

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 #278, November 2020

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

There is not much to report, so I will keep it short.

HM01 is still in repeating mode; M23 returned; a mystery station popped up (see Utility Round-up); and we found quite some Russian exercise traffic in November, including S06c, S06, M14, M42, F06 (link id's 00000 and 80050), XPA1, and XPA2. You will find the logs and transcript in the relevant columns.

Thanks to all contributors. Keep safe!

## VOICE STATIONS

### E06

**18285 kHz, 05-11/06-11, 0600 UTC**

**20140 kHz, 05-11/06-11, 0700 UTC**

507 482 61

47062 28435 18743 13582 67686 72475 16098 05655 01031 92640

33267 18825 31534 08569 30625 97629 02710 35640 49210 42931

72256 04330 26241 40020 37600 31616 70893 31241 67763 24121

98769 82076 02537 17677 48492 57872 04860 83014 28861 53400

77370 52244 70028 42433 79046 45825 77098 39533 02892 04714

09616 91232 00578 57375 35371 38792 65017 76343 31951 19739

06765

482 61 00000

**4836 kHz, 05-11, 2019 UTC** 111111 1

**4836 kHz, 05-11, 2024 UTC** 111 111

**4836 kHz, 05-11, 2030 UTC**

321 979 45

15432 86426 05598 65675 65790 43483 23453 83874 12353 12452

68710 08343 24102 88748 72607 03926 73261 61723 87182 83823

84574 61251 87891 23467 94546 13242 17964 43525 12121 21198

64265 42346 56781 44322 38765 32145 63451 22344 56944 13368

78965 12368 12346 73456 32422

979 45 00000

Windows XP shutdown sound

**4760 kHz, 06-11, 2130 UTC**

472 979 45

15432 86426 05598 65675 65790 43483 23453 83874 12353 12452

68710 08343 24102 88748 72607 03926 73261 61723 87182 83823

84574 61251 87891 23467 94546 13242 17964 43525 12121 21198

64265 42346 56781 44322 38765 32145 63451 22344 56944 13368

78965 12368 12346 73456 32422

979 45 00000 472 47

Windows XP shutdown sound

**18285 kHz, 19-11/20-11, 0600 UTC**

**20140 kHz, 19-11/20-11, 0700 UTC**

507 391 62

31179 66625 34772 54872 01889 76033 59458 14520 76717 33102

21831 23541 67660 17313 91831 25610 74953 21622 68107 58271

82871 25185 10375 14820 06399 20475 43766 09749 37217 36980

46072 58750 62455 28676 53844 52952 54621 17451 48273 32081

56166 09676 06799 86234 07116 28109 31373 40965 89202 26318

89319 05340 84946 77810 27741 87682 75105 57056 47378 08680

22948 54594

391 62 00000

**4836 kHz, 19-11, 2030 UTC**

321 510 41

61157 43256 03545 65746 21575 95874 65245 22504 85475 11425  
57961 76154 52873 45495 87824 02457 85456 84587 56547 78931  
26456 98578 83478 35746 89546 75842 01203 78496 71054 85475  
21254 12424 74154 90154 95745 02157 99865 42578 54765 25423  
52315  
510 41 00000

**E07****7616/6816/5216 kHz, 02-11/04-11, 2000/2020/2040 UTC**

682 682 682 1 763 55 763 55

79032 20498 08516 11914 03270 22418 55271 89129 89409 49575  
83103 65116 26458 11727 08835 49797 64765 50847 17201 60592  
13742 44466 38630 84387 65182 44855 70908 45993 31440 64867  
21689 27860 99927 34118 97251 77497 01412 94203 26615 58712  
34836 94840 07185 26070 89652 99758 19463 52027 78973 30155  
34267 72901 03054 29866 30501 000 000

**15823/16323/18623 kHz, 03-11/06-11, 0700/0720/0740 UTC**

836 836 836 1 8142 105 8142 105

86881 00286 05042 13707 73611 68865 18330 58292 90477 36206  
43964 47294 32288 99305 31027 99557 71392 66172 63609 96706  
69881 67938 26445 56443 11944 74325 40373 76197 97122 89871  
43002 92581 03353 14964 45003 89803 96898 33963 02737 18365  
53548 92562 50315 14488 78511 80206 55538 15935 17345 48187  
97598 75696 51219 04518 78377 71362 90631 63455 61939 52718  
97676 01743 75308 46529 23929 84174 57485 45301 83635 42894  
76614 06075 60064 03257 44425 60559 13550 71252 39965 85206  
05385 11875 52064 26184 25619 97700 47618 80308 80338 38183  
28552 83174 38129 50530 13072 68179 13583 41300 75473 28117  
69371 02589 14440 13733 16280 000 000

**15823/16323/18623 kHz, 17-11/20-11, 0700/0720/0740 UTC****17-11, 0700 UTC: Restart after 2 minutes**

836 836 836 1 421 87 421 87

54594 94039 77457 80959 36961 39477 37383 79712 07338 82955  
28765 78914 68122 03381 64879 18614 93779 36178 01002 31750  
08925 77947 37106 60854 31983 60001 07339 57067 18855 24184  
69985 66795 37218 78577 04634 99969 27974 46180 86868 46509  
49403 73490 92349 86363 12042 85157 69687 90692 09081 58841  
34568 35353 14256 17652 36360 59886 78175 69115 06586 23481  
75501 66668 16190 68530 79004 58456 07367 72539 17973 51067  
22265 72531 58222 30097 30118 70625 58648 50480 78514 81652  
19157 52600 93391 14825 82811 58133 24460 000 000

**11574/10274/9274 kHz, 19-11/21-11, 1410/1430/1450 UTC****21-11, 1439 UTC restart**

327 327 327 1 375 99 375 99

62383 85089 42005 82241 68807 31532 94749 03231 80712 92881  
86172 69759 40006 66022 11568 76093 60284 01535 79042 85288  
06451 77256 66697 62809 55347 58986 28592 08720 33695 66075  
71791 28049 29919 08297 59127 67349 47411 77248 14379 66479  
27825 14400 98521 23014 56217 38229 60505 71022 83843 56702  
26208 66759 90724 39415 59048 92951 27952 08808 72227 67064  
03092 73425 15135 79867 30036 50375 16618 22125 73881 75224  
38225 48239 74587 11441 68944 96063 02815 24776 84824 34353  
69293 72548 37975 77939 15861 45755 79606 45594 46717 78726  
29176 79910 76526 86148 00830 19044 22450 90161 08399 000 000

**7616/6816/5216 kHz, 23-11/25-11, 2000/2020/2040 UTC**

682 682 682 1 883 79 883 79  
88993 95584 37563 13065 62957 54072 98248 68930 68830 32707  
28887 43410 45334 48119 71242 49460 55834 08668 57015 24015  
70326 99135 32941 13018 81231 43353 39022 27620 34902 21684  
16821 06656 47201 24883 01192 46749 72240 52113 87204 34542  
35907 07634 60547 42589 69673 26907 71040 89242 10948 25482  
29924 66792 14023 31449 07642 90852 88583 60388 24429 81914  
06564 13676 96433 87703 51230 25369 19674 46328 35949 71582  
58877 77282 77562 21991 75339 22310 43906 16370 56912 000 000

**E07a****5877/5277/4577 kHz, 04-11, 2100/2120/2140 UTC**

825 825 825 1 37033 2974 98 2974 98  
48144 22999 14440 57213 99723 70268 63936 84769 86230 85707  
56856 48534 03282 13476 41516 95815 94696 32566 42894 20352  
04844 13660 17810 74364 87230 83597 95604 54306 24444 09127  
90698 37345 94071 94320 10620 79847 79305 01705 73115 55319  
59745 52108 38655 91182 86357 25072 33475 71588 19557 96424  
06281 86196 43514 51287 83482 57955 92538 39404 34376 19273  
82698 06359 93006 10197 21784 65070 06852 91703 12337 00970  
27495 02361 94845 26994 75115 56966 95499 86432 55373 38040  
64685 04306 05658 87357 31316 66618 01755 90556 37012 000 000

**5111/5811/6911 kHz, 05-11, 0530/0550/0610 UTC**

189 189 189 1 37033 2974 98 2974 98  
48144 22999 14440 57213 99723 70268 63936 84769 86230 85707  
56856 48534 03282 13476 41516 95815 94696 32566 42894 20352  
04844 13660 17810 74364 87230 83597 95604 54306 24444 09127  
90698 37345 94071 94320 10620 79847 79305 01705 73115 55319  
59745 52108 38655 91182 86357 25072 33475 71588 19557 96424  
06281 86196 43514 51287 83482 57955 92538 39404 34376 19273  
82698 06359 93006 10197 21784 65070 06852 91703 12337 00970  
27495 02361 94845 26994 75115 56966 95499 86432 55373 38040  
64685 04306 05658 87357 31316 66618 01755 90556 37012 000 000

**8138/7538/6838 kHz, 06-11, 1610/1630/1650 UTC**

158 158 158 1 14902 7554 97 7554 97  
87988 08762 45703 26504 52685 97024 09871 38227 71118 50704  
07664 62772 85861 73151 41482 96831 81110 31294 55670 81639  
36038 37682 29972 75005 48513 62449 13048 10566 30904 94617  
14942 97952 85284 29343 71009 88452 50675 02404 03756 85209  
92080 22894 86365 12026 02904 31278 59819 27199 60629 81795  
59012 17285 68718 77724 54621 54531 15933 42442 02510 07839  
88326 26194 09082 91925 48063 57741 47541 05023 60241 96632  
41213 06348 30577 68622 17812 13591 93876 27270 39803 04971  
94875 04013 43534 52819 85305 53540 32694 13291 81592 17483  
41599 52365 36247 88386 61306 76867 37442 000 000

**11553/12153/13553 kHz, 07-11, 0900/0920/0940 UTC**

515 515 515 1 14902 7554 97 7554 97  
87988 08762 45703 26504 52685 97024 09871 38227 71118 50704  
07664 62772 85861 73151 41482 96831 81110 31294 55670 81639  
36038 37682 29972 75005 48513 62449 13048 10566 30904 94617  
14942 97952 85284 29343 71009 88452 50675 02404 03756 85209  
92080 22894 86365 12026 02904 31278 59819 27199 60629 81795  
59012 17285 68718 77724 54621 54531 15933 42442 02510 07839  
88326 26194 09082 91925 48063 57741 47541 05023 60241 96632  
41213 06348 30577 68622 17812 13591 93876 27270 39803 04971  
94875 04013 43534 52819 85305 53540 32694 13291 81592 17483  
41599 52365 36247 88386 61306 76867 37442 000 000

**4909 kHz, 02-11, 0450 UTC**

**5779 kHz, 05-11, 1730 UTC**

410/32 Attention

33414 73482 49051 15912 32932 63754 47868 69669 85447 51811

69019 58223 14789 71022 44836 77282 81538 39937 26790 30163

72747 82385 76976 23586 96284 31174 45549 83439 59678 81743

02090 68675

Attention (message repeated) Out

**10213 kHz, 02-11/05-11, 0745 UTC**

261/35 Attention

38240 90279 43071 49001 33811 60143 31671 96028 28303 48163

12146 04734 21944 09807 94823 26848 52639 32200 64952 15175

72711 55243 41094 32647 98643 40157 37910 45742 18158 89118

95226 46522 10086 82333 90579

Attention (message repeated) Out

**12424 kHz, 02-11, 0830 UTC**

182/34 Attention

67087 59767 33645 88531 99490 97261 86876 82355 66744 92341

29684 93989 82197 08347 95313 52032 73646 18923 89113 85634

71589 75376 51050 89617 83305 22531 60235 61928 65033 31026

21697 55383 73478 13655

Attetion (message repeated) Out

**7840 kHz, 03-11/05-11, 0645 UTC**

510/39 Attention

86698 89584 90249 17101 32559 56659 78165 73334 30195 50434

91709 23801 87474 71446 86876 66951 15174 21533 70678 15853

99577 22702 52650 93242 41446 27927 82117 34174 59852 98162

54329 66916 73800 19816 96713 58352 03943 32014 86974

Attention (message repeated) Out

**6804 kHz, 03-11/06-11, 0700 UTC**

577/34 Attention

34478 94920 19248 00003 75740 89787 01406 71994 23545 42218

75732 66190 55772 31630 46316 37310 63382 23695 79492 14373

02449 10630 97980 42766 71289 45452 03924 97380 14350 36717

24160 59068 72110 16465

Attention (message repeated) Out

**9130 kHz, 03-11/06-11, 0715 UTC**

633/33 Attention

76988 06871 34867 49146 74599 15049 53885 91796 57691 83580

32876 98381 38026 20046 57048 18983 17551 83761 15778 39867

56302 19151 49535 93939 93681 47412 42649 85355 19778 42524

37491 31665 96435

Attention (message repeated) Out

**13908 kHz, 03-11/05-11, 0745 UTC**

220/34 Attention

77738 61968 43232 56911 68069 27193 35828 50493 49842 39149

34717 92024 13962 05527 85042 46652 33205 92219 75005 70897

17529 76740 26693 00388 18285 10190 84099 90582 09739 78948

30271 23936 01257 84638

Attention (message repeated) Out

**12089 kHz, 03-11/05-11, 0845 UTC**

159/21 Attention

68414 74483 64422 61398 78089 59815 15296 93408 54747 65302  
90654 72593 22378 38451 11474 86929 92781 52274 00734 45407  
25016

Attention (message repeated) Out

**6433 kHz, 03-11/04-11, 1205 UTC**

465/35 Attention

10098 60001 14332 35811 86469 98469 76398 34883 54345 83533  
82453 15230 68681 02223 84753 99079 02250 58145 43498 60207  
50982 11984 25535 66908 28175 42881 07880 77679 44248 07128  
29398 54266 18370 16916 32558

Attention (message repeated) Out

**17378 kHz, 04-11/06-11, 0745 UTC**

347/32 Attention

34338 59358 57601 54559 04140 03118 31757 76468 00688 43324  
85165 95547 09830 62404 40874 58447 51186 87364 44932 21967  
56875 91871 47874 20584 49741 67095 85786 98349 63391 38570  
32395 45444

Attention (message repeated) Out

**7469 kHz, 04-11/05-11, 0930 UTC**

271/35 Attention

37014 91524 36987 66139 35339 55352 47487 01520 96070 67532  
08077 19707 15885 64207 11810 88669 30975 47578 62615 51730  
30512 57992 44763 33888 89234 89138 48086 74759 61293 10449  
39222 71646 67275 94080 73740

Attention (message repeated) Out

**7984 kHz, 04-11, 1045 UTC**

692/22 Attention

22583 61559 33225 24167 31906 54968 62300 41421 00292 41464  
38267 87697 81973 25025 50477 28583 23263 70339 33908 74079  
04448 01800

Attention (message repeated) Out

**4505 kHz, 04-11/07-11, 1705 UTC**

396/38 Attention

39805 81147 12366 11583 65354 86387 23512 47699 72201 26868  
01841 86847 34652 63558 84151 69575 87887 12056 50445 96615  
07628 60796 52204 96774 89539 34177 91612 65539 06216 76818  
75896 84105 85636 05384 97226 12281 57545 68266

Attention (message repeated) Out

**6849 kHz, 06-11/08-11, 1650 UTC**

920/38 Attention

51250 24813 39299 95468 71180 38958 77154 46453 44255 62472  
10027 66212 23752 34794 21068 31894 05064 25211 55529 16192  
00035 90082 40408 08674 77067 38978 02917 54869 55883 25644  
54017 15883 92917 40607 96445 98521 96656 68850

Attention (message repeated) Out

**4909 kHz, 07-11/08-11, 0805 UTC**

313/32 Attention

75844 85195 54339 68487 45400 88227 20791 13453 79651 74313  
03642 16407 88743 52945 61078 97718 03568 00569 68013 63249  
19690 31150 49877 29426 64707 82611 62731 36189 48757 47933  
01691 86822

Attention (message repeated) Out

**4909 kHz, 07-11, 1930 UTC**

365/32 Attention

07885 37486 96072 45470 41679 14620 38325 77558 06537 45544  
22317 94219 54992 84834 55400 81421 41972 67748 49105 06839  
51774 27037 85173 88870 86461 67069 34142 16034 23159 21340  
89106 93349

Attention (message repeated) Out

**8597 kHz, 09-11/11-11, 0900 UTC**

533/37 Attention

50606 51995 23838 97564 06157 82915 44591 89111 54332 62023  
41452 67162 73329 30029 72407 09630 71670 94124 21051 51289  
42164 64892 56620 30607 44917 43850 39656 39510 59151 61982  
64599 04044 91007 29662 54291 10099 56872

Attention (message repeated) Out

**5082 kHz, 09-11/13-11, 1530 UTC**

520/31 Attention

27156 34219 43966 84055 47316 25742 44982 16363 48725 31773  
57366 34936 08037 11219 06360 69876 86857 55695 03771 80836  
70158 60301 64706 23233 13533 48734 32527 62545 39811 69242  
42888

Attention (message repeated) Out

**14611 kHz, 10-11, 0830 UTC**

135/33 Attention

15316 26205 13111 62779 13348 01940 40783 18935 09870 30133  
86690 75868 49281 03196 58703 48620 76083 27252 92234 27215  
35848 98342 56369 07242 36036 30507 99076 70381 37273 42313  
62537 91552 56698

Attention (message repeated) Out

**8597 kHz, 10-11, 1000 UTC**

304/36 Attention

94349 30512 52320 80739 56845 38206 81736 56908 46340 63184  
35259 88649 23645 75853 19136 79559 37383 62197 36499 93844  
90013 91273 55326 42566 55663 29850 16633 92964 01348 33027  
19833 13871 40167 13535 99482 10539

Attention (message repeated) Out

**14611 kHz, 11-11, 0820 UTC**

135/33 Attention

15316 26205 13111 62779 13348 01940 40783 18935 09870 30133  
86690 75868 49281 03196 58703 48620 76083 27252 92234 27215  
35848 98342 56369 07242 36036 30507 99076 70381 37273 42313  
62537 91662 56698

Attention (message repeated) Out

**5082 kHz, 11-11/15-11, 1625 UTC**

975/32 Attention

73208 99878 91405 43764 89802 06654 29325 79604 30793 53952  
02769 88623 48071 48521 25603 14713 28545 50718 01921 16927  
34420 91717 45923 88891 54140 13310 38179 53625 30465 74081  
04198 28870

Attention (message repeated) Out

**10487 kHz, 13-11/15-11, 1910 UTC**

611/40 Attention

51049 09544 91559 50363 72333 81102 00549 83092 41661 53978  
27835 84172 94638 78522 03997 64687 06695 21335 85036 04251  
75549 71644 39238 27404 86377 32623 11168 15502 07498 94294  
47712 97357 34151 59733 92123 13209 33926 68605 25388 72045

Attention (message repeated) Out

**4505 kHz, 14-11/15-11, 0710 UTC**

490/35 Attention

76649 10772 32091 76136 79704 57931 49120 81903 40946 24176  
02278 27738 37987 24239 38315 45453 99341 61017 96022 04247  
90754 90175 45167 58467 82005 60975 29486 71936 01927 75453  
76782 50288 02106 48237 89077  
Attention (message repeated) Out

**11450 kHz, 16-11, 0640 UTC**

941/32 Attention

29406 23622 61565 75640 93075 84737 51267 60847 75862 17731  
30126 06760 79157 07882 59402 39839 39446 78324 90815 88563  
62864 91998 56941 75979 50481 27268 78234 06312 96505 44715  
70075 77000  
Attention (message repeated) Out

**6849 kHz, 16-11/19-11, 1900 UTC**

644/31 Attention

28341 28787 72244 86882 13568 81561 71677 40510 25293 19701  
83900 19282 92097 57141 20132 37080 78382 71300 79039 76282  
34729 33827 42164 39569 50508 26875 70395 50970 57256 58709  
48497  
Attention (message repeated) Out

**13363 kHz, 17-11/21-11, 1345 UTC**

918/38 Attention

86500 47580 48598 88714 17013 29181 64994 50309 59006 97567  
98028 89086 65810 66020 16664 09515 85435 30336 64387 87902  
77914 09741 61878 44515 24606 88631 67304 95181 40530 65776  
85069 18861 62616 01760 28085 90315 29760 40011  
Attention (message repeated) Out

**5149 kHz, 19-11/20-11, 0820 UTC**

436/33 Attention

80908 60626 98246 78326 25101 93148 71245 50252 52894 05709  
82395 42299 69148 44519 09855 37617 35950 47298 24816 50992  
40013 90946 76531 57640 02699 40930 43848 84550 18081 85199  
84156 04770 98611  
Attention (message repeated) Out

**6280 kHz, 20-11, 0435 UTC**

355/37 Attention

42554 42137 94994 77934 37997 50072 02610 47196 08964 86834  
14566 52949 74745 86953 17711 38303 06348 92584 09744 09754  
39164 11347 86581 30299 75796 26503 72786 67932 44950 92334  
62036 88787 63729 44074 02290 85049 51909  
Attention (message repeated) out

**12924 kHz, 23-11/29-11, 1745 UTC**

242/39 Attention

28544 81364 51804 18065 70509 24986 54062 94270 23974 43734  
52471 23254 68946 50446 87286 60737 17901 05620 64183 30960  
65735 98086 28482 94779 76894 92022 09101 90420 36988 29856  
28826 58880 91481 84362 62334 27970 31530 02538 79431  
Attention (message repeated) Out

**5344 kHz, 24-11/29-11, 1605 UTC**

238/35 Attention

61487 94872 22704 54582 03157 72202 38144 95777 82782 50122  
65627 55672 63023 27349 85077 18583 84448 31564 70992 12187  
50998 12458 08401 07201 41318 27007 07718 45191 93173 88743  
75508 77581 21360 79034 12544  
Attention (message repeated) Out



## E17z

### 11170/9820 kHz, 05-11/12-11, 0800/0810 UTC

217 498 5 80295 33504 61961 39308 71705 498 5 00000

### 11170/9820 kHz, 19-11/26-11, 0800/0810 UTC

217 463 5 80353 04587 36924 98924 08021 463 5 00000

### 8080 kHz, 23-11, 1440 UTC

274 938 15

91943 58456 74429 59317 33671 77963 45424 77202 24749 70635 40970 06309 03380 31979 71641

938 15 00000

At 1450z: 274 (R) 06309 03380 31978 71641 938 15 00000

### 10240 kHz, 24-11, 1415 UTC \*)

274 (R) 836 19 19 4669 274 274 836 19 46692 63034 96502 00040 35152 59 txm off, returns at 1422 UTC

274 (R) 63034 96502 00040 35152 59388 87379 41855 32726 12357 18283 10094 stopped

274 (R) 41855 32726 12357 18283 10094 73140 16277 43912 76162 74983 08828 00897 836 19 00000

### 8080 kHz, 24-11, 1435 UTC \*)

274 (R) 836 19 46692 63034 96502 00040 35152 59388 87379 41855 32726 12357 18283 10094 73140 16277 43912 76162 stopped

274 stopped

274 (R) 10094 73140 16277 43912 76162 74983 08828 00897 836 19 00000

\*) Complete message:

274 836 19

46692 63034 96502 00040 35152 59388 87379 41855 32726 12357

18283 10094 73140 16277 43912 76162 74983 08828 00897

836 19 00000

<http://www.numbersoddities.nl/E17z-2020-11-24-1415utc-10240khz.wav>

<http://www.numbersoddities.nl/E17z-2020-11-24-1435utc-8080khz.wav>

## G06

### 4519 kHz, 12-11, 1830 UTC

271 130 44

11532 37595 68553 78912 87463 94712 18514 02953 38414 13202

42325 23285 15802 65245 87462 78912 87463 94562 14712 84853

53067 42412 15464 75612 14352 34585 68553 23462 73459 41847

21250 37473 27624 17923 54332 81620 81244 41265 96183 74874

66753 78223 80329 38780

130 44 00000

### 4792 kHz, 13-11, 1930 UTC

436 130 44

11532 37595 68553 78912 87463 94712 18514 02953 38414 13202

42325 23285 15802 65245 87462 78912 87463 94562 14712 84853

53067 42412 15464 75612 14352 34585 68553 23462 73459 41847

21250 37473 27624 17923 54332 81620 81244 41265 96183 74874

66753 78223 80329 38780

130 44 00000

## S06

9300 kHz, 30-11, 0715 UTC

910 187 231

22418 89721 78116 33992 80470 61291 97084 07391 05002 95345  
43001 08455 34022 90503 26801 56084 58210 56000 48839 97938  
20228 01993 19154 55469 58657 53005 93443 47572 45005 26704  
35707 47539 87214 45202 43483 53002 98113 71054 96622 73540  
52247 85164 15536 65668 79522 48763 39844 69861 69110 16659  
63390 29326 82033 93944 86522 95191 95889 53353 71605 47819  
30139 55439 12697 88911 25393 38783 55312 84105 75147 72402  
27229 60746 33393 87556 66266 90526 46546 31137 55973 11664  
83122 07820 05160 70334 59619 03184 32217 86018 86010 04966  
40166 70465 79316 64653 93352 54957 18679 66595 31754 05561  
40368 96815 83810 31059 96182 28730 63737 13241 23653 67933  
64238 14242 01505 23269 80578 40630 88814 96346 26930 68906  
71293 06706 30948 62129 63133 94813 17505 32334 37861 70082  
17524 28441 86635 96090 62841 54338 27419 30206 53051 46837  
13468 59775 05252 68161 14576 02107 22643 92690 69509 60385  
42913 92620 33075 52750 52337 52242 66243 56697 76548 65513  
42791 35998 83898 96628 70871 42334 62356 08258 52969 08817  
55878 87151 32678 77598 71188 21796 01719 28743 90912 11806  
65656 02562 23983 13742 91751 32590 89282 53047 87366 31397  
13439 56777 82382 96411 28717 86821 14058 27964 81951 78303  
37763 76710 70446 12836 12034 62650 05788 81337 31377 32904  
71506 16079 05271 50453 35518 96661 06785 31027 03297 59600  
39283 70315 22696 66221 94611 28703 76381 08530 01243 65713  
22787  
187 231 00000

## S06b

13397/9194 kHz, 11-11, 1500/1600 UTC

387 510 2 11111 00062 510 2

387 469 52

63760 67237 71104 82810 28132 38326 80409 37219 32455 85696  
67823 35978 79142 05773 12218 32216 02665 90009 41447 93108  
53420 38044 66861 16204 98130 53372 30421 08738 35157 13724  
25343 34625 48214 33339 76224 58815 46884 59326 89571 43695  
67393 69281 10677 77233 32082 62381 47786 37550 90997 61099  
49485 23598  
469 52 00000

## S06c

9300 kHz, 30-11, 0700 UTC 28441 (R)

## S06s

### Oddities

7062 kHz, 11-11, 0830 UTC  
10532 kHz, 11-11, 0840 UTC  
5765 kHz, 13-11, 0900 UTC

6315 kHz, 13-11, 0913 UTC  
10532 kHz, 18-11, 0840 UTC  
11830 kHz, 18-11, 0837 UTC

Carrier only

Carrier till 0843z: 464 207 5 24541 1182206529 62554 80295 207 5 00000

239 476 5 93845 87709 48840 06625 28524 476 5 00000. Technical problems. Strong carrier but faint audio. Restart at 0904, now normal audio

239 476 5 93845 87709 48840 06625 28524 476 5 00000. Late start

464 289 5 36924 98924 75353 33884 82486 289 5 00000 feedback sounds on the transmitter

172 809 5 47154 25660 69885 96882 92728 809 5 0000 feedback sounds and 464 on 10532 kHz in the background

**9057 kHz, 02-11, 0510 UTC**

657/30 Vnimanije

54293 09596 34161 55929 89239 69991 72527 29756 71621 80254  
46635 37598 86816 27646 76521 21679 77754 71313 44464 70860  
41487 65165 64509 70128 27466 17103 17117 65614 67233 68896

Vnimanije (message repeated) Konets

**4242 kHz, 02-11/06-11, 0915 UTC**

481/36 Vnimanije

29099 95319 77592 33395 74680 50496 30410 26461 11642 67518  
72701 85621 25721 61745 90053 42244 33920 06737 36036 97041  
39303 96720 71535 22386 74553 14989 78650 86341 14153 96016  
89496 70227 50987 08748 59910 27342

Vnimanije (message repeated) Konets

**5371 kHz, 04-11/06-11, 1135 UTC**

370/37 Vnimanije

76747 29162 31053 14049 30227 01586 29986 89516 40594 18383  
55399 32058 49488 88082 90591 24877 63858 77330 85707 93053  
80347 96306 12330 10687 90608 49045 48499 36965 51652 03473  
11695 52075 39354 06035 82929 78876 85410

Vnimanije (message repeated) Konets

**12153 kHz, 09-11, 0715 UTC**

382/38 Vnimanije

45532 85466 67051 91896 74455 17939 32136 88112 83176 01292  
25845 67408 70091 76676 75269 20891 80416 86631 33081 82787  
93535 07490 79508 53217 87761 90249 41126 18653 48867 07909  
53973 72406 05243 29696 96569 62698 34880 44884

Vnimanije (message repeated) Konets

**8102 kHz, 10-11, 1020 UTC**

429/39 Vnimanije

01429 14346 15213 44584 55136 63603 28352 36711 17559 66954  
56380 51241 97047 28415 14541 00277 80494 84074 63045 21718  
51122 88276 18598 83475 07252 18335 56154 11321 00669 00346  
36940 46140 16948 92382 61208 51548 10121 01334 25031

Vnimanije (message repeated) Konets

**12153 kHz, 11-11, 0715 UTC**

382/38 Vnimanije

45532 85466 67051 91896 74455 17939 32136 88112 83176 01292  
25845 67408 70091 76676 75269 20891 80416 86631 33081 82787  
93535 07490 79508 53217 87761 90249 41126 18653 48867 07909  
43973 72406 05243 29696 96569 62698 34880 44884

Vnimanije (message repeated) Konets

**11486 kHz, 11-11/14-11, 1850 UTC**

288/33 Vnimanije

97964 91488 68571 50101 42807 92891 87227 11515 86004 81041  
67639 28074 39247 86061 25094 27721 83027 90536 92067 16195  
63306 95078 42199 74184 20399 78416 02320 48775 11289 23339  
59930 69007 87797

Vnimanije (message repeated) Konets

**8102 kHz, 13-11, 1020 UTC**

429/39 Vimaniye

01429 14346 15213 44584 55136 63603 28352 36711 17559 66954  
56380 51241 97047 28415 14541 00277 80494 84074 63045 21718  
51122 88276 18598 83475 07252 18335 46154 11321 00669 00346  
36940 46140 16948 92382 61208 41548 10121 01334 25031

Vnimaniye (message repeated) Konets

**9050 kHz, 23-11/26-11, 0700 UTC**

475/32 Vnimaniye

14318 73654 72360 18133 67267 81957 71654 14921 64794 57890  
16173 43486 52000 01591 38769 64627 88694 92336 78464 23269  
65383 08065 87613 77619 27381 79166 48702 41728 93780 75609  
18384 70711

Vnimaniye (message repeated) Konets

**V07****15946/14486/13486 kHz, 01-11, 0100/0120/0140 UTC**

984 984 984 1 8021 108 8021 108

93018 67492 27189 01621 54927 60799 83466 23448 77909 17793  
66439 71902 56110 16234 50343 51608 87705 02355 36098 88076  
23273 11677 86700 64661 39703 63622 28963 67655 61927 87189  
03169 92789 24502 07714 79488 82633 25185 49711 43449 50137  
89270 37084 93099 30494 20527 70508 11193 02301 60986 01449  
78472 93164 16256 52908 46605 99255 80009 14788 98243 61173  
43570 32762 13414 07511 45681 96087 93721 04765 31253 15686  
45876 46381 65387 73714 74599 25317 99310 31815 15402 35671  
58054 28075 77053 88756 17243 41598 73079 14897 43967 39951  
72828 97986 42054 61964 17051 15482 81192 23090 61384 21783  
84356 36100 65813 37431 84434 94569 11464 38000 000 000

**15946/14486/13486 kHz, 08-11, 0100/0120/0140 UTC**

984 984 984 1 7372 116 7372 116

14420 64119 87991 05278 91010 02063 38317 99216 48632 05626  
75491 48111 50643 26599 04929 63426 83740 92532 49011 03379  
85816 19594 38425 66940 82365 46513 87100 51632 35561 43968  
21935 88208 69844 38345 92276 75901 51451 71255 58709 96825  
07129 36116 92897 90699 33564 99672 48411 57827 43527 29182  
17364 44402 96353 26034 12917 11968 70478 36115 22987 02980  
29507 62230 63274 24954 98011 01560 13898 78584 15308 46874  
55724 97730 49186 63704 56063 46936 02882 92183 18112 32113  
59041 72494 66801 20846 63742 14502 94954 95517 49361 62525  
28075 24616 98021 43596 15144 15581 24351 30278 08509 16531  
78048 83503 42649 32887 73506 53218 90924 07020 78863 42152  
25534 16169 16071 35842 98826 06191 000 000

**15946/14486/13486 kHz, 15-11/22-11, 0100/0120/0140 UTC**

984 984 984 1 181 128 181 128

34873 23105 36693 39354 24581 66344 67311 58012 75782 80641  
31222 39938 02085 45489 18086 80686 17169 48774 81090 86738  
88459 49129 77739 12100 72186 47776 80690 70805 01650 54022  
38324 03295 16887 33102 05326 87318 28482 66229 47962 20663  
41881 92590 50368 11426 08743 10141 53724 75456 37215 91424  
56371 04596 86282 56944 34738 34249 34070 45944 46086 46399  
27322 93912 92539 24516 31752 70369 37576 67574 61526 11081  
40016 96891 01711 20524 24658 35080 02331 04882 15075 12252  
38184 62937 39478 86621 29744 84571 80939 49423 43849 38966  
74480 45860 89211 40182 72589 62437 07850 81412 15463 29393  
06733 48923 85537 96650 55987 05941 16512 51454 41433 65870  
71644 36934 21449 54116 67986 70429 82011 52634 61520 85028  
20194 21240 15119 08426 22784 33994 41050 44770 000 000

**15946/14486/13486 kHz, 29-11, 0100/0120/0140 UTC**

984 984 984 1 9365 118 9365 118  
51196 63974 ?4158 09589 10161 42636 24374 03529 00082 20390  
91186 37346 58861 93716 57602 64662 12802 75734 49825 98680  
26922 50251 88768 15328 35467 7?546 79086 54478 65355 34929  
31132 42282 88990 44793 19792 86468 86060 72253 11379 52964  
90621 22?98 56531 32252 47860 59204 12023 01465 30597 78886  
13514 ??757 16545 11382 1667? 15331 73073 58718 06320 99600  
41418 53464 13356 71001 15641 02691 047?7 21160 89874 68926  
14779 66569 96324 98285 23617 09323 82034 47806 34577 75517  
40262 91142 36165 83261 06046 89271 45351 82690 64076 58872  
56230 12660 66969 43193 03096 27119 70535 48246 27562 90131  
21?73 69403 19489 88141 76219 36643 76239 21092 24988 90587  
60456 82665 35642 04165 86183 32538 85758 83429 000 000

## MORSE STATIONS

### MX

16074 kHz, 12-11, 1200 UTC Marker C (R15)  
15540 kHz, 20-11, 1430 UTC Marker C



*Russian naval propagation beacons A, S, P, D*

### M01

**5465 kHz, 01-11, 0700 UTC**

197 451 451 30 30 = =  
51695 01533 18819 11959 98422 19994 36404 22134 28493 10759  
18814 75982 77621 31648 59742 72954 69553 56703 39067 37463  
71997 00329 52928 67842 87528 01138 79519 48138 50105 37497  
= = 451 451 30 30 000

**5320 kHz, 03-11, 1800 UTC. Sent 31 groups**

197 435 435 30 30 = =  
48265 04727 95674 55682 37320 51885 91546 62167 00099 57582  
04727 94100 50164 15385 53286 16193 72228 47954 44752 22594  
58091 01307 90864 21990 15057 83778 55011 62760 76589 66744 99839  
= = 435 435 30 30 000

**4490 kHz, 03-11, 2000 UTC**

197 246 246 30 30 = =  
65040 27602 23456 12459 34155 52017 93088 30502 09436 47576  
93426 86291 96369 79003 38500 34470 29050 03571 32178 27759  
10864 99951 47187 33372 42560 74608 84958 25618 44902 98353  
= = 246 246 30 30 000

**5320 kHz, 05-11, 1800 UTC**

197 876 878 = 30 30 = =  
27814 75399 45550 34471 88774 67292 08417 60580 37106 28893  
53652 17828 10953 67812 02763 82821 80991 72465 26010 86193  
68260 34058 57321 80780 27022 70670 66627 30992 11832 60132  
= = 876 876 = 30 30 000

**4490 kHz, 05-11, 2000 UTC**

197 543 543 = 30 30 = =  
 52313 60551 05153 37027 55513 03313 81657 91433 16423 68631  
 00045 67012 68687 31108 69182 79650 43636 36549 08707 28772  
 64893 69992 76231 26416 05018 43340 85937 67335 82916 04652  
 = = 543 543 = 30 30 000

**5465 kHz, 08-11, 0700 UTC**

197 138 138 30 30 = =  
 75909 11220 18742 91232 70078 92907 49952 39405 36223 71620  
 43266 09059 93618 54104 52543 72200 89610 71132 45563 57331  
 85036 61739 61439 36845 63019 76372 38794 12084 03338 34546  
 = = 138 138 30 30 000

**5320 kHz, 10-11, 1800 UTC**

463 211 S 30 30 = =  
 84517 96902 27580 55409 52241 71882 77910 28435 93559 02608  
 04477 26434 00696 05978 72909 37044 57333 04141 76998 39815  
 09358 02854 48159 74735 45899 11385 60853 49825 40265 30282  
 = = 211 211 30 30 000

**4490 kHz, 10-11, 2000 UTC. Different repeats in red**

463 233 233 30 30 = =  
 74407 85737 99743 19482 194882 37820 28420 77127 28758 42753 13496 67208  
 63098 16229 04017 01803 56365 27147 63680 60311 87861 77779  
 59737 99573 04327 94956 67855 52920 88910 71705 45241 59154  
 = = 233 233 30 30 000

**5320 kHz, 12-11, 1800 UTC. Extremely poor signal**

197 444 444 30 30 = =  
 3x283 628xx 36990 11183 44151 86422 65609 46424 xx097 20050  
 69576 87341 52x32 88822 51070 02207 36x05 50385 45739 23905  
 14736 68350 81131 60733 xxx56 30736 44101 70x25 12826 286xx  
 = = 444 444 30 30 000

**4490 kHz, 12-11, 2000 UTC**

197 300 300 30 30 = =  
 85680 81551 36474 18062 63826 90497 07285 27674 72032 66263  
 63847 53712 43182 60940 51472 63582 86580 43635 00828 08113  
 18685 56306 30308 34499 30992 02215 54441 19721 45177 90132  
 = = 300 300 30 30 000

**5810 kHz, 14-11, 1500 UTC**

197 813 813 30 30 = =  
 02500 82519 61042 74411 53453 82591 23593 07894 77326 53809  
 09078 26017 14210 79630 94307 29859 79842 21365 61013 82891  
 73154 66374 90308 24802 13669 84392 82537 93602 53718 81300  
 = = 813 813 30 30 000

**5465 kHz, 15-11, 0700 UTC. Different repeat in red**

197 458 458 30 30 = =  
 12033 11654 11564 74951 06462 54571 92166 98340 78088 72292 94858  
 21696 54414 13779 91005 48920 06329 20705 43010 63178 83579  
 63715 86708 98551 16212 54161 21710 83395 77955 88757 96863  
 = = 458 458 30 30 000

**5320 kHz, 17-11, 1800 UTC**

197 310 310 = 30 30 = =  
 04298 21821 12630 61495 05768 50912 74409 27012 31792 95519  
 29265 05474 48595 11919 25692 80872 90020 97668 39074 90542  
 66395 92237 32641 94816 53102 67787 60973 13436 21150 24846  
 = = 310 310 = 30 30 000

**4490 kHz, 17-11, 2000 UTC**

197 217 217 = 30 30 = =  
88688 61718 14099 41609 68717 66140 29575 02932 05917 47883  
82207 61489 39265 21855 14051 36034 72649 79995 93249 74875  
05506 43548 17677 80875 06818 48367 21690 95941 48675 24304  
= = 217 217 = 30 30 000

**4490 kHz, 19-11, 2000 UTC**

197 773 773 30 30 = =  
23672 71817 65568 42415 17603 70362 28758 66509 81839 06041  
86994 80556 23498 30131 45784 19516 57761 37949 04578 17670  
84479 25312 61548 39694 86876 11645 43835 68692 36340 99456  
= = 773 773 30 30 000

**5810 kHz, 21-11, 1500 UTC. Errors in red**

197 170 170 30 30 = =  
**510888** 51088 02803 89426 13890 **93890 13890** 93041 41292 71410 83566 (83588) 62790 55235  
00009 02936 22128 22078 22336 91447 59561 53141 44516 13762  
82740 70878 30951 69283 92246 92742 80062 36177 00109 39604  
= = 170 170 = 30 30 000

**5465 kHz, 22-11, 0700 UTC**

197 661 661 30 30 = =  
88736 54995 88611 08745 71247 23496 29449 99996 76760 24904  
31184 44313 25976 02959 78002 85401 68084 30367 53691 58432  
78717 24331 46660 37749 14118 32057 11780 25169 43890 57098  
= = 661 661 30 30 000

**4490 kHz, 24-11, 2000 UTC**

197 735 735 30 30 = =  
88286 11404 76293 49447 00818 29865 90232 74840 38112 12154  
73715 58160 98722 92128 43905 14971 95404 18189 92174 60583  
17017 75919 62759 94999 71724 69706 26306 16565 20637 80213  
= = 735 735 30 30 000

**5465 kHz, 29-11, 0700 UTC**

197 642 642 30 30 = =  
74477 71092 66766 44206 66184 86150 10249 73094 64786 03141  
08150 57780 54680 91778 39156 09761 61061 91415 82739 49189  
03069 23069 16217 38117 13847 20418 40096 11440 19709 56282  
= = 642 642 30 30 30 000

***M01a***

**5293 kHz, 11-11, 1514 UTC, i.p.**

333 12664 12664 12664  
333 12664 12664 12664  
3 (stops)

050 04  
333 12128 12128  
333 12128 12128  
333 12128 12128  
333 12128 12128  
333 12128 12128  
333 12128 12128  
333 12128 12128  
333 12128 12128  
333 12128 12128  
333 12128 12128  
333 12128 12128

333 12128 12128  
333 12128 12128

834 834 834 333 13504 13504  
834 834 834 333 13504 13504  
834 834 834 333 13504 13504

050 05  
333 13018 13018  
333 13018 13018  
333 13018 13018  
333 13018 13018  
333 13018 13018  
333 13018 13018  
333 13018 13018  
333 13018 13018  
333 13018 13018  
333 13018 13018  
333 13018 13018  
333 13018 13018  
333 13018 13018  
333 13018 13018

834 834 834 333 14240 14240  
834 834 834 333 14240 14240  
834 834 834 333 14240 14240  
834 834 834 333 14240 14240  
834 834 834 333 14240 14240  
834 834 834 333 14240 14240  
834 834 834 333 14240 14240  
834 834 834 333 14240 14240

834 834 834 333 14894 14894  
834 834 834 333 14894 14894  
834 834 834 333 14894 14894  
834 834 834 333 14894 14894  
834 834 834 333 14894 14894  
834 834 834 333 14894 14894  
834 834 834 333 14894 14894  
834 834 834 333 14894 14894

834 834 834 333 14100 14100  
834 834 834 333 14100 14100  
834 834 834 333 14100 14100  
834 834 834 333 14100 14100  
834 834 834 333 14100 14100  
834 834 834 333 14100 14100  
834 834 834 333 14100 14100  
834 834 834 333 14100 14100  
834 834 834 333 14100 14100

834 834 834 000

**10651 kHz, 24-11, 0711 UTC**  
297 297 297 78007 78007  
297 297 297 78007 78007  
297 297 297 78007 78007  
297 297 297 78007 78 (Stops)  
333 333 333



**17432/18532/19132 kHz, 01-11, 0800/0820/0840 UTC**

451 451 451 1 525 121 525 121  
04065 11259 03748 11972 17907 53012 36064 98122 72615 81104  
92063 96839 82801 39437 34808 74544 67741 18590 37875 89325  
24957 69975 63689 68018 18689 24990 52554 96337 12026 36506  
09110 86424 68811 84419 86351 07997 64367 78294 52809 21366  
84669 22194 83369 38059 63515 83880 20729 68563 12966 86031  
65880 12079 10590 43959 75754 64786 85280 86181 11676 48260  
16448 97666 20998 69691 79117 03799 04258 40568 75440 21433  
66957 76853 13877 85552 96707 62373 03624 93348 06312 24443  
89679 19617 31064 91421 39881 87354 50737 49407 03856 80195  
49421 69941 28733 21767 08105 32626 50119 61426 06592 21745  
61086 60482 54453 73005 32089 75994 07814 60559 74016 23916  
64716 71779 71316 66534 01168 72793 92678 19342 53460 58730  
73757 000 000

**16275/15975/14675 kHz, 02-11, 0010/0030/0050 UTC**

296 296 296 1 594 182 594 182  
02943 33562 99178 04528 98262 98296 09960 63981 77223 95530  
13756 45723 13306 66312 92085 43454 35172 30585 94502 10317  
18852 27807 45354 58569 37211 80857 68423 75213 94302 32612  
04224 77875 32109 09241 07537 20053 24449 53349 82019 08186  
78324 57920 23206 14053 75638 11847 39815 99910 21636 25708  
54139 48981 59003 91960 44963 46204 47391 36824 18779 07858  
32290 14244 53254 37302 86292 65374 40706 43702 39040 87456  
62067 74471 87347 03939 40081 39667 61335 53045 39129 09499  
51480 24350 94478 50506 85402 40707 26573 34383 53207 09400  
64286 35428 98790 86130 52723 75167 11220 36366 37778 95352  
72542 42215 85552 28021 07761 21433 65263 29882 47635 33161  
16505 08713 20982 43472 91149 99278 54572 34249 14243 81613  
82997 12462 10715 52079 94113 14584 79633 30183 74528 17554  
97721 61917 38130 10456 35855 47004 75367 19530 24361 06870  
88783 43855 13080 88202 47447 48331 67915 81618 78505 43099  
23672 35176 55498 37737 61607 93115 98896 11730 50995 99825  
88104 66097 57036 71478 19411 01341 78328 09579 04492 30015  
89523 03376 77254 31863 01716 03434 23405 41800 17243 40925  
78332 68981 000 000

**14377/13461/12114 kHz, 02-11, 1300/1320/1340 UTC**

317 317 317 1 6933 98 6933 98  
17568 40344 97296 48387 05831 02511 67990 59077 58853 49469  
68622 58257 25238 28290 47602 16306 07925 70664 77495 95570  
56554 82591 95196 55070 11643 73652 60500 41476 55755 15530  
45778 40117 55064 80182 31214 64081 17348 12716 30200 95007  
14707 22631 99295 72583 52018 28204 13010 70276 86496 47342  
79261 94514 39580 59198 79714 87044 44887 11390 34132 91690  
46455 72023 24060 91718 45285 28495 71049 80229 90168 94433  
74506 93593 97065 03661 88419 34606 83167 35970 45399 10507  
57814 99312 47534 66482 53857 35527 39521 05918 42746 69943  
55682 18231 43149 51223 16298 25491 35092 72709 000 000

**15831/14431/13431 kHz, 03-11, 0100/0120/0140 UTC**

844 844 844 1 440 192 440 192  
54678 51305 95250 59077 02717 49715 43610 18790 33683 07228  
47756 86430 66985 83177 64364 41639 49347 59091 24327 46049  
37809 79794 18602 86330 62527 26374 82942 29741 77695 79025  
44799 91381 65829 46882 99164 78101 32318 42098 71226 01579  
96702 84172 00362 96108 81554 73743 76156 47454 41781 43372  
07986 18690 66793 76593 58381 80658 05359 05149 01942 75357  
07870 21833 32148 88775 72468 62951 58666 74081 15636 41076

33933 00236 74623 57541 57814 70961 26094 96612 52297 16829  
00642 52815 89653 17838 39697 37137 70361 58082 95480 20079  
84522 62497 73735 06999 73380 50798 21726 57056 32985 97131  
90764 46068 89764 00389 83296 39766 49112 24292 56935 53304  
20885 89933 55722 20868 29900 55715 39088 32641 18101 05121  
18119 28172 53284 19929 23652 11232 91082 74068 35039 93088  
48067 10513 49662 49173 71866 37433 32012 08819 80255 16398  
91084 42734 20546 77265 35578 29431 81739 96833 64642 19041  
36150 56299 47544 18021 33817 97977 98824 61544 40359 10545  
23429 40238 45087 02035 03032 63109 51503 20212 98700 74547  
36496 43064 20308 23378 08926 96752 05047 90818 42956 94335  
00951 95797 63380 57751 56339 35356 52401 96274 87916 18684  
40513 13289 000 000

**9317/10484/11552 kHz, 03-11, 0530/0550/0610 UTC**

135 135 135 1 5619 109 5619 109  
55266 54214 71526 37360 56709 17583 92204 38077 19710 31296  
64309 97165 78384 48573 56588 68596 94616 59205 56429 35975  
45551 08413 01105 32119 56428 82395 09841 39106 65075 35376  
14770 80273 85453 03791 30152 95774 28534 51033 36468 10544  
08362 02250 23521 99107 92368 66570 90324 35904 39520 91158  
18465 75775 37441 29277 40164 97058 54988 06676 87141 54008  
08384 17725 04290 88661 53418 69758 57068 60137 38326 45132  
78492 64208 29230 33513 76288 79243 17321 63041 28154 35923  
10095 06514 71766 56023 02091 95634 20012 17371 07994 00489  
75783 89086 49162 71645 72203 23150 91737 62183 16516 06377  
93931 52640 58587 31795 49713 17143 69471 52421 46778 000 000

**8119/9119/10419 kHz, 03-11/08-11, 0600/0620/0640 UTC**

114 114 114 1 8417 115 8417 115  
26275 86207 81443 62431 61083 57770 03845 78300 30557 33146  
26830 32043 43729 64209 84264 60353 90402 92255 69664 11077  
05230 04633 60965 38394 05062 29392 24331 82174 43476 11729  
14850 32695 23383 83958 23290 66781 67090 55250 55803 32912  
85510 30363 14580 05834 55693 47744 74747 51304 98132 35196  
41231 77146 57491 68550 66857 23320 66590 65573 65088 90024  
07448 22951 98498 93725 24743 68971 13960 50237 98946 37532  
40897 71869 06220 21010 45075 24121 21355 13352 20006 07147  
16184 76128 67604 28592 74165 15597 41738 14899 61246 53137  
58630 01138 30528 53792 65004 59060 78862 65987 81497 19096  
00991 80588 25282 86069 06870 21025 92546 78160 32403 80700  
22619 55491 33380 17902 72055 000 000

**12162/11566/10711 kHz, 04-11, 1710/1730/1750 UTC**

546 546 546 1 1209 110 1209 110  
22634 15848 04061 92917 53456 65090 31294 25362 75679 74259  
44641 98078 64845 82128 39289 96659 12595 85884 35686 27210  
43965 51841 21577 39987 34274 82416 24544 72830 66372 20803  
37347 00226 27678 86039 01580 60552 83383 40073 60677 90584  
59412 12530 95698 93844 75392 05801 65717 88251 15663 13688  
51036 06482 64423 47529 00222 18660 68925 44346 23335 71429  
47498 58715 10876 75278 93157 67974 04366 84940 66194 14567  
18639 06821 88064 77217 35872 31105 11293 17976 15722 76547  
42494 50916 84870 66033 08545 78545 76731 86347 07717 67925  
15107 67947 75458 17561 02663 20478 09394 25664 16970 53225  
91314 89474 52256 81416 60919 33867 97118 85256 30919 84312  
000 000

**11435/10598/9327 kHz, 04-11, 1810/1830/1850 UTC**

938 938 938 1 5052 76 5052 76  
43602 66561 54337 21662 62916 57254 92551 49786 05973 45205  
60969 13537 93922 29712 33701 02272 94208 92860 04417 76750  
47172 22958 91707 41943 01111 88624 45767 13475 62370 96333  
57210 36963 35704 34026 07186 77402 14298 73564 54741 05237  
45172 85352 51831 83826 99481 59775 25127 63569 29938 35422  
77067 51256 98699 00655 57124 09007 04448 54442 40999 33947  
29867 05827 50286 43114 56120 47120 70625 06777 96277 48135  
01892 68562 23510 53925 85334 84356 000 000

**12162/11566/10711 kHz, 05-11, 1700/1720/1740 UTC**

546 546 546 1 3946 107 3946 107  
59450 87079 52473 58615 17931 90325 17005 56604 77436 05431  
72381 80031 73717 71427 82578 43571 36018 94286 55297 39258  
81262 56697 54328 03628 39551 39694 40082 14393 27211 11007  
03075 96649 59652 54496 59785 56340 18524 19233 57997 31796  
67141 05129 33238 73300 52161 70702 48384 46113 68949 15510  
97690 46533 08004 49493 02273 72669 24502 71479 81882 87905  
21679 64953 29830 62076 24695 84455 02616 17705 32937 83475  
66132 84621 20393 93669 84913 94327 59699 30288 61593 39007  
56877 16002 31446 33490 80873 78080 04241 81927 60164 57029  
95009 48040 36102 98937 23114 89138 97780 53257 90524 98145  
67747 53861 46760 68306 56458 18974 98771 000 000

**12162/11566/10711 kHz, 05-11, 1800/1820/1840 UTC**

546 546 546 1 5769 110 5769 110  
28943 90722 84930 04991 57287 75291 94272 11438 58264 00873  
14021 46065 48812 42208 90605 65546 76459 43067 50773 70030  
88794 18974 90608 73318 02532 82877 64248 89417 54218 54786  
47959 62475 90208 58219 88142 69447 44903 95642 64768 51232  
61698 55522 68990 50168 01783 30557 56020 27027 30325 85853  
49642 54754 40957 07797 79995 08535 82922 60695 80583 30854  
08886 50692 79406 11630 01749 64052 90984 04166 63678 86411  
13544 90489 19172 69566 70064 64950 09940 54535 99275 72941  
90854 13897 40888 19777 24107 87307 45541 91498 26560 80384  
75279 48786 39813 85479 95784 58508 73560 93756 04635 37332  
36684 17333 63798 94113 57818 59321 74274 17628 19429 77655  
000 000

**6859/7459/7959 kHz, 06-11/07-11/13-11/14-11, 2200/2220/2240 UTC**

849 849 849 1 545 32 545 32  
54003 83844 08702 77183 72749 07809 90447 03641 58507 81710  
59947 82022 29507 99378 29546 59671 58345 04596 65716 54334  
21755 87198 10955 59051 68852 81405 48329 35085 83463 85457  
22330 80551 000 000

**14377/13461/12114 kHz, 09-11, 1300/1320/1340 UTC**

317 317 317 1 8668 99 8668 99  
95078 69298 73022 56489 77605 22236 38741 86677 72841 26660  
16177 18026 47935 95604 89712 49193 66634 76969 96413 03492  
60521 19052 27089 70588 25904 25581 14176 50413 75447 16615  
97619 01579 53241 86314 66340 71432 69421 38986 45628 43929  
52479 23111 96142 69027 96450 00166 31247 34738 97866 74201  
43659 88868 22458 74769 12748 28882 67051 04648 56046 62389  
26509 26276 09931 51937 27284 51281 05990 01059 41987 56630  
52916 54764 03466 50031 31432 07408 95875 75825 54319 06312  
55317 38685 79775 45709 01785 88231 33273 31692 89077 66564  
59322 38468 56271 37941 38870 11009 12685 40059 56007 000 000

**6874/8074/9374 kHz, 10-11/12-11, 0030/0050/0110 UTC**

803 803 803 1 7054 111 7054 111  
38135 11186 14532 76096 23580 97454 56159 66314 64373 63814  
49641 63338 40381 13897 34732 07564 37696 67709 57224 05700  
38298 01872 28885 18273 73470 98736 73851 65926 08519 34436  
90936 22974 80619 33503 66751 17699 23060 13838 98622 57638  
07320 41926 63745 54590 97270 24460 09860 13377 43286 51739  
67556 12511 10817 06600 08210 03160 68409 68564 36405 48529  
79051 09761 70453 51614 07590 41658 26681 12722 77879 99181  
79996 44315 26558 39471 07114 76033 31155 21124 11022 72130  
77467 42438 87014 69617 94321 84613 10029 31319 57949 17181  
93099 30996 88360 94255 60021 36072 65331 07655 74135 25363  
18803 83454 27176 15801 61701 93482 69678 45080 49437 99910  
18892 000 000

**9317/10484/11552 kHz, 10-11, 0530/0550/0610 UTC**

135 135 135 1 2853 112 2853 112  
25120 10748 00347 76170 19382 62028 18408 09667 15324 36631  
84267 22303 89556 15257 80409 55148 95700 76835 85628 10853  
83153 89271 60913 22448 57998 24217 47500 64171 84018 76495  
96377 04170 47006 95817 80730 07701 69367 83839 12466 04059  
28217 88067 37164 44327 66515 56060 66218 77188 93166 41821  
60873 53152 28360 65976 72537 24951 37843 68482 46666 10559  
82054 35490 03538 40824 70141 16866 29352 17209 13571 00281  
11211 80632 76728 10007 77732 45321 14055 06234 01882 46290  
09104 33987 27320 35277 58767 69907 83420 12912 66351 37579  
83415 22537 43909 92129 05150 84144 83219 48368 97637 37351  
06389 22907 70088 01715 18449 29777 01523 29426 28390 87747  
10100 22986 000 000

**14377/13461/12114 kHz, 10-11, 1200/1220/1240 UTC**

**10-11, 1220 UTC: restart after 3 minutes**

317 317 317 1 6098 97 6098 97  
35266 60188 62362 72325 92844 56291 89115 46134 93268 50288  
52092 06711 08270 61208 01976 59269 53305 58295 79924 01461  
37207 33336 04125 64124 89351 12725 45645 71322 24924 27668  
69213 44786 15071 58778 41992 30018 35048 52500 34460 64118  
40983 50289 43603 55686 22665 96296 99923 36203 50616 98434  
18255 23223 87320 54369 92551 25506 12945 06361 93965 76400  
45735 82743 68262 67860 81649 63893 51401 64697 79935 11249  
08801 38338 54717 53156 11992 81398 50403 72488 71201 32850  
79787 88873 15453 40670 29368 08878 63781 52534 84656 27777  
36058 85006 00096 88537 24231 72805 31005 000 000

**12162/11566/10711 kHz, 11-11, 1710/1730/1750 UTC**

546 546 546 1 3714 113 3714 113  
36906 84431 28170 13017 98629 95326 58908 71262 08115 10675  
63720 49707 20265 49092 90386 07578 89660 20603 74190 06450  
11055 59859 74028 23552 33954 49486 32066 82114 22005 34807  
60926 80101 64095 53360 92419 13800 91309 23798 71098 82140  
91107 36825 51191 41992 26382 82421 91390 89326 65443 50083  
62127 37379 11506 38192 57636 71946 71584 60127 15534 49370  
79167 96850 17911 05650 26910 02381 78248 89905 91515 46414  
92777 10057 72942 35423 06600 10756 47242 50477 89238 62192  
91184 26776 02483 90526 30744 02323 89837 26309 92716 65498  
56929 84633 03537 14110 37537 02688 57337 10638 89968 67434  
14385 81548 67857 39255 18722 47841 28236 13478 04142 00495  
64873 36161 12035 000 000

**11435/10598/9327 kHz, 11-11, 1810/1830/1850 UTC**

938 938 938 1 2165 71 2165 71  
70201 03494 85451 32271 79932 86104 08071 58061 17982 99958  
72043 70972 32453 94745 41569 90113 97516 78633 59347 83442  
41503 67343 69743 67386 08409 58191 66798 71470 05197 61800  
19581 67507 76437 02766 42575 56433 30080 60881 96493 40826  
34136 94825 03164 75620 93957 78541 57169 98610 22621 54755  
94527 04668 18410 22574 88417 66642 30082 12889 42039 37428  
39006 09340 38245 08699 03670 68024 91359 30911 18485 60589  
41538 000 000

**12162/11566/10711 kHz, 12-11, 1700/1720/1740 UTC**

546 546 546 1 2215 107 2215 107  
84076 17689 85635 50595 97788 48567 53104 47060 41994 84240  
04153 07281 22913 44691 79880 78730 06056 12564 74258 22860  
38322 16256 29870 51342 28954 37208 59136 13835 59001 76442  
18337 58889 43260 28509 22096 38937 62777 66751 25931 16398  
80450 88474 69412 16493 60986 73685 64958 68179 81015 30809  
51461 81592 41627 19936 34605 40732 64689 40339 43244 65833  
31536 15416 73165 05723 16532 01268 82498 59328 95162 01683  
18502 75215 92828 59170 02443 54901 85327 06371 07168 67986  
10883 93176 26197 49547 85350 30856 85040 86488 65618 35293  
61408 56289 95508 75789 85761 39266 77819 60955 13598 19531  
78395 14795 54522 16401 65138 40870 33858 000 000

**12162/11566/10711 kHz, 12-11, 1800/1820/1840 UTC**

546 546 546 1 1197 110 1197 110  
36446 21787 15844 39119 23694 95051 18067 89137 41831 31586  
21513 09407 70275 25165 47844 14381 79188 92836 84169 49078  
79822 43171 56689 78386 97896 96240 23593 71964 61011 28262  
56218 01852 71778 10651 69639 86784 14524 61413 62347 54329  
11655 59910 33011 35521 06524 45164 33492 97068 62209 22223  
99009 56401 08276 99181 55834 83431 22925 43396 33958 89549  
30408 30650 11188 89011 65118 25356 88038 18831 46795 12160  
98322 79226 77191 31797 90607 07267 04656 04700 15673 75871  
94190 82352 07645 31531 84795 44860 49557 62657 71280 49120  
69452 57245 43657 02179 04054 71880 53664 54922 80193 34600  
28429 19815 38440 07012 52840 02120 24888 69462 65878 06782  
000 000

**14377/13461/12116 kHz, 12-11, 2000/2020/2040 UTC**

317 317 317 1 3392 103 3392 103  
97713 51689 07234 57615 78122 56411 03693 22882 22602 26123  
49175 05488 87478 60202 38883 41100 84186 12832 68904 47925  
14100 51241 94480 45607 42985 59748 62848 42171 90422 23009  
91851 94345 53854 65095 13997 37653 18749 53329 99725 51976  
63048 51977 17713 76459 21706 16631 28996 77253 34557 11688  
87373 56086 95555 38845 93826 86224 99752 44151 17483 88994  
32139 59014 94747 97020 86334 19987 96280 68467 53902 70013  
08795 69787 60235 32930 13455 46217 18757 18223 71581 41559  
51712 64131 07516 72663 49693 97530 21622 91520 77903 95314  
15924 54782 98838 81296 56356 70553 34398 71476 53701 88624  
83458 51357 58148 000 000

**16275/15975/14675 kHz, 16-11, 0010/0030/0050 UTC**

295 295 295 1 9753 140 9753 140  
86600 89931 82182 52438 23884 52201 99338 73646 98648 21128  
62985 07171 32906 20398 93786 72870 91984 92418 31288 95844  
20204 34220 11344 23410 33889 03047 01324 72771 28677 16207  
04050 72424 53427 88938 42103 87343 77874 26406 42837 37871  
90243 49285 19952 51057 44362 81976 43692 13981 85338 78832  
34816 50906 25839 05143 67694 52977 46783 93532 13617 88545  
55224 12301 68685 94959 11855 85277 61987 77263 31807 40082

13223 51105 71762 83068 13281 12026 20700 98341 18306 46122  
88234 53788 50207 16619 76315 17011 20871 04440 37192 98468  
43161 23349 34674 31517 10030 95660 74584 86379 94938 32198  
09685 72234 60180 36479 82552 78450 75722 76919 59682 86566  
52191 91045 19343 81517 75861 60272 12960 44981 53799 31775  
86574 92218 61528 88617 45724 70723 52807 30879 32299 57541  
43015 50106 01162 99149 34724 40635 24040 82818 22204 51640  
000 000

**14377/13461/12114 kHz, 16-11, 1300/1320/1340 UTC**

317 317 317 1 8715 99 8715 99  
00380 56757 15557 94595 36548 90793 29873 31936 08109 46441  
24521 44990 59725 27823 84234 54544 35281 84668 82931 10847  
78203 72185 09457 96916 71245 54912 55076 53144 52807 98452  
50780 65857 23060 48681 54470 42265 70396 48260 95571 22293  
01546 05075 33200 10096 66972 09758 10225 54925 87517 52570  
21226 32716 18583 21945 60838 91806 73045 07061 36764 92674  
43123 13947 23748 88023 40321 03288 64152 32814 68589 99276  
11330 30803 71060 72224 50886 65432 00426 40858 34786 58971  
77020 13563 86482 76795 73631 12021 85624 30225 15110 79959  
90014 30618 92355 29238 63534 12533 22421 75480 34136 000 000

**6937/5737/4537 kHz, 16-11/19-11, 2210/2230/2250 UTC**

975 975 975 1 7704 54 7704 54  
27196 68825 19403 92930 62736 15219 23516 24549 53728 73184  
42274 93928 13303 77106 84628 93845 50234 25288 11100 78227  
23899 62453 05786 67534 02062 85369 03743 71899 99220 63925  
15737 43515 80757 80458 86464 42496 71940 41200 51833 01276  
86772 48999 53309 71434 66258 92439 11684 73570 29799 99610  
83456 45290 09062 93030 000 000

**9317/10484/11552 kHz, 17-11, 0530/0550/0610 UTC**

**0530 UTC:** Restart after 2 minutes

135 135 135 1 6403 110 6403 110  
43539 26936 40303 49017 16829 88611 19748 90103 92743 56435  
04054 75330 39724 42923 38088 89284 23360 78290 47799 95599  
26291 24276 81098 96017 50019 60088 33492 51358 36531 32800  
24313 26095 23382 46573 83534 95696 31085 90369 80305 92607  
66161 98973 79131 13533 43975 80574 78620 79366 00622 89084  
66272 36413 93126 83823 19863 37756 89637 06896 05137 68354  
50752 78639 59854 96846 24853 59854 96846 43111 82100 19501  
06588 00881 02117 82774 27746 75744 29742 82616 35291 60931  
92769 39121 43449 04698 66600 64830 65425 01159 91391 00800  
14055 35762 80824 99198 82098 52689 55828 24972 34530 82152  
19911 93069 09866 22542 59364 47799 21167 66608 93281 45977  
57627 000 000

**14377/13461/12114 kHz, 17-11, 1200/1220/1240 UTC**

317 317 317 8871 103 8871 103  
32634 17602 07738 95929 29323 88802 49354 80124 95723 90848  
63326 48495 28588 04190 93670 61184 89415 06099 96271 00832  
59949 36529 27557 34327 43290 31969 62758 90022 30807 20698  
66568 26936 17832 99068 23103 45227 25982 06176 21661 61477  
29016 25523 64763 67012 28395 17597 20445 34829 51939 83024  
80354 35054 59640 69200 19816 19097 76248 27901 74274 54423  
80923 92182 45087 87168 20292 66061 65868 67018 95077 24406  
82734 88096 21575 97490 17079 38410 22003 37410 86046 70318  
40495 12031 94894 91442 12292 46612 26235 28052 17090 37106  
56896 27570 45819 31432 10920 41388 65646 67273 42347 68907  
23784 56692 04694 000 000

**17432/18532/19132 kHz, 18-11, 0800/0820/0840 UTC**

**0800 UTC: Restart after 50 secs**

451 451 451 1 263 121 263 121

96285 26552 02988 50107 79178 76494 59993 05907 57006 23121  
08628 13728 46128 12227 71550 75013 83739 04578 88619 60302  
40034 52332 35619 74594 01228 86843 91966 18229 69407 10110  
70793 11502 41922 72533 54298 81609 57088 39597 05456 45484  
25911 26797 85024 02622 75369 33138 98406 14392 12424 83909  
26485 89807 33665 53470 32927 86770 76884 77721 75568 32230  
89573 74072 68726 81111 25091 03905 25242 24620 83352 30977  
03740 65035 83877 56848 20111 74925 98219 31043 12265 05727  
76589 17759 68181 97025 17412 29587 52902 34920 14272 89795  
85371 53011 62106 99620 22429 71893 82587 67839 24989 37172  
63320 86762 31114 30237 60264 90718 86151 37983 95563 12612  
40324 25823 19625 73399 07819 26831 03583 31172 84675 28068  
97893 000 000

**12162/11566/10711 kHz, 18-11, 1710/1730/1750 UTC**

546 546 546 1 9421 111 9421 111

48725 76912 07620 61088 86245 78859 43313 09213 98627 46456  
04628 86367 87417 63589 78858 09971 13388 07025 36545 14540  
00659 25038 86555 45527 83226 13407 54560 17796 46647 70990  
68272 78398 81062 41954 67662 16758 03491 71742 24807 25022  
51443 81540 00707 47144 23421 28680 56532 99952 65332 27833  
54679 26131 05744 45377 57518 60009 40254 10830 27642 08998  
63057 89482 15136 92293 46965 70087 81122 10676 15919 75373  
76953 03309 88504 93905 96421 87877 26259 21682 76588 30879  
35233 11735 35627 15911 77188 20648 88174 63028 04229 10306  
70752 54430 15257 43881 84721 34986 27570 70658 18716 41754  
82588 33439 15678 39450 47399 97567 17348 02797 36257 62933  
46250 000 000

**11435/10598/9327 kHz, 18-11, 1810/1830/1850 UTC**

938 938 938 1 2027 72 2027 72

65713 66170 33007 88522 79034 94379 48524 97765 79930 95393  
64265 64363 13475 47768 11974 80635 41433 05977 43023 45185  
27712 45517 67018 09045 98083 81640 28872 64318 40700 72843  
44636 37873 39014 79292 66850 80085 53215 71518 95574 59552  
79926 86127 37018 06966 54103 01005 84458 54946 10235 15394  
80997 38896 75078 82533 67594 41841 48166 85584 75079 60546  
90968 15942 20472 93300 37686 16708 45372 48585 35062 61250  
27443 13006 000 000

**12162/11566/10711 kHz, 19-11, 1700/1720/1740 UTC**

546 546 546 1 2829 106 2829 106

51634 27778 51655 06135 40525 65204 32990 80350 49608 84944  
02507 55477 64634 32647 93531 43447 15754 16814 26573 92365  
67475 66292 10906 07183 63504 27792 20890 41907 44983 26513  
10428 32432 89270 02092 97118 14662 52660 16507 16578 51182  
96593 49347 86716 63678 46020 31323 92842 96625 22128 58412  
24307 35289 25017 68396 96315 24745 57200 48778 33733 72052  
75542 51245 98834 42002 70502 58078 94128 92874 36319 55488  
41924 79416 70455 46554 24068 06317 94294 84871 07707 32764  
90836 08344 05346 27516 07844 57285 89768 95923 00430 43335  
56594 11481 35585 18757 68286 02430 14839 13726 70010 45579  
56768 64733 97189 96194 70499 68072 000 000

**12162/11566/10711 kHz, 19-11, 1800/1820/1840 UTC**

546 546 546 1 1489 104 1489 104  
49705 53567 02953 90781 07882 63962 12930 98242 20047 39668  
49300 61989 23846 82544 07268 97318 76378 28834 89459 81588  
03127 66620 87891 60063 94205 12660 72527 34101 51625 11433  
70959 61166 30022 62628 19057 78944 08222 73031 13437 51309  
85252 80371 72626 57795 32216 85771 64955 56703 69213 96171  
83346 62083 32654 23071 90768 49176 13963 20498 35870 32660  
65362 76761 61211 93012 18188 41054 13460 69346 63772 12651  
02449 74587 66110 36615 99655 81356 14443 88972 14569 91679  
56491 16990 60926 11781 57893 44965 75660 59522 18075 14297  
83854 78556 66332 13211 26459 67132 01987 37122 74965 55644  
71185 19258 06136 56459 000 000

**14377/13461/12116 kHz, 19-11, 2000/2020/2040 UTC**

317 317 317 1 9162 101 9162 101  
35605 06025 75423 48676 46561 22084 35051 42532 30339 63547  
40636 69083 75271 24819 23343 32264 86510 38794 51604 78617  
25454 07102 47334 19068 37964 16205 55092 31069 57660 78263  
77923 45703 44157 86310 99472 61366 23667 76867 83935 16182  
14153 83297 32140 08479 28732 59011 09445 81029 43884 52525  
21380 26838 92187 38691 88185 80896 24868 86542 23649 12010  
75506 49531 27975 54498 72279 41783 60798 78794 90239 44884  
77022 53801 31794 20098 66449 70975 02836 89563 39681 72286  
44908 03534 43151 03436 35354 60631 58101 63856 43118 98161  
47913 91351 07219 62035 64971 03164 88927 78972 59235 71022  
68714 000 000

**6859/7459/7959 kHz, 20-11/21-11/27-11/28-11, 2200/2220/2240 UTC**

849 849 849 582 109 582 109  
40072 14819 97805 41741 07998 52736 49167 87856 44672 80032  
65976 99152 20430 10517 05637 84068 86479 66627 71040 96614  
58374 85602 03835 22320 15255 52647 18790 76855 64529 17148  
77670 90260 40314 63542 56019 03214 71295 67593 87169 83062  
88976 81926 58630 53737 81263 34552 06098 17231 88072 49777  
23350 86007 14230 16970 71879 08905 63816 10017 20320 01574  
66508 24615 41832 22595 69509 22415 88219 26787 19819 71301  
47449 27762 18813 62304 18014 08119 86751 60930 37086 00557  
47235 91184 35233 19726 43184 12070 01333 51796 19522 03313  
82966 37424 20955 35067 38966 63257 85356 86259 22405 23475  
32293 16435 76868 84946 03695 00007 20415 09306 17551 000 000

**17432/18532/19132 kHz, 22-11, 0800/0820/0840 UTC**

451 451 451 1 263 121 263 121  
96285 26552 02988 50107 79178 76494 59993 05907 57006 23121  
08628 13728 46128 12227 71550 75013 83739 04578 88619 60302  
40034 52332 35619 74594 01228 86843 91966 18229 69407 10110  
70793 11502 41922 72533 54298 81609 57088 39597 05456 45484  
25911 26797 85024 02622 75369 33138 98406 14392 12424 83909  
26485 89807 33665 53470 32927 86770 76884 77721 75568 32230  
89573 74072 68726 81111 25091 03905 35242 24620 83352 30977  
03740 65035 83877 56848 20111 74925 98219 31043 12265 05727  
76589 17759 68181 97024 17412 29587 42902 34927 14272 89795  
85371 53011 62106 99620 22429 71893 82587 67839 24989 37172  
63320 86762 31114 30237 60264 90718 86151 37983 95563 12612  
40324 25823 19625 73399 07819 26831 03581 31172 84675 28068  
97893 000 000



**14377/13461/12114 kHz, 23-11, 1300/1320/1340 UTC**

317 317 317 1 8185 102 8185 102  
49069 85054 09329 52310 83616 99669 36829 70986 32300 10960  
43502 53273 78574 36827 36279 09187 91879 53085 21148 60768  
79465 50366 15118 29746 61719 97813 76564 10608 15444 77305  
42168 71698 61680 44187 18964 87973 29083 85322 44684 45429  
47544 66595 84475 07105 07429 44027 36739 06505 10753 22133  
20459 41743 15763 87826 22756 88953 23010 92497 33614 53977  
75511 08535 68493 60901 61842 98516 02810 21341 60804 04717  
82621 60986 36399 63997 18979 90855 32869 13752 72907 18884  
25192 47282 04513 94646 10422 67154 02512 75168 52066 79665  
70173 12006 42514 52333 35858 79228 61974 22289 33986 35436  
87772 60806 000 000

**9317/10484/11552 kHz, 24-11, 0530/0550/0610 UTC**

135 135 135 1 4475 107 4475 107  
42349 91569 23837 01313 35303 27622 33440 18543 28341 33031  
77338 17375 99742 01020 42161 23896 70272 21451 61696 63367  
32879 42094 57916 75742 77392 19567 10396 92945 77919 86436  
42202 86905 33655 93152 38177 58631 92096 68674 99810 46386  
38488 06608 56224 59644 14652 04090 98233 82751 01448 94872  
10958 74314 92793 60398 94998 62716 42984 33989 04571 34379  
29411 41702 76244 92697 99795 82346 23851 03209 19175 34626  
81823 34454 70730 15784 95288 09615 22909 97314 12835 50695  
17601 21708 16521 06570 37874 00078 61904 17060 71200 08323  
82950 56480 85151 84120 00878 70328 60992 74569 01520 27529  
56430 48773 90174 32426 26582 33419 01939 000 000

**14377/13461/12114 kHz, 24-11, 1200/1220/1240 UTC**

317 317 317 1 8104 101 8104 101  
94399 52636 25860 82519 85189 20169 71656 32831 39636 37570  
12037 95581 37024 92831 15950 64007 25858 55484 22412 94775  
81357 35689 96187 37731 33305 09442 99538 38736 20123 39918  
75799 08491 18994 21928 41895 52362 31912 07516 74904 07616  
64156 16395 26364 05153 15697 39764 97506 90111 51576 63561  
79550 72375 29258 56626 42934 16456 60505 57599 37183 06114  
71541 09377 49179 92172 32111 27727 59297 85574 87070 03899  
09796 51286 33787 44301 09112 27243 27937 06150 70919 13246  
94612 68981 57255 47043 57584 15406 54113 62850 76358 09419  
01768 70580 07369 56804 26071 64456 04851 61271 06739 34157  
98241 000 000

**12162/11566/10711 kHz, 25-11, 1710/1730/1750 UTC**

546 546 546 1 6833 105 6833 105  
94544 95569 09229 29834 39962 05672 68491 19057 35164 74737  
10574 43046 68030 40707 36686 19676 16242 61067 18669 48161  
05315 34177 58506 54600 75822 73347 53996 93373 71823 51035  
88295 20401 41214 12395 39826 44618 80835 54511 80626 66885  
21451 85463 42204 83079 03432 97237 82047 83023 04227 60967  
43688 77719 01655 66348 23647 25395 90621 96375 14129 93876  
80644 60540 41146 43759 56953 67262 37264 08260 82518 66177  
50224 89137 17122 21048 39652 11572 87629 51133 42638 15957  
20984 28419 02455 78711 10913 05881 17143 83550 27194 36870  
96988 43878 87662 54729 65854 56446 23523 40333 48866 18225  
46401 29027 59176 57172 85893 000 000

**11435/10598/9327 kHz, 25-11, 1810/1830/1850 UTC**

938 938 938 1 6511 75 6511 75  
11725 10283 33402 09614 91554 84084 16215 56057 42106 17762  
92702 18795 72826 34623 73065 68961 32315 54421 25866 32699  
87705 87267 74953 33009 57623 97421 88425 29208 69280 67123  
48620 04929 13278 63532 10915 03596 63008 25831 86444 44871  
95960 03102 67550 08450 64740 30249 80734 47269 94389 25534  
81824 30534 31030 51306 92623 61638 09989 71184 39813 84783  
32338 12896 58610 74632 78110 70391 54712 07599 61841 11092  
34912 25764 53884 43203 60711 000 000

**12162/11566/10711 kHz, 26-11, 1800/1820/1840 UTC**

546 546 546 1 7742 111 7742 111  
09988 20646 71441 19623 24446 34636 32416 30039 35086 31590  
33800 50980 71911 74421 08765 91152 45359 71853 08580 40876  
04388 89113 62892 72847 76850 89939 80705 93225 02064 87352  
98107 60761 74256 66737 98413 93963 26871 86022 26021 17349  
49152 91040 63151 58305 50454 84535 37858 69056 39112 55990  
08885 76129 16450 43753 54975 92500 26654 38105 15585 34870  
64689 97898 39122 21815 64686 52330 97840 79883 56081 39004  
20700 80699 57766 46008 37837 17567 40559 07503 83951 53915  
73010 46271 79616 89258 37974 89570 26133 72893 66708 11997  
75829 81771 66917 29157 52704 70631 19786 85959 68377 00820  
78640 13794 65191 87400 15789 99390 74918 18215 08293 37413  
99257 000 000

**14377/13461/12116 kHz, 26-11, 2000/2020/2040 UTC**

317 317 317 1 2697 102 2697 102  
29406 33253 73676 79438 78962 31086 94986 08140 24403 05700  
15566 31410 68261 82536 91953 17492 60003 94709 15968 83089  
96388 68738 12725 94021 50875 38458 77675 85055 85254 11375  
21332 61583 46445 00324 69113 11668 81707 05288 34070 80205  
19881 43348 26632 49832 35858 58847 55669 97014 08959 79660  
86991 53139 64893 15088 11810 60042 42998 22339 04413 94576  
00103 75881 27657 15923 09077 90224 29793 52653 53496 85623  
96869 06512 64139 73700 15499 04364 84550 55485 26235 83981  
75774 38157 52221 90831 07940 17397 46943 55346 90608 46550  
87006 24856 87812 59368 58182 46305 65146 08765 62277 83730  
29242 37601 000 000

**16275/15975/14675 kHz, 30-11, 0010/0030/0050 UTC**

296 296 296 1 465 126 465 126  
15545 09269 03247 97670 93766 64571 29112 11137 47467 06529  
99209 55530 83750 92026 59967 10039 25832 40331 91818 04098  
62160 62638 07385 95667 79583 41781 56605 63183 98223 24503  
64297 80278 01435 60829 29244 10800 95646 45373 15995 50813  
53084 04167 30961 01468 04576 29611 52433 62748 31798 32270  
62122 61426 17807 96294 13695 10437 19983 66726 00373 08902  
12085 69984 66160 98300 51201 52404 52845 90393 08215 38819  
93112 87884 33073 47283 50120 66655 71343 93578 07973 85558  
06478 50837 88373 97490 69730 61284 95778 70239 39732 23059  
09817 13921 10027 08513 31184 53521 06756 04300 92952 04344  
29883 51172 93243 57158 28057 33727 63972 53158 45462 69875  
66756 74238 44992 27257 54356 49590 76103 43289 49125 43196  
70189 63838 21348 47534 01262 50977 000 000

**14377/13461/12114 kHz, 30-11, 1300/1320/1340 UTC**

317 317 317 1 3961 104 3961 104  
18533 91047 90007 15391 98762 17057 81710 26420 23178 38550  
94093 25579 89163 15346 86978 74265 72776 65066 13203 11532  
71340 35790 80838 71504 48477 93755 32247 93638 60793 93692  
28776 53063 84442 34699 72214 84236 13376 78196 53307 73405  
48898 18847 97946 77737 21619 34714 69035 99453 75872 44274

58056 35361 76856 70335 00768 52749 71110 59634 31743 15138  
82910 65151 21150 04583 91539 29976 55463 13638 23060 85857  
46764 91616 63447 49066 58976 21317 85385 63557 61178 09257  
96273 45998 68665 71267 47429 27795 19021 23926 57692 66769  
04190 29449 54446 85624 21978 14441 42812 20395 73257 28654  
11542 41402 65404 63321 000 000

## M14

**4730 kHz, 07-11, 0800 UTC**

**4650 kHz, 07-11, 0900 UTC**

523 183 183 31 31 = =  
78123 45781 90123 45321 67452 89124 79619 24341 67451 89670  
10985 23187 66239 11920 27410 28630 56535 06406 10095 01049  
86754 28384 90562 11134 88895 99981 21232 67499 09092 56789  
74351  
= = 183 183 31 31 00000

**4636 kHz, 10-11, 1820 UTC**

186 276 276 30 30 = =  
27589 96708 14474 64813 74457 74973 55044 21503 25908 59882  
71907 01228 26748 55250 22365 09204 28611 92467 68633 79888  
61418 99961 73607 78524 93147 68718 13599 69883 85558 33703  
= 276 276 30 30 00000

**4761 kHz, 11-11, 1920 UTC**

748 276 276 30 30 = =  
27589 96708 14474 64813 74457 74973 55044 21503 25908 59882  
71907 01228 26748 55250 22365 09204 28611 92467 68633 79888  
61418 99961 73607 78524 93147 68718 13599 69883 85558 33703  
= 276 276 30 30 00000

**4730 kHz, 14-11, 0800 UTC**

**4650 kHz, 14-11, 0900 UTC**

523 523 523 00000  
523 191 191 32 32 = =  
16432 76541 81490 62311 72985 76598 45631 67854 65419 78648  
76505 54271 65390 72549 67538 65345 67431 67543 98732 48329  
34731 83857 73981 65392 64231 23612 72456 72319 74274 72435  
76345 63190  
= = 191 191 32 32 00000

**4730 kHz, 21-11, 0800 UTC / 4650 kHz, 21-11, 0900 UTC**

No transmissions

**10233 kHz, 24-11, 0625 UTC, i.p. contains errors. Exercise traffic**

\_\_\_\_ 51081 75683 34382 56536 21239 83089 45363 46014 66096  
24280 00125 20830 09857 31364 82083 83823 03517 36831 03280  
94230 63293 77752 37799 42745 85105 11936 90131 51858 29690  
74240 00030 00014 00000  
= 014 33 (20 second pause) 000 000 000

**4730 kHz, 28-11, 0800 UTC / 4650 kHz, 28-11, 0900 UTC**

No transmissions

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

**4951.5 kHz, 02-11, 2044 UTC**

=992333??0????? 992334??0????? =992335??0?????

**5732.5 kHz, 21-11, 1907 UTC**

=992208??8????? =992209??8????? =992210??8?????

## M23

All transmissions started and ended on the indicated times; sometimes 30 sec to 1 minute earlier.  
All schedules presumably started on November 3<sup>rd</sup>.

10184 kHz, 04-11 / 26-11, 0758 UTC	OTE (R30)
10184 kHz, 04-11 / 26-11, 0858 UTC	ST3 (R20)
8166 kHz, 04-11 / 26-11, 1543 UTC	SET (R30)
8166 kHz, 03-11 / 26-11, 1628 UTC	SET (R30)
5345 kHz, 03-11 / 26-11, 1818 UTC	3OS (R15)
5345 kHz, 03-11 / 26-11, 1858 UTC	3OS (R15)

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

8560 kHz, 03-11, 1602 UTC Russian Air Defence i.p. ZBJC AR

## M51a / M51b

### M51b: 3881//6825 kHz, 21-11, 0841 UTC

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

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

CWXSD QGBAH DNXJR IKQLA PMOLI 19756 VXGDT ELAMP QNWJE DGFTR  
IKUHY BCGDT ERXFS QJKLM APOIU NBVCX WGDFE QJAUJ ETSFX WBSHA  
OLAPM NWJDT DFEYZ 37628 NWBXC DFSTA 18649 NXJDY QKLIJ NBVGT  
UJDFX WBCDF CHETZ QJHAU NWKJI SLQOP MAIUJ NDHXC FVXWL NQJET  
YUETF CBXHD SJAIN 46392 JNXHR WXQKJ LMAPO NJHGY BCHDT WJHSU  
UJIKO QLAKI JNHYT BCDVR SKLQP AUJXC VQHUE BXUET YAHSK 67494  
QMAPP JKGFT CVXBD SFAUJ QKLPA MQBXH CVDTE SHJUY NWKQL AMZHA  
JNHDF ETXCW WXHSZ VBQHA NJKHM POIUY UHDFE XVSFG 45673 UJGDT  
VCDFE SCWXQ BHJUI LKAMP NXMQO BCJFT XJQUE DGXUA ZHJSF

CNCSI CNKQO AQLPS ZNXW CMNVB AKSOP QWEIU XBSAJ LHKJY 65489  
CARQF .,?/VA QAJWU XBSGH CKWOI AJDGE QOWUN CMNSH SWPEO XHSWU  
.?, '= DARGD 52017 ALQSO SJNXI QALPS XNBHA SHDYW XNCMS ZMXLP  
WUEYY 10478 NXBHA .,?AS/ ALQPW XBSUW ALKSO XBCHS SJWIX BCNCJ  
CMSKW CZFST 12036 NCHDG .',+? ZNXJS QPLOS DHDWU XBCNS AJSWI  
XETYC VNMSK AQOIW 89564 NVMDW ?/.VA' JQIAL OILPU XVAGW DHFGR  
VNMEI SAHWU SDPLI CBSJW 23561 XBAGQ .',AS/ NCPOE XBSHW SKWOP  
SABWU CBEYD NBMCK SAJWU XCVWY 43692 NVMDW .,AS VA. BXGSG KGMGL  
RISFE

GDHQJ ZUSGQ WBXVD XNAIK QLAMP XNWB DQJEU AIKJU RTDGS DFQJU  
PAMLK CNDYE ZISJW QNDHE AUZRE SGQJA KLPAU NXHDT RUSHZ QJUHR  
JHBTR VXGRY 46278 QJAUH WTERS 10963 SNBXH RTDFS AJKIU YHSTR  
UJYHT DFSRZ AMQPO KLIYH DFSGC XVSCX WNBQH ZRATY 46378 SJQKA  
YHUTG BCHDT RFSHA QCWGD SJQKI LMPAU JHNBV CGETD SHQYZ AUJHG  
YHNBG CVFRE SCXWE ABHJK LQJUY NHBGR CVXGF DGSU JKLUY TGFVC

etc. continued after M51a

### M51a: 3881//6825 kHz, 21-11, 0918 UTC

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

SAMEDI 4/LEÇON NUMÉRO 1/2 VITESSE 600 CODÉ =  
CNCSI CNKQO AQLPS ZNXW CMNVB AKSOP QWEIU XBSAJ LHKJY 65489  
CARQF .,?/VA QAJWU XBSGH CKWOI AJDGE QOWUN CMNSH SWPEO XHSWU  
.?, '= DARGD 52017 ALQSO SJNXI QALPS XNBHA SHDYW XNCMS ZMXLP  
WUEYY 10478 NXBHA .,?AS/ ALQPW XBSUW ALKSO XBCHS SJWIX BCNCJ  
CMSKW CZFST 12036 NCHDG .',AR? ZNXJS QPLOS DHDWU XBCNS AJSWI  
XETYC VNMSK AQOIW 89564 NVMDW ?/.%' JQIAL OILPU XVAGW DHFGR  
VNMEI SAHWU SDPLI CBSJW 23561 XBAGQ .',AS/ NCPOE XBSHW SKWOP  
SABWU CBEYD NBMCK SAJWU XCVWY 43692 NVMDW .,AS VA. BXGSG KGMGL  
RISFE +

SAMEDI 4/LEÇON NUMÉRO 2/2 VITESSE 600 CLAIR =  
CHAQUE CONTRÔLEUR EST NORMALEMENT CHARGÉ D'UN SECTEUR DU MINISTÈRE DONT IL S'ATTACHE À CONNAÎTRE TOUTES LES PARTICULARITÉS. LES CONTRÔLEURS SONT RÉPARTIS SELON LA NATURE DE LEUR SECTEUR D'ACTIVITÉS DANS DES GROUPES DE CONTRÔLE, CHAQUE GROUPE ÉTANT DIRIGÉ PAR UN CONTRÔLEUR GÉNÉRAL. LA DURÉE MOYENNE D'UNE AFFECTATION EST COMPRISE ENTRE 3 ET 5 ANS. LA LIMITE D'ÂGE EST DE 64 ANS POUR LES CONTRÔLEURS GÉNÉRAUX DES ARMÉES ; ELLE PEUT ÊTRE PORTÉE À 65 ANS. AU COURS DE SA CARRIÈRE, UN CONTRÔLEUR PEUT ÊTRE AMENÉ À CHOISIR DE SERVIR EN DEHORS DU CONTRÔLE. +

CQ DE FAV22 VA

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

### **5689 kHz, 07-11, 1242 UTC**

V 765G (x3) 7 DE 57BJ (x2)  
K HR CQ PSE ALL CY HR CQ PSE ALL CY  
MSG NR 2935 CK 50 45 1107 2050 RMKS CQ =  
U7D4 T756 4DTU UD67 DA76 5A63 D3AT .U5A TA7U TTTD 4U6T ... AR  
VV RE8 RE8 DE T35Y T35Y K  
VV RE58 RE58 DE T35Y T35Y K  
R QSA 2 QSA ? K  
IEC = 5921 AR K (Exercise related)  
HR WK NR 10 K  
R AS  
QSL ? K  
R 04W = UD67 III K  
R AS AS  
VV KYU7 DE T35Y K  
R QSA 3 QSA ?  
R IEC = 1589 AR K  
IEC OK HR WK NR 10 K  
R QSL ? K  
R 48W TO 49W = 63T7 5TU3 III K  
R SK GB

### **4321 kHz, 09-11, 1142 UTC, i.p.**

U345 67DN U345 67DN U345 67DN AR K (IP – Not how same 2 groups are being sent 1142z)  
4321 HR 7G GA K  
R IEC BT 2345 34 AR (Exercise related)  
S3V QS34 (1145z)  
345. S34Y 4 QS34 QS34 56DNU7 3347 3347  
3.QSL QSL QS34 QS34 QS34 55 6

### **4754 kHz, 09-11, 1130 UTC, i.p.**

FF NR 51/EX 1929 RMKS CQ =  
E3Q4/V8G5 AR  
FF NR 51/EX 1929 RMKS CQ =  
E3Q4/V8G5 AR HR WK NR 425 QSL ? K  
DE AS23 QSL TIME 0930 AR  
R R DE ZXCA QSL TIME 1930 HR WK NR 210 AR  
R DE Z85S QS ITME 193 NR 118 AR  
R DE ..  
VV AADY K  
VV AADY K  
DE Z85S QSL TIME 1930 HR WK NR 118 AR

### **8642 kHz, 15-11, 0215 UTC, i.p.**

596/XZ773/4923/05/07/27/X573A/COMM/9950 AR  
HR WK NR 1063 HR SVC GA =  
596/XZ720/9345/05/07/27/X520A/COMM/9950 AR HR SVC GA  
596/XZ720/9345/05/07/27/X520A/COMM/9950 AR HR SVC GA = =  
596/XZ720/9345/05/07/27/X520A/COMM/9950 AR HR WK NR 1063 HR WK NR 1063

**5248 kHz, 18-11, 1632 UTC, i.p.**

**Note by JPL: Suspect this frequency is linked to 8642 khz where similar traffic was logged on 15 Nov 20 at 0215z. Possibly day time and night time frequencies.**

596/XX070/5765/03/70/77..870A/COMM/9950 AR  
HR SVC GA HR SVC GA =  
596/XX070/5765/03/70/77/XEEEE =  
596/XX070/50 EEEEE =  
596/XX070/5765/03/70/77/X870A/COMM/9950 AR  
HR WK NR 520 HR WK NR 520 NIL SK NIL SK

**5680 kHz, 19-11, 0033 UTC, i.p.**

0830 RMKS 7900 TO 9619 =  
1001 6676 6661 6669 6661 6196 6760 6760 9670 6620  
9176 6606 9820 6670 6916 6660 AR  
= 1001 6676 6661 6669 6661 6196 6760 6760 9670 6620  
9176 6606 9820 6670 6916 6660 AR

**4315 kHz, 21-11, 1136 UTC, i.p.**

IEC = 4162 AR K  
R 7G GA K  
NR 2038 CK 91 09 1121 1930 RMKS = ..25 TO 7520 AR K  
NR 2038 CK 91 09 1121 1930 RMKS = 7425 TO 7520 AR K  
= = A44D NTAD NA3U A5N6 DU3D (Cont'd)

**4775 kHz, 24-11, 1148 UTC, i.p.**

DE FOW4 QSA 1 K  
H VVV K78Y K (All stations on this frequency)  
RR DE FGW4 QSA 1 K  
R QSA 2 NIL SK  
OK NIL S PSE  
VVV KFRW K  
R R DE R3 QSA 1 K  
R QSA 2 NIL SK  
R R OK NIL SK PSE  
VV POE7 K  
R R DE ... R DE QW7E QSA 2 K  
R QSA 1 NIL SK  
R OK NIL SK PSE  
VV SDU8 K  
R DE XC.. QSA . K  
R QSA 1 NIL SK  
R OK NIL SK PSE  
VV GTEK EEEEE  
VV ZTER K  
R DE SDF4 QSA 1 K  
R QSA 2 NIL SK  
R R OK NIL SK PSE  
VV INMK K  
VV F..  
R DE KKR4 QSA 2 K  
R QSA 2 NIL SK  
R OK NIL SK PSE

**5248 kHz, 30-11, 1127 UTC, i.p.**

6NTA AR  
HR SVC GA HR SVC GA = 596/XZ778/5290/X578A/27/03/57/COMM/9950 AR  
HR SVC GA HR SVC GA = 596/XZ778/6290/X578A/27/03/57/COMM/9950 AR  
HR NR 52 HR NR 52 NIL SK NIL SK

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

**4243//9054 kHz, 06-11, 1150 UTC, Q26: 4+4 QPSK 75/3000. Messages**

**4243//9054 kHz, 06-11, 1152 UTC, M95: CW**

V HR MSG TO YR PSE CY

NR 039 CK 54 35 1106 1515 =

5AA UTT TT6 3.. 3A. 5T.. AR 7G AGN GA

NR 039 CK 54 35 1106 1515 = (Repeats message)

AR AHR MSG GA

NR 12 CK 160 35 1106 1555 =

UTU TT6 3U6 3A4 TTU 773 35U 4AA 336 N3D 4A5 (Cont'd)

**4364//8073 kHz, 06-11, 1130 UTC, V26: USB. XSV85 callup in Chinese voice**

**4364//8073 kHz, 06-11, 1132 UTC, Q26: 4+4 QPSK 75/3000. XSV85 sending messages**

**4364//8073 kHz, 06-11, 1146 UTC, M95: CW**

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY

NR 0980 CK 452 35 1106 1654 =

TT6 3U6 3AN 3U7 TA7 773 TA7 773 354 367 4T4 NN3 (Cont'd)

**4243 kHz, 09-11, 1200 UTC, i.p.**

AR A HR 7G GA

NR 041 CK 17 35 1109 1610 =

UT5 TTT 3U6 3A4 TTA TTU TT3 773 35A U4T

353 4AN N3D 4AA 445 4D6 3DA AR (1205z)

A HR MSG GA

NR 18 CK 128 35 1109 1625 =

UTU TTN 3U6 3A4 TTU 773 35A U4T 353 4A5 (Cont'd)

**4364//8073 kHz, 09-11, 1138 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4364//8073 kHz, 09-11, 1151 UTC, M95: CW**

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY

NR 1008 CK 438 35 1109 1641 =

TTN 3U6 3AN 3U7 TAU 773 TA7 773 353 4T3 NN3 (Cont'd)

**4364 kHz, 10-11, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4364 kHz, 19-11, 1140 UTC, M95: CW**

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY

NR 1018 CK 527 35 1110 1701 =

TAT 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 (Cont'd)

**4243 kHz, 12-11, 1155 UTC, i.p.**

AR MSG AGN

NR 051 CK 53 35 1112 1520 =

5AA UTT TAU 3U6 3A4 (Cont'd)

AR A HR MSG GA

NR 050 CK 23 35 1112 1606 =

UT5 TAU 3U6 3A4 TTA TTU TT3 773 353 N3D 35U (Cont'd)

AR MSG AGN

NR 050 CK 23 35 1112 1606 BT (Repeats message)

AR A HR MSG GA

NR 24 CK 141 35 1112 1621 =

UTU TAU 3U6 3A4 TTU 773 335 AU4 T35 34T (Cont'd)

**4364//8073 kHz, 12-11, 1135 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4364//8073 kHz, 12-11, 1149 UTC, M95: CW**

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY

NR 1032 CK 222 35 1112 1717 =

TAU 3U6 3AN 3U7 TAU 773 TA7 773 353 4T3 NN3 (Cont'd)

**4243 kHz, 13-11, 1153 UTC, i.p.**

VV HR 7G TO YR PSE CY

NR .6 CK 115 35 1113 1543 = (Message NR probably 26)

UTU TA3 3U6 3.. TTU 773 35A N3D 353 4T3 (Cont'd)

**4364//8073 kHz, 13-11, 1132 UTC, V26: USB. Callup in Chinese voice**

**4364//8073 kHz, 13-11, 1133 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4364//8073 kHz, 13-11, 1146 UTC, M95: CW**

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY (Horrible CW operator)

NR 1040 CK 389 35 1113 1559 =

TA3 3U6 3.N 3U7 TTU 773 TT7 773 TTD 773 353 (Cont'd)

**4364//8073 kHz, 14-11, 1133 UTC. XSV85 sending messages**

**4364//8073 kHz, 14-11, 1145 UTC. M95: CW**

V BNGC (x3) DE XSV85 (x2)

HR MSGS GA PSE CY

NR 1048 CK 467 35 1114 1629 =

TA4 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 357 (Cont'd)

**9054 kHz, 14-11, 1150 UTC, M95: CW**

**9054 kHz, 14-11, 1203 UTC, V26: USB**

AR A HR 7G GA

NR 66 CK 17 35 1114 1530 =

UT5 TA4 3U6 3A4 TTA TTU TT3 773 353 U4T

35A 4AD 435 4D6 N3D 4D3 3.. AR

7G AGN

NR 66 CK 17 35 1114 1530 = (Repeats message)

AR A HR 7G GA

NR 28 CK 099 35 1114 16.. =

... TA4 3U6 4A4 TTU N44 TT3 773 353 4AT 445

AR 7G AGN

NR 28 CK 099 35 1114 1601 = (Repeats message)

AR A HR UP SB WK

**5672 kHz, 15-11, 0236 UTC, i.p.**

R QSA 1 IEC = 4207 AR K

R IEC = 4207 AR K

R MSG GA CY HW K

R HR MSG GA MSG NR 043/CCK CK 99 70 1115 130 RMKS 1795 TO 1938 K

CL = NPT RPT R = =

A75. .UAN 37N4 A567 UN7A UT37 D7UA 5D7A 5TUN ATU6 (Cont'd)

**4243 kHz, 18-11, 2331 UTC, V26: USB. Callup in Chinese voice. Female operator**

**4243 kHz, 18-11, 2333 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243 kHz, 18-11, 2349 UTC, M95: CW**

V HR MSG TO YR PSE CY

HR 7G TO YR PSE CY

NR 074 CK 13 35 1119 0601 =

UT5 TAN 3U4 3A4 TTA TTU TT3 773 353 4UT

44D 4D6 3D5 AR A HR 7G GA

NR 075 CK 12 35 1119 0602 =

UT5 TAN 3U4 7TA TTA TTU TT3 773 4UT 44D

DD7 NT6 AR A HR 7G GA

NR 064 CK 37 35 1119 0650 =

5AA UTT TAN 3U4 7TA N44 3A4 (Cont'd)

AR A HR 7G GA

NR 37 CK 088 35 1119 0739 =

UTU TAN 3U4 3A4 7TU 7TA NU6 7UD N44 7T5 (Cont'd)

AR A HR UP SB WK



**8073 kHz, 19-11, 0006 UTC**

V BNGC (x3) DE XSV85 (x2)  
HR MSG GA PSE CY  
NR 1066 CK 106 35 1119 0649 =  
TAN 3U4 3A4 TAU 773 356 35N 4T3 NN3 434 (Cont'd)

**4243 kHz, 21-11, 1146 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243 kHz, 21-11, 1149 UTC, M95: CW**

V HR MSG TO YR PSE CY  
.... 1121 1610 =  
AR 7G AGN  
NR 069 CK 62 35 1121 1610 =  
5AA UTT TUA 3U6 3A4 5T7 5TD 75U 354 373 (Cont'd)  
AR A HR 7G GA  
NR 42 CK 192 35 1121 1615 =  
UTU TUA .T6 3A4 TTU ... (Cont'd)

**8073 kHz, 24-11, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**8073 kHz, 24-11, 1141 UTC, M95: CW**

V BNGC (x3) DE XSV85 (x2)  
HR MSGS GA PSE CY  
NR 1083 CK 364 35 1124 1600 =  
TU4 3U6 3AN 3U7 TAU 773 TA7 773 TU4 773 353 (Cont'd)

**5555 kHz, 27-11, 1037 UTC, i.p.**

HR WK NR 160  
VVV HR 7G GA NR 843/CCK CK 299 38 50 9147  
NR 843/CCK CK 299 38 569147 44 RMKS BFS =  
4D54 DNTN 7AD5 ... QSL ? HR WK NR 23 K  
VVV HR 7G GA NR 297/CCK CK 455 86 1844 9056 RMKS 485DE TO 9993 00011230 .455 3067 1844 =  
4D56 .N44 TN45 TTAA AAUU AR QSL ? HR WK NR 19  
VVV HR SVC GA NR 4538497 RMKS 8.86 TO 5167 =  
CL/1856/Z=/8695/8695 AR QSL ? HR WK NR 01  
VV HR 7G GA NR 297/CCK CK 455 86 1843 9056 RMKS 4856 TO 9993 0001 1230 8455 3.67 1844 =  
4D56 DN44 TN45 TTAA AAUU AR QSL ? HR WK NR 14  
VVV HR SVC GA NR 4367058 4634008799 =  
SVC QRW 1855 QRW L180947 1845 COMM 887..NNR  
43 7058 4  
NR 4367058 RMKS 4634 TO 8799  
SVC QR. 1855 QRW L180947 1844/OMM 8887 AR AGN  
NR 4367058 RMKS 4634 TO 8799 =  
SVC QRW 1855 QRW L180947 1844 COM88 EEEEE  
VVV HR 7G GA 7G NR 012/CCK CK 389 12 1030 1020 RMKS 4856 TO 9993 0081 239 84553067 1844 =  
4D56 DN44 TN45 TTAA AAUU ? FM TTAA AAUU AR  
AFMFM EEE  
VVV HR SVC GA VVV HR 7G GA HR 7G GA NR 171/EX 1981 1200 ..RMKS BFS =  
4D5D 4444 N45T ANAD AUDA NA3T AR QSL ? HR WK NR 4 EEEE HR WK NR 59  
(Appears that operator is practicing, but doesn't realize he's live)  
VVV HR 7G GA VVV HR SVC GA VVV HR SVC GA K  
VVV HR 7G GA VVV HR 7G GA 7G NR 2.1/EX 191. 1030 1230 RMKS CQ =  
AR  
VV HR SVC GA NR 120 1230 RMKS 4634 TO 8799 =  
SVC QRW 1855 QRW L180947 184  
SVC QRW 1855 QRW L180947 1844 COMM .887 QSL ? HR WK NR 61

**4364//8073 kHz, 27-11, 1135 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**

**4365//8073 kHz, 27-11, 1143 UTC. M95: CW**

V BNGC (x3) DE XSV85 (x2)  
HR MSGS GA PSE CY  
NR 1095 CK 235 35 1127 1526 =  
TU7 3U6 3AN 3U7 TAU 773 TA7 773 TU4 773 (Cont'd)

**8073 kHz, 30-11, 1130 UTC, V26: USB. XSV85 callup in Chinese voice**  
**8073 kHz, 30-11, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages**  
**8073 kHz, 30-11, 1140 UTC, M95: CW**  
V BNGC (x3) DE XSV85 (x2)  
HR MSGS GA PSE CY  
NR .... CK ..3 35 1130 1622 =  
T3T 3U6 3AN 3U7 TAU 773 TA7 773 353 4T3 NN3 (Cont'd)  
AR AR A HR MSG GA  
NR 1108 CK 42 35 1130 1624 =  
TAA (Cont'd)

**4243//9054 kHz, 30-11, 1145 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**  
**4243//9054 kHz, 30-11, 1147 UTC, M95: CW**  
NR 087 CK 28 35 1130 1531 =  
5AA UTT T3T 3U6 3A4 5T7 5TD N44 5TN 75U  
353 U4T 354 336 37D 4TA 445 3DA 4D3 5AA  
75U 353 U4T 354 4TA 445 3DA 4D3 AR A HR MSG GA  
NR 60 CK 104 35 1130 1554 =  
UTU T3T 3U6 3A4 TTU 773 353 N3D 354 4TA (Cont'd)

## ***UM03 - Chinese X2M net***

**7920//8250//8410 kHz, 10-11, 0140 UTC, X2M i.p.**  
43 43 CK 100 CK 100 TIME 2040 TIME 2040 DATE 2810 DATE 2810 =  
A74D6 N57AU A3UN4 3DT57 UA3NT  
4TA75 76D43 5A6UD NT576 AD435 (Cont'd)

**4330 kHz, 12-11, 1148 UTC, i.p.**  
5D3AN 3N6T7 4UD5T 3UN7T AR  
QSL ..8 ..8 K  
II II QA. QA ABS 21239 21239 CK 50 1211 12U 1211 1844 1844 =

**8150 kHz, 15-11, 1048 UTC, i.p.**  
F 777 AR FI777 AR K  
QSL NR 5? 777 K  
4.4J WFM PCYFM KUIGQ BLTV JXARE DZHSO RSUBY CIPAT (Cont'd)  
AR (Both stations on this frequency)  
QTC K (1049z)  
QSL 01 ZKA QSA ? K  
?  
QSL 01 ZKA QSA ? K  
?  
QSL 01 ZKA QSA ? K  
GA  
ABV  
ABV NR 02468 NR 02468 50 50 2511 2511 1737 1737 =  
NDA7T NTD7U TUDAN AN4T6 D7TU3 4T7AN 7AU4T (Cont'd)

**6735 kHz, 25-11, 1059 UTC, i.p.**  
QSL 2 QSL F222 ZKA ZKA K  
OK ZKA U21 DE ZOJ K  
MZP MZP MZP DE XJK XJK QLP 10 K  
QLP 11 10 K  
? (Both stations on this frequency)  
QLP 10 10 K  
ZNN QRX QRX .. K  
OK VA VA

**4350 kHz, 27-11, 1134 UTC, i.p.**  
6T5UN 3A6NT II II II QBK ABV  
NR 01240 01240 CK 59 50 1711 2711 1837 1837 = =  
5AD4U 6U4DT 3A7N5 6TD53 U4AN7 (Cont'd)

## DIGITAL MODES

### HM01 - Dirección General de Inteligencia

Our Cuban friends were in repeat mode in November, sending the groups and files from October 9<sup>th</sup>.

Groups: 66012 17241 10803 16171 10125 67090  
Files: 50416601.F1C 20511724.TXT 46251080.TXT 01041617.TXT 74061012.TXT 57856709.TXT  
Files: <http://www.numbersoddities.nl/HM01-2020-10-09.zip>

### F01, F06, F06a, M42, M42a, M42b, X06 - Russian Government & Intelligence

#### M42 – various modes

10828 kHz, 02-11, 0530 UTC MFSK  
7472 kHz, 03-11, 1334 UTC MFSK  
6778 kHz, 11-11, 1425 UTC MFSK-80/250bd BPSK  
14930 kHz, 16-11, 0920 UTC MFSK  
13461 kHz, 16-11, 1345 UTC MFSK-32/OFDM-60. MFA Moscow wkg Russian embassy Lisbon  
13461 kHz, 16-11, 1345 UTC MFSK-32/OFDM-60. Russian embassy Lisbon wkg MFA Moscow  
13968 kHz, 17-11, 0915 UTC MFSK-32/OFDM-60  
12151 kHz, 17-11, 0930 UTC MFSK-32/OFDM-60  
12156 kHz, 17-11, 0935 UTC MFSK-32/OFDM-60

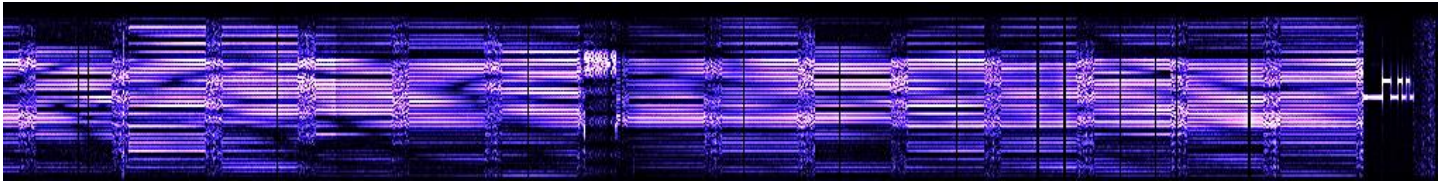
6774 kHz, 23-11, 1210 UTC 17xQPSK 62.5Bd  
7764 kHz, 23-11, 1210 UTC 17xQPSK 62.5Bd  
5899 kHz, 23-11, 1230 UTC 17xQPSK 62.5Bd  
7572 kHz, 23-11, 1230 UTC 17xQPSK 62.5Bd  
5474 kHz, 23-11, 1250 UTC 17xQPSK 62.5Bd  
6999 kHz, 23-11, 1250 UTC 17xQPSK 62.5Bd

12214 kHz, 24-11, 0810 UTC MFSK-32/OFDM-60  
10822 kHz, 24-11, 0810 UTC MFSK  
13903 kHz, 24-11, 0901 UTC MFSK  
11402 kHz, 24-11, 0911 UTC MFSK-32/OFDM-60  
16309 kHz, 24-11, 1013 UTC MFSK  
16348 kHz, 24-11, 1015 UTC MFSK

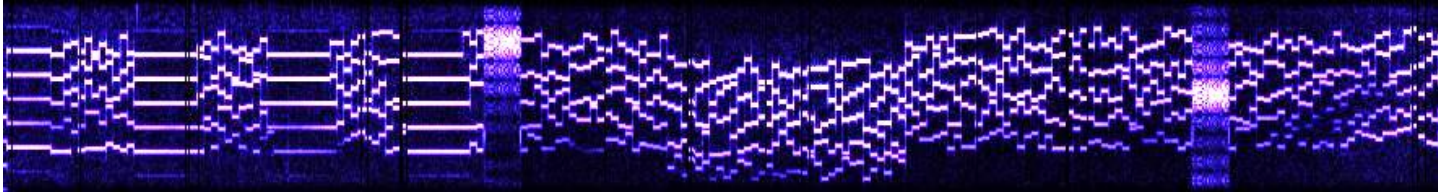
8162 kHz, 24-11, 1410 UTC 17x62.5Bd QPSK/250Bd BPSK  
13998 kHz, 25-11, 0610 UTC 17x62.5Bd QPSK/250Bd BPSK  
16278 kHz, 25-11, 0610 UTC 17x62.5Bd QPSK/250Bd BPSK  
8091 kHz, 25-11, 1020 UTC 17x62.5Bd QPSK

8141 kHz, 25-11, 1310 UTC 17x62.5Bd QPSK/250Bd BPSK  
7987 kHz, 25-11, 1320 UTC 17x62.5Bd QPSK/250Bd BPSK  
7534 kHz, 25-11, 1330 UTC 17x62.5Bd QPSK/250Bd BPSK  
6974 kHz, 25-11, 1340 UTC 17x62.5Bd QPSK/250Bd BPSK  
6774 kHz, 25-11, 1350 UTC 17x62.5Bd QPSK/250Bd BPSK  
5874 kHz, 25-11, 1400 UTC 17x62.5Bd QPSK/250Bd BPSK

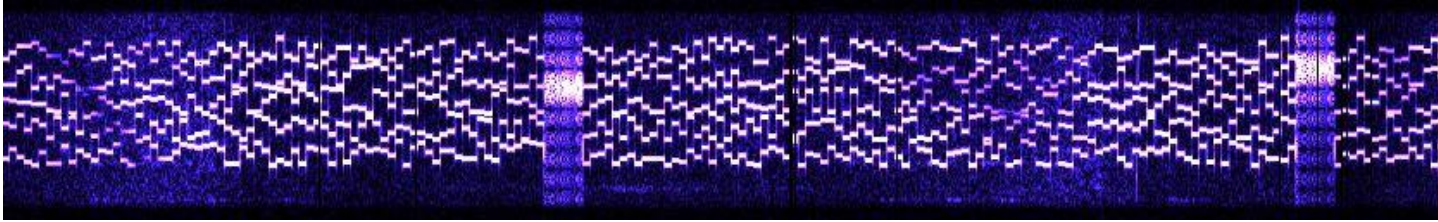
8162 kHz, 25-11, 1410 UTC 5xMFSK-16/250Bd BPSK  
7983 kHz, 25-11, 1420 UTC 5xMFSK-16/250Bd BPSK  
7572 kHz, 25-11, 1430 UTC 5xMFSK-16/250Bd BPSK  
6977 kHz, 25-11, 1410 UTC 5xMFSK-16/250Bd BPSK  
6778 kHz, 25-11, 1420 UTC 5xMFSK-16/250Bd BPSK  
5737 kHz, 25-11, 1430 UTC 5xMFSK-16/250Bd BPSK



17x62.5Bd QPSK/250Bd BPSK breaks



5xMFSK-16/250Bd BPSK breaks



5xMFSK-16/250Bd BPSK breaks

F01 – FSK 200/500
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**8172/6791/4546 kHz, 04-11, 1940/1950/2000 UTC**

Null message: 5761 00000

F01 – FSK 200/500 via Cuba
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Link 00116 via Cuba
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**20741/18702 kHz, 06-11, 2230/2240 UTC**

11177 00116 32594 06053 01889  
 43858 01410 99097 27182 40641 72259 72710 15393 99136 35448  
 59691 92879 36487 56835 65090 38673 91759 26359 86631 56502  
 34168 17901 07748 08729 76471 75012 20016 97246 23233 70978  
 17162 02297 08634 16612 27852 15122 03518 14263 79423 25416  
 96371 81435 09774 49493 77912 92488 69570 10110 83975 11827  
 81993 03895 76392 17045 52171 17310 66545 35440 43521 77081  
 11285 42348 63164 46045 35893 94729 23620 00334 63795 98451  
 72943 48861 57688 32692 10521 81012 01784 79918 30689 53509  
 79857 34861 61379 52363 28782 90937 89961 90869 72233 27548  
 93490 29571 64270 46690 15532 29133 97452 32331 56750 72065  
 55204 30965 71468 14232 13103 76804 87359 52076 18781 10032  
 90475 16517 05126 61563 42794 29435 16469 02749 24475 83691  
 52458 83451 18009 32633 59278 06941 76447 99986 22937 15049  
 42904 46124 44283 82007 13513 51593 00446 40419 61030 03882  
 22399 87795 61270 98339 43312 47096 89555 89198 97402 79713  
 79381 51624 73954 74330 60471 40747 56207 60100 18410 58594  
 99786 17579 43056 64880 30385 85842 57902 92573 65359 89247  
 47586 54189 88942 32241 25728 49744 35762 35686 10295 12306  
 62340 13127 98663 52076 11273 10427 53188 00000

**20741/18702 kHz, 13-11, 2230/2240 UTC**

11177 00116 53267 12054 01879  
 61832 53043 33544 93074 74809 23644 92383 02687 31096 01960  
 47179 86792 72489 64329 91420 46806 50862 69121 86937 16849  
 36706 43173 14869 12355 30886 84350 07198 81498 90569 34907  
 32294 26656 05242 05330 32899 88060 83760 53359 39980 06859  
 38383 47878 10913 09752 76705 72346 65412 82397 37444 47475  
 17656 23778 31010 77827 28031 98705 70797 52032 22960 30664

06138 51298 56215 02171 92853 45917 10188 54842 62340 84442  
60527 06355 75123 05228 52601 26490 69834 25027 63208 39447  
43516 84315 45979 44612 24234 54054 83914 72977 21894 33556  
97480 21380 68230 94158 81715 31778 81883 48378 70768 07717  
19521 49253 53330 85196 98923 49533 87369 00130 04989 75433  
87626 19552 14573 94618 84297 28802 01131 83118 76354 91846  
05065 20853 27918 26927 80741 70456 81146 64733 56108 19098  
84063 81288 65838 87966 56756 22717 43951 39132 44404 64105  
86844 34444 30550 69623 22675 26177 09065 46111 48017 84102  
38249 07305 17756 88665 25488 90893 99126 44976 15924 95603  
25867 97270 83556 30478 13389 48568 48234 93562 20934 15174  
66955 22165 71639 70746 72923 81886 66440 59592 60795 86614  
52771 83895 41558 66652 33979 54185 00000

F01 – FSK 200/500 Mon-Fri schedule
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**12177/10671/8024 kHz, 02-11, 1015/1025/1035 UTC**

91734 98739 80587 34205 00582 30863 34047 32804 85522 92555  
13686 18031 02582 11284 68527 68474 87058 50336 23985 31003  
47296 96421 13571 48055 44874 79385 71247 88149 90914 72493  
26612 90556 13194 46729 70100 60069 73735 77522 80399 72805  
41586 27361 31248 78988 50447 52717 19831 13629 95862 08731  
83929 51065 51644 50079 00041 64279 10223 51485 79631 74944  
76607 96277 05733 05121 70654 06468 77048 66562 17320 12761  
51771 48550 29584 87950 08295 90200 13747 92125 65010 48184  
51770 03135 26366 95792 40357 30737 47387 14287 91458 37889  
33846 62475 23895 17591 20252 35446 00776 98742 92872 48398  
92405 79435 49956 06509 69376 11127 16347 46773 55506 82133  
54689 62754 95346 73868 40393 48181 15913 88284 92562 20331  
87350 69930 78069 09131 12211 71089 30949 22929 98025 33406  
54330 26855 92878 84468 97062 94716 88636 72758 22239 20373  
21563 89426 09802 99513 24968 50315 60422 17790 13602 36674  
92829 06227 04477 18009 51790 49857 03796 05491 68914 60524  
14690 09372 43488 49771 45434 98843 35509 62770 22851 87773  
88114 59229 40567 94755 21596 52200 96822 50918 66179 40739  
01528 53921 25765 97353 57229 91583 89811 96167 43708 83575  
35552 92751 60861 14615 87727 91548 09583 57607 28029 61830  
15319 10164 71435 88136 23980 92931 51632 66114 24913 83185  
82698 79711 80604 82104 89254 20652 67813 39178 22248 36135  
59815 82187 02579 15693 04449 26174 59740 53152 77645 59869  
57664 44618 17149 32984 24970 08448 66076 92830 31782 38119  
81051 43688 80330 23953 84561 27362 01501 04626 66246 48378  
74526 34395 62799 92231 12023 76992 71171 10152 77531 62108  
74757 68799 27774 65419 87265 88350 96801 98081 43945 17388  
64231 16639 94866 18056 74736 89271 79939 59898 01016 79340  
90356 45831 67387 32148 46153 18677 76226 75855 44563 21710  
04421 72506 58864 11633 62026 80080 92405 47442 30329 11518  
17486 03605 21477 01662 53796 80985 26891 18037 66090 13978  
46626 76425 85787 97247 16882 47153 86183 80554 77842 63051  
65968 05075 49036 64998 20726 79665 04404 46010 07116 20502  
64258 79799 29410 02541 46329 44739 03092 96234 43079 79184  
75180 87928 17469 29070 05993 07401 34376 73736 42008 10957  
69837 40912 34545 93536 65323 46799 83914 28256 19201 22183  
13758 56832 32611 10530 05244 79322 51911 48982 45817 16621  
74902 68207 72187 44140 12997 72028 12239 20125 26546 82781  
55559 57040 75490 63332 07264 09445 52535 51684 04813 76826  
91024 69131 02505 44801 64720 87877 53323 13137 21658 69067  
42849 84028 19271 07165 54902 09065 52971 41616 73607 18320  
95381 21740 51579 80022 88392 35

**12177/10671/8024 kHz, 03-11, 1015/1025/1035 UTC**

39192 71666 59974 37760 65775 15458 07835 94156 96016 21924  
86285 66136 00135 91643 20655 67516 58131 54187 81619 40824  
03315 54487 60813 54063 99904 09622 98479 57744 21912 71939  
42866 00599 25467 59476 46042 27424 31802 39592 25833 07498  
63055 76764 48552 66988 98103 80486 12222 23820 40594 14194  
34972 48402 16380 51166 78300 98683 42530 88342 59882 02962  
35111 53979 35623 88875 47925 70094 55628 82038 59396 55638  
23799 22725 49783 81315 15717 74072 35918 12020 34522 20216  
55644 97783 09468 77808 19155 99222 66837 69354 69413 58369  
27911 31796 18840 50871 13672 58791 54454 80463 60935 00126  
28670 01669 79600 89103 00000

93005 07876 42334 59126 10456 53193 68543 34664 42543 45272  
85484 93820 69069 24110 73108 11127 11600 17040 40613 70250  
51816 24246 22779 89395 77313 41485 62332 76898 78269 37205  
64284 46667 43440 26249 33187 48181 28896 07317 29222 90732  
97967 56397 04091 66587 55800 93340 02614 02758 26989 63755  
41000 96084 49714 03436 97709 11300 84813 77490 77848 46765  
63242 11366 37043 97581 20339 55954 75721 70741 90353 53965  
39738 90071 00000

**12177/10671/8024 kHz, 04-11, 1015/1025/1035 UTC**

52422 77044 76297 57964 41898 07348 27487 37577 84735 77726  
21954 30899 96823 68184 37531 91140 39399 35865 89696 19495  
12453 25812 04125 21653 06039 71276 36994 03087 45434 63270  
41480 95284 10846 94038 03890 30137 79274 04153 97846 04650  
14450 87894 29994 03186 49149 36637 75629 69397 12460 24898  
27725 45071 72953 68754 07760 18042 47029 11313 11805 46384  
88606 14914 90306 51055 21099 64762 84993 94184 97612 13676  
71350 85197 00308 22627 80092 81956 14856 76778 96093 79106  
40928 81691 58176 00823 24663 69403 08233 40131 24040 69046  
63091 12005 43104 21710 07576 12418 95967 44233 32196 00536  
86548 71599 63903 46249 14953 32644 63351 10217 46470 38741  
87093 48625 04089 90170 38166 59833 70499 29849 53483 15105  
10496 99104 01488 40610 49732 75201 88489 42885 70757 95279  
97142 94929 12281 96415 05475 25145 82592 26477 59933 76285  
23080 05473 00863 26623 82789 42071 63873 90498 89942 34988  
05509 40461 31385 13925 26687 18175 75863 99738 92314 26284  
02096 88544 70545 18419 17571 89431 40095 29539 78993 70473  
39064 13793 50339 92732 53699 82082 59439 36940 70539 56527  
39036 52536 40373 84010 63258 83760 27447 75985 15430 52489  
42377 66751 48175 02484 82177 07368 21743 34766 25858 37399  
31490 88789 59033 01681 60462 49092 25961 04297 18010 82139  
32470 16941 50383 33015 48198 83875 34227 36674 81587 90640  
88926 23429 26068 88739 68747 23362 00873 93454 20683 99349  
34919 97002 18975 63395 67191 64205 12224 55936 62069 02873  
44037 92842 63030 26073 33153 09765 33174 48490 23967 58543  
55991 84051 43413 35351 94839 37010 25129 45260 34531 03668  
86839 32927 53496 26941 71905 34074 99952 70935 90964 27461  
70508 07732 24618 92034 14651 33568 73074 98933 13548 56603  
63716 93056 06604 23444 52509 43857 64207 76639 80198 70070  
30111 60310 69224 68053 81869 16119 72299 98420 82791 36749  
08587 10677 23824 69103 48412 10514 78822 84386 32440 99483  
21633 57274 36275 41714 78430 21353 16399 37362 13749 93014  
98396 07497 73636 80996 93409 20098 34384 23751 53738 11844  
30248 21841 03555 85403 58625 57533 05641 86891 86098 18798  
50105 93191 03803 69875 76006 63831 05542 35629 61826 37095  
87103 91838 45728 75057 90193 78654 61533 87240 39444 79367  
01368 87562 45923 31715 40894 64277 75584 63879 88089 67591  
06098 72386 41487 44644 20495 84092 68835 76535 11071 69432  
42101 97095 91974 99122 89756 98080 43929 61522 52293 50476  
39519 82809 51893 96610 22480 17191 12196 92743 39435 99308

89105 06849 47498 76047 98565 01240 46209 59923 52249 54763  
07213 71237 37092 04218 00128 61193 99611 09709 38054 33154  
20951 73611 91138 04231 93583 67831 41645 74398 35611 49063  
78972 95304 03598 91433 00000

**12177/10671/8024 kHz, 05-11, 1015/1025/1035 UTC**

31971 87444 14583 45832 38372 00155 17484 36285 66392 98999  
05330 43120 36141 13411 44679 71166 06996 91418 06427 03593  
13238 71599 94271 87963 13074 21911 07645 94654 99466 87611  
50054 02318 46222 15446 18779 90090 87772 46293 36841 41225  
56078 93455 13206 87836 23109 48780 42145 51443 22317 83799  
77687 59004 47557 38084 44115 39130 52888 11977 68424 28153  
01686 05929 45705 40752 38513 73583 73361 84814 82177 80836  
15116 25225 63424 88026 80743 26265 55689 97465 32462 27317  
72360 33484 53918 31551 28974 47190 42712 12295 93802 63114  
12393 66759 75243 92093 00000

41697 95818 10824 77191 37553 65990 86357 29306 25732 21764  
23903 31815 19113 27511 20196 17782 04961 04302 79300 76064  
45217 25095 57286 18423 30786 79934 56991 97115 88268 03366  
33831 77671 62574 81239 98575 96528 23848 79098 28033 58214  
72151 59333 19587 51776 38334 79299 50519 91126 04540 87575  
28046 09011 92768 60550 41027 59270 94954 46537 49263 07093  
42976 09589 71331 11946 42048 90207 56895 32863 15930 25145  
54422 10790 37392 93456 10250 07664 42368 81029 59937 06921  
51233 80743 97840 05115 45662 70468 35843 49339 74474 36081  
87190 00136 86933 31688 36357 93095 00000

**12177/10671/8024 kHz, 06-11, 1015/1025/1035 UTC**

Null message: 5761 00000

**12177/10671/8024 kHz, 09-11, 1015/1025/1035 UTC**

33796 07076 92834 00371 66560 39018 28573 36464 20255 04773  
99541 81085 86307 19965 51220 73430 94649 79046 54866 39780  
01670 63835 93957 44477 38814 55276 66753 21457 64027 59365  
59645 59794 83197 83163 71011 41681 33824 21858 90234 56288  
48071 42784 61586 37947 37404 77366 87667 02074 65996 56900  
52079 77297 05095 53122 66027 57212 85529 09507 68529 20190  
90548 74213 34936 90709 56185 70641 73428 40612 71322 66514  
14201 53752 94649 27438 20999 02451 30717 65869 79714 09208  
32237 21431 43717 92108 20864 33517 40605 17356 43602 92110  
70084 07371 07059 77772 47632 77891 56703 26725 73655 02524  
93348 81959 32833 28160 44011 16339 53304 89721 29368 38585  
80426 97651 94970 18136 44755 96601 98424 89771 28960 18744  
69710 23974 63350 80153 86835 73938 04704 93692 34006 35190  
78077 96836 34511 78728 86304 17878 75489 43653 16841 28946  
66793 00190 00680 59288 01110 19072 02986 67230 07543 08204  
50170 94273 15845 02547 23071 49757 73471 18166 70934 99526  
82662 06377 25892 57035 49728 68917 22601 00334 63730 20111  
52758 63374 46740 06921 09163 75062 42877 22859 99011 44509  
38293 76690 31128 15905 29306 01839 06801 41463 80869 17476  
68919 45868 42551 77186 89107 80664 14233 66187 97521 92021  
78691 33006 85018 50318 43269 66578 32377 14982 57811 54682  
46247 33017 01064 84672 06539 94661 52710 72425 54909 94613  
93245 30447 79066 72257 98866 11084 72546 29335 23569 85758  
74676 48494 85644 46193 20397 61152 00751 38525 54636 38116  
28759 66285 90921 01393 26555 23155 18918 80629 23984 41442  
90578 62615 65129 67226 39595 07295 82113 98094 13842 28718  
93594 44417 25488 64368 45173 00089 48480 81312 33872 33687  
18067 92596 83883 35978 12076 82340 65780 84701 18597 62955  
76366 12587 19801 12935 21363 89518 46538 68643 68109 54810  
83441 68545 60477 60510 29194 73324 13174 11673 41668 10300  
27630 14552 22609 15620 96658 68629 21561 72623 90065 63443



63717 69850 38411 66121 31383 27105 57098 10593 53741 63029  
77984 24382 84604 02616 80699 53947 72842 48102 40853 74489  
55174 61676 37335 95168 26013 33441 85870 95673 64044 33070  
91049 55068 20233 68587 33982 58870 96943 00718 37802 95281  
72862 86241 78183 76522 53402 48787 31056 46200 51292 00507  
74734 58642 27022 63065 88608 41152 43843 61382 15619 75106  
17003 88571 80681 56832 61911 65502 82256 24218 70914 43430  
99254 59978 73371 23131 80459 07511 58720 88981 08654 60303  
67219 81405 56649 10799 78050 56154 77386 69676 49476 03824  
95315 91484 90728 28079 91224 67549 70332 05992 97723 72115  
90537 78958 47545 72639 82550 47612 41881 94417 00000

**12177/10671/8024 kHz, 10-11, 1015/1025/1035 UTC**

95618 99266 22954 40717 11651 29281 19071 35411 75101 93592  
61764 83764 37301 36725 87987 17205 63661 02110 71806 65597  
76240 38694 26194 10001 36263 07259 03372 28093 90008 03631  
79612 61966 26520 40975 35465 62965 20571 58358 67315 93271  
59312 47771 91240 88910 76062 16790 25082 13867 39651 29075  
59678 60008 72777 89890 55200 72497 97799 68818 23514 05369  
33413 76888 82524 36985 90637 40268 93419 00031 41562 37737  
16776 05750 59280 94113 48433 67109 52453 46823 21103 50578  
42943 27805 82635 11198 59944 27930 86880 90653 49062 36135  
58085 95091 00000

83352 12940 48466 64664 66548 45665 41040 98347 19382 83770  
60537 37053 00942 41427 46434 96306 54568 38821 92119 80342  
62823 70777 56759 85142 81475 70402 52241 76972 50913 59930  
66177 51094 08446 05967 06867 00332 49921 21314 81163 48204  
14091 80563 41207 26279 88171 41652 60928 00468 58033 90553  
28274 75919 51460 51306 64105 35230 47902 28566 03681 89626  
53181 74854 01679 47837 62570 99713 46699 32317 60688 62933  
96160 97531 31651 19052 67564 29973 77912 05319 47023 34603  
71236 90289 01030 96083 00000

**12177/10671/8024 kHz, 11-11, 1015/1025/1035 UTC**

30244 94967 52598 36040 80807 22919 52305 55703 91698 74908  
73269 32316 67199 82090 94972 56810 04626 19302 07881 37942  
04869 51514 14468 51142 35373 42496 41267 42528 69003 42869  
47899 17800 47216 99741 44011 70671 40997 55121 50059 30545  
07979 25274 62877 34112 69195 78234 11974 50569 53899 51649  
17483 15128 85884 78130 85713 50522 09747 10332 03236 81182  
80532 62900 15442 69781 65190 13529 00511 30825 29286 30264  
74725 00982 07412 17278 90076 70839 80709 96283 10084 07780  
09980 65781 74781 24641 97776 05324 90798 73884 77960 16992  
07479 71924 56115 21261 64965 83328 49290 49451 25207 19565  
98495 99946 21799 31991 52386 50372 89620 03765 45577 42915  
60188 70372 20021 84977 33670 23452 62897 32349 63500 77614  
59435 47086 14529 04928 84116 47286 80637 66778 78703 90944  
72776 97767 90506 61081 13338 21365 69356 44320 97825 01968  
46695 20120 09735 63090 45243 02830 99604 26344 92660 03775  
64157 50907 37654 05532 86483 78178 91966 65619 23188 11280  
46679 91756 49456 84122 36264 55891 97963 99705 48835 39197  
52570 42341 06026 25198 82736 93491 60926 83241 29605 05912  
87540 09480 79672 15774 60163 17561 87002 97474 46157 96221  
29909 90796 60530 75946 13048 55130 55776 71914 50859 30429  
45403 95390 93295 09588 84590 50765 79766 51942 56414 60428  
32253 92562 37077 84657 23510 27035 38573 28720 81309 76426  
52242 54362 14656 62102 41631 37887 72912 45105 58112 41999  
73769 09762 77698 93602 61004 96225 82474 84749 77960 11626  
35112 38919 67692 74517 19871 09814 35695 72325 48554 04863  
36187 36458 54838 50624 67847 64786 25418 42264 89977 46173  
41405 44307 95002 66746 28424 34845 98262 02585 38827 10390  
31018 28534 14488 93555 47629 97809 03586 10767 82819 72092



29841 32161 19983 06806 37625 90905 56461 21247 61390 24074  
76728 08275 92848 02312 69430 63234 44344 40444 49198 36807  
31858 06239 69199 41475 26073 69492 35332 66282 44947 58645  
58033 79593 86228 17097 02607 24516 23344 76413 24041 36696  
13112 88628 97217 39160 88700 84801 78484 93891 36289 52039  
59504 14847 78840 46160 99328 72065 15461 82194 45634 41595  
89744 69894 81051 80902 85576 86462 55532 34452 73798 03669  
90691 99160 58204 11548 67056 04393 94281 05873 30161 86197  
79146 31579 76431 60471 36110 99332 04793 24738 42306 17441  
44929 43218 72829 06268 98150 94901 59806 87366 51792 89285  
89856 64505 53080 79476 88357 38769 53420 27350 63972 24940  
59017 00441 11870 61327 48798 05261 99063 30245 45539 86734  
80328 31323 51172 48433 18114 74834 82170 73289 04903 87228  
65983 49502 11447 46069 84437 31294 09319 86538 75047 89221  
41219 46726 26176 29725 37475 43860 26981 88605 02163 98700  
58080 28113 17308 50245 33883 97435 00000

**12177/10671/8024 kHz, 12-11, 1015/1025/1035 UTC**

64103 84519 79691 83446 78812 49279 48139 91802 65539 79420  
40273 54047 56803 96796 36627 04171 54179 42360 82366 45030  
32074 63802 69241 76850 74023 65789 30525 90685 33697 83739  
53632 50240 37800 67066 40095 10518 73049 82833 67596 46724  
24431 75761 33737 91855 56900 45516 86228 06421 57742 27215  
69201 28725 81747 86108 40316 79167 66423 62338 38353 16966  
09401 26751 05991 72771 25241 33670 97438 05596 23822 81582  
25625 98071 00000

08729 45501 47609 06733 57005 65364 35707 73050 27416 59857  
62061 82786 08385 38555 86838 73166 43052 77197 63905 64385  
61668 48394 38119 64778 01188 88365 22779 76864 29267 85655  
86958 52716 14836 02762 07373 72076 12443 66602 64492 41669  
52558 88779 87580 39138 55017 01552 78346 50052 07800 20481  
67896 71418 78329 69670 86669 80126 49476 30531 52063 89783  
97455 00036 03402 44360 53809 69369 38973 22089 18659 58937  
34796 48054 17411 70649 49813 38919 18110 43434 47198 28203  
51623 22911 86464 45582 01843 81156 66064 48615 58099 47513  
21154 30353 46966 36362 06238 51275 85645 99097 00000

**12177/10671/8024 kHz, 13-11, 1015/1025/1035 UTC**

Null message: 5761 00000

**12177/10671/8024 kHz, 16-11, 1015/1025/1035 UTC**

10935 01415 99309 39551 35902 25058 91175 65055 84071 17855  
58561 37261 12771 56260 07844 83522 11197 23345 14800 59854  
20041 00659 52682 35028 70736 58239 11007 28289 92779 84950  
16012 55366 62551 26348 88702 62479 92082 22241 01443 53016  
81191 61154 19007 36571 81447 93877 35053 55042 45380 73269  
39938 65461 59386 12538 80816 84245 83759 79146 99968 22574  
48293 66565 62282 67554 76881 11038 07834 88883 39564 45554  
90507 75681 55451 08214 88582 33188 94961 47184 98233 94015  
54819 89414 45881 23633 04234 65311 80319 24777 25722 06566  
30574 70482 98979 59298 40416 20407 01275 79739 15480 00147  
22767 04604 43903 48224 20216 13366 76454 60450 57500 24617  
77061 86319 06396 93689 79689 57161 06038 03743 12507 50703  
04521 67486 75270 21760 31058 81742 80870 53708 72146 02021  
96979 10465 50175 29311 48727 93632 27915 26257 68353 34507  
87312 04922 02773 75641 56055 53321 14982 21648 80312 92908  
40257 63917 67118 84212 83069 08961 44807 22799 65664 65052  
14971 92761 64235 66849 94336 69906 93638 42703 70040 91845  
26571 54320 16711 37160 58168 63484 48805 80844 51942 05510  
06637 18196 28011 74122 99535 74356 79545 47455 54573 41687  
28378 09847 44288 12155 55712 49120 91857 96935 68861 34047  
77146 50402 89963 01666 92069 40704 77611 09162 18715 34109

17316 29974 28649 85305 41772 98835 26859 50847 66834 35424  
88758 67933 54157 01313 63698 65706 36436 69913 43411 01255  
66177 14087 18849 37511 73948 41130 73825 05239 47027 29799  
88916 16277 64412 49081 54052 20251 49107 63387 13236 21923  
23634 53860 89834 01381 79706 10483 65865 04234 97995 74673  
13731 94032 78936 37060 03829 84068 70504 20114 36479 90761  
03904 00337 71605 75821 73099 49685 54612 69357 19143 00919  
61877 91137 05207 66570 14330 12182 93296 66201 32516 23868  
58544 41661 31613 06753 02047 65014 79825 16282 48175 68830  
68590 27583 37290 53526 68039 06530 49812 51450 66156 99263  
22571 52385 15057 57355 43376 20173 32839 40803 34759 55126  
34438 66050 62796 81948 89916 91207 31981 16282 48175 68830  
52065 00302 72785 16325 87800 79929 68537 47501 27547 06855  
88574 96920 31645 66554 54108 14753 46528 44098 30017 98023  
95486 21728 31482 17538 82026 39419 45563 19507 66774 23121  
91153 19074 03842 10368 65750 27922 47610 27926 52482 83146  
65859 01190 85820 69590 20181 00005 99430 52820 99611 50592  
04583 64935 18437 68289 72562 10398 14077 90769 19536 84067  
06023 16434 17280 18633 01735 77677 78236 03623 60456 03702  
88317 43191 50872 52558 85907 44850 63556 17128 10484 56359  
64138 34709 69315 92940 98128 54906 95655 22010 83347 45509  
96882 97621 50886 41045 16017 61806 20537 63694 55053 54987  
21639 71260 33552 02670 95267 11876 80914 70586 38714 90129  
85791 05486 78180 74317 51060 01445 00000

**12177/10671/8024 kHz, 17-11, 1015/1025/1035 UTC**

25248 28589 93173 48498 77063 54451 13335 88196 93363 41674  
61565 07415 67189 36499 49231 38739 15265 66470 08655 91808  
00893 98652 02974 96345 17879 03033 61875 74589 21437 50775  
91648 85308 17003 02037 32992 06580 42890 63013 65012 49531  
07739 16919 78847 20223 68681 58571 69362 71862 61171 87281  
18347 14545 16407 37734 67651 74686 27297 53538 05707 21368  
48885 33145 15857 01752 44204 02813 59944 52768 11458 96319  
95593 81264 53504 02073 00000

52522 03338 19312 93631 87394 41677 38600 66603 27796 85748  
91062 98325 77873 15645 48909 83601 55470 14688 74343 36359  
19751 01342 47832 74727 15340 43626 08967 69102 31398 48251  
70863 57886 99072 41640 94030 60593 75774 85035 30652 43003  
89698 90875 75217 14058 43043 32625 82432 59176 97354 65254  
38357 39689 89437 98549 95701 13073 51274 90439 09223 53667  
32377 52532 32150 78577 48031 85045 59592 08431 01839 83318  
29843 17692 56032 83095 19549 54206 47969 36764 93647 32683  
76259 37737 96039 31776 04957 35172 91913 49480 59259 06201  
97675 96503 11144 77877 59404 32325 78388 16011 65789 03099  
00000

**12177/10671/8024 kHz, 18-11, 1015/1025/1035 UTC**

22877 49387 04794 91542 76020 87934 99479 63664 74908 97913  
47671 99133 39954 37324 94035 69605 46006 38286 63599 97350  
65133 39745 19039 10475 86476 05439 44244 29486 92822 25546  
46344 46145 98611 25474 93364 80537 79062 30206 29727 27314  
45085 57655 36767 27013 43695 39459 30459 23436 88598 92650  
13527 92983 50635 90651 24151 56903 62784 07018 48437 12391  
19396 30369 88838 43471 74354 73956 05732 97601 67858 28295  
74314 38940 36493 30294 24035 14208 86298 47334 52716 92086  
33510 99726 32582 62089 42661 69977 50362 03842 16739 72317  
48672 62711 19079 80917 60839 92719 31683 40234 56386 52682  
79650 05920 39335 66500 76415 89741 66542 83558 69462 06936  
78227 00154 91228 49445 57910 27898 44860 33471 63919 20028  
79528 94782 99671 91566 34975 30207 14921 94270 59989 08766  
55129 32292 34497 00861 01193 29512 49947 98974 66669 84465  
27695 28308 44726 73797 80049 70796 21973 90201 43695 50946

01381 25762 40155 56919 01475 36641 43000 95314 23972 50062  
56479 03076 07078 99503 35265 64962 06603 99058 99996 10033  
72109 92893 28319 85560 10255 40739 26087 31835 52538 25356  
08441 06275 69621 92906 45432 30298 99428 62180 51881 57380  
81193 63600 26169 85747 12657 93953 67635 64128 72594 97782  
27283 64015 75867 11370 71467 16865 53172 30264 63261 39678  
72690 86277 91184 97395 45825 44886 99986 75551 84195 58991  
03160 61607 00098 39949 81887 58431 67606 31841 00103 78329  
86509 99890 90340 91087 16262 68983 90088 24455 72145 73219  
33310 40504 00827 02447 26827 36308 77489 56690 66257 42373  
91749 44445 71187 17260 14512 85737 44278 61835 62980 05928  
83972 01594 06002 31153 05512 10474 76922 21386 49940 74627  
86158 02015 85781 19556 50654 79905 33080 49074 82425 54868  
64495 69522 03378 62475 63131 97665 78572 09158 41795 75734  
85141 85536 53364 42017 59036 68900 46957 30465 86792 50792  
49596 97739 34505 50622 78035 01136 31194 01260 10468 75817  
48754 17534 72764 84817 45679 83576 18969 40216 66731 19961  
10706 18964 15768 16553 25208 21753 43893 42026 46646 48410  
20128 65978 20438 88215 76792 54576 75246 48612 46780 25677  
42329 70726 34912 74360 26943 05141 90564 04808 11491 46363  
73751 29465 95088 49420 31850 21427 99248 77021 29163 30989  
94360 50723 96494 02285 26665 04537 92938 50974 50400 64414  
97057 88885 94812 02050 69645 06587 20717 36438 55258 49790  
46299 81620 14708 50547 46837 64064 05689 99169 58041 58102  
53750 67805 37696 12881 80775 21613 65284 69251 83177 78475  
84293 90032 76986 03180 16881 52099 52014 47014 05591 73715  
02298 68705 61810 75568 24989 97648 25654 04417 00000

**12177/10671/8024 kHz, 19-11, 1015/1025/1035 UTC**

51549 19702 85926 94001 92282 64065 04088 30876 28776 16036  
55898 71876 54355 01009 37155 15099 30076 52174 28336 10572  
19243 26846 94989 55930 34520 85774 03057 66796 58575 40142  
72579 39050 24211 95913 18217 45189 64884 50240 50025 31953  
71592 19608 32922 11407 17036 04402 28283 62665 33000 19589  
66102 86457 51909 46206 21159 79700 48466 83324 91622 22289  
42330 05204 03545 93273 47775 53295 89654 58624 81245 17810  
15920 97761 62769 05073 00000

84376 98645 58341 12848 61934 97207 83038 85920 25928 63728  
15498 82941 61888 84043 50788 83714 66178 01660 89908 85600  
62391 93502 87296 84782 26444 89130 15615 43964 43794 50582  
33763 76172 47233 55062 69049 99368 08671 47644 49458 41543  
83370 56184 46959 00991 30060 85625 17780 91441 55359 33882  
50595 26751 55959 96499 58559 24823 56998 52271 76131 35459  
70062 46989 46612 21825 19253 17543 11352 50211 08758 23523  
36546 67791 30368 78543 38577 73044 34367 98449 93816 08549  
12240 08613 43847 30826 64637 77496 32027 36923 53028 68672  
32344 52411 58484 28486 56487 06095 00000

**12177/10671/8024 kHz, 20-11, 1015/1025/1035 UTC**

Null message: 5761 00000

**12177/10671/8024 kHz, 23-11, 1015/1025/1035 UTC**

97165 81988 67181 18404 25035 56991 66863 72087 29485 57764  
55044 93052 27102 72193 70929 51230 12040 68584 18718 55964  
47787 23244 49256 83055 96141 34098 71881 52688 00577 06283  
26111 06669 66192 20642 67895 58418 03432 21074 50105 14161  
27763 81666 01945 88734 32497 39551 36975 64475 76937 04418  
44443 66597 57062 80630 43597 53524 50892 62869 05677 45587  
55775 91258 73267 40554 59735 76894 31704 89398 14101 33723  
12220 30769 99590 77705 31506 07583 03034 79202 97404 14190  
46937 79525 35383 47536 39056 07574 15510 60775 34190 57521  
84602 42749 25352 13465 33233 71792 06541 31985 52298 17290

74266 18561 58808 87426 60042 58761 95620 46556 11016 90160  
34774 50653 60940 25924 39131 74257 58651 65976 62003 27357  
46267 56715 89455 85664 04268 85193 54972 82693 05671 18714  
81177 37100 46465 25770 28287 13710 44506 39273 53991 41678  
24058 47998 14452 38211 28165 27197 61096 11298 26040 44303  
12900 39878 07668 00672 08848 54889 82792 95298 70259 69633  
26497 21442 27657 32898 38545 32096 91883 03261 08683 35246  
74136 68033 05087 04852 84619 55268 28139 18488 64497 12261  
96727 57579 30832 49009 59249 31176 39203 70038 46510 09200  
93680 43049 08705 76096 58863 77815 03669 40846 53639 13781  
28586 64244 31385 39772 12341 89419 76270 94291 10704 86503  
70367 19808 71530 47396 11249 69484 62180 91576 84756 89792  
76315 68875 22638 27440 62290 70164 99734 34049 40310 81891  
50407 67035 00542 45398 08880 10102 99374 06964 03211 61814  
96013 69511 57553 65667 96581 81903 82408 80100 97944 26781  
57555 11893 48418 92868 37341 61367 67565 42697 33023 52855  
92255 11666 51851 48852 41187 99396 97574 71298 15052 39307  
62058 78428 74534 57345 62710 70625 63321 55818 05383 23716  
68334 83262 77462 73143 34339 76284 00817 97455 75151 84305  
99292 74553 48604 13164 60451 09122 87473 48494 96236 54695  
03550 44837 32246 78789 07045 91397 80310 44534 08507 90414  
74056 07253 95457 09056 72150 49411 00912 90789 58902 02394  
05985 37165 96918 28527 43768 95943 11498 61796 96663 16507  
11447 30691 04359 58501 76017 11616 24637 64625 62635 86307  
14206 33533 15126 01694 21734 53757 77105 55624 10282 84614  
40247 56929 51311 95015 82091 33220 57471 96126 73092 84890  
46334 28813 57595 08746 52280 91810 38427 39688 28714 21548  
19781 83921 07798 59576 88099 42086 09896 68528 35625 45776  
19908 82552 56314 55874 72692 03156 68812 96139 14750 76395  
46151 20483 34372 12354 56888 37382 77428 32840 47344 39850  
90991 58246 19655 14414 61975 69507 85300 27539 42986 06089  
98819 12920 82561 85957 01378 08105 02000 58448 28894 13856  
85953 25995 64403 07423 00000

**12177/10671/8024 kHz, 24-11, 1015/1025/1035 UTC**

31933 16965 46736 84406 70573 84139 59011 60512 88304 76683  
30520 08778 17130 27730 67530 38551 68801 96118 39604 49469  
75662 89336 88059 42537 89782 77966 91958 18802 20090 00077  
83799 26568 12170 78982 32101 43072 00435 02840 33073 01585  
87343 39472 78553 99847 29350 84908 92404 50800 34294 69034  
52552 61528 99888 66822 40859 51376 48019 88553 88013 45149  
34528 47495 05630 02359 39171 28442 22740 68435 65445 05586  
68869 58853 04958 83132 70882 08075 00000

58916 17140 50889 31451 11602 15526 58121 46748 96984 52823  
26115 42207 91455 09792 27690 02005 91366 20516 69866 19231  
27091 36439 82780 84190 23264 21349 63378 46625 28668 94513  
59831 81551 64168 64146 07618 13405 62165 18393 53195 78161  
95977 66018 26214 28147 22618 44000 46197 09201 87365 34192  
74638 64891 63613 56264 48438 47476 26393 29099 55635 40282  
83032 17829 39350 21198 09381 08710 40899 21974 65040 79013  
17998 63001 86027 54124 99004 68275 78330 69029 59136 90217  
60769 76400 29590 99048 30616 68432 75517 16403 50405 09089  
00000

**12177/10671/8024 kHz, 25-11, 1015/1025/1035 UTC**

99071 75101 00553 48671 90368 13396 71290 49753 88131 40821  
85748 30089 36953 55319 83510 11975 45267 58794 47815 55142  
04384 46056 18984 67617 61530 63765 57937 67062 45335 31598  
20750 97303 67185 42803 30177 29714 46910 86335 55094 04150  
36206 57766 33779 89123 38263 51144 01983 65909 47015 49007  
11724 66249 54458 52721 51738 18376 99474 20339 05534 81006  
56594 04172 07971 70029 88134 05244 86325 07540 08166 86842

96756 47935 31718 14331 92119 60746 07686 13414 82070 74891  
58866 64055 71389 14050 77550 72226 87462 77829 50132 86669  
32868 48426 09154 52875 23988 27460 36222 21443 01604 32672  
64258 53040 24391 09174 52484 87116 81266 34934 32612 66578  
83526 25189 49656 35615 22697 65474 45815 52850 05050 27948  
60854 87012 98716 50705 47434 87315 54337 84769 24815 45736  
85179 38450 19375 93363 17671 73743 65389 98032 48277 34477  
64494 55400 67667 10881 27284 90676 38097 70267 45471 13184  
34957 08515 68053 90933 88419 02040 79921 37413 86114 64942  
06342 27768 22781 41022 91765 86559 07835 85331 26377 14305  
66773 14980 18848 44956 97370 33860 38709 51543 66599 60984  
76799 42132 59203 17125 97206 13315 13879 49439 79159 53399  
07979 98778 72295 12497 76702 39351 13742 81688 77684 45439  
80454 48468 36937 64857 75249 20634 37078 03831 69954 35828  
33778 52994 54142 98910 11371 09185 62851 14349 13558 72725  
81759 05819 10154 24888 53230 40194 85798 15213 31679 98123  
61580 13382 61692 58374 85513 05337 77339 88134 52792 38310  
46106 56459 41770 44478 05907 13048 76602 97916 68590 99541  
52485 84533 88391 85528 84424 89694 18761 46444 65485 33193  
06013 25549 45449 06286 93222 47182 65812 90459 32821 73470  
12080 62627 31312 21676 69273 16430 74560 84385 91605 54351  
07086 19709 22248 30310 63789 03698 24136 47433 77568 62141  
07745 40692 11244 23962 66778 99088 87239 63367 57703 07079  
13459 22968 84068 09925 28781 35031 71549 32656 16634 83076  
44649 07336 60064 70983 41000 88313 36749 91807 24200 60153  
77393 13495 81118 67923 35933 23673 14619 24543 45002 00717  
67619 74860 55081 03265 39450 21157 80788 95389 80421 39774  
02722 49589 75564 43526 98313 94806 53454 69616 00131 01655  
81087 97714 05041 22027 30712 27911 82706 25306 29582 73213  
56827 98328 28557 46280 57578 01312 50477 45091 68668 96927  
04277 67215 17477 94700 75744 07394 81686 77935 30889 18102  
10856 05344 92833 37791 86377 04569 78191 16493 68250 99793  
03845 93474 02101 40614 00073 06631 84901 24373 90966 38307  
12819 29136 28064 27225 59620 99502 88148 01222 59095 52435  
71141 10469 89906 10413 00000

**12177/10671/8024 kHz, 26-11, 1015/1025/1035 UTC**

80129 40567 47090 44079 89393 35329 74325 03542 83908 97707  
54287 38893 14435 99547 11397 73277 76941 96944 82367 46404  
25617 14037 28881 46621 76986 82351 28072 32153 59832 09155  
08056 77425 90605 73252 20643 05439 79004 71660 68462 92104  
93431 65591 28660 53495 40983 99207 40366 51944 41695 89545  
48126 81923 01698 11089 18467 21653 14998 23393 71802 61366  
48552 15225 96858 44171 90334 63632 39797 80445 65075 31407  
85244 21717 47368 51347 71396 04935 26819 70790 06394 03103  
04950 54825 78155 43193 28506 71638 74855 77280 88896 08425  
58231 17842 42427 91307 56916 73149 31015 11097 00000

29549 50519 65109 20361 01215 18932 52006 51197 97996 20026  
64406 52826 29180 15643 63539 66525 51807 19285 33397 69651  
14663 59807 17936 55403 25794 62782 46657 54462 29512 79231  
97002 40732 03795 16402 67003 88330 14042 50288 56623 72055  
84111 24573 81230 28480 70583 65688 65630 19893 51182 68669  
92109 68248 63291 33506 00917 51330 53514 56659 66624 78301  
24196 07452 98805 86849 87864 44000 40466 29088 65511 48394  
62667 12071 00000

**12177/10671/8024 kHz, 27-11, 1015/1025/1035 UTC**

Null message: 5761 00000

**12177/10671/8024 kHz, 30-11, 1015/1025/1035 UTC**

37016 51729 25868 74450 06931 42788 42400 32355 17880 30747  
78621 47454 22636 97207 06290 72272 27447 66562 88056 98553

58492 81983 76188 44636 67488 77222 90293 37837 12395 23891  
72495 84059 74158 58924 43478 41778 95427 21902 07853 42619  
52173 56923 82277 25700 94167 58714 44763 77937 15237 67674  
28618 97486 39244 43518 09453 22524 32726 72234 58684 92542  
80136 86022 61994 34356 82614 00910 26154 90001 66234 01730  
22672 28717 10658 29154 41694 10194 34141 48458 54596 91282  
95819 04717 08703 93349 01226 94113 02576 72456 21954 06044  
15301 59567 65433 15716 88228 62956 55731 31921 82574 50017  
11332 29670 61356 50647 30821 22378 69067 49407 22424 53291  
07555 58633 38323 10834 31521 89694 99699 97576 12087 64587  
23441 07496 41870 35042 86436 91229 79993 01341 88417 14007  
60482 48032 99262 35935 12468 38719 01715 69347 65653 37129  
65452 92879 39467 46626 13437 26980 39344 85385 66488 00526  
08580 39382 77018 63248 09179 60409 87862 23637 30149 01306  
77147 17029 46681 05569 75130 33551 78632 93556 63949 60625  
21773 12457 96219 19702 50221 42214 93415 01921 13510 74600  
09979 32393 76711 07620 74080 17772 77078 22425 40986 56822  
95616 34957 19954 18660 67037 39460 60605 18355 76535 86092  
09703 44589 16807 59802 74284 19048 03772 52659 52074 92237  
74414 46830 15119 05421 15199 50391 57583 73347 94483 53157  
43648 67480 97378 94714 16435 04385 86480 61851 53914 68996  
36927 57576 82710 27428 19202 08891 85768 09021 28133 05537  
64792 62321 81518 86874 43420 14666 36823 19102 22047 90072  
99369 29986 20249 65122 20483 93309 67750 67503 09003 80202  
29852 46937 04620 19567 78274 73141 86463 34758 43353 40536  
15382 48735 08511 84376 33346 74849 32958 37996 68427 35466  
13552 85854 18776 75603 21754 92068 14038 63786 76622 09126  
77656 97284 39772 96453 38487 53937 43257 03546 65163 57753  
86285 97322 21660 50455 61731 38421 67481 86182 98365 36094  
50918 91513 29742 36412 68802 58016 25690 23454 91214 59503  
47334 38175 74560 11179 11593 44631 11467 12873 76082 98265  
90932 43538 80372 95919 67169 99210 04522 12285 60573 91613  
30844 52453 39262 49586 19826 75279 54612 90541 36146 67226  
29248 54129 85734 71387 20893 15284 49794 01372 10559 18871  
26740 94740 88466 03087 17986 85681 36175 03827 18510 01609  
28332 57194 98153 13378 02492 42337 84569 93800 70433 31810  
83774 64143 69432 41645 99232 33312 76896 98306 35419 59387  
36824 64740 96779 88222 71521 92685 18058 48772 77004 93441  
86886 09848 25531 44289 44619 27989 23699 72732 76307 41134  
99553 85764 25789 87777 17129 36346 96801 56308 41873 44268  
26071 94201 05388 13606 39314 31775 42919 13934 26084 00171  
02049 17506 94405 48269 46004 09577 91124 13437 00000

F06 – FSK 200/1000

Link 00000

**13953/12271/9934 kHz, 19-11, 0700/0710/0720 UTC**

**11122/9432/7685 kHz, 19-11, 1200/1210/1220 UTC**

File 44402 sent in F06a format

Header: 44400 00000 00000 18002 00009 encrypted message

**13953/12271/9934 kHz, 20-11, 0700/0710/0720 UTC**

**11122/9432/7685 kHz, 20-11, 1200/1210/1220 UTC**

Link 70202 was expected. See also F06a for 19-11

11100 00000 00000 20067 00049 00000 00000 00000 00000

**13953/12271/9934 kHz, 23-11, 0700/0710/0720 UTC**

**11122/9432/7685 kHz, 23-11, 1200/1210/1220 UTC**

11100 00000 00000 23003 03029

59083 90727 52435 81444 69115 46884 89278 76346 48911 31572

37629 24596 32296 07536 54349 01196 22781 09792 76800 79359

93438 13738 07142 70737 81794 78360 72113 43088 71922 25474

62995 38823 80941 40938 85432 42876 92087 08785 73806 73320  
01562 14184 49845 93179 71325 76205 30169 66862 05054 96300  
12433 09678 89407 33439 94781 03834 67836 41849 08294 79396  
39079 32289 67091 83615 97562 42795 65823 87072 57887 29838  
79192 00080 30575 15822 43228 97771 41276 53878 22975 77325  
10622 95875 96305 95751 36912 74591 08525 61678 48815 35979  
77466 79588 20280 82476 53769 69927 64842 13279 66006 13533  
51511 72531 05378 93817 09427 41357 29630 35137 13474 34682  
90910 60795 68040 88778 17227 19114 31107 50463 02215 50999  
45861 03902 82889 97459 72009 95944 10075 70498 33990 45931  
41194 35820 28269 50915 10112 80792 56903 22222 53717 66104  
79557 14308 99928 84545 01172 31832 46813 75356 37459 25887  
87509 67583 25418 15333 60635 50870 71059 94166 30872 97134  
51525 10858 29412 81556 13784 30601 08960 76323 37103 16412  
92967 15563 51477 90009 23797 54909 29195 58423 39497 74134  
91745 17256 33880 96281 99239 66547 79588 21740 14539 00177  
18832 00702 59282 54726 51497 92431 03990 28767 75298 84793  
59438 08487 57672 72465 61496 60603 44095 17287 66598 78500  
32521 39168 00059 92526 68608 11009 24394 80386 41444 56054  
19867 38572 84441 71129 94407 00766 11100 24193 65135 14148  
40316 99646 78633 09565 90932 89827 62190 26466 50216 56137  
23185 78574 45943 08237 38802 71218 76790 74740 03263 06251  
80713 63858 24774 35513 45999 37408 89359 48768 94682 46654  
33781 07047 93013 03392 94723 57331 68665 84725 26447 89539  
39363 94983 04070 21721 82629 33183 54691 24414 01333 39515  
83538 20105 64717 19262 87306 18721 29615 67594 71908 75090  
71519 43689 16798 79323 80206 67596 53060 16030 99598 38302  
03300 00000

11100 00000 00000 23004 03029  
78911 17336 90035 53306 78023 15920 64371 63620 80479 71190  
98544 37928 41007 77658 44469 07651 50966 38390 23807 87716  
93081 82413 33724 99088 22832 15420 19152 23816 12438 83450  
09984 84780 18387 54266 46658 67355 58427 46076 42553 25127  
08974 58313 56639 36904 58863 84161 74818 07171 80391 09490  
23394 27188 03577 27918 63110 38932 04579 26670 37191 69044  
44221 22921 71821 24995 17544 55321 52513 70637 00329 60380  
24776 23344 03542 88402 92553 39917 71612 38664 12844 83449  
85506 18512 09953 88332 56520 56075 57810 65601 21730 21286  
03795 15789 77044 34873 32492 41498 08790 70048 92843 76861  
09771 76544 37102 76082 90733 81708 45044 28255 23187 48332  
31874 90625 74502 93909 63256 57515 21236 01004 25919 07064  
51615 73424 27252 92992 93120 17878 22353 73585 26098 55808  
91953 95047 69357 95094 19657 71464 48662 16297 41931 28515  
84083 53144 69296 03150 57132 71950 02140 16414 43610 79635  
89590 61598 23131 15056 04914 74911 01227 03320 35826 80862  
05004 77775 13210 29530 38256 99367 26626 67924 07003 28043  
00097 12609 51360 25891 26566 15785 44712 96714 84500 42017  
46092 91712 85044 97795 16731 35964 23194 81112 36703 55396  
31396 43249 82602 08935 59040 79954 52198 55513 26260 94210  
46993 10636 25486 97761 48637 72174 69197 43607 50120 20093  
07300 06628 27692 19792 62561 54560 64436 83742 57568 76477  
61451 71115 31608 60978 97555 30084 70938 41280 23475 12495  
00870 49383 01434 15578 13105 46510 26097 30410 26768 22004  
87797 01792 06560 77860 63984 29243 86483 41109 49828 63800  
72575 71197 63935 80299 23072 54593 90084 29836 29457 03777  
40941 02086 46831 02814 54687 52182 47025 66703 60486 71826  
92917 06676 73748 09327 57366 18642 07105 68246 35217 36969  
08050 39358 21817 20778 59182 45584 56458 64951 01973 04612  
54213 53028 70015 38874 74579 94188 42679 87575 00379 11503  
04300 00000

**13953/12271/9934 kHz, 24-11, 0700/0710/0720 UTC. 7 messages**

**11122/9432/7685 kHz, 24-11, 1200/1210/1220 UTC. 7 messages**

11100 00000 00000 24005 01029

93485 56791 73625 44797 88028 27895 04974 00111 54624 96857  
58890 61217 47759 50436 15825 38644 36450 90626 45293 52694  
60853 86456 08625 65956 88588 24326 54399 79204 87941 42815  
36230 39098 60163 62899 07611 31152 98031 49522 73497 56385  
62874 65439 03312 15109 97227 03296 35063 46269 15338 06861  
25269 95806 38680 17360 24362 12449 68672 05840 82279 94380  
13805 77507 13904 35241 13332 58983 79069 42860 24744 04397  
56793 29199 67194 81268 18443 94911 38070 22114 29508 56977  
44896 52713 34679 92831 19755 32970 05916 99446 08420 71313  
58182 90785 51375 98563 62555 82068 98927 12218 11378 34304  
05100 00000

11100 00000 00000 24006 01029

04940 62184 70653 02595 26994 81069 79949 82298 86071 51423  
67379 01971 18020 84095 20284 38710 85363 51833 78052 42762  
80808 00576 57363 07461 95700 85456 00959 56839 76850 48708  
35888 80615 20180 81637 52166 71218 74624 37883 37775 42555  
54724 90115 30952 35211 85342 47396 75705 37749 26954 75356  
91480 78824 54936 86405 92934 69777 91301 92138 20737 02408  
12306 35145 69346 31609 80379 42393 22702 97554 73805 67386  
33755 67121 12597 13283 08788 99243 03992 54147 82460 63874  
56027 96545 94511 69247 32610 48653 04057 77133 48527 89074  
02429 10770 27842 52551 10482 85146 74099 74758 71311 14354  
06100 00000

11100 00000 00000 24007 01029

15662 25208 12151 38445 30488 31866 61094 26577 13891 91011  
09582 43262 20803 04245 75256 99938 99510 43435 44685 40544  
00236 87406 25544 46217 17420 27089 41101 51431 89128 56301  
52911 01240 02027 90376 22674 04319 75357 79803 49196 61507  
22362 11074 41378 74508 12578 11927 13180 64469 83451 03172  
11498 55103 74711 64284 12886 00050 83927 04957 50060 59163  
66697 59797 54134 53414 29903 48353 23509 53094 91472 67660  
55354 79001 05082 09501 00641 21307 73226 19547 28629 05788  
97129 40598 11780 62103 36882 07076 67006 73817 80291 82985  
14213 14838 43846 60516 38053 01976 54258 61479 63860 18305  
07100 00000

11100 00000 00000 24008 01029

96153 56950 51563 10396 21615 29027 77889 82190 33667 15911  
51561 77585 99614 59563 84609 42835 56277 46793 99628 08665  
21019 58152 43006 00148 59910 02476 26369 87702 61446 79252  
07196 33889 89279 36015 44520 15693 12389 12944 90675 26980  
36125 91853 05008 90827 82581 91772 00504 36391 93706 78283  
59256 20022 55620 78829 77730 95298 67546 21157 27736 61684  
03827 37093 44073 46476 42421 98846 74770 99744 58366 80009  
54853 06951 05602 58457 89593 48923 35617 03332 58167 63892  
26351 13287 73652 91255 19784 98201 60323 01772 91658 21534  
34160 43869 01768 45495 97519 60751 98241 46264 83904 57999  
08100 00000

11100 00000 00000 24009 01029

59487 64402 13340 94892 87314 99295 66484 53514 42462 73022  
64035 80674 49418 34176 54696 23582 37656 72285 71925 53604  
59400 00400 15618 18436 69209 46760 79199 21314 38817 22736  
58068 06976 05655 59222 00320 59042 78516 28675 85697 38507  
48780 94988 43700 18037 80635 58381 46790 91755 78752 87498  
39635 65201 56833 55906 90321 55150 55477 25159 74480 53991  
82794 41652 28259 38339 76221 39419 31081 26567 08961 66080  
04122 14965 89480 74117 35453 47187 27531 44673 67780 96692  
65091 36058 09714 66862 95699 74144 56515 38476 20602 26853



31257 19248 15150 29900 82320 75086 03892 56007 98188 47797  
09100 00000

11100 00000 00000 24010 01029  
46223 73987 01979 97572 27662 33484 38210 58693 64245 27049  
38101 12519 75428 44328 86672 43104 51294 59728 50952 35574  
42338 25111 62201 80970 52477 78602 78697 83939 46227 24199  
02527 40435 05969 61864 48817 77629 00253 72801 90845 73217  
49075 89588 29470 96306 97067 05868 60308 37071 30531 05265  
37112 17370 99255 14241 54768 99499 29062 08560 00366 35291  
36006 28048 45769 22714 78179 79350 80131 62198 06046 31357  
05788 29843 97245 32993 45961 09713 86819 08067 37728 52397  
28770 06845 08671 52035 49917 19063 60662 58977 81969 78042  
09211 70283 82757 10612 51821 65237 82569 12520 63781 78073  
10100 00000

11100 00000 00000 24011 01029  
16276 76334 35124 25270 00676 44462 39122 25628 22172 39838  
02228 06193 19613 47293 76610 42828 22393 39174 25825 37458  
35900 96301 98383 29700 18461 86457 88940 46500 48231 92579  
47993 94430 03460 07844 26072 24359 04576 39839 63332 23166  
91523 90996 60492 12201 34794 07496 92065 57162 03580 13794  
47804 19095 39503 75006 13311 01183 09341 54291 25745 71035  
35196 57453 65564 63145 25547 81931 70241 91214 55609 12380  
80886 25023 70457 30007 57717 11546 09337 27880 25325 44989  
74595 49370 33643 15441 93699 91929 45598 90820 47736 43393  
87342 11826 64866 42976 22028 04542 02153 84180 33050 40423  
11100 000000

**12208/10191/8014 kHz, 24-11, 0800/0810/0820 UTC**

11100 00000 15798 23063 01899  
95510 32028 93183 98556 82234 03727 47065 69813 72258 45112  
23101 59499 88046 59976 72648 61392 58428 67154 38294 05491  
93718 94852 19252 53755 08195 11798 20843 16270 44627 68632  
55249 23740 80546 48012 85719 17285 20942 46823 31422 41450  
07063 38966 75125 51374 96030 92153 40911 70064 90934 37137  
34074 56693 26102 12821 60435 71886 37238 35685 67228 50897  
71107 66975 72751 20652 14462 76067 76988 21566 46888 23472  
70361 20086 47273 11904 82824 22892 08572 78852 40474 28701  
40550 29096 21865 78600 65224 30595 31222 90857 34646 22196  
30732 91136 25748 06603 99112 74066 91921 27021 08627 57091  
76026 50947 37749 12544 14510 09519 61664 88882 87326 65861  
87782 57016 93347 10891 28463 42682 55946 09980 28131 30775  
88443 48954 86977 52601 74110 52832 48432 91978 40403 75761  
42585 71113 32124 85584 02762 02212 13203 91466 97423 15740  
51766 88032 44591 01289 68211 14442 00974 21974 50940 51844  
42995 88305 69467 07647 81898 02467 39573 60048 80121 08946  
20198 61244 61128 12450 46762 22782 29890 49038 30595 31466  
46194 21422 79173 69279 17967 34357 16839 35734 06817 91073  
10694 96114 62963 36679 31368 04024 31744 63187 00000

**13953/12271/9934 kHz, 25-11, 0700/0710/0720 UTC**

**11122/9432/7685 kHz, 25-11, 1200/1210/1220 UTC**

11100 00000 00000 24012 10029  
79058 93876 61148 22910 81234 57851 78052 50309 21179 15199  
67254 80423 51166 56651 04267 75072 76558 65345 61390 53845  
60710 60080 17744 12994 63167 05071 01811 06916 90863 84655  
58690 53182 66976 66372 59253 47032 47167 00857 93366 96275  
37854 31989 14398 12554 96229 15741 27173 19871 16712 71139  
36578 66359 33495 11809 98991 50202 93910 31512 43741 95649  
82273 42128 56764 40076 98901 87516 43662 18003 24007 81692  
14336 53043 21127 44763 56399 93678 59801 35045 89534 53835  
62170 00818 18010 44173 03192 00143 23511 05041 19152 62183

65509 77024 04172 88471 81322 70035 99381 17549 03083 16866  
04465 01421 33772 22161 66250 67278 49544 42731 24046 62892  
20489 60157 16387 09155 67049 31611 78917 08172 94268 29841  
88049 80371 71056 08254 30132 29046 46660 52033 00778 55774  
21536 01225 64065 75166 14797 56742 26289 02354 95431 05208  
03942 11673 69485 23590 90630 89985 40375 49559 52603 33055  
84543 28497 07573 58429 09639 73115 66536 33271 87382 96604  
43263 40560 78355 05249 61147 32116 90844 61461 12118 41871  
40975 53164 47279 57838 06289 30450 03979 76208 89975 95465  
98992 86008 37928 56464 42505 57768 75823 81948 52583 34631  
58411 15847 74823 49335 48188 39666 36859 15519 65664 92557  
92427 66776 78397 85223 34662 41905 20975 68614 83325 39784  
63153 43342 75642 92313 68323 20764 15441 28866 09492 71655  
60281 30673 34976 23419 51257 98590 00991 91769 15164 82687  
13316 57830 93717 47076 45235 26568 79505 68449 23931 27524  
63374 91733 02525 43762 22921 91313 59948 79976 06789 11261  
95836 05699 94451 83005 12623 34543 36175 43882 02036 25416  
02837 04996 78171 16643 00303 41841 24338 28943 28038 06113  
45858 98183 86643 82144 46015 23862 64010 36414 67330 44245  
54769 33554 65362 74107 92730 17300 07209 66004 01002 79824  
11907 81020 89465 67880 74915 79920 54310 99202 43866 70657  
59298 87597 37769 73159 03461 00165 26864 87341 04903 95084  
15312 75277 55413 13408 93887 93468 25562 23290 54901 36150  
24971 40098 86498 75563 47448 70842 88546 10150 55678 56356  
77295 56580 85141 09668 70989 46578 71969 74002 73625 14460  
34405 48854 99044 86342 62567 57550 02543 06937 96207 54772  
12185 64889 95132 97444 77020 02589 31999 27443 74374 21383  
62158 39559 43412 18146 50232 33152 37158 14131 58124 70933  
10163 62042 24136 93316 83997 42271 87889 61768 57770 84224  
40738 29606 55852 73695 06347 63668 29993 32200 81142 65306  
58021 79230 89314 64130 06315 13350 32049 82939 48226 73072  
35691 97290 55654 63475 28526 38128 05948 59458 00850 10914  
71325 21609 28038 29712 83010 85601 61287 89634 87249 11066  
15716 26120 35422 00871 10524 34453 75415 26750 40881 47984  
36456 22218 86250 98474 24589 28706 84819 07006 70986 05860  
28730 78900 00277 41929 59804 01074 11080 25205 70439 65274  
85937 62415 39369 65633 72825 55038 56974 43972 05438 69466  
19833 81301 54422 61945 99194 58943 26769 44247 13072 37732  
55518 00995 56626 28704 47004 94587 70545 53739 77791 18667  
52101 19579 58513 86040 38564 53658 06790 62035 17668 75195  
96418 79182 44819 99966 75015 94196 71728 02222 67309 73171  
16153 82149 06260 15945 27445 12363 59201 55549 27584 61816  
41191 93707 32385 20602 32750 58298 82575 74069 44189 93724  
39418 99690 93707 20145 24568 85122 91434 22474 08868 90893  
46637 55115 79743 06163 40238 73353 41908 70978 29872 27339  
31054 63475 79633 79613 45213 75460 31729 32104 23493 24804  
62208 73531 26852 78092 87965 83160 00621 81969 17194 51844  
23443 26608 60492 06279 72336 89742 44797 47429 58548 34714  
97335 39048 13902 60952 91789 07231 32321 30333 73848 36939  
96213 17860 08345 76442 42408 60093 15167 85600 47329 99774  
86117 88935 36096 50074 99926 19421 45238 26917 77587 63939  
93708 22796 45222 46328 41887 20542 96641 08969 43258 70462  
72814 78845 18452 79301 00408 29009 06339 84453 56598 71398  
71859 11864 52345 41939 75281 41067 51305 63867 32568 25781  
66578 00215 21550 43513 02474 31392 13582 72604 33483 18801  
35384 20152 37650 40428 90730 49252 26521 09344 96706 78990  
38859 11049 14190 55629 90327 20608 77267 18421 96306 85502  
51257 08490 10048 85151 74039 94215 43346 03018 60370 11560  
61921 72260 73872 42769 72688 80854 96389 81898 45118 47121  
49389 60587 33860 01610 47111 32521 94826 36257 86131 40033  
11918 06777 01048 11262 76585 99205 40961 61318 87407 96544  
46449 95892 61875 06445 31710 40742 77574 35854 01577 45491  
84947 23580 58075 35189 58826 66703 76225 08057 80918 01767

53767 02865 70443 26701 64497 84377 05097 74394 69911 20296  
99537 73874 68827 48149 33577 60015 89694 55563 47267 17720  
55255 22341 45070 71520 74265 97802 76294 56510 39948 11812  
83991 31577 39878 42939 39497 20849 06974 92180 04799 94301  
66296 35688 89930 23472 57327 54939 97571 73191 36437 67787  
72038 15308 89200 08824 94857 75305 07275 32498 94112 47779  
09508 37428 59747 41692 11983 35342 82006 41355 76659 13076  
55218 94070 93336 61094 14091 60363 74583 66932 94716 87759  
68361 97029 37471 94033 18000 15375 73994 70859 24229 12408  
65444 43815 88945 42608 84197 49676 45409 94219 56210 16921  
04547 39533 06197 60407 72064 39181 72835 26138 16041 98864  
86179 47067 89701 01971 24460 95878 39052 66495 92479 45671  
50067 99725 88761 74491 15114 49116 53669 74658 23301 72783  
15663 52806 04443 78082 77890 31581 81326 01672 12297 88947  
09961 29530 53443 96023 12507 80351 09216 39385 32571 00746  
30622 38790 67541 45711 07852 96238 57678 42780 84798 37331  
36611 63307 09227 30834 72965 49316 60762 97423 57778 69355  
23916 43507 17414 01790 98302 81099 56639 68976 63258 19657  
61580 70752 39044 40829 17215 90681 11814 92054 19116 73490  
14539 59945 84107 97124 81080 09393 89545 87891 15594 99328  
95892 52084 44450 11094 32285 22564 42863 50331 49770 43711  
53421 08363 71917 43201 38682 93964 97464 64021 35060 71496  
34719 55199 00152 66319 72370 44635 70713 23429 16428 42526  
73475 30253 47950 48771 55965 39545 81270 62836 29546 53316  
27387 19487 41850 53732 92233 98840 20783 91932 64479 84174  
57314 70684 72589 65921 19213 81829 15791 15299 12928 84454  
98667 75999 35810 34715 24048 47392 85842 03265 23879 57653  
21083 41213 32788 50294 86003 80558 33990 32485 46906 80035  
12000 00000

**13953/12271/9934 kHz, 26-11, 0700/0710/0720 UTC**

**11122/9432/7685 kHz, 26-11, 1200/1210/1220 UTC**

File 44413 sent in F06a format

Header: 44400 00000 00000 26013 00009 encrypted message

**13953/12271/9934 kHz, 27-11, 0700/0710/0720 UTC**

**11122/9432/7685 kHz, 27-11, 1200/1210/1220 UTC**

11100 00000 00000 27087 00049 00000 00000 00000 00000

**13953/12271/9934 kHz, 30-11, 0700/0710/0720 UTC**

**11122/9432/7685 kHz, 30-11, 1200/1210/1220 UTC**

11100 00000 00000 27014 03029

89619 13536 24830 73761 75286 65020 38137 20415 12576 88676  
27908 53963 40021 05561 16392 45489 87223 09656 78353 68109  
91230 18496 37968 00195 06367 91083 02141 10711 24713 99026  
59935 75137 49412 61833 02811 95376 88005 82304 45345 22115  
57958 42968 51125 03056 21597 49479 93514 05477 92622 31930  
05960 86530 81387 40012 01543 09747 71138 92960 66455 31156  
42398 70222 57087 03487 87682 53785 55417 71855 83734 58098  
62388 59414 13467 08540 33962 66360 54796 54346 89538 30773  
78568 26956 47417 24702 22738 79700 67010 83945 35020 69782  
02468 94957 01179 68474 97427 87322 01147 10474 75556 05237  
60168 18367 06588 56422 87146 63113 52530 61929 17390 46516  
23739 55252 01933 16595 99542 04194 10630 51805 93100 53930  
41213 75053 65196 14700 51481 83416 16636 42553 56833 04544  
13948 86621 60310 15636 28078 01310 07356 85972 90751 46881  
82461 28907 98203 26851 89900 74272 16960 35637 85726 97136  
71353 14905 53230 63838 17470 42030 39046 81250 33206 99145  
92082 60202 79125 96173 72478 28996 09807 46311 22762 57965  
40363 17394 18407 80998 97831 07569 39970 24977 12109 18729  
34000 83063 26122 26133 54896 92765 29931 67661 04924 04736  
48445 01131 14550 53216 37435 03119 30304 64098 67531 07724  
02348 61501 00913 08711 88934 58832 90336 73469 19952 45259  
55241 42224 86738 03520 14571 10943 50351 20028 81033 21364  
85480 73195 46471 06602 02201 10919 13032 65745 12730 53157  
49825 65904 35408 80551 79760 95134 53065 95015 26242 14675

67967 63231 74421 83944 20540 79000 26680 56724 64043 05377  
57045 71975 12394 82517 94215 87714 03315 12204 87888 31404  
44011 54949 38072 65275 31550 00653 92080 90031 65132 98713  
38886 35374 92451 58568 55525 10772 57317 56564 85238 14931  
40738 10129 52045 27392 12652 05150 41422 30687 36481 87527  
01786 36510 93714 54815 46468 14321 20691 08901 60858 45833  
14300 00000

11100 00000 00000 27015 03029  
20335 73737 50197 03580 70177 47899 16756 70092 46238 20196  
10758 65511 64334 85511 60618 76803 58786 87876 23658 51497  
46810 86201 33567 28713 52390 17382 34669 04263 00564 11457  
76447 97028 18046 38499 66764 08799 01143 91937 07206 94736  
36893 37985 58991 86700 88357 85874 12891 36562 80019 58580  
61582 71751 44211 68714 97887 80180 14515 29288 87325 66760  
77080 54022 88416 48679 15777 26896 19182 81645 12145 45626  
93270 34267 86061 68749 74150 52772 88067 21019 20809 83237  
79293 36775 23388 43538 59923 46004 52201 62177 32120 32753  
68572 26210 08379 20596 70917 05429 01211 64843 74526 45008  
55122 56169 48471 43799 06816 65357 58079 60443 84545 83851  
86410 14523 82573 39782 33182 74902 71667 94179 14562 52475  
31559 47050 12284 39485 16322 07993 45520 62626 88592 11069  
63939 42088 83580 78583 85394 73758 88793 63490 26682 76743  
50435 25094 00797 73423 42386 17736 79138 94201 58729 97165  
42085 24157 15750 74267 66396 33771 74335 70839 22857 60934  
18732 57113 82622 36399 52583 75699 55688 69885 98193 81642  
09929 39014 09945 53278 44132 48257 37820 53584 13489 50105  
01957 46697 30952 45618 64173 99304 92909 06564 07407 21573  
02622 86325 58998 27330 89840 11766 18761 18160 50063 73233  
77775 21118 51849 54907 38841 34750 85640 72653 74527 63085  
52531 11595 83757 42324 16403 80568 32871 89874 67885 25675  
92087 30447 73572 70088 03326 78883 08922 72326 40304 84417  
98291 20166 46865 66037 10536 02391 64458 93665 83613 25557  
84722 94810 76624 67964 88105 91404 72742 88027 54448 96500  
81448 29226 56488 25524 13529 88820 72208 01753 27256 42531  
76965 60740 69208 42361 01347 83331 58147 29743 65687 11998  
85399 31221 27183 30146 30189 28821 00534 09115 13337 22330  
38072 52523 37786 25652 80286 92680 89372 64433 12706 18728  
96296 67144 90060 41208 70713 66807 13670 22744 80898 55556  
15300 00000

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#### 10191 kHz, 30-11, 0810 UTC

11100 00000 13684 27064 05439  
58618 54682 77967 59734 72827 72427 30174 88062 00485 88327  
35544 33238 62788 06108 76353 99859 23927 27640 41627 06384  
17756 05088 81612 26178 96840 04865 21314 23996 58546 56843  
00313 23787 27873 87264 31033 68801 01708 58766 92657 59911  
84197 65985 02877 83097 67920 60158 34651 62032 40541 01171  
70189 96692 21647 60475 09311 73951 59449 23335 74401 61078  
42026 63816 79128 18086 02817 90975 53118 89861 25027 89668  
39779 64026 74660 04441 09453 05446 16843 39899 55086 03346  
95138 76048 62613 91958 78540 21993 73227 30647 05827 56455  
79739 54431 81961 28553 24200 30873 06243 17267 88986 84231  
36867 73033 98527 72858 21617 89911 73864 30739 49338 81741  
07226 09138 01918 60757 48819 79277 11425 42070 23009 81993  
52124 22473 16075 35294 22041 06996 02752 35770 93752 81653  
03714 14790 39119 55821 91205 35419 57621 22680 85014 40996  
63001 11163 05950 91310 07887 27842 79039 47309 51095 12199  
03612 90285 97304 53702 32469 86466 63765 44155 27322 32960  
53761 63714 82687 45976 41487 24054 35427 77280 98044 17089  
02120 69799 13241 42702 11452 88328 92867 13914 23817 86276  
36165 62932 55308 94376 23141 96517 48293 42311 66449 74099  
55757 49188 07498 07089 31608 43795 61488 02818 44119 00580  
41067 01544 54709 02292 13276 79958 29237 65219 69495 19642  
74009 87963 13056 63888 13682 09684 94221 11354 53232 88753  
47219 19960 91220 37763 09003 19480 76490 75812 24453 56260  
25523 84015 67681 18513 42623 75180 34140 15598 10123 13572  
83215 09762 40787 45718 36005 23745 09629 28188 57947 72713  
07286 63281 81013 93933 82186 78555 45129 72652 63658 11156

63523 87592 83189 82849 41695 24527 36017 76734 04678 31345  
50239 51537 12289 13069 55631 54448 67059 90245 69356 18432  
44529 69155 40762 54944 00584 97276 22441 77998 35541 02434  
59751 20516 19653 39087 15984 28905 09727 90179 75356 46785  
11547 97988 91030 23831 67785 22422 70335 10628 76080 50193  
14387 25520 66992 03307 54284 04356 96494 20308 51083 69086  
32719 08714 51719 76148 41609 92079 18084 30567 01207 00126  
71420 76727 99218 75379 19252 01729 93590 94743 57008 12291  
40742 29454 61553 71119 21175 91853 18787 03692 17123 42412  
52524 11379 21951 55447 46826 51866 85972 66967 78978 72786  
28378 53085 05300 09516 69974 12432 66969 83070 66401 51016  
08068 59034 46530 92958 23002 53461 85725 65544 75518 96688  
68655 32032 56489 90995 21342 70646 72647 23050 17134 23211  
83470 17074 86298 61836 28398 39671 83910 47121 11566 92258  
95725 76287 36247 52018 86741 44698 06190 47337 22108 69193  
36038 78647 15096 46676 38014 20621 81806 46391 77070 66640  
07299 59334 11674 01502 52836 53225 62432 13275 58933 06487  
75732 80256 23887 19665 74589 93964 62489 27626 13891 04038  
73696 61673 80218 96431 78257 32913 17449 39499 87072 38820  
28296 61139 36484 12922 39016 40708 88672 68155 99430 27970  
70764 06629 27475 24592 26019 94321 76452 89158 82694 24160  
44185 51673 70278 15921 66245 48465 37766 26376 60453 13439  
53681 68136 14839 86613 92518 60621 36238 25890 37300 61596  
01736 32964 52936 52712 80111 29353 10068 77489 15505 43446  
64094 55179 90471 94531 19054 18937 10616 84736 31062 51760  
78004 34810 30986 18606 45522 24693 71045 18145 69390 24810  
25027 02578 02000 29026 96792 38961 92271 25193 16794 10467  
85729 64238 31237 81024 41457 13719 13635 71783 08141 06797  
53395 64541 00000

Link 00052

#### **20288/18404/16266 kHz, 11-11/12-11, 0900/0910/0920 UTC**

11166 00052 69854 11072 02289  
06245 16582 90574 59717 64420 23437 23777 15561 36120 52424  
03735 99740 58108 72044 29178 62023 36552 57898 19110 77380  
53853 07041 78303 42217 29712 81329 07821 95707 04309 78221  
52736 27160 18887 52446 04253 55357 56203 36996 98402 90804  
95522 36871 78515 16832 61860 94012 13647 50469 74141 46866  
90150 69059 21976 33017 18576 13518 25741 08319 23098 04199  
59638 80975 05640 30290 42443 83991 01903 98687 25603 34443  
71470 53276 33394 53007 89180 00556 34817 42175 29965 02557  
51910 46596 64321 22975 34190 43997 06625 37471 53877 40087  
83457 44062 01622 65924 14141 34554 87398 01148 20671 12940  
76270 71527 09227 71714 13695 94276 90455 62035 20080 69546  
30708 18664 59251 41551 51425 25637 10551 77762 18855 33595  
99216 39610 91281 64702 64767 43114 15973 66114 72051 32905  
93015 97905 94666 18061 48233 66419 25426 43187 82376 38951  
93564 93204 88763 00732 93369 55251 56577 40121 53927 86156  
01982 72971 04668 58925 94261 42081 16399 86651 69178 52691  
22514 47319 46707 29941 50068 57917 95361 09254 15402 71308  
10292 95550 63999 94290 97333 52263 59281 50283 80204 06062  
50000 35085 73033 78244 70950 39135 85403 78727 56648 34710  
52116 23570 72707 51506 04830 61962 94561 89034 27797 23643  
88248 39273 64865 22641 72925 18006 69931 78325 69815 28295  
18047 39658 67264 04517 19352 23621 56596 10403 03026 03731  
18464 89523 63454 09597 64368 91645 72226 00000

#### **20288/18404/16266 kHz, 25-11/26-11, 0900/0910/0920 UTC**

11166 00052 34587 25073 01829  
76050 50376 44284 31517 12503 48414 42175 03514 36120 78682  
27423 26127 34628 76880 36014 41766 99573 52059 47659 96222  
40414 36059 51703 61977 23336 53735 17041 81528 25948 93689  
64474 22932 83706 84158 64952 64722 83319 03778 12118 52437  
14061 81893 42615 93889 12925 68109 02592 85413 64579 75767  
83821 86240 42023 29030 77897 83224 98924 68274 21931 13068

49538 93466 34190 34269 97171 50217 63113 65958 97115 88199  
98149 35813 64987 46612 15839 04253 66425 46389 59597 57077  
49061 93829 76620 83760 02720 25345 60360 83571 58781 48002  
72005 66716 64634 55555 39395 42684 94170 24663 56821 12994  
80246 20954 34146 10514 80060 69653 68664 52564 09375 70446  
38170 99958 06523 61264 38641 39208 12139 60685 14999 30048  
75550 43638 58364 85480 23763 30092 68261 76534 53986 91418  
03193 78913 35629 04128 68043 03726 32703 05644 11723 79484  
82579 31823 33513 77569 92029 40900 21533 98324 36480 53544  
71780 59993 73438 63717 61172 57677 06014 00022 73022 84488  
57467 42220 98406 32113 42743 22622 61841 12944 47903 67022  
44710 70989 53413 54871 04891 73736 62211 03379 16005 02160  
73180 00000

Link 10053
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**10644/8159/7438 kHz, 01-11, 1530/1540/1550 UTC**

11166 10053 78451 01001 00049 00000 00000 00000 00000

**10644/8159/7438 kHz, 08-11, 1530/1540/1550 UTC**

11166 10053 79831 08001 00049 00000 00000 00000 00000

**10644/8159/7438 kHz, 15-11, 1530/1540/1550 UTC**

11166 10053 98745 15001 00049 00000 00000 00000 00000

**10644/8159/7438 kHz, 22-11, 1530/1540/1550 UTC**

11166 10053 14789 22069 00049 00000 00000 00000 00000

**10644/8159/7438 kHz, 29-11/30-11, 1530/1540/1550 UTC**

11166 10053 96385 27069 01689  
72812 13853 35522 54585 52636 61539 87317 28521 89352 90018  
47288 32671 47364 51686 80801 36735 26863 39247 70244 10407  
90025 32707 34622 23730 97567 51519 20230 71941 12576 71255  
34780 74261 32566 54515 94432 43485 15135 41187 37343 83176  
10461 31372 16298 98494 80015 51820 50045 59194 08100 65818  
85420 07239 46979 10761 43080 50241 30912 22910 49416 50356  
56718 52462 03805 86904 40105 68536 03576 95260 44453 21547  
19233 28046 66585 68998 05692 54530 26221 63444 12808 58310  
53705 65720 46349 31375 68818 17916 92236 55300 72260 22418  
45372 95992 94164 46139 79079 81386 00768 43124 79330 78923  
57750 62011 98114 78646 39851 49138 39353 05486 25860 64422  
32350 13435 63469 58686 42506 62897 12138 89436 02918 08389  
03565 15578 49292 78624 70736 20205 54419 28838 45661 26533  
60880 86278 26280 80534 69652 71868 97483 13980 24434 24809  
50555 20910 45892 36805 65810 16123 50510 15363 78183 10397  
12570 41154 90047 80598 26272 20484 79640 95612 22920 75459  
74280 28898 52985 01805 78141 23337 69166 00000

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**10536/8174/7318 kHz, 03-11, 1650/1700/1710 UTC**

11166 10053 98745 03001 00049 00000 00000 00000 00000

**10536/8174/7318 kHz, 10-11, 1650/1700/1710 UTC**

11166 10053 14789 10072 00049 00000 00000 00000 00000

**10536/8174/7318 kHz, 17-11, 1650/1700/1710 UTC**

11166 10053 25874 17072 00049 00000 00000 00000 00000

**10536/8174/7318 kHz, 2411, 1650/1700/1710 UTC**

11166 10053 86241 24001 00049 00000 00000 00000 00000

**20082/18207/16141 kHz, 04-11/05-11, 0600/0610/0620 UTC**

11166 40122 28794 31015 03709  
 56538 03671 89121 17879 57006 93416 24782 80338 37641 76073  
 24449 55434 21038 53271 14525 41362 04116 14261 39563 27472  
 41503 46614 84578 49555 40749 06027 92766 22191 42788 12376  
 14565 27825 86090 64244 49010 67273 77949 89080 63308 01352  
 21326 71201 01571 38283 70704 24803 18645 46618 15389 04188  
 99981 98312 13673 68381 53474 71680 26331 42330 84210 68886  
 22866 41876 88066 27691 58939 54677 25092 32105 48437 94284  
 58614 51672 78602 69538 71005 64043 41666 36499 92041 40541  
 81426 25068 00805 99403 78202 57518 87053 56383 20606 01099  
 82999 27408 37563 21909 01444 62971 89036 32233 41182 18951  
 38868 48517 45649 93544 58187 02176 25709 84997 32835 70426  
 82554 49830 73212 19319 91631 66229 50023 76171 33546 32314  
 04322 73580 82872 53944 05324 32200 90816 01769 54398 74487  
 22659 42206 58701 86580 35923 72024 22863 70516 10201 11241  
 32188 53965 64584 33992 25794 49673 23620 42088 83125 81799  
 17744 10936 72292 21334 29129 62496 33655 97785 18870 45000  
 97101 79328 96464 24073 56460 38591 17510 14982 49471 46277  
 20563 10682 16764 59809 39097 85349 38279 99176 49492 78092  
 70563 27174 41004 86522 33391 76234 18632 24880 19126 89015  
 74848 26393 23286 64957 91100 94569 19732 29975 55046 33096  
 28919 71487 04439 09039 52664 05965 33618 29037 73838 71183  
 23535 33164 44454 60377 81242 36163 10555 40464 99806 70719  
 47370 21550 74560 12487 03156 69886 36635 91525 75161 81472  
 89731 19862 66174 58487 61035 89846 95051 55747 02238 23001  
 59708 89365 01593 74039 75976 24806 92938 19756 40783 86522  
 72641 87455 93081 56364 60375 02636 70973 52942 64694 60582  
 88461 09135 39325 51585 80267 89930 41120 94448 88151 17789  
 25608 58001 87182 97703 41076 75267 75372 59168 07137 80013  
 75138 57218 88686 20339 20019 99743 01229 29005 25069 93261  
 08471 55196 64404 24327 98152 87383 04291 18785 47027 22004  
 65254 46032 10942 57609 11622 60493 00959 19208 91945 97485  
 31440 42462 78745 65675 51053 72433 80999 03290 92613 56573  
 27832 90296 02718 36632 46825 33728 37100 69190 85402 68328  
 32649 29482 48710 39732 92017 78208 52446 62339 41773 96034  
 14064 69091 50018 15438 30791 95327 14419 04616 17908 63911  
 56589 83129 05715 63809 83749 73970 18623 39325 03615 21748

**18182/16213/14438 kHz, 11-11/12-11, 0600/0610/0620 UTC. New frequencies**

11166 40122 32157 09018 03779  
 94064 95221 81446 77312 17979 41093 46117 96270 86003 23461  
 49548 73255 79339 78577 99255 52064 23097 37634 54384 19424  
 80868 43375 27565 07990 38465 12524 15764 44360 12746 23688  
 58575 34304 46485 35444 47399 02373 75213 64288 33930 28103  
 76968 77135 11399 45990 40887 78049 67010 01406 15594 93916  
 29007 79677 23303 88712 56799 50488 50584 61084 47598 94798  
 51727 04913 57996 06475 25638 37557 63916 85817 52210 25453  
 07389 67166 99106 61776 03571 47773 34889 75827 06468 10136  
 09428 78856 56776 54977 87543 75992 60295 87053 46801 98978  
 70344 20983 75403 39393 72618 99282 31122 87045 95926 39796  
 47198 03237 97242 54708 96156 83573 94509 08330 47465 90012  
 45642 05829 79976 56844 97150 30123 35102 00271 50834 69087  
 21635 86303 21977 00296 08176 36638 87488 25459 64096 77208  
 47422 71763 34970 59101 48302 02289 63418 06527 41722 02697  
 91298 71522 76611 36375 04182 00085 48655 85230 04052 39415  
 55259 18307 21166 40965 29536 55429 01008 38969 51716 18050  
 27283 09157 61456 84493 66881 37322 19445 91780 47755 52452  
 91777 51223 05636 04084 55515 69974 60546 88596 48873 95727  
 09030 54109 14477 26741 43039 38685 09122 54388 31427 21521  
 78472 30411 24966 91813 20146 76067 70849 64986 83604 75367

47591 00975 80308 19570 56284 04238 02557 95139 29136 10207  
74454 32353 41233 87844 83454 56731 36460 12995 65897 10492  
03522 92239 44990 36212 62994 41914 44670 39883 51354 51994  
27783 75548 12916 89533 32011 18712 35615 21337 02001 20697  
91579 60560 41108 61160 68424 66927 31224 40931 02200 55241  
94090 82369 47946 91885 92566 29435 48777 84008 95271 64647  
89438 91058 53041 85133 45278 13381 60641 04936 62560 37546  
02175 75784 31068 43110 03608 43513 34927 00478 40877 82306  
92588 14580 76988 73963 21913 94029 26561 24374 91285 50455  
71253 34383 42706 57702 74503 67244 97791 25579 69020 79839  
82616 67845 15469 09852 32355 69123 55789 36089 61627 80425  
09571 54137 11520 97982 86942 34531 09199 05056 16394 55636  
01055 81429 10984 28422 45326 10265 21358 55317 75130 37007  
49028 90336 67842 60023 18336 92663 81756 57679 30549 90877  
14530 09967 88423 84163 90610 38953 73050 89667 49419 86599  
65137 48565 82205 72017 49564 06905 02499 54237 53397 34569  
07432 32572 16443 21771 79005 46686 60329 68234 48728 93552  
42069 94737 74077 03500 03025 18375 00000

**20082/18207/16141 kHz, 25-11/26-11, 0600/0610/0620 UTC. Back on the old freqs**

11166 40122 16984 21021 03179  
55726 33471 57473 56649 87119 31411 32423 59483 51009 45840  
11406 48248 62422 32534 51495 74297 83072 99836 68323 60298  
23844 64837 35687 92006 72370 35027 12591 47236 06658 20129  
21172 79223 80669 03803 23939 96585 92825 29891 73767 07033  
73355 82903 35084 17047 51424 67435 99680 04704 87990 16188  
45594 07826 85324 81298 12495 94653 09115 88657 92006 09225  
84122 59893 56417 08653 49300 31733 74194 34477 83319 27404  
85766 85292 36457 59775 37984 82831 29751 70934 00718 48691  
07392 37859 14022 33892 53266 98910 39295 68457 07604 80796  
12894 23199 44656 30725 25612 00899 97347 83411 76489 99068  
39839 17638 74363 11486 63934 82060 85619 60678 10282 94923  
51568 78560 40285 47409 23887 77399 59687 65268 91565 78298  
29740 08455 97798 89389 26919 13423 70249 50920 37106 07800  
13135 89421 95182 52096 34566 48149 05970 88171 07570 85974  
07457 99107 88255 61927 62246 10205 39533 47566 88169 85780  
33843 34371 63986 01453 33329 28342 71131 96597 70882 48988  
57429 36672 80507 74908 33714 40092 50444 03132 39309 49340  
97474 14421 37279 51003 85863 61717 25411 74427 39365 23920  
73857 23667 19730 92179 25371 22426 70158 80911 19081 76671  
47128 80686 23735 84617 89042 95213 91359 48752 95130 29596  
67261 69603 13036 22032 17316 25940 58542 36172 58477 71070  
15853 56301 03457 99959 91889 52543 55482 66819 23019 08270  
14112 57881 57665 26911 78002 49036 63240 60335 55606 03015  
30819 26015 19696 85816 76020 05133 66694 07060 59500 38843  
66707 13941 75526 64865 15237 93504 82047 61590 22474 62893  
70707 91897 01135 52275 00237 63869 38776 10139 41662 50584  
65503 85631 08769 36176 53047 67645 72253 80360 06106 85317  
81010 18595 31925 99656 38978 40078 99029 40960 10993 10765  
21058 71719 56083 33589 26623 79714 11646 63083 01159 30951  
76933 16581 11665 37167 69297 49178 50309 17566 51627 84666  
57803 59480 54410 19605 12515 07650 40865 42718 96229 36794  
88576 36821 72512 87182 86067 21315 00000

Link 60070

**9337/6920/5445 kHz, 03-11, 0030/0040/0050 UTC**

11166 60070 14789 03075 00049 00000 00000 00000 00000

**9337/6920/5445 kHz, 10-11, 0030/0040/0050 UTC**

11166 60070 14725 10001 00049 00000 00000 00000 00000



**9337/6920/5445 kHz, 17-11, 0030/0040/0050 UTC**  
11166 60070 36941 17001 00049 00000 00000 00000 00000

**9337/6920/5445 kHz, 24-11, 0030/0040/0050 UTC**  
11166 60070 36549 24001 00049 00000 00000 00000 00000

Link 70059

**8174/7316/5929 kHz, 02-11, 0500/0510/0520 UTC**  
11166 70059 12398 02001 00049 00000 00000 00000 00000

**8174/7316/5929 kHz, 16-11, 0500/0510/0520 UTC**  
70059 35789 16001 00049 00000 00000 00000 00000

Link 70202

**14354/12177/10156 kHz, 02-11, 0700/0710/0720 UTC**  
**14369/12186/10231 kHz, 02-11, 1200/1210/1220 UTC**  
11166 70202 15938 02026 02499  
94522 13782 95878 83911 79621 99888 54762 46541 66148 61035  
11169 22488 18091 94975 17917 71037 82828 68361 32061 71476  
01888 89289 71400 74405 11255 27607 09767 46898 10925 81414  
03257 72449 08379 13189 64620 91636 65671 03977 27976 94456  
04820 99091 71040 00242 51180 43756 87079 86127 19505 32111  
23738 49982 72356 18058 30961 18753 05576 61341 85180 38155  
40486 07329 81964 04648 27528 23920 14301 25637 91002 44020  
78725 18827 69618 87020 76459 86687 32520 57713 01758 26937  
75506 46095 34653 65009 27096 76478 80283 19433 19157 79363  
21981 36048 01763 84497 80326 52014 06986 58560 95346 75546  
91296 35927 74042 92297 11263 15921 70430 34354 12244 25019  
90306 72751 34754 67429 37890 19477 68192 12488 46554 49871  
06624 92307 60827 13848 62950 81246 18566 96140 95846 87585  
34980 75668 50460 96645 12653 90753 82886 59574 12722 23297  
32999 79070 13990 44188 89859 22940 18459 28638 05468 80852  
72693 50558 04179 98688 76964 15361 84393 74731 03791 40760  
59624 52262 98086 44557 35580 92631 80513 49281 70370 63562  
26155 62663 14469 26750 40130 43473 77495 59319 02244 12123  
18717 93339 02395 15341 07879 08013 38731 04375 53569 58733  
00344 35897 45751 77346 06396 55384 09519 28155 23620 71887  
16699 54049 34006 83773 52548 96808 74455 65098 84043 26456  
20519 71267 26897 63567 35882 74222 57984 29287 59570 85808  
70267 07144 52711 79090 16925 51187 76700 67035 41553 24800  
24823 47488 41538 04547 78861 74426 61093 33345 61303 46440  
56126 35800 71659 69777 36341 83340 85749 26247 00000

**14354/12177/10156 kHz, 03-11, 0700/0710/0720 UTC**  
**14369/12186/10231 kHz, 03-11, 1200/1210/1220 UTC**  
11166 70202 65428 03027 01559  
38028 38227 64093 86948 39662 74543 26134 98171 94543 11026  
60253 33842 30980 47211 29049 06535 84773 01722 98761 88045  
92907 24496 19147 02526 27969 12622 21424 09947 84224 84478  
07718 47085 51296 91862 30451 18217 36373 74796 85109 52699  
20894 88686 64826 71645 62638 58550 50221 30859 79172 39964  
32927 32228 73574 91450 96246 20769 88377 87967 01385 09497  
98688 30211 52664 99314 80387 29394 40208 86113 14371 72205  
83479 72265 12770 95637 24150 24700 78069 26357 41718 46744  
31087 64317 90319 55927 68724 15296 80166 84928 37451 02046  
52054 47851 33444 08749 18369 39021 65327 38454 69037 56495  
40440 88193 65860 67454 60589 71465 73659 57690 38200 42758  
01671 32352 68824 03821 53642 60158 20924 96361 10055 78244  
28887 10849 90903 99850 00198 66122 72493 92024 72704 39489  
56671 15532 82927 51998 15933 44161 31332 38571 62854 05614  
55518 57691 17274 11158 47255 20329 69661 66246 74301 42791

64120 79269 92947 27153 00000

11166 70202 52476 03028 02299

26922 53477 76336 88509 01191 60822 50759 37694 75341 87065  
31219 45092 32267 43536 33612 61453 57035 87180 75747 16219  
73887 99336 39982 74480 49749 97037 98464 06913 62685 69013  
61905 77394 58724 53587 37823 77986 45508 00662 09201 65961  
96190 84968 69488 82571 62029 62771 74894 58243 17107 89225  
99893 33886 83617 38558 06902 52998 11158 94268 66042 04263  
08457 01550 85955 19325 50991 99081 41569 55420 12910 72427  
09791 17566 96713 96185 49038 99983 59134 57105 83565 51451  
56629 75347 78499 94264 58955 66070 16549 51502 04236 08544  
12297 62279 93978 14966 25046 89673 51464 16171 56117 51023  
91957 06429 41578 25259 78169 14504 76300 16996 59411 93176  
30316 82031 17878 44409 43390 43973 70494 22341 08755 56650  
99773 81305 81941 92031 12109 61054 75646 58302 46946 26375  
26572 77819 85275 03288 45177 79604 30877 79022 84271 86084  
62750 57935 87400 98751 82185 90587 02952 12443 02890 18148  
74915 12913 57621 99308 46253 37404 19769 11924 35793 02884  
63304 46527 74601 31648 09552 33941 12762 28980 34218 74152  
32509 92541 33103 58644 28634 58190 69951 03375 42131 11917  
54859 34583 57985 22573 26693 94621 03071 75095 37944 59992  
05083 08903 65468 88773 98434 91157 95535 39634 88071 79573  
56638 29619 07133 54468 98486 22881 29396 24740 40637 67571  
22441 37452 39185 23050 52483 45725 44964 44626 76797 14613  
51679 17993 84675 69659 57430 60573 72864 28227 00000

**14354/12177/10156 kHz, 04-11, 0700/0710/0720 UTC**

**14369/12186/10231 kHz, 04-11, 1200/1210/1220 UTC**

11166 70202 32596 04029 02459

09260 27722 23031 12811 44239 20671 57611 32849 69858 24641  
00493 80677 67393 60839 06807 52425 94914 81696 24131 88117  
38155 18983 01817 62017 81015 30064 91025 26597 44130 84494  
46439 64800 64938 58125 65552 30290 17703 26924 26513 80386  
96895 77682 10430 31349 12411 77814 19091 90724 70025 71417  
24028 46428 35555 93789 07872 17247 06134 21602 83922 94460  
37068 00888 04885 29265 97686 20063 96698 45678 54635 20147  
78410 83624 06053 59386 54008 01887 15059 74445 87169 95598  
15998 05385 94867 07989 91874 76581 20746 41037 46421 50804  
74223 94756 19222 98614 46267 89766 17354 50288 37747 52858  
61957 22448 61339 70237 73195 36585 02895 38127 42024 71666  
53220 65423 62213 18011 46209 08089 21069 24621 64252 39969  
72276 57161 96878 89729 39310 08766 63544 98587 22854 30871  
36536 78528 10653 76244 24895 75711 13254 71424 05320 68721  
74055 60724 10979 56388 27117 89019 14172 14831 01153 15484  
63772 28433 93159 75474 63397 24436 60113 32747 01235 65822  
02163 89190 67467 82197 35768 44270 20238 43343 80218 21365  
86075 05132 05967 03181 05746 82495 18217 43448 61438 29132  
74202 47058 46244 28635 57594 35858 61854 26743 58475 42272  
55419 59378 32320 97939 31507 56187 36412 09569 00090 24245  
67143 39175 46518 41632 46630 30908 34385 15557 32082 51645  
77255 84718 46358 37545 40173 70592 53164 63741 56886 07333  
25301 79371 73743 04978 79425 75125 56179 25631 75756 75497  
18737 77338 06147 72940 64563 55310 18985 46090 45320 85200  
54344 29273 77431 29243 00000

**14354/12177/10156 kHz, 05-11, 0700/0710/0720 UTC**

**14369/12186/10231 kHz, 05-11, 1200/1210/1220 UTC**

11166 70202 12473 05030 01799

87118 67982 84337 45263 65479 68733 42108 50581 06327 03933  
71237 53584 66637 24443 30995 50411 01007 47759 06388 28756  
36259 24773 10734 24526 73489 43744 74284 08677 40987 88676  
04811 33911 46476 94256 31106 95925 02109 64583 65331 88898

20652 47838 45148 59906 06299 84107 41574 91941 88552 68538  
43500 70250 72609 97007 54799 11637 04685 86504 64978 61463  
75716 87401 79297 87997 11890 29813 19302 28823 25408 71221  
29699 68978 23963 37557 52524 55528 02328 74929 54526 78247  
64520 54184 18714 71098 49968 95479 36000 14211 62116 05078  
57882 41020 22912 41522 96092 80285 01608 53398 80163 87646  
91321 55871 08834 46423 31777 38167 56245 42344 01687 19213  
18863 41883 29192 93599 14049 28897 93812 35066 66238 79255  
18331 49695 41655 78146 74064 95995 17489 09737 47943 14073  
96490 73895 44856 31069 02917 09649 23670 35054 20751 30058  
90396 34571 60157 98217 96910 46001 63084 99051 18680 75962  
83978 86593 09938 90902 06520 11452 59728 91094 82339 58125  
97270 31210 02647 46886 20082 54664 38695 79883 43284 33920  
12045 36186 93543 33931 80544 45433 96080 30177 00000

11166 70202 24865 05031 01619  
20567 15358 61685 08442 09068 27585 27982 48450 65306 57633  
61866 32861 46199 75709 17471 22843 85094 61123 29213 54811  
60733 65858 23385 67137 74514 19639 37265 64446 15748 74948  
37931 80451 19585 15421 57979 25266 47304 76047 90309 28120  
43660 48640 09194 11424 50961 70987 09798 57124 84577 23134  
83339 51275 99558 79233 70091 17773 03058 88399 57395 77187  
92235 83001 14886 91629 22350 37838 84106 81591 34702 28625  
64713 25695 99134 63243 64441 79288 50769 84171 05032 72833  
25669 65549 01302 76003 25115 53310 55553 38455 63183 21815  
34487 43189 77311 45429 20839 33448 06537 08475 56902 99084  
67101 02005 22131 33349 80107 80824 12020 96013 30914 79213  
10435 43784 64947 08766 72590 13944 49644 86804 60861 72141  
57175 68798 00608 60292 47675 83214 48211 05503 57631 92261  
88510 75975 23150 26935 03807 94821 92767 69828 81652 47719  
09498 84128 53583 45357 66806 12245 82008 26609 68202 92498  
37421 13351 45129 67324 33137 52897 12834 81404 09734 31159  
00000

**14354/12177/10156 kHz, 06-11, 0700/0710/0720 UTC**

11166 70202 64537 06056 00049 00000 00000 00000 00000

**14354/12177/10156 kHz, 09-11, 0700/0710/0720 UTC**

**14369/12186/10231 kHz, 09-11, 1200/1210/1220 UTC**

11166 70202 95632 09032 02739  
02120 88764 20396 52645 19620 84545 91385 21432 99837 02485  
42581 71142 48216 99265 79743 17279 50740 22176 01100 34938  
77693 71623 28685 09267 04692 50081 71811 46567 36947 27144  
71104 88227 47691 75387 96546 94680 66692 56712 97956 91559  
79810 63872 31353 95256 25524 46852 09629 60058 99366 78809  
50985 14056 02216 41245 23553 76006 93357 33108 09646 70340  
34281 33506 38076 82506 34135 72718 57980 21827 32773 91204  
52578 84069 82342 91276 16319 30905 13341 11144 43836 28452  
96086 76003 04165 12092 33533 05876 98642 69736 46373 84854  
25943 60745 36357 21482 02676 12671 38783 54917 12987 63026  
00077 86593 85609 38258 41405 42057 21782 87110 94271 92663  
22490 10583 19011 91823 88460 55643 42141 05494 91345 64907  
73491 41588 39539 99458 89059 08005 87056 77001 90528 53952  
58916 92534 77378 74263 91471 13729 92532 81388 11111 68205  
27483 74750 99777 64886 97816 62145 20753 16624 25098 12890  
03114 56284 86028 47389 08332 63471 14838 92818 27438 44089  
69829 59607 82183 29919 00019 18411 28649 90404 72823 82256  
86732 73836 48706 23554 43949 20109 13741 80657 06988 12257  
06023 33666 99461 58941 96862 54148 29282 25085 12704 58477  
74101 52837 08703 19477 58263 40059 29900 16046 19688 68515  
20937 25458 90140 98961 70233 88035 37315 75311 99584 98861  
42172 05079 35101 06240 09968 08268 20435 21570 38411 51915  
58231 70351 91389 12463 90731 38970 51695 33150 55486 96989

51197 68606 77094 99605 01888 33852 80919 99971 76251 99867  
39709 26073 10376 02939 89076 01837 28272 59962 72749 17173  
10806 06888 03555 76620 57707 02495 51059 81305 16079 64695  
91803 23876 73847 31534 83081 01121 41592 64091 46181 73948  
71193 32271 00000

**14354/12177/10156 kHz, 10-11, 0700/0710/0720 UTC**

**14369/12186/10231 kHz, 10-11, 1200/1210/1220 UTC**

11166 70202 84359 10033 01599  
62052 20067 24286 79901 74554 75538 68303 42576 47260 67680  
31749 71824 45295 75318 49740 23183 21121 09666 97850 47062  
64459 82679 27633 35078 77696 02851 39335 52416 81470 21882  
09024 42176 80119 80675 12282 12619 41679 28079 11678 43263  
72121 10819 00193 70770 88514 58063 17793 40549 20803 09058  
83329 35017 96880 57255 08966 14470 90658 09393 89299 31476  
37806 82946 82397 04749 48851 90405 24891 63424 74341 83793  
48359 97694 01734 57885 89157 76718 88711 35556 08898 19760  
62621 83689 67756 31482 40706 33094 17803 37345 50821 00863  
08535 80031 57337 38607 21811 62851 21897 55007 78361 51055  
53730 86125 83071 66988 29199 11896 01220 40045 85276 42256  
82858 97327 16635 21340 77535 05978 31032 23172 06526 03105  
42693 37308 84770 74240 08363 67853 09722 66277 35719 94292  
59253 45811 18845 67582 65852 38830 80433 39927 59266 12693  
25416 51687 94788 86325 35710 23853 09384 79586 60765 29526  
72826 37714 83597 42836 26054 91825 66994 33157 00000

11166 70202 25478 10034 01779  
78618 61860 34044 87553 06672 28090 29290 55663 63551 78820  
37955 90751 81285 96440 58186 89574 48806 26355 95793 50111  
75607 89065 93399 61032 57859 04458 20616 96353 70389 45478  
11199 44938 32990 63398 58105 29566 24470 51849 02411 95227  
42902 41806 76995 71352 35507 44726 90971 37645 46587 86008  
65753 48227 56980 95985 58737 93763 13444 50612 35510 06268  
71424 79051 76532 36265 99642 80345 29235 57013 19928 16353  
41457 75456 80747 73140 37172 54609 87869 08032 20442 77047  
40580 24468 18518 04208 46916 41909 00054 11172 16335 52926  
29346 01621 53260 84695 42548 32663 99950 07076 56794 04209  
02116 54448 48174 92576 95727 53524 59489 33038 38458 74284  
23732 80962 34188 46264 14229 06275 24015 07343 57374 00890  
42203 77257 68909 03834 60513 72993 99662 73719 69352 08273  
01709 63278 69167 44299 50871 75629 70543 83969 86511 06969  
26421 26726 54542 05385 44881 26236 64594 00459 55942 18104  
97290 83364 30783 09774 22549 42143 76863 49840 14858 81833  
57345 18934 76466 84162 08276 09378 04419 86466 51961 85803  
62369 84544 29968 43906 43132 34175 00000

**14354/12177/10156 kHz, 10-11, 0700/0710/0720 UTC**

**14369/12186/10231 kHz, 10-11, 1200/1210/1220 UTC**

11166 70202 87954 11035 02479  
64920 85812 63153 65431 35697 11293 85156 31573 62540 03828  
27597 83528 25677 59250 18153 77247 67620 78969 83078 15070  
30419 99966 15948 83198 11757 19032 17588 45121 00835 15931  
30644 08187 79972 05178 17214 05506 02881 71112 52976 60372  
85517 65965 36269 25394 70490 75601 35548 13518 50926 82619  
23650 63135 64750 81511 72327 04457 95319 25554 05456 19346  
39332 10128 34388 11799 27964 22150 23858 31248 12170 10306  
61902 15895 48071 55773 32214 48247 43392 48117 12381 40046  
50856 96051 46437 88779 19502 27751 65168 72964 39840 60398  
52612 78386 43803 43662 82183 72484 45406 06784 70865 69060  
33083 63967 24910 50522 49604 57759 75476 39822 20542 45096  
27644 39292 17204 55729 71250 78564 64972 77687 26979 38759  
33001 49481 26134 45131 66187 63739 47553 45357 45372 11949  
60079 15660 86701 25006 44040 61947 16080 89244 90166 08162

79662 42649 99391 89025 76322 80927 31966 89361 23026 28134  
79327 97189 89047 51529 57160 62780 59989 25375 43082 80846  
17500 73326 07406 38076 45671 44141 10392 93173 00025 00366  
64454 81623 00038 24701 84739 62330 31132 73733 76520 48356  
67086 33716 32848 88917 48789 58084 40894 94847 80274 91399  
20419 24692 27985 09411 42812 73649 34196 29907 04130 32522  
80529 74067 50575 08877 62515 82984 79868 27603 61110 19047  
66912 53046 22143 06875 87234 99917 79595 93498 36601 25158  
83671 32456 70274 17944 19592 21506 10331 30034 28047 48646  
94478 13620 63245 26110 64825 58903 49504 17051 20019 48551  
22300 84579 79205 71241 64745 35245 00000

**14354/12177/10156 kHz, 12-11, 0700/0710/0720 UTC**

**11122/9432/7685 kHz, 12-11, 1200/1210/1220 UTC. New frequencies**

11166 70202 85417 12036 01539  
01695 34097 27999 13627 30679 27132 23484 91342 64361 39311  
94532 53896 96395 09392 62348 19392 52731 19242 71894 65742  
63431 96693 24892 89424 25216 71999 80891 04573 65665 42604  
99844 49587 45017 25894 24615 93453 56510 04627 26873 58949  
11183 94720 64802 04943 18099 90099 26066 34956 95909 64273  
54457 24181 76709 33345 83684 82147 88103 10128 26719 93220  
24447 04068 94147 02115 43176 46654 39973 36617 47173 47002  
58278 84708 39107 07301 79225 68262 58683 52812 37793 80509  
38743 56109 13715 79471 41141 60238 66045 54528 58356 30494  
10785 08320 91752 89497 15019 21172 42447 15262 05994 90225  
75701 06932 18569 60456 44800 47888 29489 89788 85324 20905  
51911 15464 15787 55038 88620 13877 05542 08952 67372 71054  
95922 20341 06809 05961 85538 76176 86371 13829 15670 83414  
18662 21697 16695 44902 47672 73337 01493 70134 21343 85770  
16760 75567 11867 44543 88163 54165 82187 29974 20291 18877  
22125 36151 00000

11166 70202 25178 12037 01739  
07814 31574 06306 17356 73255 49479 06638 59661 21126 36090  
03620 02417 15041 60925 77059 80664 85252 25521 60969 71181  
24228 10049 20443 95606 95987 88790 72768 44745 51410 75397  
57463 47511 66680 83868 84927 32930 47064 16192 18395 58652  
63206 12581 68873 04401 12136 25250 07763 53803 20168 01660  
26829 13036 29879 88170 00240 39725 38363 90051 28329 80540  
78936 48762 67794 40910 63492 22471 78000 35315 27682 80721  
38090 91571 46121 49205 14580 07573 09801 65563 84132 83890  
82889 32166 41192 80708 81127 76800 45170 72503 38975 57201  
86870 98913 57734 70376 78839 35246 51802 52643 99330 31041  
35263 81338 44568 90146 16002 14114 68997 90729 89515 26775  
18218 68668 49627 35584 84270 12763 58283 14988 37986 45197  
41610 46674 18058 85692 04441 60929 81554 22791 80473 56208  
45539 40703 60274 07875 74487 75164 64291 02024 93198 96728  
53075 55357 29879 44939 91902 07019 19091 61821 11970 93345  
19251 98127 35368 41464 24369 90767 56006 42674 74705 34880  
93684 91553 96055 98955 63494 01723 22318 56477 27745 34209  
81067 37171 00000

**13953/12271/9934 kHz, 12-11, 0700/0710/0720 UTC. New frequencies**

**11122/9432/7685 kHz, 12-11, 1200/1210/1220 UTC**

11166 70202 34761 13038 03129  
83370 08490 07149 05926 53020 08573 81886 26897 72718 73348  
97636 67271 93930 32287 37481 96046 04603 14840 72274 60529  
81473 80746 55968 81734 60843 42642 82375 56921 44991 66878  
33037 17687 86422 63508 70888 17077 17131 01369 59427 44125  
15076 09198 12039 89279 25049 48721 01203 09141 76124 70655  
82232 63957 62877 89554 11273 26310 82563 38442 62204 84425  
45435 89165 72170 88559 00398 49414 70410 13878 43182 72328  
70068 38285 99224 39651 27687 58629 98439 04350 00060 93720

84075 03641 53139 47610 22844 78374 02677 31552 08497 59699  
91293 68103 76059 08943 31665 25784 68887 21663 70498 57742  
25743 31790 53009 42862 80085 76807 92566 52750 88748 09904  
75204 93035 32205 70033 53681 92430 53594 45828 10781 37975  
28718 94293 96537 79914 84168 00222 69075 54642 05796 87274  
93745 99146 04694 16656 80256 55402 32890 34324 62476 88132  
65935 52675 50598 64397 94571 77633 10361 68428 92667 17098  
49002 50158 53616 31664 12640 30882 12376 13575 24771 14476  
95338 04830 20561 77629 65226 90390 56633 37514 53182 27425  
01026 20332 95270 96519 33016 79179 15549 85805 07492 34671  
22911 43930 63567 36741 13892 62816 82118 71091 98608 76140  
21933 58691 92046 84473 89164 21791 37846 43021 19773 14869  
56819 72894 79639 43963 37337 81854 12045 22821 09821 05473  
87201 39292 72487 04632 33519 30426 60557 80314 55301 89690  
76107 91614 66554 54757 20758 87912 95588 49295 98372 91137  
40124 77200 79969 89078 77553 92707 48031 25660 60085 94819  
62386 99124 49427 19487 14871 04075 70708 27979 64939 78287  
90332 14890 73424 40261 47442 84204 76629 28414 93679 66868  
67934 77889 20944 78305 79116 95888 81815 39306 78561 21477  
32350 08739 28555 80809 51922 01511 68847 73690 19802 90226  
18675 52426 53165 13963 14424 78901 36214 42626 25125 70811  
95093 70299 12975 72993 98304 36043 31055 14795 87285 95561  
75449 39413 66863 92201 33948 16143 10249 00686 98515 71476  
38310 00000

**14354/12177/10156 kHz, 16-11, 0700/0710/0720 UTC. Back to the old frequencies**

**14369/12186/10231 kHz, 16-11, 1200/1210/1220 UTC. Back to the old frequencies**

11166 70202 35627 16039 02559  
17068 36556 65578 64519 32976 92091 37187 62042 67110 40968  
00620 14586 07410 33793 38474 57964 22083 32291 37773 94260  
31382 61914 21746 94480 39625 65715 87957 32944 25915 51682  
13721 58109 16983 50713 14735 29500 90600 27426 67879 75440  
82998 10992 34113 51279 98719 38164 42399 02781 46357 25713  
20606 64393 48607 14437 84326 47054 00074 51947 19531 95240  
71269 06401 20015 17949 82238 28389 65567 23276 94253 03153  
51798 11316 93008 60315 07563 05033 61762 33326 60923 23819  
67850 85796 39582 29404 11023 46920 16728 98831 07030 23160  
38221 04159 04903 78392 92074 03588 61358 99698 06151 73715  
20777 90985 85023 37575 74179 61630 21931 68170 95646 02323  
46769 72188 79617 65313 96057 83568 27505 91236 15814 21628  
57064 49704 33274 93424 32955 85859 58403 45044 41926 90068  
01122 91499 61076 32956 15201 79938 92610 32944 04746 65825  
63543 48512 54221 06814 13774 12348 67948 03973 20989 49571  
30009 45068 35809 47241 20498 29580 25629 67314 49066 80146  
50591 20240 91678 70123 20121 41404 41535 21940 03467 37573  
10096 55944 92685 95564 39127 94429 41500 70294 09736 50517  
28476 94420 59301 56591 17959 76745 42263 11977 17190 81582  
95692 54538 53063 06265 95581 85892 16941 98982 14798 04924  
50974 84148 18634 29287 74372 87459 58897 09586 73036 77862  
52461 65914 01028 68595 55240 01450 67271 44503 67503 72782  
05966 07804 31473 21673 54116 59507 07156 97924 84629 58660  
37318 28047 68421 26613 37574 09424 63960 88493 72502 34642  
57689 69073 03731 75689 03768 85219 20940 82706 36565 02113  
91713 76973 54346 39253 00000

**14354/12177/10156 kHz, 17-11, 0700/0710/0720 UTC**

**14369/12186/10231 kHz, 17-11, 1200/1210/1220 UTC**

11166 70202 09851 17040 01559  
75077 04358 65735 57992 23470 83674 32975 66881 28549 98077  
79229 15360 86962 20139 89025 09342 19656 86497 80097 85217  
22232 18403 49883 61119 15018 40806 14710 51564 10027 85912  
71332 93912 37000 92157 35524 60078 95722 34516 37411 51937  
26794 47105 78227 03855 18040 24014 78184 40791 88759 09277

70143 65399 18996 11968 18769 72573 16006 07307 69871 14870  
35127 09756 59601 67249 97229 29016 38195 64568 69937 44874  
87967 10269 04802 61838 40221 79687 47621 29492 20773 66436  
64099 39506 78783 45293 48014 35259 78568 50022 04098 94975  
59091 89578 22812 74356 90819 51133 89202 19606 84625 63345  
93025 86806 32434 18331 32334 28592 84288 75754 27697 34022  
91534 97496 89266 32642 70802 86313 03854 98614 68478 26950  
34214 15908 30356 53120 47728 90445 06138 88814 16665 20166  
43505 37353 57212 58936 51415 16637 99466 35243 37323 64018  
05569 11617 48024 59252 78164 95701 68793 38936 26396 38937  
60509 00903 81586 40153 00000

11166 70202 53128 17041 01759  
01896 57604 28415 31915 62181 30126 41700 27791 69191 05181  
26261 43424 43453 16627 82523 11592 77048 40866 47447 66860  
66712 56085 59501 14258 75939 46525 48755 23432 24525 43953  
12987 52984 28991 23534 65780 34670 42326 96273 67519 72146  
66476 65244 75238 33956 36035 37758 72253 45445 96553 10691  
63517 09287 25924 71131 47638 09309 72261 79555 01486 77307  
06732 27709 38348 27540 14757 88376 25544 88578 74034 99241  
72462 87213 92813 48009 24932 64100 06863 50993 26894 25826  
58561 42338 35282 63089 06566 16083 99070 89690 39474 88236  
38423 81997 91932 71067 84863 23594 86620 76778 68436 84789  
50555 92777 62765 91683 79147 95700 23962 64462 46449 96406  
84324 29626 85029 33110 86750 35824 83919 54843 70819 27999  
78055 62447 46467 59510 27675 99258 16193 46942 11075 08699  
31750 97264 79201 00943 96229 62056 45486 95854 47512 98457  
09375 34388 83984 41551 36983 75620 18497 17860 47326 21630  
71465 54640 77543 37381 39083 64668 25567 57829 97559 11197  
93673 99407 29339 82780 81346 18108 82218 32647 00899 81319  
97326 62312 14277 41173 00000

**14354/12177/10156 kHz, 18-11, 0700/0710/0720 UTC**

**14369/12186/10231 kHz, 18-11, 1200/1210/1220 UTC**

11166 70202 54831 18042 02379  
66865 88228 37867 23143 74824 84075 31260 30331 59043 82412  
88348 38794 96432 44620 75192 49600 21208 61180 16248 20271  
72122 56603 62752 25419 89413 42888 03774 30771 78635 07453  
49628 28997 83582 46483 42347 10799 35471 79620 72884 69687  
70590 06937 09747 63896 33592 94137 68739 83849 08607 96919  
78510 98643 45391 60423 21585 79967 72673 54733 55578 26899  
15897 32335 44262 40021 61545 18492 53196 18290 35237 70472  
89584 77096 85777 66549 91063 10954 92350 10738 93108 49257  
37056 64179 29729 78536 09947 39135 47162 29662 38789 16506  
35239 53425 60713 72827 06114 32930 77940 27681 75042 06249  
64786 47441 22900 97759 18116 66318 45129 81617 68450 10619  
16793 25793 93896 37168 28436 90111 04107 21828 72429 76735  
86431 59052 84493 56528 31482 58412 70082 19725 80265 49037  
70322 24372 60090 27896 47184 40943 01432 12870 92583 16596  
52941 86542 91098 07487 36783 41654 90977 52595 11502 64154  
63147 87485 34581 14782 52889 21450 41911 95130 53880 26467  
86330 09111 59289 11414 02438 55771 69602 79973 89864 14396  
61884 95661 32188 07832 50144 02432 93681 54969 91510 74276  
61075 48327 17887 92269 22534 17668 97785 72494 01022 65587  
58032 93279 84257 86015 20007 95196 18426 01562 30134 52241  
57863 80650 89296 37651 87870 20373 10862 32785 62870 06007  
62006 52506 27082 83124 68031 85509 09895 03244 84358 73028  
13148 28951 65876 74351 32481 09426 88350 92601 79968 62325  
01568 59200 00192 22948 18901 42235 00000

**11122/9432/7685 kHz, 23-11, 1300/1310/1320 UTC**

11166 70202 85417 12036 01539  
01695 34097 27999 13627 30679 27132 23484 91342 64361 39311  
94532 53896 96395 09392 62348 19392 52731 19242 71894 65742  
63431 96693 24892 89424 25216 71999 80891 04573 65665 42604  
99844 49587 45017 25894 24615 93453 56510 04627 26873 58949  
11183 94720 64802 04943 18099 90099 26066 34956 95909 64273  
54457 24181 76709 33345 83684 82147 88103 10128 26719 93220  
24447 04068 94147 02115 43176 46654 39973 36617 47173 47002  
58278 84708 39107 07301 79225 68262 58683 52812 37793 80509  
38743 56109 13715 79471 41141 60238 66045 54528 58356 30494  
10785 08320 91752 89497 15019 21172 42447 15262 05994 90225  
75701 06932 18569 60456 44800 47888 29489 89788 85324 20905  
51911 15464 15787 55038 88620 13877 05542 08952 67372 71054  
95922 20341 06809 05961 85538 76176 86371 13829 15670 83414  
18662 21697 16695 44902 47672 73337 01493 70134 21343 85770  
16760 75567 11867 44543 88163 54165 82187 29974 20291 18877  
22125 36151 00000

11166 70202 25178 12037 01739  
07814 31574 06306 17356 73255 49479 06638 59661 21126 36090  
03620 02417 15041 60925 77059 80664 85252 25521 60969 71181  
24228 10049 20443 95606 95987 88790 72768 44745 51410 75397  
57463 47511 66680 83868 84927 32930 47064 16192 18395 58652  
63206 12581 68873 04401 12136 25250 07763 53803 20168 01660  
26829 13036 29879 88170 00240 39725 38363 90051 28329 80540  
78936 48762 67794 40910 63492 22471 78000 35315 27682 80721  
38090 91571 46121 49205 14580 07573 09801 65563 84132 83890  
82889 32166 41192 80708 81127 76800 45170 72503 38975 57201  
86870 98913 57734 70376 78839 35246 51802 52643 99330 31041  
35263 81338 44568 90146 16002 14114 68997 90729 89515 26775  
18218 68668 49627 35584 84270 12763 58283 14988 37986 45197  
41610 46674 18058 85692 04441 60929 81554 22791 80473 56208  
45539 40703 60274 07875 74487 75164 64291 02024 93198 96728  
53075 55357 29879 44939 91902 07019 19091 61821 11970 93345  
19251 98127 35368 41464 24369 90767 56006 42674 74705 34880  
93684 91553 96055 98955 63494 01723 22318 56477 27745 34209  
81067 37171 00000

After November 23<sup>rd</sup> Link id 0000 was heard on this schedule.

Link 80050
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**18175/16213/14438 kHz, 19-11, 0600/0610/0620 UTC**

File: ?4408 ib F06a format

Modem problems. Sent as F06a. Many errors.

**18175/16213/14438 kHz, 20-11, 0600/0610/0620 UTC**

11100 80050 45612 19069 00049 00000 00000 00000 00000

**18175/16213/14438 kHz, 0600/0610/0620 UTC**

Modem problems again. Undecodable

**18175/16213/14438 kHz, 25-11, 0600/0610/0620 UTC**

11100 80050 48925 21022 10029  
29193 82805 42571 16343 67065 90764 88524 42819 12595 32100  
03398 56880 75023 73120 94189 45834 27487 37482 44102 25283  
20920 19493 97794 59112 52758 71334 16253 27627 76349 93904  
49737 86011 62034 85954 02232 80321 45822 31214 85823 13171  
26600 28200 88481 76321 97818 92380 03631 92350 24583 85391  
94995 32587 02097 50993 95127 03511 56383 62455 61061 18792  
73242 11045 35542 99156 66351 90326 87250 67288 20479 55948  
28476 29917 70720 65596 33662 64317 03718 28820 07275 51383



91781 21408 74416 22468 95865 43996 92641 12194 98319 29608  
08394 34389 51377 29807 06510 23373 52288 34144 26230 07750  
81062 02603 42153 08914 61739 15713 33558 81451 33138 72028  
90557 37617 40008 87658 30496 23088 80535 77539 23040 36172  
71134 23122 47397 07658 14453 56185 30109 83499 81550 13439  
36834 77522 44162 41624 16588 86331 18006 57785 21847 83618  
03060 94403 52980 36050 31749 84082 00431 07922 60978 63477  
83086 46773 68954 01141 06282 67151 42732 78985 87869 74691  
67407 82055 25788 97737 52930 76271 05578 18651 59428 78862  
71270 22029 07026 51159 08104 01993 81055 68431 10477 95753  
68625 46476 33609 35635 87472 29616 52321 36733 93036 69827  
75386 62415 74691 51652 88880 34837 77080 42615 26981 82667  
07480 73804 93634 43202 15141 80319 83552 61066 53540 56269  
75953 50685 61472 04013 99497 14709 23941 82317 91850 35581  
98753 83140 02315 82448 19796 91699 10964 00578 12890 09542  
62719 75487 85193 45285 39804 88972 74072 02722 21014 09208  
66378 20972 01245 82127 24079 46378 69706 16256 77175 40824  
70267 78184 69831 56170 92371 40884 70677 29479 65949 52027  
83198 78746 58776 14531 17169 03791 99708 96485 07050 22017  
76237 12663 88307 93728 79794 44803 67565 16675 97248 92853  
47555 94527 72033 74346 92782 08971 83339 14124 46855 50088  
16815 91564 37407 84739 25199 37530 29563 67618 02341 98199  
13867 24667 19036 07993 39628 63540 94110 38751 29613 90818  
99203 17389 37020 40633 20670 29182 30679 44413 27061 48886  
19410 96432 15599 66883 51481 94841 36095 02528 50100 62880  
15754 21887 70877 79945 33282 02069 92203 77222 15762 09318  
74469 77538 56709 83063 49074 84156 78763 43116 23158 48176  
89441 62198 10987 69232 03401 70990 27947 09188 29637 87882  
08064 23499 47064 90629 30999 39942 16914 72077 69458 39400  
05382 47167 92941 18373 14971 03390 88784 37929 47962 11891  
86417 88755 50450 41403 95791 27022 10387 42201 95893 60725  
08059 92262 34301 91209 42452 22824 23713 39555 81931 65515  
46381 12512 12664 88272 02401 87677 83251 12195 62777 22591  
68975 26558 13220 17456 04117 44152 99594 86145 55780 64147  
10973 15212 37655 34651 61222 15562 87159 32179 55060 96497  
54395 00194 49521 16811 76366 13921 46780 92615 34880 63615  
79245 66598 21577 73481 72888 68396 58535 98414 99725 20761  
47872 65771 55400 71221 48787 54341 22800 53916 05489 27715  
07646 11294 74431 64233 56992 30361 24310 50710 96574 73165  
07246 32102 47940 06218 24601 34338 11309 58508 35860 02467  
25080 62838 84011 21329 37951 60136 35875 10941 54568 71445  
60808 13766 40638 67282 96225 16071 98468 89036 73374 70552  
48842 02120 01802 12420 80179 85529 35948 86119 50930 87534  
72311 24901 56113 02161 50613 50388 93966 46154 57403 84369  
93623 41136 55547 89977 89766 30612 88028 84453 55189 86528  
29507 90672 27204 85078 84062 19642 88841 56424 52576 01127  
90763 38033 18169 04621 24845 86322 23153 17829 85346 26284  
35917 74858 78626 43786 31196 51309 67323 50245 32152 68440  
59953 74337 87713 73607 81843 60459 83607 89158 88366 78606  
10509 46975 06384 75370 37776 50843 14857 20732 66169 33844  
00557 30348 58026 02952 49798 68006 68309 88030 62164 57957  
24970 37405 97123 61778 32065 27205 89505 99489 94074 76668  
94757 19596 84832 86591 49925 47729 09539 43096 61293 68609  
33264 53938 54622 20980 74402 09508 48925 10221 86504 85726  
39707 68336 76919 31032 02627 15976 35693 04627 53499 06210  
73167 58187 25581 54719 89694 78214 50087 86102 25925 31221  
50859 50988 67099 78931 89135 93626 99779 55695 19353 74664  
44461 25292 41930 78780 12500 59319 63949 61870 60792 04348  
03694 17474 42652 30039 99965 67119 78305 75398 12133 04297  
93465 35373 21826 46712 99401 54952 72245 76547 12953 22996  
05992 73385 39919 82935 87377 69503 70273 02576 20142 82213  
58620 70154 96522 02945 88354 08862 38602 47752 42937 27008  
17883 98929 32754 46016 64023 92439 50960 73444 98667 30814

56782 13204 55314 26246 09684 30178 71152 03530 02865 11426  
61817 17568 69497 91145 14983 65103 60165 31607 63743 95382  
14927 77218 25726 49433 78445 23931 18846 82640 31626 71163  
89679 50312 38188 48426 15354 60917 29622 33854 64924 26697  
76961 06803 31152 66311 22806 01734 68630 39239 72037 55537  
99206 16592 64671 65520 70609 18052 79258 00209 79250 69598  
40312 30176 93118 61736 28155 71083 35709 12888 14663 56108  
16923 67655 73312 79956 21881 84632 36989 81641 93587 93454  
06615 57535 20901 39280 52627 20090 53466 87676 55561 05068  
57517 41949 87919 26421 35029 47979 34156 56680 74995 57447  
61245 48577 05302 05957 03035 25516 88841 12340 50539 01829  
68550 22600 65392 18762 91059 46916 58622 07112 63645 63153  
01947 12464 24172 85311 63784 43965 28705 20358 87146 32572  
86493 61872 51622 09705 96996 93944 86630 42252 68654 03771  
28124 84858 24081 26372 35944 35438 21373 69879 14005 04842  
46216 94824 00497 36633 54482 45878 20296 37888 70001 59451  
16772 06972 67198 95630 05175 69230 93278 67856 14791 56518  
09651 68796 12057 91527 57279 15847 21821 62823 75647 64699  
88929 01550 30023 64417 47340 95729 26707 52444 88935 03101  
20966 13000 49241 48424 47323 47286 52213 16204 26900 28951  
81302 74747 31496 43243 68977 92526 09100 33295 21889 32743  
00503 01971 23862 37067 01724 42718 83919 34466 51918 97869  
21499 36074 51459 67808 06076 02034 39891 19462 93359 91237  
88423 67547 25264 29935 86669 27002 85836 60109 28310 60054  
30324 53583 25369 66348 29582 02787 05789 89579 96991 24119  
74000 39075 90093 34844 39156 49743 04109 89466 40741 28846  
99549 86508 26226 63027 31088 81639 60460 84025 69895 68091  
71488 16522 36616 10293 62489 56550 87178 41667 44502 53915  
18623 62529 69649 97044 87136 99007 69540 23733 55486 08954  
22000

**18175/16213/14438 kHz, 26-11, 0600/0610/0620 UTC**

File 44423 (1568 bytes) in F06a format

**18175/16213/14438 kHz, 27-11, 0600/0610/0620 UTC**

11100 80050 45632 26069 00049 00000 00000 00000 00000

**18175/16213/14438 kHz, 30-11, 0600/0610/0620 UTC**

11100 80050 63289 28024 03029  
11066 75454 28024 08574 47717 89782 78738 76171 49080 79770  
76102 57816 20018 90908 28398 74103 34385 21839 50690 84606  
86313 99546 34518 05107 20116 47613 82927 51484 93483 20980  
78012 46203 53679 05644 73176 48338 31403 06740 27274 93069  
82020 73438 22852 51588 28846 34094 35639 47350 88154 40087  
47513 89612 80633 41793 20098 10202 58932 45122 71197 14428  
06029 22059 21253 82107 84068 73641 02003 79619 38392 68828  
44535 68927 86414 07671 88929 24521 46070 82247 82660 94200  
83479 33784 59963 64645 84553 29409 19342 17706 80206 06969  
41410 88360 79869 61350 14252 60262 92994 70745 58485 59825  
43232 86290 69229 34785 04974 33530 17145 28163 16942 99125  
75747 83588 52524 01259 67177 42894 51530 67168 43617 21944  
43056 66247 46534 75615 14163 72144 10952 87882 04029 52313  
06919 47930 28286 08431 35379 98248 63222 16141 20622 65628  
44524 37548 66499 11009 60267 04901 68606 59113 42829 98905  
99598 93800 89413 70112 09847 30085 65879 76791 10609 98742  
73554 37767 31910 04468 83726 23615 72316 43486 69499 34690  
82793 91590 89694 39398 51828 98519 04500 71162 84014 49618  
27531 07520 89278 80726 44022 79782 24940 57225 49801 86705  
57790 53184 90768 10590 38378 91534 07538 59273 04689 31227  
14953 82427 57409 12290 71142 35620 73958 94742 15824 90558  
53476 52287 82528 14970 09958 06731 14437 70539 55717 14058  
38524 02362 42377 38109 77680 18330 51555 72791 05521 81895  
52453 98763 73546 66664 68527 85524 65367 46221 20426 74859

57655 17668 37380 06562 92523 82279 54251 72388 91028 31725  
36396 09161 62455 13300 99562 66979 89112 72593 16986 13460  
91284 97038 30882 59951 02055 08775 10523 20659 06685 80270  
24079 40616 26222 71130 16427 53445 50036 09534 10086 54835  
46976 66746 71503 02682 09816 98120 09851 79824 12699 49054  
00527 80325 86252 49317 50557 05208 40065 44198 48078 78616  
24300 00000

11100 80050 35487 28025 03029  
02160 68419 57044 08191 36114 21937 33498 85475 51023 06010  
36922 95153 48422 69195 89577 20868 83216 44502 23859 36382  
58189 90639 32312 74425 61953 50557 04081 27657 67559 13209  
77459 30212 33925 89471 63257 93232 77293 38167 18640 92856  
04890 03114 76153 34077 27979 47155 57610 38917 96501 94097  
27524 32366 22486 14495 65787 24498 84403 16218 64266 12225  
29685 25746 77019 49117 17558 71123 78812 56722 69404 02507  
11614 75827 18834 11253 23783 81107 78640 33475 31604 07578  
66847 49013 57884 62308 59021 11747 27279 19832 59040 72203  
23055 24670 05514 78374 34954 49439 56021 65704 52867 81947  
16389 72170 85992 39747 07151 39400 12172 35550 84429 85760  
87085 41973 57375 62359 68001 29030 69392 27891 31766 72817  
35314 03270 91712 58827 51721 91983 43191 28331 22597 77110  
92391 41261 67501 30935 48160 54037 04448 98088 81494 35772  
24678 38179 82390 71292 01521 38814 68753 24413 00514 34986  
27039 59907 82988 95730 89320 47595 20298 64018 76476 97013  
60874 60797 62168 96075 17311 89139 37314 52181 65642 99416  
79735 59201 74033 01460 58670 38783 03031 34613 28829 29403  
44606 31651 93700 21616 92137 37466 42770 62934 58545 68493  
92366 80766 84757 23785 84793 96866 05697 83685 25462 31725  
65969 57044 62694 22331 02453 62896 39887 01758 35967 57558  
74730 14006 39209 43069 45166 62522 73151 17916 86765 15867  
09080 55980 31228 18933 78463 24654 40674 83173 17853 78038  
17428 54278 00971 86192 93981 80713 75207 86342 32815 31592  
44700 67011 90770 37292 67170 20988 27664 51266 56730 28083  
63824 56479 09827 53616 16244 64918 96520 73547 68029 83597  
84284 62224 50843 45512 86504 03646 45019 28967 52882 12217  
27042 13722 43916 73898 19076 47394 56651 43713 20235 20549  
93886 60535 24276 73919 94027 65099 53407 86192 63771 32174  
62894 15802 80809 52832 96157 95161 58739 27753 95044 00771  
25300 00000

Link 80214

**11162/9915/8187 kHz, 12-11, 1310/1330/1350 UTC**

11166 80214 25837 12011 00049 00000 00000 00000 00000

**11162/9915/8187 kHz, 19-11, 1310/1330/1350 UTC**

11166 80214 75643 19045 00049 00000 00000 00000 00000

**11162/9915/8187 kHz, 26-11, 1310/1330/1350 UTC**

11166 80214 54139 26071 00049 00000 00000 00000 00000

**F06a – FSK 200/1000**

20875/17511/15747 kHz, 01-11, 1500/1515/1530 UTC	File 04440 (912 bytes)
20937/18644/16241 kHz, 07-11/08-11, 1500/1515/1530 UTC	File 04441 (1120 bytes)
20937/18644/16241 kHz, 14-11/15-11, 1500/1515/1530 UTC	File 04442 (1152 bytes)
20937/18644/16241 kHz, 21-11/22-11, 1500/1515/1530 UTC	File 04443 (1024 bytes)
20937/18644/16241 kHz, 28-11/29-11, 1500/1515/1530 UTC	File 04444 (1088 bytes)

5116/4814/3727 kHz, 05-11/06-11, 0500/0515/0530 UTC	File 04447 (992 bytes)
5116/4814/3727 kHz, 12-11/13-11, 0500/0515/0530 UTC	File 04448 (1424 bytes)
5116/4814/3727 kHz, 19-11/20-11, 0500/0515/0530 UTC	File 04449 (912 bytes)

5116/4814/3727 kHz, 26-11/27-11, 0500/0515/0530 UTC

File 04450 (1488 bytes)

18175/16213/14438 kHz, 19-11, 0600/0610/0620 UTC

File: ?4408 sent on link 80050

18175/16213/14438 kHz, 26-11, 0600/0610/0620 UTC

File File 44423 (1568 bytes) sent on link 80050

13953/12271/9934 kHz, 19-11, 0700/0710/0720 UTC

File 44402 sent on link 00000

11122/9432/7685 kHz, 19-11, 1200/1210/1220 UTC

File 44402 sent on link 00000

Header: 44400 00000 00000 18002 00009 encrypted message.

## X06 - Mazielka

### X06 logs

13524 kHz, 03-11, 0753 UTC	MFA Moscow clg 125643: Russian embassy Ulaanbaatar
13401 kHz, 03-11, 0969 UTC	MFA Moscow clg 154263: Russian embassy Rome
16188 kHz, 03-11, 1145 UTC	MFA Moscow clg 325614: Russian embassy Nairobi
13547 kHz, 06-11, 1022 UTC	MFA Moscow clg 625413: Russian embassy Tel Aviv
16317 kHz, 10-11, 1004 UTC	MFA Moscow clg 612534: Russian embassy Ashgabat
17470 kHz, 10-11, 1014 UTC	MFA Moscow clg 216354: Russian embassy Chennai
18177 kHz, 11-11, 0801 UTC	MFA Moscow clg 164253: Russian embassy Addis Ababa
14462 kHz, 11-11, 0857 UTC	MFA Moscow clg 165423: Russian embassy Brussels
13505 kHz, 12-11, 0944 UTC	MFA Moscow clg 164532: Russian embassy Dublin
14560 kHz, 12-11, 0954 UTC	MFA Moscow clg 621543: Russian embassy Lisbon
12167 kHz, 12-11, 1001 UTC	MFA Moscow clg 621543: Russian embassy Lisbon
15878 kHz, 12-11, 1012 UTC	MFA Moscow clg 621543: Russian embassy Lisbon
8068 kHz, 16-11, 0830 UTC	MFA Moscow clg 263514: Unid Russian embassy
12152 kHz, 16-11, 0836 UTC	MFA Moscow clg 432516: Russian embassy Bern
11158 kHz, 16-11, 0801 UTC	MFA Moscow clg 263514: unknown embassy
12152 kHz, 16-11, 0841 UTC	MFA Moscow clg 432516: Russian embassy Bern
9160 kHz, 16-11, 0908 UTC	MFA Moscow (copied only the end)
18177 kHz, 17-11, 0754 UTC	MFA Moscow clg 164253: Russian embassy Addis Ababa
7616 kHz, 18-11, 1907 UTC	MFA Moscow clg 231654: Russian embassy Abuja
10653 kHz, 20-11, 1046 UTC	MFA Moscow clg 625413: Russian embassy Tel Aviv
8138 kHz, 20-11, 1525 UTC	MFA Moscow clg 625413: Russian embassy Tel Aviv
10814 kHz, 25-11, 0842 UTC	MFA Moscow clg 412356: Russian embassy Budapest
10172 kHz, 25-11, 0905 UTC	MFA Moscow clg 465132: Russian embassy Sofia
12133 kHz, 27-11, 1207 UTC	MFA Moscow clg 153624: Russian embassy Damascus



Sequence 153624 Russian embassy Damascus

### X06b logs

12168 kHz, 11-11, 1115 UTC	111666 before XPA2
12168 kHz, 11-11, 1126 UTC	111666 before XPA2
13393 kHz, 12-11, 1010 UTC	111666 before XPA2
11574 kHz, 12-11, 1338 UTC	111666 before E07
13894 kHz, 14-11, 0951 UTC	111666 before XPB1
14349 kHz, 16-11, 0700 UTC	i.p. 116666 at 0744z changed to 3333
14350 kHz, 16-11, 0718 UTC	116666 changed to 333 at 0744z
14350 kHz, 16-11, 1133 UTC	111666 changed at 1200z to 14349 khz and sequence 666
8138 kHz, 20-11, 1529 UTC	111666 before E07a
9840 kHz, 24-11, 0958 UTC	111666
8580 kHz, 24-11, 1030 UTC	111666
7680 kHz, 24-11, 1035 UTC	111666
7850 kHz, 24-11, 1039 UTC	111666
8670 kHz, 24-11, 1053 UTC	111666
10540 kHz, 24-11, 1234 UTC	i.p. 111666
8123 kHz, 26-11, 1458 UTC	166111 before XPA2 also at 1459z

## XPA1

### 13978/14859/15871 kHz, 03-11/05-11/10-11/12-11, 0810/0830/0850 UTC

587 587 587 1 587 587 587 1 587 587 587 1  
08616 00088 97480 33987 26352 44887 83158 31637 92040 26475  
17882 18563 64113 16353 00926 81318 55852 81848 71900 32261  
31239 58447 69398 51734 44498 07966 78312 14526 73703 55542  
15257 79637 14291 66349 97694 46267 68235 15161 17422 65570  
19715 99610 64861 54771 90536 72921 96767 33295 82695 83701  
91805 47057 94386 22916 26666 82528 07933 16969 28012 23515  
57634 50459 95425 43963 69057 40425 41125 55069 67469 20746  
70832 59303 71747 83561 35986 82449 01878 24163 39493 92712  
40416 87215 16818 68232 26190 08982 29572 21545 98550 22786  
45576

### 13875/13375/10875 kHz, 04-11/06-11/11-11, 1310/1330/1350 UTC

838 838 838 1 838 838 838 1  
00358 00103 16343 83860 51640 21570 06290 88375 34969 00521  
52049 76176 52494 44154 04172 86415 09935 79164 56561 92425  
88347 94664 79891 27202 77365 84118 03746 63934 98164 35727  
86920 12125 29109 49775 54569 63159 25190 27266 13917 11791  
70897 46384 39982 49647 02121 44169 94287 10464 57475 84044  
64089 43125 15924 13308 90144 07631 98927 05052 63040 99568  
99671 60655 90127 05211 21573 05110 02646 61029 15548 25451  
05925 17846 80838 12693 84875 74082 49029 82728 55213 83530  
50622 72787 50210 40838 47078 54003 99853 15454 07062 22057  
38448 06791 91887 48640 87316 38887 05453 05012 01880 30038  
14469 69521 37654 83135 55135 02705

### 13978/14859/15871 kHz, 17-11, 0810/0830/0850 UTC

587 587 587 000 04263 00001 00000 33662

### 13875/13375/10875 kHz, 18-11/20-11/25-11/27-11, 1310/1330/1350 UTC

838 838 838 1 838 838 838 1 838 838 838 1  
06119 00030 35287 16236 72991 81005 41034 46526 21648 69748  
15910 11163 45895 37301 87404 26615 92106 90739 27574 41412  
95562 60229 31870 47735 93915 41458 54519 88784 45612 42121  
81192 66814 56151



### 13978/14859/15871 kHz, 19-11, 0810/0830/0850 UTC

587 587 587 000  
01333 00001 00000 34254

### 8189/7952/7622/6901/6783/5834 kHz, 23-11, 1310/1320/1330/1340/1350/1400 UTC. Exercise

1 1 1 1 1 1 1 1  
00693 00275 25434 91552 44222 52319 50925 39857 63280 22171  
36776 61596 67238 16170 92086 02319 30595 93169 24980 91808  
60472 15816 38393 61288 84587 52287 83223 26874 45095 41053  
78020 14597 83937 95060 03544 24523 42759 93021 80805 15626  
80343 43677 79353 55447 64842 04483 67365 38225 67243 86270  
51249 32922 99740 95709 73181 82313 32688 55861 19996 69834  
39282 19431 18798 62965 47097 73214 93060 40856 51450 31009  
49270 58305 77291 78094 63490 22584 53119 91264 57899 78532  
50153 05277 23459 35192 65449 95402 37269 42688 48491 23205  
27516 96663 51244 51764 19208 70437 62440 51000 76943 36045  
05654 35538 81297 36748 40667 49774 00976 06806 06711 53079  
69561 09089 47788 72526 67687 72541 18078 14356 16002 39934  
37803 82783 74668 66997 38964 07554 83107 39940 87419 70326  
69960 57252 16134 32595 67498 63877 03398 93592 57318 15165

54460 94074 19582 83255 07670 83307 02112 68798 43740 52590  
82514 87661 51993 88366 95261 79265 68309 87974 82173 23801  
68831 29897 85005 78905 18627 74538 31248 79086 88095 31015  
44740 72654 84504 73518 78047 38664 53374 83741 42448 32957  
06837 63276 96919 41765 45104 53664 18093 95908 41072 72253  
15303 44882 27635 05079 91770 24387 21132 64069 46175 74721  
12453 07590 91019 16309 55485 20923 77065 96692 88159 36984  
11636 68691 98352 20359 59481 63892 50182 60709 19672 95637  
23388 17729 20775 87526 12368 53651 17429 27391 83516 12924  
29375 00792 81207 45572 14617 86296 33319 24769 29363 61541  
67293 72297 37739 47014 08870 11071 71770 61481 91785 42968  
80491 78491 62480 29923 33294 80025 81382 67862 76465 77883  
42625 48442 67233 49563 51305 68547 12281 64037 82335 94130  
81247 39679 63071 45326 98285 38945 17138 11436

**13978/14859/15871 kHz, 19-11, 0810/0830/0850 UTC**

587 587 587 000

09768 00001 00000 40667

**9064/8152/7904 kHz, 25-11, 1110/1120/1130 UTC**

1 1 1 1 1 1 1 1

00820 00275 70041 40597 42703 57019 92959 68264 21178 45691  
57733 91746 05903 50555 67944 20018 00104 24629 41804 72033  
49135 77390 81555 03960 03260 59996 00683 08746 51710 25254  
32432 07430 88320 85614 16495 96157 96352 75363 33348 67411  
79002 78473 45950 14802 22081 72918 21030 05335 91528 84836  
19488 58185 48281 24550 50453 16793 24657 27244 13470 08616  
39220 04957 81252 02718 52009 26752 30539 32346 88676 91859  
80430 08138 47433 75869 88359 76240 07153 25229 40061 14348  
33261 97833 46638 75890 23564 78648 32856 64534 56884 74783  
65436 07614 10450 27161 30455 54626 30801 77586 98392 52282  
02060 50971 50341 01333 42202 46529 22896 00295 68760 84882  
38958 79016 95778 32470 08476 55594 07605 43319 09836 11987  
50171 54192 24095 19624 09280 00014 45718 96980 01397 69874  
24737 67270 43948 66815 59714 85313 12262 98342 23186 62901  
90719 26699 03139 10218 72483 18947 55203 05170 22342 82884  
59823 66987 47123 41198 69406 59954 99092 67067 45206 50107  
71808 54767 76338 46207 60424 06440 57976 70016 10489 72911  
87131 76657 89252 97560 36035 56626 87222 76569 14447 28869  
07218 16775 00389 17925 21869 91653 77926 05140 09718 10656  
58507 88528 00147 30028 55514 34778 95198 91857 19960 07235  
09360 92463 41748 48267 11446 66814 51327 91588 67223 01576  
25664 84904 34227 38568 23371 38206 40141 04778 52445 24040  
26883 81840 02839 22806 81873 08928 98704 81213 96268 33142  
96071 77153 01551 14890 09777 28190 67508 28093 10772 70647  
85131 09298 25146 26569 24969 02940 22721 16188 35001 59300  
04954 46441 79896 98925 65776 74854 18839 82277 51661 36041  
79053 56187 07800 91407 75140 48062 03447 17304 10307 82661  
21063 17558 66556 62429 17465 62171 22450 36465

**13978/14859/15871 kHz, 26-11, 0810/0830/0850 UTC**

587 587 587 000

06317 00001 00000 36257

**XPA2**

**14783/13883/12183 kHz, 01-11, 1200/1220/1240 UTC**

00434 00206 05077 64662 68969 24517 56453 53580 82888 85561  
15908 75463 59362 83986 24988 75662 34462 47461 14389 39723  
73529 84535 26711 01254 79416 71035 44691 86656 21665 33523  
17677 05814 28105 16735 37267 88536 48467 57563 91538 48390  
47570 80400 16283 15923 02731 95467 53740 90175 81601 36192

53224 76317 75339 16599 74255 83138 67849 60298 81224 75419  
99323 36784 52224 09946 72505 40234 54931 17779 84209 66008  
47694 81212 54006 42117 84774 88819 62269 18162 46416 90474  
89324 98453 08843 45919 07106 71186 30119 63548 03053 22214  
29474 79594 18528 08419 38464 38771 53035 23468 17341 12096  
96112 41078 69957 62818 42373 53964 53127 46344 90851 18970  
11926 54558 94664 79510 42112 59201 78899 25318 46037 19863  
24074 80664 93760 62820 74463 61084 89910 27166 53325 30103  
29504 40777 34514 38000 97173 10116 67314 22362 02002 45677  
83133 78115 06761 88257 74467 48632 00909 56863 68439 97434  
08759 20401 89746 71630 35513 86269 15443 40878 87531 85131  
33124 74246 91762 30193 73032 95660 54480 72232 35486 55549  
83026 53473 62995 71957 68100 99528 89898 66921 45854 70054  
34295 45841 52296 84645 24534 15932 07777 40121 62546 15574  
34056 77510 57371 59792 17014 78174 60303 90702 72878 97376  
45778 72979 88217 95559 02933 57539 72840 66821 00464

**11529/13429/13929 kHz, 02-11, 0800/0820/0840 UTC**

03385 00001 00000 35263

**17413/15852/13363 kHz, 02-11/04-11/09-11/11-11, 0910/0930/0950 UTC**

00417 00055 63031 33983 64967 11387 17378 30808 00488 70010  
48270 71502 27902 71390 78113 12069 01713 59803 01384 10174  
15732 93721 24641 50165 68018 18805 20053 34099 13810 48688  
52449 29525 52573 91644 26841 84326 88165 01617 84591 13754  
03664 72397 14335 70333 29231 03128 89744 36420 43714 36265  
20962 20572 70320 44877 15257 41989 52963 05440

**8126/6826/5326 kHz, 02-11, 1600/1620/1640 UTC**

05759 00001 00000 41262

**10653/9353/8153 kHz, 03-11/06-11/10-11/12-11, 1100/1120/1140 UTC**

09442 00117 65288 87520 98431 98597 58821 22044 59152 03300  
11310 43714 65044 11603 68847 39186 58471 88141 02888 50344  
63540 77470 65886 74709 78809 06066 63704 79613 92671 05750  
09041 91461 22367 80854 96280 78880 53169 59024 24807 50417  
37340 16868 09918 05077 20400 76960 60629 53736 89574 57016  
57830 83606 67994 22448 82898 64718 81209 00197 98876 67676  
94295 71839 25867 50799 15320 91334 88469 15798 30123 47424  
45788 93814 72187 84715 84131 41047 97091 07434 55249 88440  
97596 71493 44731 46039 82931 84166 64093 44085 55128 54230  
72234 65230 50354 43781 04821 81385 07961 54487 62302 55017  
44908 49608 27651 60879 13362 04049 44814 12965 66635 83877  
20772 25688 04200 10735 82774 32368 36139 25517 26534 43505'

**14783/13883/12183 kHz, 03-11/08-11, 1200/1220/1240 UTC**

00402 00212 49331 44752 06705 09154 97471 63980 82979 61922  
12429 34599 11895 26405 16511 38016 19124 48991 85705 85930  
67821 31639 19419 13944 50195 68259 27557 87746 17836 07424  
66012 06845 11340 99547 83633 91704 44186 03106 94671 87983  
43268 34877 89944 28147 04789 81833 53281 16906 03565 91563  
85429 78230 91597 54437 85752 59422 67130 24491 31042 96005  
65184 12269 37310 28443 38840 92151 31257 33152 63488 57651  
13539 49929 25975 42064 14569 37460 51090 87498 17367 75731  
58517 06483 24594 76054 92075 24498 69375 60979 40520 69866  
99448 85989 25546 21201 87351 06426 46706 89014 24890 42842  
90993 88672 11152 80890 21615 08394 12803 68197 96267 12220  
79707 61151 18366 70929 50873 23313 79635 04105 25621 06180  
09800 81859 57159 53190 54617 11543 96230 45507 30350 96895  
86800 02767 33468 09054 52404 74690 46649 46923 94871 74342  
83579 93100 93981 23406 90386 33553 36699 13736 52865 19375  
05926 29883 72524 24450 12575 24306 12698 35200 68708 46928  
67656 34122 73109 50993 33211 42628 67036 02686 40791 12716

30929 73452 85437 00039 61661 87926 85743 12778 06306 57893  
19146 79781 01041 10133 59041 94549 97927 52651 68643 22333  
26034 41349 07627 36809 88451 86066 62931 21248 96471 75148  
27944 99611 10966 69204 64161 98747 15634 26520 58473 15636  
19690 99721 38290 84531 16045

**10223/9223/8123 kHz, 03-11/05-11, 1600/1620/1640 UTC**

05538 00271 79937 20044 61188 18644 33822 61548 90462 05484  
85612 03104 44246 18051 08661 67477 92324 22441 41623 27698  
91824 65409 47122 41045 79951 18481 74338 45850 17210 61139  
14841 85867 82145 14359 12206 44284 38428 15863 30330 58808  
34955 72724 86260 01340 56353 23876 42214 81097 90263 18970  
77193 14536 88508 63873 53858 88784 98639 40277 12045 04759  
07029 48463 12650 41641 61655 54045 17173 06625 81155 52685  
03887 61912 42423 56991 17406 38293 49998 06243 76505 32411  
14342 31995 93921 50423 02071 44792 77268 32368 16581 88391  
45409 74304 19916 40708 72636 42493 21472 54242 96279 51102  
11542 01664 24388 76990 24720 06943 02405 97521 40192 65957  
94242 52254 24970 08814 62714 52973 09952 69584 40040 47040  
51072 59295 47203 76596 57967 90795 99292 11143 51715 25047  
15624 84917 37322 11712 63293 27690 41362 06312 83150 05475  
80657 24181 45198 34976 93192 61072 76004 12153 78419 91091  
01884 47720 82390 87755 25604 80030 06849 98867 11566 11292  
99451 07649 04525 95221 12540 90141 00649 12095 11060 68353  
13565 94221 77359 25475 01042 16667 28277 67096 44162 88635  
85157 73096 42445 69913 08762 45608 78849 66183 04215 08577  
48730 11635 31397 18468 86743 49956 32608 33914 30504 24933  
44269 95233 03179 36345 69815 14143 01231 50202 04375 56661  
35208 67888 15050 57699 67783 79475 08972 95449 29932 59625  
84252 62486 54898 47857 14501 92735 25566 50128 99060 96167  
77836 70550 97858 64772 96620 24781 73657 69963 30082 06963  
59890 09641 45872 29589 79465 86301 83724 06955 81975 45390  
29531 82470 88433 33863 56494 40829 40733 39676 40483 60615  
29898 01603 04055 60850 03468 68931 08882 80999 38124 48655  
49438 63434 93304 70050

**11529/13429/13929 kHz, 04-11, 0800/0820/0840 UTC**

01698 00001 00000 40262

**13393/12193/11093 kHz, 04-11, 1100/1120/1140 UTC**

09318 00001 00000 36662

**10968 kHz, 04-11, 1200 UTC. Stopped after 10 secs**

**10968/12168/13368 kHz, 04-11/06-11, 1200/1220/1240 UTC**

00325 00222 71745 01133 74616 60244 04290 64953 87108 88877  
32583 34564 20282 08832 65153 93201 96235 01334 50216 11998  
72980 14216 50280 30691 47958 60981 80544 82733 74825 55520  
88244 38839 99203 65452 57745 57812 44284 03147 48520 60011  
84978 80393 09014 88180 30201 43243 54259 33093 47013 52151  
25101 01270 79416 83865 81295 59810 99308 26556 91594 45322  
20194 51965 45422 82949 75481 78813 68875 04515 52401 80284  
26151 66271 16629 38109 89514 54726 35372 96774 79153 89936  
22406 92216 53349 29334 86859 89457 73854 35900 32943 85436  
65854 50204 41826 16880 47613 89112 44527 04447 88553 61396  
97360 65524 10418 00354 47144 28967 29734 15206 87653 19240  
52401 64202 95499 62954 54687 28243 90756 87785 87007 70476  
05885 25470 32209 88529 02056 48775 87220 55907 46639 72943  
70188 74213 58497 05875 12966 04012 98044 40761 49756 39321  
77198 63051 59093 52858 30163 11771 44895 56521 72656 86446  
88555 34773 81467 57940 48471 16143 27644 38327 37680 81558  
03331 53914 44940 01296 29829 61534 28775 41636 29203 38772  
58122 96075 85171 94840 32915 13920 14595 26984 77823 95964  
63014 11106 26184 40630 62021 02631 60151 03347 15238 45757



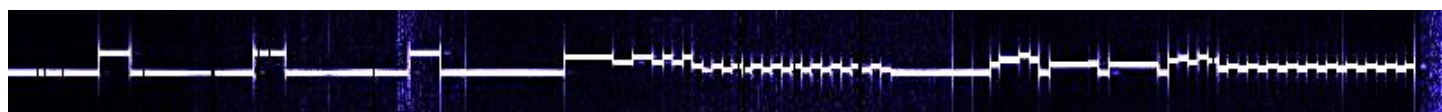
30474 47415 56530 18436 36474 03033 86026 15244 96628 25516  
21620 28823 05207 82572 16883 71999 49321 54827 34329 02175  
63168 87465 43208 82569 83110 73187 85945 95500 42742 44635  
64049 54332 11733 16099 72422

**15985/14885/13885 kHz, 05-11/07-11, 0910/0930/0950 UTC**

05632 00089 92193 17888 59975 00753 48064 45437 21334 95204  
91396 57028 77240 29324 46708 02484 09323 40484 07011 91596  
32265 17968 20490 75857 30985 28633 09673 40253 71854 60340  
94856 89891 48372 16268 54999 11392 12681 51149 99253 44763  
49536 03272 29431 59982 49190 43026 61668 85733 87590 00365  
39559 29855 92055 33137 78529 33103 91238 20877 27879 83330  
35128 91797 34722 43463 83319 84073 81468 43839 61904 44635  
95548 87318 09116 70432 25255 88938 24709 60584 79463 44190  
93879 58832 97919 91597 80552 02324 05939 80104 06073 42343  
93852 01324

**13393/12193/11093 kHz, 05-11, 1100/1120/1140 UTC**

05080 00001 00000 31265



*XPA2 null message*

**8126/6826/5326 kHz, 07-11, 1600/1620/1640 UTC**

07172 00001 00000 32666

**11529/13429/13929 kHz, 09-11, 0800/0820/0840 UTC**

02964 00001 00000 37660

**8126/6826/5326 kHz, 09-11/14-11, 1600/1620/1640 UTC**

06522 00253 15178 62637 88408 01643 67129 64196 43449 76229  
66010 19246 64924 58792 09246 72813 11983 41505 31543 67393  
79794 75958 65535 67129 39314 12152 77016 66652 11753 69037  
34133 99892 81042 84340 26159 73695 76753 09484 26879 95707  
61038 85825 29218 99005 53058 76788 18235 01353 85250 25364  
88775 03840 09634 70702 45613 50206 63589 37834 29918 40991  
90555 08216 48150 79177 93083 13007 72348 14878 90261 92619  
82197 32030 95818 73350 32122 69749 57301 82207 98560 20680  
47187 87696 81115 84867 95574 05366 28163 01393 83999 59444  
56840 92241 03969 48510 78166 35005 58762 24922 39004 63152  
34204 10353 72184 77914 87139 05634 64752 77448 06948 91040  
91042 78223 54764 22493 06066 90731 45439 98316 89173 44371  
86222 55700 15592 95293 20643 78717 37839 08215 09010 92182  
43830 10081 04360 76088 03959 41495 47622 43738 05556 35462  
51623 62633 94702 45018 03398 28696 86957 28019 75165 16178  
89685 89729 77184 89657 29715 06947 05158 15303 40763 62418  
37846 48817 84134 52332 01309 89800 32388 19375 93693 94976  
21859 80222 11796 50502 01431 05224 28019 87547 06290 10175  
40837 61036 06634 41087 41447 50777 15932 51091 81076 06029  
20703 69928 62016 79969 37407 10478 91779 85035 21164 11300  
68608 96293 74284 95127 55817 51434 93922 14906 54588 33953  
21529 87403 35179 89527 52989 05599 23363 65544 48202 19971  
83848 57480 38995 78605 48343 41565 07297 79921 04681 42807  
72590 02122 38999 87074 07717 92951 33410 78183 20842 62431  
51591 69807 12570 42380 50524 39553 64312 08066 17085 38785  
42218 39420 93928 47255 48135 47434

**14783/13883/12183 kHz, 10-11/15-11, 1200/1220/1240 UTC**

00384 00242 98405 55209 82605 27017 27596 87396 07793 64517  
23832 62474 50708 07395 94919 16991 99526 80431 78004 82593  
84453 98468 94876 88445 61360 48857 08251 41919 48154 71795  
29239 67176 85141 86423 49836 71156 75414 57466 65067 45504  
23798 83760 38737 23680 13000 87693 20731 00316 70361 86480  
94870 97202 44268 44414 41692 98292 27173 72615 03433 91830  
92631 71885 92351 53177 31216 10071 08692 44209 28783 68236  
04541 79792 50306 28924 35906 16703 39491 36253 28678 25269  
12633 78295 06964 73640 37539 78974 91090 74031 66564 72765  
59912 98805 34335 89777 06236 64440 43650 76982 02315 23510  
41417 18307 09386 33664 03873 94236 31679 86202 67569 45986  
78317 87192 68600 07708 46465 93224 73556 40654 09179 52536  
36085 07677 64132 95724 08895 40403 85339 36027 41757 71636  
82261 53622 02131 31339 46654 32113 78099 23529 29949 56821  
63646 40337 47488 26637 21656 26486 17239 46077 16618 79696  
98257 85591 60740 57116 86531 25296 87772 60302 04055 04399  
59667 83114 55596 32279 30519 18650 38861 08000 47096 13385  
82488 08268 59433 44590 15109 85944 22776 84442 28680 80504  
91839 53977 65492 64441 95387 72498 68574 73799 70422 13649  
07026 28858 77726 66044 66927 43759 59591 10294 31331 73366  
88462 44266 75561 15792 88665 44352 55521 77826 08880 00942  
11111 83636 44140 49815 77713 83390 77330 99446 99359 19811  
61999 50577 24713 73975 15797 24604 74407 55070 77339 03882  
87317 33268 85746 85503 35829 94910 04466 80078 71500 30792  
93744 02386 54931 95611 44430

**10223/9223/8123 kHz, 10-11, 1600/1620/1640 UTC**

05757 00001 00000 40262

**11529/13429/13929 kHz, 11-11, 0800/0820/0840 UTC**

01354 00001 00000 34656

**13393/12193/11093 kHz, 11-11/12-11/18-11/19-11, 1100/1120/1140 UTC**

00430 00089 52343 04798 25640 81470 58090 76413 22172 47306  
46393 71335 45002 65753 16510 15954 27761 96498 10087 33692  
68725 02951 30956 13143 64822 73658 10879 98969 42575 72756  
13487 68416 94912 71128 91382 89230 58384 37533 22201 74814  
66657 65762 49191 93643 61672 76807 16624 21516 63716 62242  
89387 49478 03760 02958 98236 54580 42529 92908 45609 91946  
07049 76880 43315 00112 66626 88154 24516 91425 92043 82721  
51990 84884 70476 67912 73144 05413 63741 40187 94286 59449  
00247 03620 91809 34614 63439 73387 33328 33242 17124 65078  
18913 33321

**10968/12168/13368 kHz, 11-11/13-11, 1200/1220/1240 UTC**

08691 00202 00902 93262 87438 32130 78318 15475 63798 66221  
96381 30759 51418 29907 69231 10207 22590 72562 54088 94346  
98348 49538 07723 85057 81289 31424 47810 38398 02971 63470  
12428 43349 31361 35986 11145 43046 34785 39722 31131 91564  
43082 76965 57039 06345 18951 68216 98971 28530 19833 75790  
80266 94780 98491 94825 04190 57855 31721 55405 58106 09417  
25652 82979 12546 84129 65131 90678 16555 01821 99971 36562  
44873 93628 29039 84166 58835 41463 93255 86831 54272 37552  
89355 97542 56623 98679 73467 00745 34469 62018 50586 20304  
98173 77746 50596 17373 04514 14829 58016 08830 59980 57467  
58674 09421 71658 66588 98055 14703 98468 69425 58108 03239  
97158 63160 44935 96101 23517 87557 04803 49761 02118 31437  
50532 36510 98084 37234 97572 64716 38987 87727 43411 04321  
55635 79516 87992 15101 67251 22835 18914 93261 14130 52108  
08924 92606 00946 02922 38291 59298 69708 40177 28719 31413  
83434 24467 25300 89228 68095 60787 09070 56265 89470 04212  
74184 47947 82022 62907 39289 05125 81849 84998 60131 44242

11431 08325 07531 67707 67715 03850 05091 93050 25996 63977  
12992 68110 08934 06413 23478 64635 27026 75302 96702 48595  
88385 48966 44408 71329 95424 06177 13485 64318 23199 37189  
37946 54141 46612 40338 15141

**15985/14885/13885 kHz, 12-11/14-11, 0910/0930/0950 UTC**

06597 00183 66286 68358 49895 31173 20651 94883 08687 63095  
18914 97958 81467 35942 65590 93704 46399 07421 20879 56509  
91672 12892 15610 95358 12492 04961 24710 94009 98076 78984  
32832 50397 12583 74517 50953 53614 33677 70888 58130 20990  
26264 04429 79500 69409 87041 36990 28430 45694 79051 04835  
37511 10918 27492 90641 43105 32128 33846 33241 58694 46256  
68016 98244 17266 31909 73232 79247 73777 67126 97652 80820  
69710 70085 95657 49908 31531 57353 56508 44923 94081 30652  
23869 49365 58595 12852 76750 72645 80526 14074 83430 68289  
47414 33761 78369 82104 76308 32972 51209 94805 24744 85544  
86372 89541 37372 28347 78780 32377 74370 29397 62435 51598  
78566 41020 02120 74126 10373 59781 86061 26862 33597 13685  
49905 07327 51787 95032 20325 16102 19147 39502 86456 28090  
91561 64861 91144 00677 25748 32596 30346 21623 39793 27448  
59051 06699 40997 14358 27684 93340 45989 46405 01904 33161  
27626 35003 75975 06877 94812 61138 29476 50029 55720 85224  
63024 82946 27291 17072 41316 36734 74624 16178 82211 38869  
67509 45416 77405 63827 91403 27134 38508 27100 45515 02729  
77354 99785 09437 36782 66977 40512

**10223/9223/8123 kHz, 12-11, 1600/1620/1640 UTC**

07148 00001 00000 35663

**14552 kHz, 16-11, 0520 UTC**

09951 00001 00000 36266

**11529/13429/13929 kHz, 16-11/18-11/23-11/25-11, 0800/0820/0840 UTC**

00106 00056 34162 62437 18727 70173 84558 07447 43232 10134  
78080 92588 73663 41689 95056 85061 02291 67423 51261 40742  
37704 72177 93621 91604 67076 54558 50638 60556 51777 80950  
57907 30312 95216 85995 38820 53233 73730 39813 66348 39213  
07447 97621 12631 60666 99981 41774 07253 17272 54719 80466  
74942 79180 00948 97304 71453 67262 48018 52864 37725

**17413/15852/13363 kHz, 16-11/18-11, 0910/0930/0950 UTC**

00451 00125 66651 53673 93857 95031 25364 37618 82915 21934  
09567 54439 15852 42642 36304 57167 14888 71587 56243 76498  
24333 54127 72037 28276 02045 06909 96791 86011 71241 90244  
61124 02135 83734 40874 36124 05727 11969 98687 41463 78235  
93563 85774 00550 09064 77036 75592 59205 89850 96644 02068  
46438 20594 79509 25663 71724 34158 82712 11088 55284 06024  
33598 48123 19514 84444 76106 07049 76471 48517 33868 25197  
16740 82325 88015 84007 98053 13374 03339 08630 69215 11251  
27124 83704 95725 37699 76490 53158 93838 38539 70279 32871  
67135 81697 26604 69735 93193 57724 80771 33882 12147 16981  
94614 39668 86983 41483 77816 25618 76511 64988 86195 35402  
76411 92528 78287 25417 49906 02608 62542 14933 93620 68191  
49432 94675 19630 69358 89753 50618 71625 26513

**8126/6826/5326 kHz, 16-11, 1600/1620/1640 UTC**

03654 00001 00000 36260

**10653/9353/8153 kHz, 17-11/20-11, 1100/1120/1140 UTC**

07601 00065 93565 81356 74146 25914 69400 58555 17214 62068  
14997 04592 76913 60837 90301 12880 44595 36404 45186 43776  
81617 23289 35982 07590 97956 12927 54055 39152 03600 65030  
16533 89118 98370 04596 55550 24146 55923 33934 86455 75265

35826 17937 43316 80539 75508 94266 25425 82208 97918 82542  
33479 25571 43521 26638 24423 67006 05562 03591 55484 25291  
37494 22770 30757 45643 81581 26535 58999 24101

**14783/13883/12183 kHz, 17-11/22-11, 1200/1220/1240 UTC**

00291 00164 55855 86353 99733 53616 60972 36781 50723 87145  
93924 93278 26701 14687 49083 94321 81684 46825 00523 82683  
31160 94175 22346 85422 03366 43450 34298 95967 41306 47133  
38567 13794 47850 87638 34507 60399 05541 59389 11279 52810  
82042 69322 55235 53586 67215 64479 68927 76177 27427 01299  
01254 47524 96370 93944 20794 31995 89489 73830 21537 21640  
44517 32535 12865 19427 16066 16128 76871 95055 11126 15330  
55404 25801 80409 43512 95254 73091 16701 53446 94698 96685  
40254 66320 12173 70786 97143 64031 77327 63490 88237 98508  
95812 11329 18213 46253 50140 24926 74945 20556 26158 95993  
66819 74686 96081 60564 26494 49959 43823 11542 16196 24213  
71686 93866 97581 41442 27391 71532 66947 16617 48798 88354  
35657 56444 01538 54856 93636 08466 16618 37621 24863 24649  
94258 05273 86475 67943 01847 14869 84869 33098 43136 64944  
46702 57123 53829 42449 46516 16256 41628 16070 51979 12057  
42605 09354 09265 48594 96261 82863 19903 28562 57722 03386  
89584 219644 2294 36835 33424 06496 30551

**10223/9223/8123 kHz, 17-11/19-11, 1600/1620/1640 UTC**

08669 00203 05569 53289 58644 49918 96484 63836 42108 48250  
34420 75540 44539 87108 51735 36851 15246 32117 67937 70034  
40355 86791 10197 50358 90794 64390 49571 45870 83030 94054  
12229 71376 55043 61773 87154 99570 71177 43735 74803 19487  
54766 49673 38473 12778 71757 75481 77340 37204 06352 20972  
62966 66973 01834 50165 93012 59361 66726 04443 73689 88358  
09985 87379 40324 54265 12285 50013 76006 51182 90486 33621  
30317 38035 89830 76204 55432 35836 36968 96883 14394 42672  
58244 22159 01259 59464 49174 79446 87838 32734 32290 29399  
21727 18335 96902 02858 42523 70594 49320 46710 72621 91520  
63625 19520 34845 05850 12009 17681 80931 17793 12717 87904  
47419 08435 06362 64416 87388 11075 67077 28537 14076 31472  
37411 66241 15658 48088 03233 39693 98116 07085 17803 43862  
08332 08140 18188 25134 16286 66491 02930 16526 66322 11552  
64868 33941 34241 28139 10337 28127 91725 33943 81970 44512  
08282 17311 82101 22515 17486 10235 34288 02143 10786 48476  
15080 67812 85417 71688 91379 35924 53606 75585 18011 02078  
61584 63887 60416 14337 91744 95848 08325 17012 21765 65768  
51113 20195 01628 69650 61963 39244 09966 96947 05121 15768  
09092 70870 30103 30819 11558 72916 44684 44315 65967 12166  
56831 13780 10539 16439 60612 12314

**10968/12168/13368 kHz, 18-11/20-11, 1200/1220/1240 UTC**

06564 00098 76674 92143 66624 97530 19844 83749 75152 06196  
05675 05987 46135 06500 58343 52846 80731 28525 55890 38422  
93241 10529 21285 71297 28286 52969 21461 62906 54438 45739  
54523 46525 22329 42096 63593 18577 74040 75629 75638 10911  
23579 16800 76738 19156 76429 45760 35410 56241 93418 05247  
93499 26727 28300 70435 95808 35267 66075 47814 60363 72650  
28236 93621 86609 35187 29682 52719 60777 47970 45189 71829  
46107 72301 20688 99079 31894 65440 94777 42487 51359 20191  
33430 61320 92097 35178 26957 59061 60382 29643 23446 62098  
51329 34108 44295 01555 58830 76025 67817 80220 79546 47543  
77554

**15985/14885/13885 kHz, 19-11, 0910/0930/0950 UTC**

08309 00001 00000 37260

**8133/7546 kHz, 20-11, 1510/1530 UTC. Exercise**

00933 00241 09165 35910 15940 96352 53339 29153 77918 23151  
02202 73227 47405 75763 33472 45867 54841 20312 86979 92951  
75427 78478 15641 99992 62644 64683 16240 00574 45531 20559  
93035 49070 21637 43231 93248 07332 68184 76896 09761 39156  
88140 50554 76753 49899 84270 96534 15773 87678 70348 42227  
30267 35431 95203 18015 63002 71885 63250 03099 22269 18317  
52070 09149 26675 52692 88022 40410 98710 33550 11697 66513  
92388 71846 04040 49571 26191 61156 75370 04822 15199 61282  
61791 30472 60278 50233 90259 75194 49229 67467 60106 02314  
59842 68104 79427 68081 76667 99298 42049 50703 86319 65929  
22407 82273 75229 58031 51942 13461 39096 27070 28076 33124  
85603 12975 58669 75266 88229 70289 71212 73964 07214 42478  
81556 93316 00188 36432 35616 05174 56501 56653 40894 06441  
87145 24495 41671 04072 79997 37666 40865 75048 12698 24081  
55793 88171 58721 33924 74681 43005 96851 83826 84333 24475  
94843 19889 58022 80212 04755 20359 98255 48310 94030 04104  
22245 47291 06289 65468 06113 54354 89216 76801 75409 31143  
59523 61019 93742 03121 06440 51119 42918 84070 65711 37979  
90923 95018 40915 73553 53324 49326 72320 43689 34896 66654  
02334 66778 92740 16710 37660 14468 83786 58983 76800 16384  
99450 25722 12099 64985 36972 78569 41518 98273 91652 55903  
66530 30723 40137 06800 22246 29356 19523 85215 90039 99371  
96806 43068 36251 55909 44751 72947 26637 50558 45522 28414  
30387 48389 14596 70876 40314 98538 87703 22762 66667 99664  
29659 36237 53090 43233

**15985/14885/13885 kHz, 21-11, 0910/0930/0950 UTC**

09301 00001 00000 33261

**8126/6826/5326 kHz, 21-11, 1600/1620/1640 UTC**

09115 00001 00000 34262

**17413/15852/13363 kHz, 23-11/25-11, 0910/0930/0950 UTC**

09538 00110 67466 76400 15678 42162 60916 79645 36733 07442  
97765 39257 64245 78707 63737 09134 03524 87693 09444 06865  
55288 70684 53721 19196 84207 16117 96364 74828 84475 99471  
45004 13868 29804 43825 33917 59882 38962 40223 40711 21465  
03792 67631 37057 73840 50154 94149 47360 37238 71797 10612  
54259 97817 32348 24250 87495 69700 83291 31955 71340 57833  
55464 76796 31994 42835 25354 93614 10403 43436 21936 41506  
38941 51078 15520 46883 85777 88004 18277 52205 94545 85829  
73581 91747 44303 70725 84936 56261 61527 61582 52801 04523  
98453 10354 72229 14665 66709 58137 03906 02943 95395 95651  
41779 80452 01519 57888 53724 66103 11641 11123 62333 12474  
92475 41863 30601

**8175/7927/7538 kHz, 23-11, 1410/1420/1430 UTC. Exercise**

00625 00241 87427 80981 04788 84772 64552 36377 84638 88807  
47286 32228 52406 32903 27102 68499 06607 82789 04081 59565  
68774 76150 48228 95428 15013 76297 63843 18959 20184 22701  
95284 18646 13283 19896 16935 13160 58277 00091 31588 87342  
23849 36923 76031 21403 19872 00046 30747 10873 41864 71275  
72211 35019 35459 79559 22678 91235 98399 07523 69680 86366  
75673 46521 23769 52558 03223 36860 38577 31554 42311 31085  
60786 32440 88828 48086 36914 70109 15913 20703 17155 63026  
51121 91538 30349 28786 31944 55368 40944 94693 15320 04662  
75263 42676 47943 21999 82845 77644 18731 88210 77939 36887  
85664 47715 65225 50535 49792 02551 18866 52086 10164 15683  
31533 97743 21103 87569 39663 37151 56727 02436 84644 98126  
39989 44909 15228 54923 52201 83213 56987 57823 63435 22368  
58880 16970 01764 46352 85797 18858 60638 68186 98013 45890  
69730 91818 27394 95488 65593 05563 50942 63228 49093 14163

81914 14890 45272 28968 63193 65551 63934 40701 25224 87260  
34586 59078 58283 06928 20855 10945 82958 18069 49025 32483  
28988 25925 50629 39702 25334 20601 85003 03165 58704 33722  
45460 64635 29906 90598 98046 38290 92377 21396 57712 69634  
27842 65997 82635 05133 87522 20920 41847 23950 71328 30351  
07306 52520 56792 74253 66636 63239 16300 77872 98654 14401  
97824 40939 29238 82694 95433 89184 29129 38165 68470 06366  
87562 33585 49197 27934 01937 01623 25525 44596 02301 77507  
26015 77181 26242 84932 82063 78920 35651 65367 62674 49882  
37289 95388 98988 62445

**8126/6826/5326 kHz, 23-11/28-11, 1600/1620/1640 UTC**

09848 00237 26700 58953 90810 07345 09464 51030 04201 11227  
75911 81377 01926 10898 37496 40747 79225 33378 97470 98545  
27584 13482 82639 89005 20609 94942 32615 19218 47397 30146  
04263 79468 04090 67153 44681 31107 66179 96646 79950 05058  
23668 53028 69710 47574 67912 10235 63442 22193 06819 96410  
89798 66851 42270 58634 48341 86575 26442 85672 95669 55428  
85750 25207 21985 99723 44835 81375 34631 34892 56119 59831  
69312 55150 33114 54393 21526 08261 69930 62431 73213 84468  
54803 93135 49499 99233 85253 19923 77319 86063 14334 68758  
66929 89853 83993 25012 32811 70441 36474 80539 32885 32407  
68786 17935 28149 93610 40299 68223 43281 80796 00520 67345  
21439 88512 98025 24941 39834 65902 56847 02355 92600 71388  
31269 31570 58782 99128 92763 38161 52477 63664 05698 73594  
07720 18774 38554 15718 06155 84050 40908 07382 15040 88712  
95227 58324 25497 08681 49939 92722 51851 48343 01494 25143  
61095 23306 96602 59300 57607 89056 60745 15750 42982 88486  
45484 97283 55811 84811 19901 08546 65487 44867 31612 82812  
75096 36751 72848 95575 36940 69644 90426 62836 18310 33669  
82670 98040 60166 71449 98019 29959 40893 52954 85560 24549  
83317 41908 94461 60815 23163 69332 28041 57056 26050 25756  
97942 20419 64013 18940 98809 89596 87404 12998 06127 57639  
39655 34885 93688 93726 67172 14847 01382 05612 02042 89401  
29408 40895 21155 77049 56707 76185 07212 14233 37603 15658  
64197 61115 02484 73059 57855 14588 30949 02062 58819 27000

**10653/9353/8153 kHz, 24-11/27-11, 1100/1120/1140 UTC**

00506 00184 49602 69426 67287 38320 65637 50648 11085 68921  
60153 80846 15997 69229 83664 57203 03780 18839 49848 68991  
67211 76034 83125 50970 07598 76995 82233 68212 87401 92469  
47997 55386 17269 69775 92714 22166 22233 73568 74838 05789  
74685 83509 40302 96495 39072 65928 53421 88586 67965 58136  
95247 75223 37414 08128 12707 30903 81194 65372 15040 01272  
69534 46601 13530 53608 19729 23047 06192 24184 41929 32952  
86598 79452 27047 95295 91751 59935 07119 02171 77814 76002  
08042 22052 84169 61481 45153 46941 12882 71064 73480 31641  
22147 88268 16854 26170 54847 80536 51867 61579 75852 96361  
03038 44288 59394 15662 12531 13456 46877 63811 68249 68736  
10648 73412 39918 40377 19791 34873 83489 57532 42785 62486  
65918 57327 82677 62980 10544 64999 31352 54980 24833 01660  
37756 41807 75407 59229 51007 88330 19252 40639 81709 71710  
59497 74783 52609 26075 57931 78155 11872 09448 41168 01884  
98709 32388 12113 08424 69686 47469 03264 00570 50470 01763  
94895 51748 37503 40154 81454 91282 19733 04206 68236 79857  
51621 61887 39213 22409 71240 01066 07636 92726 70656 47454  
16821 90724 02828 23477 98838 47093 54313

**14783/13883/12183 kHz, 24-11/29-11, 1200/1220/1240 UTC**

00573 00096 48614 42552 53486 85705 99116 31566 28424 66210  
73203 43871 47375 61262 94038 56690 70193 66423 10518 12145  
40233 58345 93994 67312 39180 38213 79178 67992 28467 24768  
74993 63949 56246 04308 65324 15548 98467 29919 52323 72670

84141 14958 02726 47258 07792 19845 67248 64595 75933 05537  
72630 54361 12018 69148 79986 08715 12193 08508 53919 65095  
40818 44422 84821 62612 56867 78913 78720 66130 89149 58452  
22461 44519 94477 30667 99683 82594 05385 26357 69152 68803  
87612 82732 26844 83300 25037 69839 66637 42464 60485 71540  
45884 56541 56024 89652 78769 84964 63427 56565 12630

**8189/7952/7622/6901/6783/5834 kHz, 1310/1320/1330/1340/1350/1400 UTC**  
**1350 and 1400 UTC stopped during the intro**

00704 00241 31178 45836 93060 26954 85038 51125 99622 69259  
53438 02698 98245 80893 23686 97734 33358 40658 25245 16174  
51326 27678 24254 65760 74200 70235 36098 10186 74975 72699  
59567 18219 15314 64363 54993 24553 54239 40417 37994 21729  
38063 19534 63783 72910 50189 75050 17359 73698 45171 90056  
91613 36165 69023 90186 46936 08470 74481 91126 01932 45842  
98192 32252 41468 15103 88925 26502 59050 83558 78691 96350  
83804 19830 66237 41969 80526 02906 53993 11918 94152 05327  
77662 87534 99874 26295 21879 48006 49738 86374 46669 95309  
33364 68968 07579 91486 52551 65180 84902 16182 07783 70870  
80544 07758 06169 57448 30665 75613 56481 79562 39501 36188  
05486 74886 50512 42342 61824 45542 14833 91514 20697 33487  
13762 87232 29465 12172 26199 54941 00761 76115 29191 36046  
12654 51766 37721 12757 40920 34286 93480 84126 59541 41970  
18561 02451 09907 93922 70591 45405 14475 08769 60605 60471  
12643 12657 57309 54156 15236 63434 30793 98943 71293 87619  
19909 60386 78204 59369 75718 92397 97343 40696 94186 99248  
83912 62810 47406 94879 43490 23949 00808 68126 22492 20117  
40454 59919 23329 38310 13607 28477 22774 05363 78023 88299  
36916 13372 74236 05689 75783 32379 35584 53612 61545 25763  
31491 79172 90688 19480 79553 59320 75735 21566 61883 55754  
30856 35865 86975 32326 04724 50717 01787 76271 62818 92139  
32594 92600 38784 68097 60509 75644 39414 85748 40168 75971  
01153 26596 36267 33545 01613 69912 15823 18981 20874 78594  
30511 95926 37474 46075

**10223/9223/8123 kHz, 24-11, 1600/1620/1640 UTC**  
09852 00001 00000 36266

**16263//18048 kHz, 25-11, 0720 UTC**  
241 gr message

**13393/12193/11093 kHz, 25-11, 1100/1120/1140 UTC**  
04205 00001 00000 34654

**10968/12168/13368 kHz, 25-11, 1200/1220/1240 UTC**  
07769 00001 00000 41265

**15985/14885/13885 kHz, 26-11/28-11, 0910/0930/0950 UTC**  
09489 00028 32638 40873 47946 38741 63077 52591 38179 33880  
85112 70479 17527 08288 30302 25287 82964 07919 52824 76844  
91780 51087 97337 18399 65233 16508 65141 54175 37078 03005  
00131

**13393/12193/11093 kHz, 26-11, 1100/1120/1140 UTC**  
08649 00001 00000 40664

**10223/9223/8123 kHz, 26-11, 1600/1620/1640 UTC**  
05514 00001 00000 35656

**10968/12168/13368 kHz, 27-11, 1200/1220/1240 UTC**  
04474 00001 00000 35263

**11529/13429/13929 kHz, 30-11, 0800/0820/0840 UTC**

06198 00089 17144 08190 57349 22746 56725 74134 33740 98887  
 20042 61366 98350 42186 79646 07793 47619 20118 67178 39947  
 74123 37064 16353 60013 08885 17375 80856 30444 87136 55474  
 76700 63633 11767 88200 05693 81445 69758 11551 27961 76570  
 68121 15393 71276 55364 99194 10626 60111 40727 27273 24295  
 24126 88276 93929 70185 54454 85556 93663 53609 15344 57099  
 69957 81457 58917 71858 96738 01008 21967 68672 91245 69870  
 67125 55181 81581 45706 50247 45054 47320 23619 75728 81188  
 45628 27217 59995 24786 66284 91844 41704 18115 27558 69456  
 34380 07677

**17413/15852/13363 kHz, 30-11, 0910/0930/0950 UTC**

06125 00001 00000 34260

**8126/6826/5326 kHz, 30-11, 1600/1620/1640 UTC**

09270 00001 00000 32270

***XPB1***

7876 kHz, 01-11/03-11/08-11/10-11/15-11/17-11/22-11/24-11/29-11, 2000 UTC  
 7576 kHz, 01-11/03-11/08-11/10-11/15-11/17-11/22-11/24-11/29-11, 2010 UTC  
 6876 kHz, 01-11/03-11/08-11/10-11/15-11/17-11/22-11/24-11/29-11, 2020 UTC  
 5876 kHz, 01-11/03-11/08-11/10-11/15-11/17-11/22-11/24-11/29-11, 2030 UTC  
 5376 kHz, 01-11/03-11/08-11/10-11/15-11/17-11/22-11/24-11/29-11, 2040 UTC  
 4476 kHz, 01-11/03-11/08-11/10-11/15-11/17-11/22-11/24-11/29-11, 2050 UTC

13894 kHz, 02-11/07-11/09-11/14-11/16-11/21-11/23-11/28-11/30-11, 1100 UTC  
 11494 kHz, 02-11/07-11/09-11/14-11/16-11/21-11/23-11/28-11/30-11, 1110 UTC  
 12194 kHz, 02-11/07-11/09-11/14-11/16-11/21-11/23-11/28-11/30-11, 1120 UTC  
 11494 kHz, 02-11/07-11/09-11/14-11/16-11/21-11/23-11/28-11/30-11, 1130 UTC  
 11094 kHz, 02-11/07-11/09-11/14-11/16-11/21-11/23-11/28-11/30-11, 1140 UTC  
 10494 kHz, 02-11/07-11/09-11/14-11/16-11/21-11/23-11/28-11/30-11, 1150 UTC

13446 kHz, 03-11/09-11/10-11/16-11/17-11/23-11/24-11/30-11, 0600 UTC  
 14446 kHz, 03-11/09-11/10-11/16-11/17-11/23-11/24-11/30-11, 0610 UTC  
 14946 kHz, 03-11/09-11/10-11/16-11/17-11/23-11/24-11/30-11, 0620 UTC  
 15846 kHz, 03-11/09-11/10-11/16-11/17-11/23-11/24-11/30-11, 0630 UTC  
 16146 kHz, 03-11/09-11/10-11/16-11/17-11/23-11/24-11/30-11, 0640 UTC  
 17446 kHz, 03-11/09-11/10-11, 16-11/17-11/23-11/24-11/30-11, 0650 UTC

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

17426.7 kHz, 18-11, 0907 UTC, SITOR-A 100/170	Unid Egyptian embassy clg SSTU: MFA Cairo
8121.7 kHz, 24-11, 1627 UTC, SITOR-A 100/170	Egyptian diplo i.p.

***UTILITY ROUND-UP******PROMRÖ***

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

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".



**4735 kHz, 15-11, 0801 UTC**  
VVVVVV PROMRÖ = 1511 =  
1000 0590 0260 0800 1210  
1200 0640 0280 0850 1280  
1400 0610 0270 0820 1230  
1600 0600 0220 0810 1220  
1800 0370 0200 0470 0690  
2000 0360 0200 0450 0640  
2200 0320 0200 0380 0540  
2400 0330 0200 0390 0540  
0200 0330 0200 0390 0540  
0400 0340 0200 0400 0560  
0600 0290 0200 0370 0540  
0800 0530 0210 0730 1110  
= ABV  
VVVVVVVV PROMRÖ = 1511 =  
1000 0590 0260 0800 1210  
1200 0640 0280 0850 1280  
1400 0610 0270 0820 1230  
1600 0600 0220 0810 1220  
1800 0370 0200 0470 0690  
2000 0360 0200 0450 0640  
2200 0320 0200 0380 0540  
2400 0330 0200 0390 0540  
0200 0330 0200 0390 0540  
0400 0340 0200 0400 0560  
0600 0290 0200 0370 0540  
0800 0530 0210 0730 1110  
= AR

**4735 kHz, 21-11, 0800 UTC**  
VVV VVV PROMRÖ = 21 11 =  
1000 0600 0260 0810 1210  
1200 0640 0270 0860 1290  
1400 0620 0260 0830 1240  
1600 0610 0210 0820 1230  
1800 0340 0200 0430 0620  
2000 0350 0200 0430 0610  
2200 0310 0200 0380 0530  
2400 0320 0200 0380 0530  
0200 0320 0200 0380 0530  
0400 0340 2000 0410 0560  
0600 0290 0200 0370 0540  
0800 0530 0200 0730 1110  
= ABV  
VVV VVV PROMRÖ = 21 11 =  
1000 0600 0260 0810 1210  
1200 0640 0270 0860 1290  
1400 0620 0260 0830 1240  
1600 0610 0210 0820 1230  
1800 0340 0200 0430 0620  
2000 0350 0200 0430 0610  
2200 0310 0200 0380 0530  
2400 0320 0200 0380 0530  
0200 0320 0200 0380 0530  
0400 0340 2000 0410 0560  
0600 0290 0200 0370 0540  
0800 0530 0200 0730 1110  
= AR

**4735 kHz, 22-11, 0801 UTC**  
VVVVV PROMRÖ = 2211 =  
1000 0590 0270 0790 1200  
1200 0630 0290 0840 1270  
1400 0610 0270 0810 1220  
1600 0600 0220 0810 1230  
1800 0330 0200 0420 0610  
2000 0340 0200 0430 0610  
2200 0310 0200 0370 0520  
0000 0320 0200 0380 0530  
0200 0320 0200 0380 0530  
0400 0340 0200 0400 0560  
0600 0280 0200 0370 0530  
0800 0530 0210 0730 1110  
= ABV  
VVVVV PROMRÖ = 2211 =  
1000 0590 0270 0790 1200  
1200 0630 0290 0840 1270  
1400 0610 0270 0810 1220  
1600 0600 0220 0810 1230  
1800 0330 0200 0420 0610  
2000 0340 0200 0430 0610  
2200 0310 0200 0370 0520  
0000 0320 0200 0380 0530  
0200 0320 0200 0380 0530  
0400 0340 0200 0400 0560  
0600 0280 0200 0370 0530  
0800 0530 0210 0730 1110  
= AR

**4735 kHz, 25-11, 0800 UTC**  
VVVVV PROMRÖ = 25 11 =  
1000 0590 0260 0800 1210  
1200 0630 0270 0850 1280  
1400 0610 0260 0820 1230  
1600 0600 0210 0810 1230  
1800 0330 0200 0420 0610  
2000 0340 0200 0430 0610  
2200 0310 0200 0380 0520  
2400 0320 0200 0380 0530  
0200 0320 0200 0380 0520  
0400 0340 0200 0400 0570  
0600 0280 0200 0360 0530  
0800 0530 0200 0730 1110  
= ABV =  
VVVVV PROMRÖ = 25 11 =  
1000 0590 0260 0800 1210  
1200 0630 0270 0850 1280  
1400 0610 0260 0820 1230  
1600 0600 0210 0810 1230  
1800 0330 0200 0420 0610  
2000 0340 0200 0430 0610  
2200 0310 0200 0380 0520  
2400 0320 0200 0380 0530  
0200 0320 0200 0380 0520  
0400 0340 0200 0400 0570  
0600 0280 0200 0360 0530  
0800 0530 0200 0730 1110  
= AR

**4735 kHz, 26-11, 0800 UTC**  
VVV VVV PROMRÖ = 26 11 =  
1000 0590 0260 0800 1200  
1200 0630 0270 0840 1270  
1400 0610 0260 0810 1220  
1600 0600 0210 0800 1220  
1800 0320 0200 0410 0600  
2000 0340 0200 0420 0600  
2200 0310 0200 0380 0520  
0000 0320 0200 0380 0530  
0200 0320 0200 0380 0520  
0400 0340 0200 0410 0560  
0600 0280 0200 0360 0530  
0800 0530 0200 0720 1110  
= ABV  
VVV VVV PROMRÖ = 26 11 =  
1000 0590 0260 0800 1200  
1200 0630 0270 0840 1270  
1400 0610 0260 0810 1220  
1600 0600 0210 0800 1220  
1800 0320 0200 0410 0600  
2000 0340 0200 0420 0600  
2200 0310 0200 0380 0520  
0000 0320 0200 0380 0530  
0200 0320 0200 0380 0520  
0400 0340 0200 0410 0560  
0600 0280 0200 0360 0530  
0800 0530 0200 0720 1110  
= AR

**4735 kHz, 28-11, 0800 UTC**  
VVVVV PROMRÖ = 2811 =  
1000 0590 0270 0800 1200  
1200 0630 0280 0840 1270  
1400 0610 0270 0810 1230  
1600 0590 0220 0800 1210  
1800 0320 0200 0410 0590  
2000 0340 0200 0420 0600  
2200 0320 0200 0380 0520  
0000 0320 0200 0380 0530  
0200 0320 0200 0380 0520  
0400 0340 0200 0410 0570  
0600 0280 0200 0360 0530  
0800 0520 0210 0720 1100  
= ABV  
VVVVV PROMRÖ = 2811 =  
1000 0590 0270 0800 1200  
1200 0630 0280 0840 1270  
1400 0610 0270 0810 1230  
1600 0590 0220 0800 1210  
1800 0320 0200 0410 0590  
2000 0340 0200 0420 0600  
2200 0320 0200 0380 0520  
0000 0320 0200 0380 0530  
0200 0320 0200 0380 0520  
0400 0340 0200 0410 0570  
0600 0280 0200 0360 0530  
0800 0520 0210 0720 1100  
= AR

**4735 kHz, 29-11, 0801 UTC**  
VVVVV PROMRÖ = 29 11 =  
1000 0600 0250 0800 1210  
1200 0630 0270 0840 1270  
1400 0610 0260 0810 1220  
1600 0590 0200 0800 1210  
1800 0320 0200 0400 0590  
2000 0340 0200 0420 0600  
2200 0310 0200 0370 0530  
2400 0320 0200 0380 0530  
0200 0320 0200 0380 0520  
0400 0340 0200 0400 0560  
0600 0280 0200 0360 0530  
0800 0530 0200 0720 1100  
= ABV =  
VVVVV PROMRÖ = 29 11 =  
1000 0600 0250 0800 1210  
1200 0630 0270 0840 1270  
1400 0610 0260 0810 1220  
1600 0590 0200 0800 1210  
1800 0320 0200 0400 0590  
2000 0340 0200 0420 0600  
2200 0310 0200 0370 0530  
2400 0320 0200 0380 0530  
0200 0320 0200 0380 0520  
0400 0340 0200 0400 0560  
0600 0280 0200 0360 0530  
0800 0530 0200 0720 1100  
= AR

## Unid

An unid marker, first reported on November 16<sup>th</sup>, appeared on 8134 kHz. It sent "00000" 24hrs per day. Long zero's. On November 20<sup>th</sup> the marker was replaced by a message. The marker did not return after the message. The user, location and purpose are still unknown. It could be a military fox hunt.

8134 kHz, 16-11, 1725 UTC	Channel marker 00000
8134 kHz, 17-11, 0900 UTC	Channel marker 00000
8134 kHz, 18-11, 0520 UTC	Channel marker 00000
8134 kHz, 19-11, 1839 UTC	Channel marker 00000
8134 kHz, 20-11, 0815 UTC	Channel marker 00000
8134 kHz, 20-11, 1440 UTC	SALUT LES GARS C EST MOI 1234567890 (hi guys it's me 1234567890) . Stopped at 1553 UTC. The 00000beacon did not return after the message
8134 kHz, 23-11, 1245 UTC	The station returned sending SALUT LES GARS C EST MOI 1234567890
8134 kHz, 24-11, 0655 UTC	SALUT LES GARS C EST MOI 1234567890
8134 kHz, 25-11, 0803 UTC	SALUT LES GARS C EST MOI 1234567890
8134 kHz, 26-11, 0721 UTC	SALUT LES GARS C EST MOI 1234567890
8134 kHz, 27-11, 1502 UTC	SALUT LES GARS C EST MOI 1234567890
8134 kHz, 28-11, 0705 UTC	SALUT LES GARS C EST MOI 1234567890
8134 kHz, 29-11, 1554 UTC	SALUT LES GARS C EST MOI 1234567890
8134 kHz, 30-11, 1258 UTC	SALUT LES GARS C EST MOI 1234567890

Recording of the 00000 marker and the message:

[http://www.numbersoddities.nl/Unid%2000000%202020-11-16-1755z\\_2020-11-20-1440z-8134utc.mp3](http://www.numbersoddities.nl/Unid%2000000%202020-11-16-1755z_2020-11-20-1440z-8134utc.mp3)



The 00000 marker

## North Korean military

2744.6 kHz, 19-11, 1601 UTC, North Korean military i.p.  
VVV CQ (x3) DE U7L (x3) QSA ? 2785 (x3) K

## US Joint Chief of Staff Emergency Action Messages and Foxtrot Messages

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
01-11	0001	Contender	30 chr EAM QTFRDG 3ZRZ7ALJOXKKS3NFOONIUZ7B
01-11	0103	Contender	30 chr EAM QTYLBR 76BH7PM4PS5GFZENZTCZNWU4
01-11	0542	Contender	30 chr EAM QTJ743 33WCDX7MWAHBWB3NOLCHUA4K
01-11	0603	Contender	30 chr EAM QTJ743 33WCDX7MWAHBWB3NOLCHUA4K
01-11	0606	Contender	30 chr EAM QTHSKH VXPTGHD52BYSIO6DMXWGRPC
01-11	0630	Contender	30 chr EAM QTHSKH VXPTGHD52BYSIO6DMXWGRPC
01-11	0633	Contender	30 chr EAM QTDNBB KYBUROWNTLRUKTYCKQKLJG7X
01-11	0635	Contender	30 chr EAM QT3SOG EVZRAPV7MDUBCDKBGQGFJPN
01-11	0638	Contender	30 chr EAM QTZUKR XUI2ZIPWQPRF4KDWRA6OTXHN
01-11	0640	Contender	30 chr EAM QTJ743 33WCDX7MWAHBWB3NOLCHUA4K
01-11	0643	Contender	30 chr EAM QTYXPH E4CI7RBPTNDEKEU563XJ6PWB
01-11	2243	Contender	30 chr EAM QTQXBH KHAHY7T36WRHOEKGD3T2XRP
01-11	2318	Contender	30 chr EAM QTEM3Q FLQMG7BQLWQLDDXFRMYCXDNH
02-11	0233	Agreeable	30 chr EAM QTJTGF OAW6S2QF5A3DVPEKR46QLCBX
02-11	1747	Agreeable	30 chr EAM for Stop-07 3URBIF NVWABD4HTGNDFA5FWVZ4NSSA
02-11	1816	Agreeable	30 chr EAM QT5VRT 52VYCTQV4ISZBVZNJFGH35EJ
02-11	2228	Agreeable	54 chr EAM 3UBIK6 3GQCQXMCQKS55D6FRK46TPOR6WOGNR56TCBXU77BNSTDI3ND
02-11	2247	Agreeable	30 chr EAM 3UXLBD IB5V2LOR22JCIJBPVNX5RLR6
02-11	2317	Agreeable	30 chr EAM QT3OXX ENQFYCQSWBN6HKOJ3OQZGWYL
02-11	2322	Agreeable	30 chr EAM QTXFC2 YC4MAIOOZRI2LNROITG5HCBA
02-11	2337	Agreeable	30 chr EAM 3UPVNB CSY4CFEJH2GL4RQWBLZOLTI
02-11	2342	Agreeable	30 chr EAM QTNAIG QXOIFEPUPXFN3LNGMJYUWPTX
02-11	2357	Agreeable	30 chr EAM QTUVSX YC7ACMAYOSUVFBKRLB3TRMZN
03-11	0606	White Ash	60 chr EAM VFUCJX XGR3LKXAFG5R7BRZXRXLNEDZHAQVUSFULGHIRGIXGONLEUDRFNZX2
03-11	1550	White Ash	30 chr EAM 3ULP46 RLA4SVZ7GKVDUYZNC4U7N2T5
03-11	1627	White Ash	59 chr EAM 3UNU5A AV2LXOAPSDRUWXOY2BIOY2UIOY2PNKHNBA2ND27G7KHNGAELOGN2T
03-11	1650	White Ash	30 chr EAM 3UOFJT I3JYNY6RMKPGUZX2GKQBWU7L
03-11	1708	White Ash	42 chr EAM 3U57AL LYLAW3S6IYACBXXMZ3QZQVCCZWOF3ZP6SU6
04-11	1533	Windburn	68 chr EAM VF2WQ6 DXYTK55SD6QLHGEKOEZTQHWBLQL6XJ75YILM7CTBMRAXFWV2L3BPXT6MLWFNNB
04-11	1703	Windburn	30 chr EAM for Beyond 3UJGAV UMBRRWM2KWGQEXUTXK23EADO
04-11	1747	Windburn	30 chr EAM for Club-19 3ULX4G 3SE5YXROMJI4N26WZXIUHYDR
04-11	1818	Windburn	30 chr EAM QTYCSB KTH3WBMGN6SFT3DFXWSNQWLK
04-11	2033	Windburn	30 chr EAM QTUG4S ID6WJYRRHCVYOWNZ3GCVSX67
04-11	2117	Windburn	30 chr EAM QT5BFL DKQSDL34WAO5ORU2UWC6ZQST
04-11	2217	Windburn	30 chr EAM QTTFEV BRTUVQUUJUKESIS77PCNSEGH
05-11	0233	Anthology	30 chr EAM QTDAF2 I6BTOS3UFJGETL4QVEIOYR5X
05-11	1247	Anthology	30 chr EAM for Thorium, for African Lilly 3UKCXZ MOHQUGMLVBA7EZTJ7E5VC5ZW
05-11	1304	Anthology	30 chr EAM for Thorium, for African Lilly 3UY6PP OZUFQCHHJRX7I4KFSSRZ7JD
05-11	1323	Anthology	30 chr EAM for African Lilly 3U64GJ TS4XFSCFLYKBIH2QFOLNV5CW
05-11	1333	Anthology	30 chr EAM for African Lilly 3UWSZK LR6TZL55YMO6VUALROAPRJEP
05-11	2155	Anthology	37 chr EAM 3UVND3 N3REDC5PJUCVNOZ62V7DMQUSX4QTAKM
05-11	2226	Anthology	37 chr EAM 3UOQQP PN75CWA3PO6IZICXXB3WGET6A25XXN
05-11	2230	Anthology	37 chr EAM 3UVND3 N3REDC5PJUCVNOZ62V7DMQUSX4QTAKM
05-11	2259	Anthology	37 chr EAM 3UOQQP PN75CWA3PO6IZICXXB3WGET6A25XXN
05-11	2303	Anthology	37 chr EAM 3UVND3 N3REDC5PJUCVNOZ62V7DMQUSX4QTAKM
05-11	2330	Anthology	37 chr EAM 3UOQQP PN75CWA3PO6IZICXXB3WGET6A25XXN
05-11	2334	Anthology	37 chr EAM 3UVND3 N3REDC5PJUCVNOZ62V7DMQUSX4QTAKM
05-11	2357	Anthology	37 chr EAM 3UYE3E AQMHUZWYSYVBEZZ26OHFVPZKJISTKPGS
06-11	0001	Anthology	37 chr EAM 3UYE3E AQMHUZWYSYVBEZZ26OHFVPZKJISTKPGS

06-11	0005	Wool Suit	37 chr EAM 3UOQQP PN75CWA3PO6IZICXXB3WGET6A25XXN
06-11	0007	Wool Suit	37 chr EAM 3UVND3 N3REDC5PJUCVNOZ62V7DMQUSX4QTAKM
06-11	0143	Wool Suit	37 chr EAM 3UOQQP PN75CWA3PO6IZICXXB3WGET6A25XXN
06-11	0146	Wool Suit	37 chr EAM 3UVND3 N3REDC5PJUCVNOZ62V7DMQUSX4QTAKM
06-11	0200	Wool Suit	37 chr EAM 3UOQQP PN75CWA3PO6IZICXXB3WGET6A25XXN
06-11	0206	Wool Suit	37 chr EAM 3UVND3 N3REDC5PJUCVNOZ62V7DMQUSX4QTAKM
06-11	0230	Wool Suit	37 chr EAM 3UOQQP PN75CWA3PO6IZICXXB3WGET6A25XXN
06-11	0232	Wool Suit	37 chr EAM 3UVND3 N3REDC5PJUCVNOZ62V7DMQUSX4QTAKM
06-11	0235	Wool Suit	37 chr EAM QT2WWY QHX4E2TWHIN4YM2QTLVJYCW
06-11	0300	Wool Suit	30 chr EAM QT2WWY QHX4E2TWHIN4YM2QTLVJYCW
06-11	0302	Wool Suit	37 chr EAM 3UOQQP PN75CWA3PO6IZICXXB3WGET6A25XXN
06-11	0304	Wool Suit	37 chr EAM 3UVND3 N3REDC5PJUCVNOZ62V7DMQUSX4QTAKM
06-11	0307	Wool Suit	30 chr EAM QT2WWY QHX4E2TWHIN4YM2QTLVJYCW
06-11	0320	Wool Suit	37 chr EAM 3UOQQP PN75CWA3PO6IZICXXB3WGET6A25XXN
06-11	0322	Wool Suit	37 chr EAM 3UVND3 N3REDC5PJUCVNOZ62V7DMQUSX4QTAKM
06-11	0340	Wool Suit	30 chr EAM QT2WWY QHX4E2TWHIN4YM2QTLVJYCW
06-11	0342	Wool Suit	37 chr EAM 3UOQQP PN75CWA3PO6IZICXXB3WGET6A25XXN
06-11	0345	Wool Suit	37 chr EAM 3UVND3 N3REDC5PJUCVNOZ62V7DMQUSX4QTAKM
06-11	1646	Wool Suit	30 chr EAM for Based-31 3UATEG TLNRV4FBD7ELS5AAC5B7WNOY
06-11	1804	Wool Suit	30 chr EAM QTWXOA 5QGHFE44LX3WASJS5SNOWVXQ
06-11	1812	Wool Suit	30 chr EAM QT7OYF PI4EMAVHICHWBD2VEWX7LVWT
06-11	2116	Wool Suit	30 chr EAM for Friar Tuck 3UHMDX OEJYY33LLBXQLR2CFWLIY7FJ
06-11	2146	Wool Suit	30 chr EAM for Friar Tuck 3ULMDT MKZACBIBYUQYCJQ2LHP2JVNS
07-11	0710	Stingray	30 chr EAM QTYKNE DUFRJ2QLPHP37KXYLDUHTNAS
07-11	1402	Stingray	30 chr EAM for Candleberry 3UCZPE 6CVP74E4HYTXEQWG4DT2DTSJ
07-11	1436	Stingray	30 chr EAM for Candleberry 3UFVQ3 LKOP7L3JL6SA5PLQPHS4WYC
07-11	1446	Stingray	30 chr EAM for Burnish, for Adduct 3URJQI PDT6LGUMQNDRB2XBOR3KOALO
07-11	1523	Stingray	30 chr EAM for Adduct 3UMOVK 7KFG27NN6C6MOJNUCOG57OCJ
07-11	1546	Stingray	30 chr EAM for Medium 3UVPD J4E5A7MCTA4HTABGVR2LG2AB
07-11	1602	Stingray	30 chr EAM for Candleberry 3UVSKY QR6MJHIVSTV3KC5LOBQU3K6I
07-11	1612	Stingray	30 chr EAM QTRRHV ASAUFXRQWVVIASGPY5HWUQST
07-11	1628	Stingray	30 chr EAM QTRJG4 OYDXRBSBJE66MPSD6A3AUV74
07-11	1632	Stingray	30 chr EAM for Candleberry 3UP2OM MWQ6HEA2F3CWYMA4OPHFAJH5
07-11	1635	Stingray	30 chr EAM QT6D6I THXDSSUNJTEO27YOOU36EKB
07-11	1637	Stingray	30 chr EAM QTRJG4 OYDXRBSBJE66MPSD6A3AUV74
07-11	1639	Stingray	30 chr EAM QTRRHV ASAUFXRQWVVIASGPY5HWUQST
07-11	1836	Stingray	30 chr EAM for Candleberry RUHCFL EMCB7DKEJB2UAZEWGP2BWFI
07-11	1922	Stingray	30 chr EAM for Medium 3UKEEE A2574PKM6K3QNBUBQAWN6EYBN
07-11	1954	Stingray	38 chr EAM VFM7XM CE3JXN2KZFIIYHOEWOAWZEZE2X7JOCLQ
07-11	2049	Stingray	30 chr EAM QTUNRN WSSJH7SCVL2U3FJAKJ2VK7LZ
07-11	2133	Stingray	30 chr EAM QTOZCY 5XJQWRPN7AY3NSXZPVUVSGPO
07-11	2145	Stingray	30 chr EAM for Crepe Rubber 3UZTJG SFOMUNWHTFHWCDONFIZ5I7B
07-11	2148	Stingray	30 chr EAM QTDWVH KX5QZXAMPYHRNQSXMRA5YWH
07-11	2151	Stingray	30 chr EAM QTIXII PLX7XUFAWDTBPJF2QAAGYXTI
07-11	2204	Stingray	30 chr EAM QTQMBV ED4LZ4IVX4YBPED4G3M2GYRH
07-11	2213	Stingray	30 chr EAM QTWYRN RIUBRLDHEUJUPJEXWTZVS2WI
07-11	2216	Stingray	30 chr EAM for Crepe Rubber 3UR5R3 TWLUMR2M42J7WP6UQ2CHSVEF
07-11	2219	Stingray	33 chr EAM 40KWHR BVAMYCBQ62WK2YBIY3FHPMRJNVF
08-11	0118	Pillsbury	30 chr EAM for Mazy 3UUZCO IT6ULODREZ4C7OHHZSTSD5Y5
08-11	0126	Pillsbury	30 chr EAM QTDWVH KX5QZXAMPYHRNQSXMRA5YWH
08-11	0130	Pillsbury	30 chr EAM for Navy 3UN3A4 ULWGMYPYFXII6U446Z7XGQH
08-11	0139	Pillsbury	30 chr EAM for Candleberry 3UUMWR 35VD6EFR7REVNGTIJE4EMPJM
08-11	0149	Pillsbury	30 chr EAM for Mazy 3UFUDB 7VKBDKIYIXYHZEHUV4PCAOW
08-11	0206	Pillsbury	30 chr EAM for Candleberry 3UWZAU CDFNQ7GLTSD6M7NC7JJB3VZY
08-11	0442	Pillsbury	30 chr EAM for Candleberry GQ5JPT WJ6KN4WDPB5WQJ6J7POBIR6
08-11	0513	Pillsbury	30 chr EAM for Candleberry GQSTFG TRCXYXRKOK7FPAY5SN7LHEGA
08-11	1309	Pillsbury	30 chr EAM for Burnish, for Mazy GQ7LSN NIXB6LWABQHRQS5QGRLL3WZH
08-11	1332	Pillsbury	30 chr EAM for Burnish, for Candleberry, for Crepe Rubber GQSU32 WTDIMTRCEGUYE3P33DIMAGGR
08-11	1347	Pillsbury	30 chr EAM for Burnish, for Candleberry, for Mazy, for Crepe Rubber GQL4HD K2WUKJL5OPRBCRXL7YJEVIQ6
08-11	1520	Pillsbury	30 chr EAM QTLP6C KWBWJXN7ALJDUNUPAOCQO3IG

08-11	1523	Pillsbury	30 chr EAM QTPGZC ON7AZDWYHSOLX6HZSB2TWLJ
08-11	1533	Pillsbury	30 chr EAM for Medial GQITNB KVEPCYWJJQCHLIWJWEDOOYRU
08-11	1536	Pillsbury	30 chr EAM QTPGZC ON7AZDWYHSOLX6HZSB2TWLJ
08-11	1536	Pillsbury	30 chr EAM QTLP6C KWBjWXN7ALJDUNUPAOCQO3IG
08-11	1558	Pillsbury	30 chr EAM for Medial GQOQIJ CILWDZDIA67APLZRK2QWE5PP
08-11	1608	Pillsbury	30 chr EAM for Candleberry GQ7IQU T2IUDHESWC44CV4SWWOXJXVO
08-11	1618	Pillsbury	30 chr EAM for Burnish, for Purse GQUUDVQ SQOPQM65EFU6XQUQOQ3E6DRU
08-11	1628	Pillsbury	30 chr EAM for Crepe Rubber GQIXYF QZHV6MAHL6WXR2XQJIGCY5C4
08-11	1638	Pillsbury	30 chr EAM QTNNYU 72EHESFX24FFLH5ZLYJAXIOH
08-11	1702	Pillsbury	30 chr EAM for Burnish, for Mazy, for Crepe Rubber GQWMQF 5ZMU24S7LJEZBHFKUZY37YBH
08-11	1812	Pillsbury	30 chr EAM for Purse GQZUWH TISHYE3OQWOPIAAWZP4CUASM
08-11	1913	Pillsbury	30 chr EAM for Medial GQMTFA MGMHY2HAW4XAO55X5ZON2ZXG
08-11	2043	Pillsbury	30 chr EAM for Crepe Rubber GQQJ4N 3IHFGXYFAOFPQQNQ666TTXG
08-11	2252	Pillsbury	30 chr EAM QTLKEI HZCJSLROJSLUML65HSGTHXL4
08-11	2325	Pillsbury	30 chr EAM QT13EF VHPG2N3BZ7KPSWPVYAM4ONL7
08-11	2330	Pillsbury	30 chr EAM QT13EF VHPG2N3BZ7KPSWPVYAM4ONL7
09-11	0233	Delegate	30 chr EAM QTSH2W 6HTOIQI6FRXUIZ3UQWIVKO4J
09-11	0610	Delegate	30 chr EAM QTMJRW HXXNAU5AKGETDZMVOCMJIW37
09-11	0630	Delegate	30 chr EAM QTGNQG AHOGPA3ASA4BGY2LVUCTPGZ
09-11	0645	Delegate	30 chr EAM QTGNQG AHOGPA3ASA4BGY2LVUCTPGZ
09-11	0648	Delegate	30 chr EAM QTMJRW HXXNAU5AKGETDZMVOCMJIW37
09-11	0658	Delegate	30 chr EAM QTQFYT ZCUUN2JA2DB3J6WUWCZPECAK
09-11	0706	Delegate	30 chr EAM QTYPNZ GDUSWT57SUFKZB3EMOKLOPFS
09-11	0708	Delegate	30 chr EAM QTQFYT ZCUUN2JA2DB3J6WUWCZPECAK
09-11	0710	Delegate	30 chr EAM QT46PW TDPBEXZSFIWDJRFSABX6IZ2
09-11	0732	Delegate	30 chr EAM QTYPNZ GDUSWT57SUFKZB3EMOKLOPFS
09-11	1605	Delegate	30 chr EAM QTFIYJ 2WEWOZ6BJGVJBMIOVCYH2JBT
09-11	1625	Delegate	30 chr EAM QTXWES PGEJRLPO66WIQO2WVARWOKYT
09-11	1630	Delegate	30 chr EAM QTFIYJ 2WEWOZ6BJGVJBMIOVCYH2JBT
09-11	1634	Delegate	30 chr EAM QTHUZX 4PUG2VD6WM3YN74CXY6W7FZD
09-11	1644	Delegate	30 chr EAM QTPB2J O2PF2QIUDFXELTW3CPZXQLDA
09-11	1650	Delegate	30 chr EAM QTG4OB MQQKSUVGWBA4TQBM73GDBZY7
09-11	1659	Delegate	30 chr EAM QTPB2J O2PF2QIUDFXELTW3CPZXQLDA
09-11	1605	Delegate	30 chr EAM QTOSNX 36N4CAITFBFEW3PKGJLDCZ5O
09-11	1724	Delegate	30 chr EAM QTOSNX 36N4CAITFBFEW3PKGJLDCZ5O
09-11	2132	Delegate	30 chr EAM QT7DJZ DSJ4PSN4SLXA2QEIJ54YH3UC
09-11	2201	Delegate	30 chr EAM QT26TZ WKTZWKS4SCA4UZR6X3HJSKZ2
10-11	0019	Opal Ring	49 chr EAM GQB5TL PWDU2WKETKZ4PEOXTSKDSETX3GIUFTVDSEOX73E5323
10-11	0549	Opal Ring	30 chr EAM QTQ3PA 23KSUUTWDTNBTGAIDJVQ3B52
10-11	0603	Opal Ring	30 chr EAM QTGZDC 5KQRFDNZSQMJ7RFIWIY4DOQ3Z
10-11	0606	Opal Ring	30 chr EAM QT4XFU NBHEPH3ZZ4QYYPVRFODWP6GA
10-11	0609	Opal Ring	30 chr EAM QTOKVJ ZZWBHUBHNB7T7H2HTRXYNRQF
10-11	0612	Opal Ring	30 chr EAM QTQ3PA 23KSUUTWDTNBTGAIDJVQ3B52
10-11	0620	Opal Ring	30 chr EAM QTNSND AGSZAN4I5Q2DFQMHWOVZYRO7
10-11	0632	Opal Ring	30 chr EAM QTNSND AGSZAN4I5Q2DFQMHWOVZYRO7
10-11	0634	Opal Ring	30 chr EAM QTOKVJ ZZWBHUBHNB7T7H2HTRXYNRQF
10-11	0636	Opal Ring	30 chr EAM QT4XFU NBHEPH3ZZ4QYYPVRFODWP6GA
10-11	0638	Opal Ring	30 chr EAM QT4XFU NBHEPH3ZZ4QYYPVRFODWP6GA
10-11	0659	Opal Ring	30 chr EAM QTNSND AGSZAN4I5Q2DFQMHWOVZYRO7
10-11	0702	Opal Ring	30 chr EAM QTOKVJ ZZWBHUBHNB7T7H2HTRXYNRQF
10-11	0704	Opal Ring	30 chr EAM QT4XFU NBHEPH3ZZ4QYYPVRFODWP6GA
10-11	0730	Opal Ring	30 chr EAM QTNSND AGSZAN4I5Q2DFQMHWOVZYRO7
10-11	0732	Opal Ring	30 chr EAM QTOKVJ ZZWBHUBHNB7T7H2HTRXYNRQF
10-11	0735	Opal Ring	30 chr EAM QT76E4 22SBH4YQGFZV2HO42363F2O5
10-11	0738	Opal Ring	30 chr EAM QT4XFU NBHEPH3ZZ4QYYPVRFODWP6GA
10-11	0759	Opal Ring	30 chr EAM QT76E4 22SBH4YQGFZV2HO42363F2O5
10-11	0802	Opal Ring	30 chr EAM QTNSND AGSZAN4I5Q2DFQMHWOVZYRO7
10-11	0805	Opal Ring	30 chr EAM QTOKVJ ZZWBHUBHNB7T7H2HTRXYNRQF
10-11	1404	Opal Ring	30 chr EAM GQ6NOY CDOOXONLDMGO3CDMPX5AXNF3
10-11	1408	Opal Ring	30 chr EAM GQ6NOY CDOOXONLDMGO3CDMPX5AXNF3
10-11	1455	Opal Ring	30 chr EAM GQWYW5 X6M55CMKS5VTFIP4J3NBQHR7
10-11	1503	Opal Ring	30 chr EAM QTBINA B6UVXIPHU5CGKDEKWJV5CUJR



10-11	1515	Opal Ring	30 chr EAM QTWNPU MTWRWKSVMYXINQB7XBUW2KSHE
10-11	1600	Opal Ring	30 chr EAM QTWNPU MTWRWKSVMYXINQB7XBUW2KSHE
10-11	1603	Opal Ring	30 chr EAM QTBINA B6UVXIPHU5CGKDEKWJV5CUJR
10-11	1608	Opal Ring	30 chr EAM QTWKC6 IXOPWQQE6VRCNLYLZBJKQY5Z
10-11	1630	Opal Ring	30 chr EAM QTWKC6 IXOPWQQE6VRCNLYLZBJKQY5Z
10-11	1635	Opal Ring	30 chr EAM QTBINA B6UVXIPHU5CGKDEKWJV5CUJR
10-11	2110	Opal Ring	30 chr EAM GQV7TI GUXWNUO322OZFQDKTXGWQORA
10-11	2244	Opal Ring	30 chr EAM QTYWYK 55FXRLQXAB6YHP5WKNQ7PN6B
11-11	1703	Nightfall	30 chr EAM for Gulf GQJQTS GYQRTBRZKH6EKYRUHOAIKK5K
11-11	1747	Nightfall	30 chr EAM for Kago-61? GQ2PWO3B3KKPGLP2WDV5RMAV7Q6VXI
11-11	1817	Nightfall	30 chr EAM QTXIJ4 LQDV6ZJ24M7RQRK76ICHZIRY
11-11	2032	Nightfall	30 chr EAM for Kago-61? GQCWHT FBONYQMATUVHN62F2O7ZXT54
11-11	2056	Nightfall	30 chr EAM for Reagan GQUHT7 YYCJ65TGWRFBNQCHAQYG5DG4
11-11	2106	Nightfall	30 chr EAM QTEZI4 4FONH63CG7YHHQX7NISQA37G
11-11	2132	Nightfall	30 chr EAM QTXSTC P2ZN23KEBLQGCZ4RILHCUGAR
12-11	2315	Knowledge	30 chr EAM QTAC4A 5QPEOEPGLEZSFBXYHWKZOPC
13-11	0006	Redemer	30 chr EAM GQ7UNJ BX3RGGTWITWETP6XQN3KCZ4Y
13-11	0034	Redemer	30 chr EAM QTZMUJ B3HUCF7NESJK3W7JFUSV2DUR
13-11	1733	Redemer	30 chr EAM for Abide GQQDSY Q2UYZOCYEYP3VOLIPKADOYTU
13-11	1737	Redemer	30 chr EAM for Abide GQQDSY Q2UYZOCYEYP3VOLIPKADOYTU
13-11	1747	Redemer	30 chr EAM for Chose-73 GQRZH7 RRXQT2SQ6X6JGAHSPTYRNR4
13-11	1757	Redemer	30 chr EAM for Abide GQ56PS YT2XASWEAMZBEUPC3TXP54WM
13-11	1817	Redemer	30 chr EAM QTLADU HLPWP4CD3FHJWZF3VKN2YV4L
13-11	1823	Redemer	37 chr EAM GQ4MVS XLU6YMX2JOQQ7DLXNXDPN5B2UOUORF3
13-11	1912	Redemer	30 chr EAM QTJBXZ NUK643C5Z377IYLGSMUWB6D5
13-11	1915	Redemer	30 chr EAM QTJBXZ NUK643C5Z377IYLGSMUWB6D5
13-11	2033	Redemer	30 chr EAM for Abide GQ5LY3 G74S4SJS4AR6HHPARO7CBE7B
13-11	2135	Redemer	30 chr EAM QTMCS4 SB5G5S7ABVJHA7B4FGIA6PSX
14-11	0012	Clarinet	49 chr EAM GQCSOA LTL2LRNJLY6UOLHFJQG2KCTAPB7FFD72KC3APKYVJKV
14-11	0025	Clarinet	30 chr EAM GQVOFJ 3C6CBT6NFHATZPB2ZTPREUNH
14-11	0045	Clarinet	54 chr EAM GQKWEH EUXMYBWLIX6S26RDDR2VEBOEN4LDDPG3SYOECPL2OENV3
14-11	2134	Clarinet	30 chr EAM QTXJF7 5TPQKEPUJLYOWJSLZYVKRNDG
14-11	2320	Clarinet	30 chr EAM QTJALE CZHNF27O4F3KN4XVPCU2GRTI
15-11	1557	Best Man	30 chr EAM QT5OEP ZVI2U664NCOXE52E42UWAV7Z
15-11	1600	Best Man	30 chr EAM QTEKSY ACYQUAFOLFXJ4FBESVZDUGPV
15-11	1603	Best Man	30 chr EAM QTRGQL RFR6ILKAM3NL34E6JMRZTK4S
15-11	1609	Best Man	30 chr EAM QTNWLC M7CGXJFFKEWUN2M5TCD2FJTU
15-11	1612	Best Man	30 chr EAM QTNWLC M7CGXJFFKEWUN2M5TCD2FJTU
15-11	1733	Best Man	30 chr EAM QTOEKB N3JI7R3QR4RXMPPEB72B6PJ4G
15-11	2244	Best Man	30 chr EAM QTVV7L KEDDF4EKH6DTPW5CGF6LQ5YG
15-11	2317	Best Man	30 chr EAM QT3E2O C7DKHEBOOQZQ3ACNSDYN2DF4
15-11	2330	Best Man	30 chr EAM QTMGRH 2PMDCPZU3CYD2LIAPTXYNWCM
15-11	2333	Best Man	30 chr EAM QTTTMR OLP6LKVWDXNMBLJDV36DX2WR
15-11	2336	Best Man	30 chr EAM QTUKQE PMQR3HU3GND6PTS5BYPY6KNJM
16-11	0008	Copeland	30 chr EAM QT3E2O C7DKHEBOOQZQ3ACNSDYN2DF4
16-11	0040	Copeland	30 chr EAM QT3E2O C7DKHEBOOQZQ3ACNSDYN2DF4
16-11	0215	Copeland	30 chr EAM QTR24F KGGZZT7GMJLRRWDZNR6PLWFO
16-11	0232	Copeland	30 chr EAM QT6LQ4 IMC67NT7PTTVCK4ONEVUYB2J
16-11	0512	Copeland	30 chr EAM QTHWKV 34XKGIWHAYZMCIWCGBDTHJYC
16-11	0515	Copeland	30 chr EAM QTPDRN TZRQHO6IO7MIGMHZ7ZZS7IMD
16-11	0530	Copeland	30 chr EAM QT3735 C6QU6XTLI42MRZFZYNBONLEM
16-11	0534	Copeland	30 chr EAM QTEIUE 6S7KYX2UH3BKMMQHVUIXSCE7
16-11	0537	Copeland	30 chr EAM QT3735 C6QU6XTLI42MRZFZYNBONLEM
16-11	0542	Copeland	30 chr EAM QTVNH6 BCUQQB5GXBQ6F7H3JML43ZCV
16-11	0544	Copeland	30 chr EAM QT3735 C6QU6XTLI42MRZFZYNBONLEM
16-11	0547	Copeland	30 chr EAM QTPDRN TZRQHO6IO7MIGMHZ7ZZS7IMD
16-11	0549	Copeland	30 chr EAM QTHWKV 34XKGIWHAYZMCIWCGBDTHJYC
16-11	0600	Copeland	30 chr EAM QTVNH6 BCUQQB5GXBQ6F7H3JML43ZCV
16-11	0602	Copeland	30 chr EAM QTEIUE 6S7KYX2UH3BKMMQHVUIXSCE7
16-11	0605	Copeland	30 chr EAM QT2ZO7 7LEKKWC2OGQ4YYAO2A2FPTX
16-11	0607	Copeland	30 chr EAM QT3735 C6QU6XTLI42MRZFZYNBONLEM
16-11	1633	Copeland	30 chr EAM QTKZ36 VTZMG4C2P2AP7W7U3MBI67RA

16-11	1714	Copeland	30 chr EAM QT FATZ AHJQWKQPZGEILPC55PLGE6M7
16-11	2133	Copeland	30 chr EAM QT4JPQ Y2HFL3L6L2HVF AKV7TERYN4P
16-11	2314	Copeland	30 chr EAM QT2QX2 SEACULT6N5LRQ33PKQXEG6VK
16-11	2319	Copeland	30 chr EAM QTRZSP NXC5WAI7F6V6CYVFRYTHCM6E
16-11	2322	Copeland	30 chr EAM QTLJ5P WU6EJNXIGE QICVAUV257DKPS
16-11	2330	Copeland	30 chr EAM QTLJ5P WU6EJNXIGE QICVAUV257DKPS
16-11	2333	Copeland	30 chr EAM QTRZSP NXC5WAI7F6V6CYVFRYTHCM6E
17-11	0000	Copeland	30 chr EAM QTGI AK QBRQM7PYPZ I7SMHMGZKFNZTS
17-11	0014	Woodwork	30 chr EAM QTGI AK QBRQM7PYPZ I7SMHMGZKFNZTS
17-11	0016	Woodwork	30 chr EAM QTLJ5P WU6EJNXIGE QICVAUV257DKPS
17-11	0018	Woodwork	30 chr EAM QTRZSP NXC5WAI7F6V6CYVFRYTHCM6E
17-11	1125	Woodwork	246 chr EAM VF2Y53 73ZQSXM4L2IYZHOX4OAYOLZ4LDRJ633BWWPAAAACG3EZ FZ7TZGJKK3UJKQQQQW6EUMXLS SDRPYYHUJZZZZFYER7BKE7W4XSSS2KHHHHHQI2MWEMSATLLXJPXJTRBD3FZZZJYAGIEIAOO OORS6CKFDBDZRLNDPHQ4444NOXXTIVBPTYQ5WEQQVSSSSAJ6PCTFXFGPLU ZRXYQQQQ4A PZX45XXU2I4WY2IWI IIII7W6QC4G4C
17-11	1609	Woodwork	30 chr EAM GQNS7Y 6G3GTVZQN XK2JHIMMFDER2RU
17-11	1656	Woodwork	30 chr EAM GQIPF6 D4MIO34GNM5ZJZ3ERN6NHH63
17-11	1715	Woodwork	54 chr EAM GQT3UD O3455LVKVYRKQXZ2MBWPP3327V3R2RMYZLFG7V3P2ATJJKY
17-11	1720	Woodwork	54 chr EAM GQT3UD O3455LVKVYRKQXZ2MBWPP3327V3R2RMYZLFG7V3P2ATJJKY
17-11	2219	Woodwork	54 chr EAM GQGIQX HOLH3P2OP4LU62QBQCG4RJ3PHKVNIXTIEZXLHKVAY63IFMBJ
18-11	0101	Quantity	30 chr EAM GQL6WD 3PNYTC5HVFWC3DCNB73BX4Z5
18-11	1414	Quantity	38 chr EAM VFKXZV OSW6E4TKN6QC NZVUSJQS3FJBKB2E73QE
18-11	1605	Quantity	30 chr EAM for Husband GQ2HRF IBUWDOS4JFXA5ICGN5KFN RUH
18-11	1619	Quantity	30 chr EAM for Chelsey GQKUGH DIGC4GUKJNF2YGU6WLMFTXG4
18-11	1628	Quantity	30 chr EAM for Husband GQ4YLU 64QSATAZVFB6DWP AOQCPNEI7
18-11	1637	Quantity	30 chr EAM for Chelsey GQVU2H GUJ56ZKSTJ I7L4ZC67LS5MM3
18-11	1647	Quantity	30 chr EAM for Savoy GQBWAU IU YQIDNMUB6TL5MNDT62A6A7
18-11	1703	Quantity	30 chr EAM for Ankle GQC4CB TIYZYL35T3VXFHY6FL4XTC4Q
18-11	1734	Quantity	30 chr EAM for Chelsey GQGJJK NM3EZELJIVUOO PPS4ZI7VTK
18-11	1747	Quantity	30 chr EAM for Pook-4 GQKPJT E52ECGTEI4QNXVP33YZDBMHB
18-11	1757	Quantity	30 chr EAM for Chelsey GQML6H VXJHWDXZWH7YQ6GT3NZCAUFM
18-11	1807	Quantity	30 chr EAM for Savoy GQIDNM PDGKCB6QQBZ3U2H6VWD2SIBK
18-11	1817	Quantity	30 chr EAM QTNC6A YQPKVDG4SDVM4XCBYMIFX4U5
18-11	1909	Quantity	30 chr EAM for Husband GQKVOT GZMJLNMTEKJFR6ENQ6NQA HMS
18-11	1921	Quantity	30 chr EAM for Husband GQS7V4 7OGVASMDZXKJ4DFJMNQA67PH
18-11	1935	Quantity	30 chr EAM for Husband GQ7QIR UPPJWQA2VJP7ZMGVQ5UQPUTF
18-11	2033	Quantity	30 chr EAM for Work Force GQDAFU LYKQE4Q3MNN3QXH3GNYI625C
18-11	2042	Quantity	30 chr EAM for Chelsea GQCKFN 7AUBB2BYLROFCQMDMXQV3TNU
18-11	2103	Quantity	30 chr EAM for Golden Pin GQLRWU JCO6EZ2YX2JK376XLHE72F5Y
18-11	2106	Quantity	30 chr EAM QTHXOC D2ZBKVSLUA7I4CH46V65HVDU
18-11	2116	Quantity	30 chr EAM QTOVXT C72FEU6H7SLF57PUYYL3CYB6
18-11	2130	Quantity	30 chr EAM QTHXOC D2ZBKVSLUA7I4CH46V65HVDU
18-11	2149	Quantity	30 chr EAM for Husband GQRY YQ ETUUBYA5APWPPHGOIAA3YWEV
18-11	2200	Quantity	30 chr EAM QTHXOC D2ZBKVSLUA7I4CH46V65HVDU
18-11	2208	Quantity	30 chr EAM for Husband GQ5QWL G35LUPLKOSDR3KZBSCO36HIY
18-11	2232	Quantity	30 chr EAM QTW2RE USPARXCTKO3QYTTRM2QBLRVI
19-11	0027	Ringbone	30 chr EAM GQZXYI 3KQDUARHOEQDIGO4ROJW TJEF
19-11	0032	Ringbone	30 chr EAM QT3MVT VVJPA7BXDFVO6TGBK4VQ7PY
19-11	0041	Ringbone	30 chr EAM QTWSC4 VF3HWABISAQRFD256U3AJFCZ
19-11	0107	Ringbone	30 chr EAM QT2TRQ VGTCTCIQADVB B3IPFYQC2DP
19-11	0234	Ringbone	30 chr EAM QTD5DP NA2U267NY3W7P2MR6PZH5EXI
19-11	1350	Ringbone	30 chr EAM for Heavy Anchor GQGPXX NZFX5GPU4PFJIHH6JNXCP RVB
19-11	1402	Ringbone	30 chr EAM for Heavy Anchor GQ6LZI 7T5TPYAIQSSZWMAJ6Q7VYQOR
19-11	1600	Ringbone	30 chr EAM QTSMPF P6SY4CDBLUYGTZA5I5O27YZS
19-11	1603	Ringbone	30 chr EAM QT2ELD ZVIPEVOY3H6UVGPMZZ4A2XCE
19-11	1606	Ringbone	30 chr EAM QTSMPF P6SY4CDBLUYGTZA5I5O27YZS
19-11	1609	Ringbone	30 chr EAM QTIPQ6 IKPO6ZD37XC7XOVELE6WQPDA
19-11	1614	Ringbone	52 chr EAM GQQWLX ZIUMDFAWOD64Y7CLDARJNN2TUNZUZICLDURNJ26TBOHPP3
19-11	1618	Ringbone	30 chr EAM QTCFC4 NDUA4FRA4VJWJVCVAK4YBRDV
19-11	1623	Ringbone	30 chr EAM GQHH2B ATJAQOX2ITNNIGQAZFGXGHMO
19-11	1638	Ringbone	30 chr EAM QT4E7U X7HZF5WUJ3RISF2ZIE24ZCIM

19-11	1642	Ringbone	30 chr EAM QTMKMG ANWKWJ7XDQVQJRV4FSZFVMI
19-11	1653	Ringbone	30 chr EAM GQSLTL 3G7YPZPTYW4GKYQFHKVMVI
19-11	1658	Ringbone	30 chr EAM QTDJ3R N4AFRO623U4L7BUUNZTUI524
19-11	1715	Ringbone	30 chr EAM QTO6GZ BWZL3SPVO424OBMW4RWQH4EY
19-11	1922	Ringbone	30 chr EAM for Heavy Anchor GQJFNZ JCWKYQR5MYFJ6LN65RODQFMY
19-11	1936	Ringbone	30 chr EAM for Heavy Anchor GQLOYD H5QF7SQ2FWPNFYBC5FHMGBED
19-11	2033	Ringbone	30 chr EAM for Choco-12 GQPWI5 JM2PRFDVYHGKJSPFAEYM74H
19-11	2033	Ringbone	30 chr EAM for Choco-12 GQYBZU ISQ53X5VPMUSQF7PQ4YRBIFL
19-11	2058	Ringbone	30 chr EAM QTCZWB YOHYFKADPZDYXX6FQLNL4PJD
19-11	2108	Ringbone	30 chr EAM QT5RP7 CZB6PIMJQJ4OMBA3VTYSZUM
19-11	2133	Ringbone	30 chr EAM QTPNLS CVIHX3TT6BT6HWVDXIUGW2J6
19-11	2136	Ringbone	30 chr EAM QTG6QZ TYCA2WKRZXPZQQB4CGQZEG2B
19-11	2139	Ringbone	30 chr EAM for Heavy Anchor GQ3LXJ 7TELE4FDX4O3XBRZO5WITMXT
19-11	2141	Ringbone	30 chr EAM QTMB2I ZEDDOTL37LD4FKNQPZ6KM7WP
20-11	0540	Ski Boot	30 chr EAM NI42Z2 6PJTGZDJ6ZE4K4X4KTSWDPX
20-11	0546	Ski Boot	30 chr EAM NI42Z2 6PJTGZDJ6ZE4K4X4KTSWDPX
20-11	0600	Ski Boot	30 chr EAM NI42Z2 6PJTGZDJ6ZE4K4X4KTSWDPX
20-11	0607	Ski Boot	30 chr EAM NI42Z2 6PJTGZDJ6ZE4K4X4KTSWDPX
20-11	0630	Ski Boot	30 chr EAM NI42Z2 6PJTGZDJ6ZE4K4X4KTSWDPX
20-11	0633	Ski Boot	30 chr EAM NI42Z2 6PJTGZDJ6ZE4K4X4KTSWDPX
20-11	0637	Ski Boot	30 chr EAM NI42Z2 6PJTGZDJ6ZE4K4X4KTSWDPX
20-11	0650	Ski Boot	30 chr EAM N1XMN3 7W7DUORV5PFASNNRJUMKBZDY
20-11	0700	Ski Boot	30 chr EAM NIGC2O 4CUQL3NIB33TFWEG42ZS6B7V
20-11	0704	Ski Boot	30 chr EAM NIGC2O 4CUQL3NIB33TFWEG42ZS6B7V
20-11	0707	Ski Boot	30 chr EAM N1XMN3 7W7DUORV5PFASNNRJUMKBZDY
20-11	0710	Ski Boot	30 chr EAM NI42Z2 6PJTGZDJ6ZE4K4X4KTSWDPX
20-11	1134	Ski Boot	37 chr EAM R3NEGJ DF4LQFNUVLESEWKHKICMDKMTSK7LYJZ
20-11	1507	Ski Boot	30 chr EAM for Heavy Anchor R3QBX2 NO7KRSKDSOLDBPXY2TIDNRJ
20-11	1527	Ski Boot	30 chr EAM for Heavy Anchor R3ZQDC Q456GFBYR4KGCJLYG2R5ZBKT
20-11	1647	Ski Boot	30 chr EAM for Snappy Sam R3Y4CG P34FIC3ANEJOYTXDAPXQQQ7B
20-11	1747	Ski Boot	30 chr EAM for Myler-16 R3UGSJ ONKQVRKPCLBWBYIBZT7NQW42
20-11	1820	Ski Boot	30 chr EAM NIMBXO JIDHVWLQAJC3LVSIMWSI2FO3
20-11	1913	Ski Boot	30 chr EAM NIIBXR OG6XZ4UFHWFTMHPQDGIT6RMK
20-11	1928	Ski Boot	30 chr EAM NI4RRE 76LTVU5JGABG6WLNIBL3SCW5
20-11	2135	Ski Boot	30 chr EAM NILL6T FIGANWU4TI5GSI3ADUS34TK6
20-11	2209	Ski Boot	30 chr EAM NI4RRE 76LTVU5JGABG6WLNIBL3SCW5
21-11	0146	Sweetgum	36 chr EAM R3PXTD SARMHSLRHTK4G2SSNU6C6TS4W4KEZX
21-11	0211	Sweetgum	42 chr EAM R3GP7L LQALONEZNFTPPSQPHV3QPH2SRWPNKXYL57KS
21-11	1324	Sweetgum	30 chr EAM NVIYG3 LYEIWLYSCNU3NG7YDACY4KUB
21-11	1355	Sweetgum	30 chr EAM NIU2DG PRHIG2VQQAYJZ3UOLLYDWAMS
21-11	1359	Sweetgum	30 chr EAM NIXV7C PZX6Y64WRSFAEBGKH3PDYC3R
21-11	1402	Sweetgum	30 chr EAM NILFKD SVZ7RXPKEZVWSCUYVMNDSKC
21-11	1422	Sweetgum	30 chr EAM NILK2Q VTCTWIULUGWFWCY4F247IEN
21-11	1430	Sweetgum	30 chr EAM NILK2Q VTCTWIULUGWFWCY4F247IEN
21-11	1432	Sweetgum	30 chr EAM NILFKD SVZ7RXPKEZVWSCUYVMNDSKC
21-11	1434	Sweetgum	30 chr EAM NIXV7C PZX6Y64WRSFAEBGKH3PDYC3R
21-11	1439	Sweetgum	30 chr EAM NI7CCW OLLBAFLJFX7BB4SUAR273YFR
21-11	1442	Sweetgum	30 chr EAM NI6C7Q MJPLDXJ4AR77F3CZ72X5QLHO
21-11	1500	Sweetgum	30 chr EAM NI7CCW OLLBAFLJFX7BB4SUAR273YFR
21-11	1502	Sweetgum	30 chr EAM NILK2Q VTCTWIULUGWFWCY4F247IEN
21-11	2113	Sweetgum	30 chr EAM NIOATY OD2F6FQGNBYK7TQSQC3BPXVZ
21-11	2343	Sweetgum	30 chr EAM NIM24O WTNDGLLNGOU7XHYM6RJ5GAAJ
21-11	2345	Sweetgum	30 chr EAM NIADWY 7PM33XU2MUVJVBVPAIGFIJVL
22-11	0343	Meredith	37 chr EAM R343F4 X2AM4SIUTFN7QBNYGPAQYGGQ6WYFLAF
22-11	1703	Meredith	290 chr EAM VFEMPLW 4KEPGGJHHZDSZX3WXECYPBZBRELUYYHOVF7777LV4J7PIIXSFGGQAA3VVVV7BPV22CDCEG ITT6KREYYYYR3IPRRBHZC4TKKXWKKFFFFLNXX3YHTEZFOIIPQSP4444EVDCKMSH7SMWN3HR 3N TR57T5H5XESTEEN46666EHCS5NY7RALNHYNNZTTTTT43DGYMEJEAIBYOBLOLEEEEFWULQNEEG JSR6QSQTOOOOKYNHI2YDIN5YODU7URHHHHTZVO4LLSRRJ633BA6WAAAACGX7KI7IQ
22-11	1733	Meredith	30 chr EAM NIA2O4 DAUFKUTOTTZJFN26FU6NX4UL
22-11	1750	Meredith	290 chr EAM VF5UCW 6ZHP54LTCD4RMBXSBTIEZ7YOOOGJK3QYQKQQQQW6EUMBWLW3RPYQA2BJZZZF7YER76EP



			W74XSKBXXUHHHHQISBD3VMVFJYAGSB7SOOOORS6CKFDKKORSLNAQSN4444NOAIAR4RAD Z A2U7YU6DXTIVTATYQ5WQQG7SSSSAJ6PCTGFHUPLUZZLXN QQQQ4A PZX4JDJ524WIHWHIIII 7WOHAX GGUQP4QBE4EX2222XDEYZIREZ4LUYDVFVO7777LV4J7IIPYYSFGGA3FJVVVV7B2GTO GOI
22-11	1850	Meredith	290 chr EAM VFW4II BYJTXI6FS5O7BRY4RKT2E3ECDGITT6KERYYYR3IPRKAABB4TKKXWWCFFFLNXX33EWEYFOI IPQCY4444EVHRHHG7TUXESSNTNS6666EHCSOR57AYLNHHSCYSTTTT43VAJO32N4HPOCKECU M GYMAYTYIBYOBRRJEEEFWULQNBROEJSR6SSQTOOOOKYNHI2Y5Y65YODYUDUHHHHTZVOL J55DZJ63BQ6QWAAAACG3EZ7NAZFGJK36Q6MQQQW6EULMM3WWRPYQ2PAZZZZFYC3SL3LV
22-11	1903	Meredith	290 chr EAM VFW4II BYJTXI6FS5O7BRY4RKT2E3ECDGITT6KERYYYR3IPRKAABB4TKKXWWCFFFLNXX33EWEYFOI IPQCY4444EVHRHHG7TUXESSNTNS6666EHCSOR57AYLNHHSCYSTTTT43VAJO32N4HPOCKECU M GYMAYTYIBYOBRRJEEEFWULQNBROEJSR6SSQTOOOOKYNHI2Y5Y65YODYUDUHHHHTZVOL J55DZJ63BQ6QWAAAACG3EZ7NAZFGJK36Q6MQQQW6EULMM3WWRPYQ2PAZZZZFYC3SL3LV
22-11	1943	Meredith	30 chr EAM NIBE7A H3DSS4JZHDKYQXSTQLA3K2WF
22-11	2105	Meredith	30 chr EAM NIMYQ3 VLKNGNVTKTOCF4MXYQBFWRT
22-11	2236	Meredith	30 chr EAM NI55CN TACX74U6ES62BMGXRZ6MEHK7
22-11	2242	Meredith	30 chr EAM NIEP2K F6OBPFJRJK7G4R2TDK3QN2O
22-11	2309	Meredith	30 chr EAM NIG5S2 2372TAYB745TREMMUTOYXGF6
22-11	2313	Meredith	30 chr EAM NI2GWG H2V2DKPNNVAG4EMTYXTIH6QX
22-11	2316	Meredith	30 chr EAM NIT2NA LK2AXI3SC2AE57MVYUX7T3LP
22-11	2326	Meredith	30 chr EAM NIJIEL NIUURSOP123WEFU2A3GRI2JB
22-11	2329	Meredith	30 chr EAM NIJIEL NIUURSOP123WEFU2A3GRI2JB
22-11	2331	Meredith	30 chr EAM NI2GWG H2V2DKPNNVAG4EMTYXTIH6QX
22-11	2333	Meredith	30 chr EAM NIG5S2 2372TAYB745TREMMUTOYXGF6
23-11	0232	Property	30 chr EAM NIRWKQ VDTKQFPXGD2JWUAPGG3TZL7Y
23-11	1338	Property	120 chr EAM VF6JZC QS44TRNP7UVNXLFSZO6BR7EWBE74UTUKBBGHHHHBISBDFV3YFJ7S7GYGEOOOOVS6CKDND NORHAHNALO44443IXXTVPAPPYVGV5FQVSSSSKJIM43MYC
23-11	1524	Property	30 chr EAM NIICVJ AFCDHVQVMRNYM765VYRDWK2U
23-11	1528	Property	30 chr EAM NILHW4 A7ISJINCJILCC6RLBKFJZUS
23-11	1531	Property	30 chr EAM NILHW4 A7ISJINCJILCC6RLBKFJZUS
23-11	1533	Property	30 chr EAM NIICVJ AFCDHVQVMRNYM765VYRDWK2U
23-11	1537	Property	30 chr EAM NISTP7 PIZWZ26PSZ3GWHSDTUEG6KY4
23-11	1605	Property	30 chr EAM NI5YBP QDUHCY5LPWCCEL4HIXJQUYLF
23-11	1633	Property	30 chr EAM NIIGAY KFPY3PMWIFPCB76BRKCABOGI
23-11	1703	Property	30 chr EAM NIUAXN CKYZ2LYKOWJY4DMZ4XH35KTQ
23-11	1802	Property	120 chr EAM VFJHTB Q6WTGBVG2CRU4FYQCS57PCUGUFFPXLRYNUZQQQQ4TPZXJJ4EU2HIZI54ZIIII7WOHAGYB ZAPE434BXE2222X5EYRUEPZLVUBUBHY7777LV7TUD7K2U
23-11	2026	Property	30 chr EAM NITB3U IL5OIFHLT4H2C5C5ZBE3B6UN
23-11	2100	Property	30 chr EAM NITB3U IL5OIFHLT4H2C5C5ZBE3B6UN
23-11	2106	Property	54 chr EAM R36OLW BZ6G476OHMD44VPPED7PP2DXXXFNHG3PK4Y3XXJNHCWJDXYB
23-11	2125	Property	30 chr EAM NINTFS PHE5OCH2SN3IY3ODH3PO5GHZ
23-11	2128	Property	30 chr EAM NIGRLR 25KDVT732AVFQW3QCUL6D7RC
23-11	2131	Property	30 chr EAM NIGRLR 25KDVT732AVFQW3QCUL6D7RC
23-11	2134	Property	30 chr EAM NI2I2W ZI2JYKX6OTNVNA7HDD5JVHPF
23-11	2137	Property	30 chr EAM NINTFS PHE5OCH2SN3IY3ODH3PO5GHZ
23-11	2140	Property	30 chr EAM NIGRLR 25KDVT732AVFQW3QCUL6D7RC
23-11	2143	Property	30 chr EAM NITB3U IL5OIFHLT4H2C5C5ZBE3B6UN
23-11	2145	Property	30 chr EAM NIH3W7 P3AFNE4GJSOV2B2NSRUM4GDA
23-11	2303	Property	30 chr EAM NI2AAQ OVPTLH23LTSLGZMRYIPLFOE4
24-11	0125	Poolhall	41 chr EAM R37GUO 67OVJSJXKFKL55CDNYSWN3223NCBMXA14XR
24-11	0135	Poolhall	30 chr EAM R34OOL P6KKI74NBKHG7KBQ3SFVOQOX
24-11	0155	Poolhall	30 chr EAM NILQHN D2SEIOMDQCJSWQJCFXBC7NES
24-11	0201	Poolhall	30 chr EAM NII7YU DZDOJRBT4YL5H4JPM5TF7IKA
24-11	0217	Poolhall	30 chr EAM R3AYCA VZVGWE67ST36E62OQWCL2RCB
24-11	0221	Poolhall	30 chr EAM NI7YJA SZCQL67VFTIHUKZEQRXWNGT2
24-11	0233	Poolhall	30 chr EAM NIWUPI 3JTLH4L32XDQHK4GJJ4ZNCQI
24-11	0812	Poolhall	37 chr EAM R3DEAI P7MJILK5BXKUDI7ITWPBYPQVP25AIDR
24-11	1023	Poolhall	30 chr EAM NIFFCE A35P7HQ33OFFPX42YWTEK27H
24-11	1349	Poolhall	30 chr EAM NIZUX2 KF2AYVI3X3PU6AJHYQEZRXS

24-11	2129	Poolhall	30 chr EAM R3SL7Z 2FX54B6ZHAE3G6URGH42OIDI
25-11	1426	Mangrove	30 chr EAM NI5UCV 3OGOW2VAK6DJ7JVKGLI2UFCE
25-11	1746	Mangrove	30 chr EAM for Put-46 R3ZFBJ CLBB4H2BCYATDGB3HFC5WORG
25-11	1816	Mangrove	30 chr EAM NIL4ZK KQNM2UHQJ7SU6XD27NYU475Z
25-11	2033	Mangrove	30 chr EAM for Gasp-46 R3YMMF 7MYCCDPW4W5HJI2DKVEQGPT5
25-11	2232	Mangrove	30 chr EAM NIT7CJ MVDKJGFYTGCVKZ2FLUPZTQ6I
26-11	0137	Abundant	30 chr EAM for Best Brown? R3R4Z7 ZJDWNL4XNIL5CIQ3FFDL6UB
26-11	0151	Abundant	37 chr EAM R3TZZQ X6UXOVKH7GG7L3FBTY2TX5UFXWVR5JK
26-11	0232	Abundant	30 chr EAM NITCJQ VAQBBNMTTDBUSQHETJ7SYXUA
26-11	0235	Abundant	36 chr EAM R3C3YR SQZLRJTCWEFEOQYKY32IEFJNOL44ZI
26-11	0253	Abundant	52 chr EAM R32RR3 BP3WSWXV77SD77PO36XHL6COG7E17KGNS4POD6XHL76FKVADQ7K7ASJ
26-11	0325	Abundant	30 chr EAM NI7FTX 6K4LH4LVOPTGXOTWLZJLGF2C
27-11	0232	Safe Call	30 chr EAM NIWFM3 TPY2OS2GG66HAYLNOC4JLMSZ
27-11	2132	Safe Call	30 chr EAM NI2HJT TE6EPUHFIWSVN6G66DWMPQS
27-11	2138	Safe Call	30 chr EAM NIMHEH PPW2MJFTLXEIPEWWISX2I4GU
27-11	2141	Safe Call	30 chr EAM NI5WRG IZFVELOUAVN7NBZ2QRNQP7VH
27-11	2148	Safe Call	30 chr EAM NI3ALP OXHLAHN6SNDP7ZJSXGLPHN4M
27-11	2159	Safe Call	30 chr EAM NI3ALP OXHLAHN6SNDP7ZJSXGLPHN4M
27-11	2202	Safe Call	30 chr EAM NI5WRG IZFVELOUAVN7NBZ2QRNQP7VH
27-11	2206	Safe Call	30 chr EAM NI3ALP OXHLAHN6SNDP7ZJSXGLPHN4M
27-11	2209	Safe Call	30 chr EAM NI5WRG IZFVELOUAVN7NBZ2QRNQP7VH
27-11	2212	Safe Call	30 chr EAM NIBJM3 TGVHTLFPZC3EO2ZVKGY5JKN2
27-11	2215	Safe Call	30 chr EAM NIGYU6 7RCAC2KRZHWXQPHEVNRQY03I
27-11	2217	Safe Call	30 chr EAM NIMHEH PPW2MJFTLXEIPEWWISX2I4GU
27-11	2306	Safe Call	30 chr EAM NIQUXG ZATHATQ4UZBNNCDLAAAHMYCK
28-11	1750	Bag Money	30 chr EAM for Kojak-64 R3GJBZ V2G6NCNJ3IOI57QO6E55TNTD
28-11	2135	Bag Money	30 chr EAM NIITFX S3B3SO7HDZWVPS5AUAKHI3LC
28-11	2207	Bag Money	30 chr EAM NI443W J3R3GV73Q3UUUWODALFYAOJB
28-11	2229	Bag Money	30 chr EAM NI6XTC WZWPMVVS7FUQ2IS2YEZRHO5
28-11	2232	Bag Money	30 chr EAM NIM5Y6 J3HFH2PIQZ7JSPBZ24QUGNE
28-11	2235	Bag Money	30 chr EAM NI443W J3R3GV73Q3UUUWODALFYAOJB
28-11	2341	Bag Money	30 chr EAM NI4UKM 42U3E7TOKZ7IVCZS5BYAZBPT
29-11	2252	Roll Pack	30 chr EAM NITHNG VLOJEZS4OHEQQNIEPQNBQI3E
29-11	2255	Roll Pack	30 chr EAM NITHNG VLOJEZS4OHEQQNIEPQNBQI3E
30-11	0432	Rare Bird	30 chr EAM NIRXN2 5YQTZYLI3IZRVSLFTEUB7D6C

## RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, JPL, and Gwr.

### Strategic messages

5171 kHz, 29-10, 1532 UTC	XXX XXX 1BP3 1BP3 67370 NEGNUSchIJSYa 2768 2988 K
5017 kHz, 11-11, 1406 UTC	XXX XXX WEGI WEGI 38650 KLYKOMEL 6761 6496 K (leads to XXX WEGI 5LG radiogram on same freq)
5017 kHz, 11-11, 1418 UTC	XXX WEGI 5LG radiogram, response to above monolit
14411 kHz, 12-11, 1213 UTC	XXX XXX XB2M XB2M 74099 76275 SUDODVUT 2680 6536 K
14411 kHz, 12-11, 1219 UTC	XXX XXX RDL RDL 93314 59978 SEJFODON 6841 1278 K
14411 kHz, 12-11, 1416 UTC	XXX XXX WEGI WEGI 92913 76759 TWINOWEST 6170 7393 OAGOGGRAC 0029 3110 K
14411 kHz, 12-11, 1427 UTC	XXX XXX RDL RDL 31808 74668 TALIJ 5833 5530 K
14411 kHz, 12-11, 1440 UTC	XXX XXX WEGI WEGI 61598 9AW609 UTOLSHEHS 7110 2765 SNEG 0424 2529 K
5759 kHz, 16-11, 1106 UTC	XXX XXX VN6B VN6B 39288 BURShchIK 3171 3071 K
19120 kHz, 16-11, 1144 UTC	XXX XXX WEGI WEGI 82333 03624 RYKANIE 00795243 STARODAWNII 9830 3836 K
4582 kHz, 19-11, 1310 UTC	XXX XXX ANVF ANVF 53563 ZEMLEVED 4097 5573 K
5759 kHz, 20-11, 1020 UTC	XXX XXX WEGI WEGI 90174 UChETOSchchUP 9088 6489 K
5386 kHz, 20-11, 1022 UTC	XXX XXX WEGI WEGI 90174 UChETOSchchUP 9088 6489 K //5457 kHz
5457 kHz, 20-11, 1022 UTC	XXX XXX WEGI WEGI 90174 UChETOSchchUP 9088 6489 K //5386 kHz
5779 kHz, 20-11, 1020 UTC	XXX XXX ANVF ANVF 48532 AKROShPON 4223 7856 K
5386 kHz, 20-11, 1028 UTC	XXX XXX WEGI WEGI 81259 TMINOCENT 2379 9320 K //5386 kHz
5457 kHz, 20-11, 1028 UTC	XXX XXX WEGI WEGI 81259 TMINOCENT 2379 9320 K //5457 kHz

5526 kHz, 20-11, 1032 UTC	XXX XXX WEGI WEGI 72951 SUWOROWSKIJ 6164 5591 POWETR'E 7160 3924 K
4798 kHz, 20-11, 1033 UTC	XXX XXX WEGI WEGI 77035 TMINOCENT 2379 9320 K //4861, 5386, 5457, 5759 kHz
4861 kHz, 20-11, 1033 UTC	XXX XXX WEGI WEGI 77035 TMINOCENT 2379 9320 K //4798, 5386, 5457, 5759 kHz
5386 kHz, 20-11, 1033 UTC	XXX XXX WEGI WEGI 77035 TMINOCENT 2379 9320 K //4798, 4861, 5457, 5759 kHz
5457 kHz, 20-11, 1033 UTC	XXX XXX WEGI WEGI 77035 TMINOCENT 2379 9320 K //4798, 4861, 5386, 5759 kHz
5759 kHz, 20-11, 1033 UTC	XXX XXX WEGI WEGI 77035 TMINOCENT 2379 9320 K //4798, 4861, 5386, 5457 kHz
5759 kHz, 20-11, 1039 UTC	XXX XXX WEGI WEGI 72951 SUWOROWSKIJ 6164 5591 K
4861 kHz, 20-11, 1046 UTC	XXX XXX N1DX N1DX F2ET F2ET 86717 71146 ZUEKOSROK 8691 3976 TASSOWEND 8802 6944 K
5759 kHz, 20-11, 1051 UTC	XXX XXX 1ShchRF 1ShchRF 04650 PISAKA 0302 8994 K
5386 kHz, 20-11, 1054 UTC	XXX XXX WEGI WEGI 80031 STROGANIE 7149 0140 RISKOKRAJ 2890 5779 K
5386 kHz, 20-11, 1122 UTC	XXX XXX WEGI WEGI 97098 ZhEZLOFLOT 5636 4540 K //5457 kHz
5457 kHz, 20-11, 1122 UTC	XXX XXX WEGI WEGI 97098 ZhEZLOFLOT 5636 4540 K //5386 kHz
5759 kHz, 20-11, 1125 UTC	XXX XXX WEGI WEGI 36796 OBANRUZhEN'E 8126 2638 K
5779 kHz, 20-11, 1131 UTC	XXX XXX ANVF ANVF 91242 GIPSOSTYK 5554 1730 K
5457 kHz, 20-11, 1134 UTC	XXX XXX N1DX N1DX 91885 TENTOGOD 4700 9117 K
4831 kHz, 20-11, 1136 UTC	XXX XXX P3HC P3HC 60943 PORTATIWNJY 4649 5877 K
4595 kHz, 20-11, 1139 UTC	XXX XXX DMSB DMSB 83295 PEChORSKIJ 9028 4314 K
5373 kHz, 20-11, 1229 UTC	XXX XXX ONG4 ONG4 10498 BESHONJY 7250 5017 K
4861 kHz, 20-11, 1249 UTC	XXX XXX WEGI WEGI 50360 OPPONETKA 8314 3725 K //5381, 5457 kHz
5381 kHz, 20-11, 1249 UTC	XXX XXX WEGI WEGI 50360 OPPONETKA 8314 3725 K //4861, 5457 kHz
5457 kHz, 20-11, 1249 UTC	XXX XXX WEGI WEGI 50360 OPPONETKA 8314 3725 K //4861, 5381 kHz
8544 kHz, 24-11, 1030 UTC	i.p. AP'TIMETR 5612 6481 K
5373 kHz, 24-11, 1223 UTC	XXX XXX ONG4 ONG4 89657 BRUSOSTER 1863 5848 K
5456.5 kHz, 27-11, 0934 UTC	XXX XXX WEGI WEGI 75236 DISSERTACIYa 5221 3813 K
5456.5 kHz, 27-11, 0947 UTC	XXX XXX WEGI WEGI 33758 PRELESTNYJ 2893 9087 K
5456.5 kHz, 27-11, 0953 UTC	XXX XXX WEGI WEGI 00528 FABRIKAT 6169 8319 PROYaWLEN'E 8737 7120 K
5456.5 kHz, 27-11, 1012 UTC	XXX XXX WEGI WEGI 99972 KLOPOSLOJ 7108 9379 KLOPOTUZ 1903 0596 K
5456.5 kHz, 27-11, 1018 UTC	XXX XXX 1HSF 1HSF C1OB C1OB JFB5 JFB5 IA6N IA6N F2ET F2ET 34470 23562 76548
	WYRUBANIE 3557 4742 K
5456.5 kHz, 27-11, 1029 UTC	XXX XXX WEGI WEGI 98448 AEhROSNNIMOR 5991 5609 K
5456.5 kHz, 27-11, 1034 UTC	XXX XXX WEGI WEGI ???63 TUNGOKRYM 8163 4313 K
5456.5 kHz, 27-11, 1039 UTC	XXX XXX S'T4 S'T4 IA6N IA6N F2ET F2ET 75463 48816 68591 ROJ 9637 7605 K
5456.5 kHz, 27-11, 1145 UTC	XXX XXX WEGI WEGI 25619 SPINOFUT 8354 1828 K
5456.5 kHz, 27-11, 1214 UTC	XXX XXX WEGI WEGI 94731 FLEROPIR 7335 8423 K

Monolith stations

Russian Western Military District

Code	Freq	Date	UTC	Day	Details
---	4310	29-10	1502	Thu	Goose: Vozduh Ohvat-98 38662 VYYeZD 9623 2121
S28	4625	19-11	1308	Thu	ANVF 53563 ZYeMLYeVYeD 4097 5573
M32	4582	19-11	1310	Thu	XXX XXX ANVF ANVF 53563 ZEMLEVED 4097 5573 K
M32	5779	20-11	1020	Fri	XXX XXX ANVF ANVF 48532 AKROShPON 4223 7856 K
S28	4625	20-11	1025	Fri	ANVF 48532 AKROShPON 4223 7856
S28	4625	20-11	1042	Fri	ANVF 76462 GROShOPLYaZh 4564 1608 BRATISLAVA 4892 5362
M32	5779	20-11	1044	Fri	XXX XXX ANVF 76462 GROShOPLYaZh 4564 1608 BRATISLAVA 4892 5362 K (S28 morse channel)
M32	5779	20-11	1113	Fri	XXX XXX ANVF ANVF 99185 RADRONAST 8138 2860 EROChNYJ 9384 6823 K (S28 morse channel)
S28	4625	20-11	1113	Fri	ANVF ANVF 99185 RADRONAST 8138 2860 EROChNYJ 9384 6823
M32	5779	20-11	1116	Fri	XXX XXX ANVF ANVF 74704 AMPER 9114 0297 K (S28 morse channel)
S28	4625	20-11	1116	Fri	ANVF ANVF 74704 AMPER 9114 0297
M32	5779	20-11	1131	Fri	XXX XXX ANVF ANVF 91242 GIPSOSTYK 5554 1730 K
S28	4625	20-11	1137	Fri	ANVF 10282 AFONOKON 2765 3413
S28	4625	20-11	1138	Fri	ANVF 64250 BOSSOBUK 3449 5582
M32	4595	20-11	1139	Fri	XXX XXX DMSB DMSB 83295 PEChORSKIJ 9028 4314 K
---	5780	23-11	1250	Mon	Central station Iskra-32. Belongs to the buzzer hub
M32	5779	26-11	1213	Thu	ZMR ZzhG ZAJ ZMY ZZhK ZY' ZMJ ZZHa ZHG ShchYT4 K (S28 morse cw channel. ShchYT4 refers to AT modem use)
S28	4625	27-11	0942	Fri	ANVF 28368 GUSTOVATYJ 0216 5516
M32	5779	27-11	0957	Fri	XXX XXX ANVF ANVF 80046 AL'PINIZM 9089 7725 K (S28 morse channel)

<b>M32</b>	5779	27-11	1000	Fri	XXX XXX ANVF ANVF 60433 BAKODOG 5631 3486 KANADSKIJ 8445 9873 K (S28 morse channel)
<b>S28</b>	4625	27-11	1023	Fri	ANVF 69982 VOLOTOR 9618 1994
<b>S28</b>	4625	27-11	1037	Fri	ANVF 86404 GIDROLOG 5029 0844
<b>M32</b>	5456.5	27-11	1039	Fri	XXX XXX S'T4 S'T4 IA6N IA6N F2ET F2ET 75463 48816 68591 ROJ 9637 7605 K
<b>S28</b>	4625	27-11	1045	Fri	ANVF 29534 ARYKOChAYeK 3365 8041
<b>S28</b>	4625	27-11	1222	Fri	ANVF 17492 ZYeVA 6995 1729

<https://priyom.org/media/253481/iskra32-5780usb-20201123-1250z-check-bygwraspe.ogg>

#### Russian Southern Military District

Code	Freq	Date	UTC	Day	Details
<b>S30</b>	5448	29-10	1444	Thu	8S1Shch 16397 BYeZhYeNKA 4759 2678 //6922 kHz
<b>S30</b>	6822	29-10	1444	Thu	8S1Shch 16397 BYeZhYeNKA 4759 2678 //5448 kHz
<b>S32</b>	5473	29-10	1447	Thu	Al'fa-45 25410 VYeST' 0544 0324
---	4940	29-10	1448	Thu	Tros-28 ya Baron-78 - Baklan: 27764 GANZA 3412 8850
---	5372	29-10	1507	Thu	N'ZhJ 56206 ZANOSHeNNYJ 7133 3735
<b>S30</b>	5448	29-10	1515	Thu	8S1Shch 95967 GROTYeSKOVYJ 0876 9108 (audible as cw in background of Baron-78 on 4940 kHz)
---	5372	29-10	1518	Thu	N'ZhJ 51980 LIDSOZIAK 9584 2133
<b>S30</b>	5448	29-10	1520	Thu	8S1Shch YaLOHOR 109
<b>S32</b>	3828	29-10	1523	Thu	Al'fa-45 67994 KRIZOFYeTR 4827 0789
<b>S32</b>	5473	29-10	1525	Thu	Al'fa-45 YaLOHOR 109
<b>S32</b>	5473	12-11	1235	Thu	Pesochnyj-21 Shuler-60 Stupa-32 Sliva-94 Utes-94 Dzhigit-46 Fontan-34 Alyeut-09
<b>S30</b>	5448	16-11	1100	Mon	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251
<b>S32</b>	5473	16-11	1104	Mon	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251
<b>S30</b>	5448	16-11	1110	Mon	ZhSK4 HZ5T 5FSShch A3PS 8MUO TUZR 5J7Shch DMC3 49FT C2ZA
<b>S30</b>	5448	16-11	1136	Mon	8S1Shch 07450 OBYeTOChOH 6227 5183 BOMBOVOZ 4290 5245
<b>S32</b>	5473	16-11	1140	Mon	Al'fa-45 23765 KRATOChUM 8668 5481 MALOMYeRKA 2476 2547
<b>S30</b>	5448	17-11	1143	Tue	8S1Shch 34558 BEhROKNUT 945 829 (irregular format, 3fig follow groups instead of 4fig)
<b>S32</b>	5473	17-11	1310	Tue	Penza-07 Yahta-94 Serna-85 Stupa-32 Dzhigit-46 Landysh-74 Storozh-62 Kovboj-39
---	5780	19-11	1250	Thu	Serna-84 to Minuta-44: ZUP ZZhM ZNR Grom 08 Variant 1
<b>S30</b>	5448	19-11	1308	Thu	8S1Shch 88931 ZhLOBOZOV 5171 7804
<b>S32</b>	5437	19-11	1312	Thu	Al'fa-45 49317 ZAGOVORShchITCA 9961 2861
<b>S30</b>	5448	20-11	0959	Fri	8S1Shch ShchITONARY 260
<b>S32</b>	5473	20-11	1002	Fri	Al'fa-45 ShchITONARY 260
<b>S30</b>	5448	20-11	1031	Fri	8S1Shch YaLOHOR 109
<b>S30</b>	5448	20-11	1031	Fri	8S1Shch 03192 DIYeNOVYJ 5620 5368
<b>S32</b>	5473	20-11	1034	Fri	Al'fa-45 84476 KUPYeChYeSK34 6424 3496
<b>S32</b>	5473	20-11	1035	Fri	Al'fa-45 YaLOHOR 109
<b>S30</b>	5448	20-11	1041	Fri	8S1Shch 00700 ANORTIT 3436 6069
<b>S30</b>	5448	20-11	1045	Fri	8S1Shch 76925 BAYaNOPLYuSh 4881 7224
<b>S32</b>	5473	20-11	1045	Fri	Al'fa-45 46339 BUYeKOZAGS 1534 1581
<b>S32</b>	5473	20-11	1049	Fri	Al'fa-45 67282 MIRTOKRASH 8979 4105
<b>S30</b>	5448	20-11	1103	Fri	8S1Shch 88156 DUBLYeN'Ye 6809 3932 MASLYeNICA 1019 2766
<b>S32</b>	5473	20-11	1107	Fri	Al'fa-45 36841 MARKSISTKA 5749 0017
<b>S30</b>	5448	20-11	1109	Fri	8S1Shch 63678 VAL'CYeVANIYe 0651 3819
<b>S32</b>	5473	20-11	1112	Fri	Al'fa-45 91591 BANKOSLOJ 8678 7656
<b>S30</b>	5448	20-11	1222	Fri	8S1Shch 99224 LYeSOVOZNYJ 2073 0339
<b>S32</b>	5473	20-11	1225	Fri	Al'fa-45 80367 OBSYPANIYe 1100 4579
<b>S30</b>	5448	20-11	1238	Fri	8S1Shch ChYeSTNOST' 251 SBYTOSYeV 212 YaLOHOR 209
<b>S32</b>	5473	20-11	1240	Fri	Al'fa-45 ChYeSTNOST' 251 SBYTOSYeV 212 YaLOHOR 209
<b>S30</b>	5448	20-11	1256	Fri	8S1Shch 88585 MYeZhYeVAL'NYJ 5940 6312
<b>S32</b>	5473	20-11	1300	Fri	Al'fa-45 76191 DYeZODARACIYa 6218 7227
<b>S30</b>	5448	20-11	1320	Fri	53OB 78MB DYeAY IH'J [sic] 12CI 79AT ShchT3O CIHS Z7PM S7ZhG- JH'J read incorrectly as IH'J - someone has crappy handwriting!!!
---	4940	20-11	1359	Fri	Tros-28 ya Baron-78 Proverka svyazi vremya 1700 priyom
---	5780	23-11	1250	Mon	Central station Iskra-32. Belongs to the buzzer hub
<b>S32</b>	5473	23-11	1345	Mon	Penza-07 Stazher-29 Zaslonka-27 Serna-85 Stupa-32 Dzhigit-46 Landysh-74 Storozh-62
<b>S30</b>	5448	24-11	1135	Tue	V'Z' NLCYe LI27 V2MZ SB7Z 'O6P 78VM 6I2Zh 8CSchJ 27Shch'



<b>S30</b>	5448	24-11	1210	Tue	8S1Shch 10520 MYeLOBYeJ 3797 9824 ZASHIFROVKA 6579 7692
<b>S32</b>	5473	24-11	1215	Tue	Al'fa-45 97015 BARDOFOT 9987 0220
---	4940	24-11	1216	Tue	Baron-78 transmission missed, "14 minut, priyom" of timestamp heard
---	5372	24-11	1232	Tue	N'ZhJ 34261 KNYaZhYeN'Ye 6445 8817
---	4940	26-11	1210	Thu	Bushlat-52 voice network check on 4940usb (Baron-78 channel)
<b>S30</b>	5448	26-11	1218	Thu	8S1Shch 15255 AMILODZhIP 8058 3985 LUCHYeNIYe 4151 5403
<b>S32</b>	5473	26-11	1221	Thu	Al'fa-45 64452 KLYuVOChAN 0872 3501
---	4940	26-11	1233	Thu	Tros-28 ya Baron-78, Baklan: 54507 KOLIK 1739 1934
---	5372	26-11	1238	Thu	N'ZhJ 21003 ISKOKLIR 6420 8089
<b>S30</b>	5448	26-11	1322	Thu	TShchShchs VKY1 HCLF 61HZh ZBIL L7O5 V'Z' NLCYe LI27 V2MZ
<b>S30</b>	5448	27-11	0941	Fri	8S1Shch 05097 ZAYeMOZAV 4929 0911
<b>S32</b>	5473	27-11	0944	Fri	Al'fa-45 16281 IZYuMOFARS 5560 5911
---	4940	27-11	0946	Fri	Tros-28 ya Baron-78 - Baklan: 20635 SOBRATSTVO 5874 2042
<b>S30</b>	5448	27-11	1000	Fri	8S1Shch 11311 MIMOShKYeT 1463 9919 KLINOK 9248 0538 KYeTchUP 3211 8911
<b>S32</b>	5473	27-11	1004	Fri	Al'fa-45 43403 GURTROTAT 3967 0669 NYeRAZ'YeMNYJ 5063 8603 OBSYeMYeNYeNIYe 6964 1222
<b>S30</b>	5448	27-11	1028	Fri	8S1Shch 46345 ZhUIROShVYeD 3445 1492 DYeNATURAT 3391 7085 AMPUTACIYa 5514 8536 (6922 kHz is the alternate voice freq for today)
<b>S32</b>	5473	27-11	1033	Fri	GORISPOLKOM 2498 2157 KRITOSMYV 0448 6758 ARAVITYaNKA 7198 3811
<b>S30</b>	5448	27-11	1044	Fri	8S1Shch 12110 NYeIMYeNIYe 2953 0736 VYSLUGA 6423 0272 BORTOGRAD 6643 1439
<b>S32</b>	5473	27-11	1048	Fri	Al'fa-45 86762 BOKOZhGUT 6284 1211 MASHYeROChKA 8497 7768 ZhILIShchYe 8286 2177
<b>S30</b>	5448	27-11	1207	Fri	8S1Shch 59444 VANODYeK 6236 2197
<b>S32</b>	5473	27-11	1211	Fri	Al'fa-45 10631 ZYuJDOLOR 0639 3344
---	4940	27-11	1213	Fri	Tros-28 ya Baron-78 - Baklan: 57911 PODPOL'NYJ 7161 2962
<b>S30</b>	5448	27-11	1219	Fri	8S1Shch 18078 LEhPOTLYeN 3127 4137
---	4940	27-11	1221	Fri	Bushlat-52 netchecking voice net
<b>S32</b>	5473	27-11	1224	Fri	Al'fa-45 85575 VINChYeSTYeR 1621 6102
---	4940	27-11	1330	Fri	Tros-28 ya Baron-78 - proverka svyazi, vremya 1630
<b>S30</b>	5448	27-11	1332	Fri	JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG Z'1B CI9V ZhSK4

## Russian military voice transmissions

### Russian Military voice traffic

5045 kHz, 29-10, 1415 UTC Znamya for Caplya - SIGNAL 1549

### Russian Navy voice traffic

Unid, possibly Russian navy. Logged by Gwrapse, who copied them often on this frequency between 090 and 1300 UTC.

### 4940.5 kHz, 11-11, 1238 UTC

8603 1300 8 47 4 19 1400 8 48 4 12 1500 8 52 4 15 1600 8 50 4 14 / 8601 1600 8 49 4 14 1200 kak prinyali?

### Russian Air Force voice traffic

#### Long Range Aviation

Limit is the Nov/Dec callsign for Saratov (Medyanka/Tablica/Katolik)

5635 kHz, 17-11, 1106 UTC 98885 to Limit: 928 187 129 242 171 757

5635 kHz, 17-11, 1108 UTC 57146 to Limit: 557 498 129 153 027

5635 kHz, 17-11, 1113 UTC 57146 to Limit: 557 498 129 153 024

5635 kHz, 17-11, 1113 UTC 57146 to Limit: Spasibo za vashu rabotuyu

5635 kHz, 19-11, 1150 UTC 98883 to Limit: 305 245 209

## Russian military morse transmissions

### M32 - Russian Military CW Stations

14411 kHz, 12-11, 1216 UTC	RDL RDL RDL 54496 04643 54496 04643 54496 04643 K
14411 kHz, 12-11, 1305 UTC	RDL RDL RDL 71675 59815 71675 59815 71675 59815 K
14411 kHz, 12-11, 1340 UTC	RDL RDL RDL 55677 95457 55677 95457 55677 95457 K
14411 kHz, 13-11, 1145 UTC	RDL RDL RDL 05014 20073 05014 20073 05014 20073 K
14411 kHz, 13-11, 1150 UTC	RDL RDL RDL 81802 95620 81802 95620 81802 95620 K
14411 kHz, 13-11, 1225 UTC	RDL RDL RDL 85635 46306 85635 46306 85635 46306 K
14411 kHz, 13-11, 1245 UTC	RDL RDL RDL 21356 28463 21356 28463 21356 28463 K
14411 kHz, 13-11, 1309 UTC	RDL RDL RDL 67010 21555 67010 21555 67010 21555 K
14411 kHz, 13-11, 1318 UTC	RDL RDL RDL 76480 08109 76480 08109 76480 08109 K
14411 kHz, 13-11, 1325 UTC	RDL RDL RDL 82872 29637 82872 29637 82872 29637 K
14411 kHz, 13-11, 1345 UTC	RDL RDL RDL 85836 22997 85836 22997 85836 22297 K
14411 kHz, 13-11, 1400 UTC	RDL RDL RDL 92657 33531 92657 33531 92657 33531 K
14411 kHz, 13-11, 1425 UTC	RDL RDL RDL 08730 21744 08730 21744 08730 21554 K
11468 kHz, 13-11, 1507 UTC	RDL RDL RDL 48869 64773 48869 64773 48869 64773 K
14411 kHz, 14-11, 1320 UTC	RDL RDL RDL 50381 94520 50381 94520 50381 94520 K
14411 kHz, 14-11, 1325 UTC	RDL RDL RDL 27416 00426 27416 00426 27416 00426 K
14411 kHz, 14-11, 1343 UTC	RDL RDL RDL 58578 61901 58578 61091 58578 61901 K
19120 kHz, 16-11, 1146 UTC	RDL RDL RDL 25867 96073 25867 96073 25867 96073 K
14411 kHz, 16-11, 1243 UTC	RDL RDL RDL 09948 65363 09948 65363 09948 65363 K

### M32a - Russian Navy

#### 9311kHz, 04-11, 0656 UTC, i.p.

RRV21 DE RBL88 ZSA3 ZMV 22 ZSW1 K.

RBL88 DE RRV21 OK ZSA2 ZTV 22 K.

RRV21 DE RBL88 CK

#### 7861 kHz, 15-11, 0301 UTC, i.p.

RAL2 DE RDU2 QSA 1 AA O ? K

ZNN VA

### M32c - Russian Air Force

5808 kHz, 26-11, 1220 UTC W marker repeated 6 times

5808 kHz, 26-11, 1320 UTC W marker repeated 6 times

### M32 - Russian Military T600 transmissions

#### 12610 kHz, 28-11, 0938 UTC, T600

Sync 1eb41eb2952

Session key: 1a 19 32 13 0d 46 2c 43 2a 1a 51 34 54 4a 16 0b 19 68 19 43 46 64 26 19 16 68

1a 1c 68 38 38 34 2c 58 16 58 46 43 07 62 70 23  
0b 23 2a 26 25 23 70 43 38 61 54 52 25 26 32 15  
61 68 4c 58 31 0d 25 64 38 64 61 64 1c 61 68 23  
4a 32 23 52 26 38 38 19 1a 38 0e 32 16 4c 19 46  
70 52 4c 4c 2a 15 43 07 68 43 1a 4c 68 2c 0d 07  
13 38 26 15 0b 1c 43 19 31 0b 31 61 54 31 38 2a  
4c 61 43 58 0b 0e 61 31 0e 1a 43 52 46 13 1c 0e  
70 46 52 32 64 38 2c 25 31 4c 13 62 61 51 2c 58  
07 68 51 23 2a 70 26 2a 38 0d 43 26 19 31 4a 2c  
64 43 54 46 68 2a 2a 0b 0e 0d 4a 1a 64 43 0d 13  
2c 31 70 43 0b 54 25 62 32 13 31 64 32 19 70 32  
0e 4a 46 52 0d 0e 52 64 0b 4c 15 4a 2c 4a 0e 64  
25 51 62 70 23 64 1a 26 1c 19 31 25 0e 26 38 2e  
32 19 0e 58 62 34 61 31 2a 1a 26 07 4a 43 0d 25  
51 52 2a 0b 07 19 34 13 46 0b 46 70 64 43 52 0e  
19 07 54 1c 70 46 64 26 61 58 46 61 31 38 2a 70  
68 32 15 61 07 62 58 0e 64 31 2a 32 43 15 38 2c  
0b 1c 70 1a 4a 52 07 64 19 19 13 4c 51 31 58 13  
54 25 54 54 43 34 23 52 16 52 26 31 32 34 68 23

2a 23 07 38 70 70 4c 16 64 1c 4c 68 26 38 64 32  
1c 0b 54 23 0b 32 4c 62 07 68 58 70 25 68 64 43  
64 43 38 70 64 58 26 16 25 32 07 61 16 60 2a 1a  
46 32 23 52 16 61 19 43 70 58 1a 26 0e 0d 51 07  
19 54 4a 32 58 68 58 68 52 23 52 31 16 1c 2c 1c  
15 23 0b 43 07 31 1c 32 68 4a 4a 1a 25 26 61 51  
64 0b 26 62 61 52 19 43 61 23 64 0d 2c 23 4a 26  
32 4a 23 2a 1c 23 2a 1c 23 0d 68 0e 0b 31 07 54  
1c 1a 70 58 54 0d 54 70 34 51 70 51 1c 23 15 31  
54 15 26 0d 15 4a 2c 54 58 54 31 61 2c 16 4c 0b  
54 0b 70 07 54 0d 54 13 61 0e 46 64 1a 4c 15 19  
1a 4a 19 46 38 25 19 0e 26 62 19 16 25 13 15 52  
1a 68 34 16 2a 19 13 52  
<EOM><EOM><EOM>

#### 12610 kHz, 28-11, 0940 UTC, T600

Sync 1eb41eb2952

Session key: 0b 25 31 07 68 4a 70 64 16 61 0d 62 25 4c 0e 54 32 15 1c 52 54 4a 23 58 0d  
4c 19 62 54 61 07 46 4c 31 62 61 31 4c 51 61 0b  
1c 61 15 54 19 4c 52 54 1a 1a 19 19 07 0b 4a 26  
31 46 52 32 4c 43 26 34 26 1a 51 2a 2a 58 58 1a  
64 13 51 68 0d 2a 61 34 1a 26 61 32 64 07 2c 0d  
1c 0e 25 1a 0b 0b 0e 2c 54 68 43 62 46 68 58 0b  
60 02 61 52 1c 0b 51 19 46 31 32 61 64 2a 25 0d  
15 52 4c 23 4c 34 4c 31 4c 52 68 2a 1c 58 23 23  
46 58 34 19 0b 43 4c 0d 0d 70 0d 38 46 2c 0e 46  
19 52 56 34 25 23 19 52 2c 25 32 4a 4c 32 15 70  
15 4a 64 46 70 19 54 25 54 4a 0e 4c 13 4c 32 51  
64 2a 34 31 25 51 15 2c 68 58 1a 15 16 32 62 0e  
4a 38 70 2a 1c 0e 15 46 13 38 51 52 1a 46 51 0d  
70 4a 32 25 1c 52 0b 0d 61 0b 51 58 13 1a 13 46  
54 51 4a 62 16 0d 64 61 58 1c 0b 52 07 52 68 19  
4a 2c 07 2a 58 2c 19 46 23 62 64 1a 26 58 34 13  
26 52 61 4a 64 25 70 0d 15 25 51 64 26 52 07 54  
1a 52 15 16 54 43 52 43 1a 68 34 15 25 25 1a 46  
0d 58 2a 6d 70 0e 68 1c 0e 46 2c 4a 0b 15 1c 70  
34 0b 2a 58 58 38 23 43 43 2c 68 0d 25 25 61 54  
43 0b 68 07 26 62 64 1a 52 34 52 07 1c 25 07 43  
1a 52 70 38 13 46 68 54 61 0d 26 51 16 52 34 13  
64 61 62 1c 19 26 61 16 68 1c 58 0e 34 31 46 2c  
32 2a 62 4a 62 4a 54 25 46 0d 70 0b 2a 0d 13 38  
38 4a 19 0d 2a 4c 2c 62 0b 16 51 2a 68 62 43 19  
0d 1a 0d 51 13 2c 70 46 07 70 64 54 1c 31 43 2a  
58 26 0e 07 2c 32 68 68 1c 54 15 0b 51 15 46 19  
2c 64 07 0b 70 34 64 16 4c 1a 19 64 15 0b 31 23  
07 2a 0d 51 52 13 2c 17 64 43 43 31 64 0d 46 51  
70 54 15 61 51 68 70 10 3d 16 07 0e 54 52 68 32  
1c 0e 4c 19 4c 0d 26 64 54 0d 15 34 70 07 62 19  
4c 2c 1c 0d 0b 62 32 68 4a 61 0e 15 64 70 07 51  
1a 38 54 25 2c 62 52 4a 32 62 43 34 58 1c 2a 26  
2a 43 0e 0d 51 51 52 32 52 51 0d 19 0d 64 1c 25  
0e 07 43 1a 13 15 19 51 58 31 2c 52 2a  
<EOM><EOM><EOM>

#### 12610 kHz, 28-11, 0943 UTC, T600

Sync 1eb41eb2952

Session key: 62 2a 1a 0e 1a 07 54 25 54 32 19 1c 31 32 51 38 54 2c 54 43 2a 58 4c 64 52 16  
4c 62 0e 58 2c 07 62 26 62 2a 0b 26 0e 32 1a 16  
26 19 52 4a 43 13 15 0d 2a 19 0e 61 32 32 68 26  
51 68 32 19 61 64 11 31 19 16 07 25 62 16 46 4c  
61 23 2c 62 34 13 58 25 0d 68 43 32 19 2a 0b 43  
1a 61 46 25 1a 0d 70 32 26 62 13 64 4a 2c 2a 26  
1c 0e 52 46 0d 25 52 62 2c 0d 25 61 54 61 34 51  
62 13 0b 1a 07 1c 07 61 19 19 51 25 58 34 25 32  
2c 07 4a 68 64 64 2c 0e 58 13 54 34 23 34 19 68  
43 61 19 62 0b 2c 62 34 52 26 61 52 19 70 64 46  
43 2a 4a 38 70 16 38 4c 15 31 07  
<EOM><EOM><EOM>

**12610 kHz, 28-11, 0944 UTC, T600**

Sync 1eb41eb2952

Session key: 4c 38 62 1a 4c 4c 46 1a 4a 13 0b 31 4c 68 68 68 26 46 58 51 70 23 16 68 0e  
19 16 0e 19 13 19 1a 26 70 32 13 51 4a 4a 46 54  
0e 32 70 19 54 15 2c 54 25 4a 58 54 64 4c 13 0d  
31 61 23 15 2c 32 0e 0b 4a 2c 68 4b 26 2a 0b 0d  
52 15 1a 1c 70 62 68 38 58 34 19 32 70 0d 26 0d  
25 64 64 43 68 4a 54 1c 34 61 68 64 58 68 0e 70  
43 1a 0e 4a 31 51 2c 07 54 54 1c 4c 62 4a 16 34  
07 0e 15 15 43 52 1c 0d 52 70 0e 46 34 16 13 26  
61 70 0b 15 19 1c 0d 32 38 0b 64 0d 4a 34 23 0b  
2c 0e 61 2a 58 64 51 26 46 70 23 16 43 46 0b 61  
2c 0e 0d 43 1a 43 19 2a 4a 0b 68 54 <EOM><EOM><EOM>

**12610 kHz, 28-11, 0945 UTC, T600**

Sync 1eb41eb2952

Session key: 38 52 68 0e 68 23 31 70 13 62 51 34 52 4a 38 43 4a 1a 31 19 64 23 68 62 4a  
62 0b 13 43 51 2c 4a 38 15 64 1a 31 4a 2a 61 16  
68 1a 0d 32 26 07 2c 68 58 0b 4c 07 13 4c 2a 07  
4a 07 25 26 0b 2c 4c 19 16 54 2a 32 0d 13 2c 34  
13 46 70 47 19 34 4c 1a 38 4a 1a 38 32 64 0e 54  
61 13 19 62 15 26 4c 25 0d 23 16 70 68 0d 2c 26  
15 46 46 0e 68 19 4a 16 34 4c 07 38 54 26 68 0e  
54 64 58 2a 64 19 13 1c 07 58 13 38 58 1a 1c 54  
26 2a 2c 1c 31 4c 43 56 0b 2c 19 15 2c 2c 1c 31  
13 64 0b 68 34 4c 2a 54 0b 15 68 13 19 52 64 62  
52 51 07 70 0e 25 19 51 64 15 46 52 <EOM><EOM><EOM>

**12610 kHz, 28-11, 0946 UTC, T600**

Sync 1eb41eb2952

Session key: 34 52 70 64 62 68 25 38 38 52 07 0b 62 62 34 32 13 43 15 2a 68 19 58 46 62  
1c 0e 52 1c 64 25 23 58 26 19 0b 38 52 0e 26 38  
13 25 07 1c 38 1c 19 32 07 70 52 62 43 26 70 61  
23 0d 32 68 31 61 4c 07 15 23 15 16 58 15 4a 68  
34 31 61 0b 70 16 23 1a 2c 07 51 34 43 23 4a 2c  
34 1c 0b 2c 23 2c 13 46 52 0e 0b 15 62 0b 15 32  
38 07 52 43 4a 43 34 62 25 64 58 31 43 54 2a 2c  
38 70 15 4c 0e 62 4a 26 16 2c 2c 61 31 32 1a 46  
1a 07 38 68 32 70 58 58 4c 52 1c 68 23 61 2a 70  
62 62 23 4c 07 70 2c 16 0d 25 64 54 4a 2a 1a 25  
25 52 62 31 54 0e 0b 19 26 51 31 15 <EOM><EOM><EOM>

**12610 kHz, 28-11, 0946 UTC, T600**

Sync 1eb41eb2952

Session key: 0b 15 07 26 26 19 2a 58 2c 0d 2c 4a 54 0d 2a 64 19 19 15 1c 4c 34 38 31 31  
25 0b 38 1a 13 31 70 61 34 0e 0b 46 4c 52 52 51  
0e 16 51 4a 13 16 54 2a 46 07 43 52 4c 1c 07 13  
1a 2c 31 1a 46 61 13 15 51 62 68 0d 34 2a 1a 68  
34 2a 4c 68 26 2a 43 25 2c 34 13 0d 16 0e 2c 52  
52 15 0d 2a 31 58 32 70 31 07 23 70 34 46 0b 1c  
32 25 0e 46 1c 34 68 13 52 54 62 23 0e 2a 38 0e  
2a 26 1c 32 4c 0d 26 26 2a 4a 4c 13 07 64 26 4c  
38 32 13 46 70 2c 16 1c 38 2c 0e 15 0e 69 2c 07  
64 64 62 51 4a 0d 38 1a 23 43 07 26 61 19 2c 0b  
61 52 25 2c 07 38 13 0e 16 32 34 51 52 46 2c 1a  
0e 0e 70 0e 4a 31 43 68 1a 70 64 26 23 2a 38 4a  
07 32 68 31 43 4c 64 1a 25 13 4c 16 07 13 43 2a  
19 4a 51 31 54 13 16 0d 23 2a 16 1c 64 58 15 54  
32 52 1a 4c 51 4a 31 15 70 31 13 46 2a 31 4a 07  
13 4c 07 15 23 52 4a 13 4c 2c 2c 0d 31 46 0d 15  
2a 52 1a 2c 15 32 62 26 43 15 1c 52 2c 1c 64 61  
4a 61 34 13 0b 0b 46 68 51 25 0e 1a 2c 4c 19 68  
2a 43 62 0d 52 0d 62 1c 38 15 07 2a 1a 70 0d 1c  
62 19 58 4c 52 0d 58 15 0d 1a 32 51 4c 52 1a 07  
23 26 31 4a 1a 68 16 38 2c 19 19 68 46 68 31 51  
46 1a 68 32 43 32 46 19 52 0e 0d 07 2a 0d 25 34  
2a 38 51 34 26 13 1c 58 16 13 4c 0d 0e 16 54 62  
58 0e 61 2a 32 16 13 19 32 0b 58 13 25 34 2c 34  
1c 34 43 19 61 07 26 64 46 64 70 70 64 68 4a 64  
31 64 0b 0b 25 51 1a 70 64 31 1c 51 1c 62 07 4c  
68 62 51 58 52 13 13 38 43 1c 0e 52 13 25 15 32



61 26 15 13 62 1a 61 51 07 70 61 54 19 51 1c 70  
38 34 61 68 07 16 13 0e 15 4c 13 4a 1c 62 70 2a  
1c 4c 19 64 26 23 34 0e 25 19 4c 34 07 07 70 0b  
61 0e 52 15 23 2a 38 15 1a 46 61 23 1c 07 1c 43  
61 58 32 54 34 34 31 16 13 0b 54 46 2c 62 31 2a  
34 26 0d 46 34 31 51 46 0b 52 26 64 38 51 2a 2c  
13 07 0b 26 13 23 34 0e 1c 2c 64 1c 64 58 61 4c  
25 68 64 19 2c 52 64 26 15 70 25 46 0d 54 26 15  
64 13 51 25 68 46 61 4c 51 4c 46 46 13 1c 23 0e  
58 70 13 2c 15 16 61 64 64 43 64 2a 13 54 52 54  
52 <EOM><EOM><EOM>

#### 12610 kHz, 28-11, 0947 UTC, T600

Sync 1eb41eb2952

Session key: 0e 2a 15 0e 23 19 1c 0e 23 2a 62 13 25 1c 34 62 4a 07 68 34 31 19 64 68 13

19 1c 68 32 0e 64 46 58 62 4a 2a 1a 32 34 34 0d  
31 34 1a 64 51 64 35 23 58 52 13 70 1c 61 46 19  
19 1c 0e 32 0d 4c 58 26 13 26 38 16 54 0d 52 52  
15 07 19 0d 54 4c 23 23 68 15 19 19 2c 2a 54 23  
13 4c 31 51 26 32 4a 46 0b 26 62 1c 26 19 16 2c  
31 52 2c 34 0e 19 2c 51 0b 15 07 1a 4c 38 15 54  
25 61 25 38 52 38 62 52 4c 4a 51 46 13 13 62 19  
19 1c 0d 31 68 4a 0e 16 46 34 51 2a 38 2a 2c 51  
2c 38 25 0b 23 2a 0e 43 26 32 54 1c 4a 61 70 58  
1a 0b 32 15 23 19 1a 15 51 38 31 23 26 68 51 61  
51 4a 64 52 54 26 61 25 62 58 07 52 0e 58 15 43  
15 62 32 70 07 15 0d 32 4c 61 52 70 46 54 46 0d  
52 1a 46 23 25 2c 4a 32 0e 2c 34 61 64 58 58 2c  
54 19 25 46 26 43 25 52 4a 1a 68 46 46 0b 2c 0b  
32 1a 0e 19 64 62 43 16 70 32 68 16 46 0b 64 1a  
1a 54 16 46 62 54 0d 2c 0d 58 2c 70 62 54 0e 1c  
46 2a 68 26 4c 2c 61 16 51 34 38 4a 4c 38 19 26  
58 51 64 0d 4a 46 68 52 26 13 16 62 32 52 32 23  
07 0e 62 2a 0e 4c 26 31 64 43 61 25 0d 0e 52 64  
15 26 13 61 2a 23 1c 31 32 51 <EOM><EOM><EOM>

#### 12610 kHz, 28-11, 0948 UTC, T600

Sync 1eb41eb2952

Session key: 0b 07 26 2a 1a 2c 1c 2a 13 52 31 2a 1a 13 52 1c 51 25 13 13 1a 23 0b 46 1c

0b 70 26 23 0e 13 70 4c 54 4c 43 4a 64 34 52 0d  
38 34 23 25 31 2c 61 4a 0d 1c 13 25 16 68 0b 70  
31 43 34 4c 23 62 26 58 61 51 2a 38 1c 46 32 0e  
61 52 46 16 25 23 62 62 61 0d 64 0b 54 16 4a 62  
38 26 54 38 4c 70 25 07 23 2c 0d 54 61 16 0b 46  
52 2c 13 0e 38 07 62 1a 1c 34 64 64 1c 23 38 1a  
58 1a 1c 70 2c 2a 25 34 1c 51 16 70 1c 16 62 58  
61 38 23 62 68 13 38 0b 34 2a 1a 0b 4c 32 61 70  
07 1c 07 46 68 0e 0b 34 54 68 34 62 31 07 19 46  
4c 4a 25 0b 51 68 07 2a 4a 62 16 1a 1a 61 25 43  
64 4c 13 19 54 61 64 32 38 46 4a 4c 2c 0b 0e 25  
1c 0e 0e 54 07 2a 31 16 70 25 0d 51 32 13 43 13  
58 32 46 70 0e 0d 4c 38 07 07 43 0b 62 61 31 68  
46 62 58 61 64 25 1c 26 23 46 43 19 38 07 43 61  
16 1a 68 26 4c 70 70 16 13 34 54 68 0e 2c 64 26  
0d 25 70 4a 07 51 0e 62 38 4c 23 34 13 07 62 70  
07 13 15 13 4a 62 07 4a 0d 26 0e 15 2a 23 51 1c  
26 54 46 38 2c 1c 58 51 52 70 58 4c 58 0d 31 0e  
54 51 38 26 0d 43 38 0e 15 62 4c 51 4a 51 25 62  
23 1a 0d 1c 26 64 70 70 25 34 43 52 19 70 23 62  
54 1c 51 1a 26 16 70 0d 23 32 0e 2a 0b 13 54 4a  
2c 64 54 26 13 51 62 61 32 0e 32 32 1a 54 0e 32  
19 68 70 0b 31 0e 43 23 19 32 58 19 16 0d 62 0d  
2a 19 46 70 38 34 68 51 62 58 38 38 0e 64 1a 2a  
38 15 0e 38 68 2a 23 1c 38 32 2a 61 38 1a 26 0e  
19 46 34 64 2c 2a 70 0d 62 61 19 0e 4c 26 19 61  
52 13 62 25 16 23 19 51 26 4c 19 46 0b 0e 1c 23  
13 2a 61 61 68 52 19 13 31 34 0d 1a 0b 61 46 0d  
2c 38 16 31 4c 61 0b 46 1c 25 23 15 51 23 15 0b  
26 58 15 61 07 1c 32 54 26 38 <EOM><EOM><EOM>

## LOGS SECTION

Code	Freq.	Date	UTC	Day	Details	Mode	Contributor
---	5045	29-10	1415	Thu	Znamya for Caplya - SIGNAL 1549	USB	(Gwr)
---	4940	29-10	1448	Thu	Tros-28 ya Baron-78 - Baklan: 27764 GANZA 3412 8850	USB	(Gwr)
---	4310	29-10	1502	Thu	Goose: Vozduh Ohvat-98 38662 VYYeZD 9623 2121	USB	(Gwr)
---	5372	29-10	1507	Thu	N'ZhJ 56206 ZANOSHyeNNYJ 7133 3735	USB	(Gwr)
---	5372	29-10	1518	Thu	N'ZhJ 51980 LIDSOZIAK 9584 2133	USB	(Gwr)
---	4735	7-11	0800	Sat	VVV VVV PROMRO = 07 11 = 1000 0610 0260 0820 1240 ... 0800 0550 0210 0760 1140 = AR	CW	(AB-ROU)
---	4735	8-11	0800	Sun	VVV VVV PROMRO = 0811 = 1000 0610 0280 0820 1240 ... 0800 0550 0220 0750 1140 = AR	CW	(AB-ROU)
---	4735	10-11	0800	Tue	VVV VVV PROMRO = 10 11 = 1000 0590 0260 0800 1210 ... 0800 0550 0210 0750 1130 = AR	CW	(AB-ROU)
---	4940.5	11-11	1238	Wed	OM to YL: 8603 1300 8 47 4 19 1400 8 48 4 12 1500 8 52 4 15 1600 8 50 4 14 / 8601 1600 8 49 4 14 1200 kak prinyali?	USB	(AB)
---	4735	14-11	0800	Sat	VVVVV PROMRO = 14 11 = 1000 0600 0260 0810 1220 ... 0800 0530 0210 0730 1120 = AR	CW	(AB-ROU)
---	4735	15-11	0801	Sun	VVVVV PROMRO = 1511 = 1000 0590 0260 0800 1210 ... 0800 0530 0210 0730 1110 = AR	CW	(AB-ROU)
---	8134	16-11	1725	Mon	Unid i.p. 00000	CW	(AB)
---	8134	16-11	2319	Mon	Channel marker 00000	CW	(AB)
---	8134	17-11	0900	Tue	Channel marker 00000	CW	(AB)
---	8134	17-11	2110	Tue	Channel marker 00000	CW	(AB)
---	8134	18-11	0520	Wed	Channel marker 00000	CW	(AB)
---	8134	18-11	0834	Wed	Channel marker 00000	CW	(AB)
---	8134	19-11	0954	Thu	Channel marker 00000	CW	(AB)
---	8134	19-11	1232	Thu	Channel marker 00000	CW	(AB)
---	5780	19-11	1250	Thu	Serna-84 to Minuta-44: ZUP ZZhM ZNR Grom 08 Variant 1	USB	(Gwr)
---	8134	19-11	1839	Thu	Channel marker 00000	CW	(AB)
---	8134	20-11	0815	Fri	Channel marker 00000	CW	(AB)
---	4940	20-11	1359	Fri	Tros-28 ya Baron-78 Proverka svyazi vremya 1700 priyom	USB	(Gwr)
---	8134	20-11	1440	Fri	SALUT LES GARS C EST MOI 1234567890 replaced channel marker 00000	CW	(AB)
---	4735	21-11	0800	Sat	VVV VVVV VVV PROMRO = 21 11 = 1000 0600 0260 0810 1210 ... 0800 0530 0200 0730 1110 = AR	CW	(AB-ROU)
---	4735	22-11	0801	Sun	VVVVV PROMRO = 2211 = 1000 0590 0270 0790 1200 ... 0800 0530 0210 0730 1110 = AR	CW	(AB-ROU)
---	8134	23-11	1245	Mon	SALUT LES GARS C EST MOI 1234567890	CW	(AB)
---	5780	23-11	1250	Mon	Central station Iskra-32. Belongs to the buzzer hub	USB	(Gwr)
---	8134	23-11	1930	Mon	SALUT LES GARS C EST MOI 1234567890	CW	(AB-D)
---	8134	24-11	0655	Tue	SALUT LES GARS C EST MOI 1234567890	CW	(AB-D)
---	4940	24-11	1216	Tue	Baron-78 transmission missed, "14 minut, priyom" of timestamp heard	USB	(Gwr)
---	5372	24-11	1232	Tue	N'ZhJ 34261 KNYaZhYeN'Ye 6445 8817	USB	(Gwr)
---	8134	24-11	1526	Tue	SALUT LES GARS C EST MOI 1234567890	CW	(AB-D)
---	4735	25-11	0800	Wed	VVVVV PROMRO = 25 11 = 1000 0590 0260 0800 1210 ... 0800 0530 0200 0730 1110 = AR	CW	(AB-ROU)
---	8134	25-11	0803	Wed	SALUT LES GARS C EST MOI 1234567890	CW	(AB)
---	8134	25-11	1439	Wed	SALUT LES GARS C EST MOI 1234567890	CW	(AB)
---	8134	26-11	0721	Thu	SALUT LES GARS C EST MOI 1234567890	CW	(AB)
---	4735	26-11	0800	Thu	VVV VVV PROMRO = 26 11 = 1000 0590 0260 0800 1200 ... 0800 0530 0200 0720 1110 = AR	CW	(AB-ROU)
---	4940	26-11	1210	Thu	Bushlat-52 voice network check on 4940usb (Baron-78 channel)	USB	(Gwr)
---	4940	26-11	1233	Thu	Tros-28 ya Baron-78, Baklan: 54507 KOLIK 1739 1934	USB	(Gwr)
---	5372	26-11	1238	Thu	N'ZhJ 21003 ISKOKLIR 6420 8089	USB	(Gwr)
---	8134	27-11	0726	Fri	SALUT LES GARS C EST MOI 1234567890	CW	(AB)

---	4940	27-11	0946	Fri	Tros-28 ya Baron-78 - Baklan: 20635 SOBRATSTVO 5874 2042	USB	(Gwr)
---	4940	27-11	1213	Fri	Tros-28 ya Baron-78 - Baklan: 57911 PODPOL'NYJ 7161 2962	USB	(Gwr)
---	4940	27-11	1221	Fri	Bushlat-52 netchecking voice net	USB	(Gwr)
---	4940	27-11	1330	Fri	Tros-28 ya Baron-78 - proverka svyazi, vremya 1630	USB	(Gwr)
---	8134	27-11	1502	Fri	SALUT LES GARS C EST MOI 1234567890	CW	(AB)
---	8134	28-11	0705	Sat	SALUT LES GARS C EST MOI 1234567890	CW	(AB)
---	4735	28-11	0800	Sat	VVVVV PROMRO = 2811 = 1000 0590 0270 0800 1200 ... 0800 0520 0210 0720 1100 = AR	CW	(AB-ROU)
---	4735	29-11	0801	Sun	VVVVV PROMRO = 29 11 = 1000 0600 0250 0800 1210 ... 0800 0530 0200 0720 1100 = AR	CW	(AB-ROU)
---	8134	29-11	1554	Sun	SALUT LES GARS C EST MOI 1234567890	CW	(AB)
---	8134	30-11	1258	Mon	SALUT LES GARS C EST MOI 1234567890	CW	(AB)
DPRK	12203	3-11	1330	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12221	3-11	1330	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12750	3-11	1330	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13351	3-11	1330	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	10155	4-11	0840	Wed	North Korean diplo i.p.	DPRK ARQ 600 LSB	(AB)
DPRK	10850	4-11	1204	Wed	North Korean diplo i.p.	DPRK ARQ 600 LSB	(AB)
DPRK	10850	6-11	0836	Fri	North Korean diplo i.p.	DPRK ARQ 600 LSB	(AB)
DPRK	10155	11-11	0840	Wed	North Korean diplo i.p.	DPRK ARQ 600 LSB	(AB)
DPRK	12203	12-11	1204	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12206	12-11	1204	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12223	12-11	1204	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	10555	12-11	1207	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	10850	12-11	1207	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	19280	16-11	1345	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12223	24-11	1209	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12980	26-11	1212	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12985	26-11	1212	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
E06	18285	5-11	0600	Thu	507 482 61 47062 28435 18743 ... 31951 19739 06765 482 61 00000	USB	(AB-RUS)
E06	20140	5-11	0700	Thu	507 482 61 47062 28435 18743 ... 31951 19739 06765 482 61 00000	USB	(AB-RUS)
E06	4836	5-11	2019	Thu	111111 1	USB	(AB)
E06	4836	5-11	2024	Thu	111 111	USB	(AB)
E06	4836	5-11	2030	Thu	321 979 45 15432 86426 05598 ... 12346 73456 32422 979 45 00000 Windows XP shutdown sound	USB	(AB/HFD)
E06	18285	6-11	0600	Fri	507 482 61 47062 28435 18743 ... 31951 19739 06765 482 61 00000	USB	(AB-RUS)
E06	20140	6-11	0700	Fri	507 482 61 47062 28435 18743 ... 31951 19739 06765 482 61 00000	USB	(AB-RUS)
E06	4760	6-11	2130	Fri	472 979 45 15432 86426 05598 ... 12346 73456 32422979 45 00000 472 47	USB	(AB/HFD)
E06	18285	19-11	0600	Thu	507 391 62 31179 66625 34772 ... 08680 22948 54594 391 62 00000	USB	(AB-RUS)
E06	20140	19-11	0700	Thu	507 391 62 31179 66625 34772 ... 08680 22948 54594 391 62 00000	USB	(AB-RUS)
E06	4836	19-11	2030	Thu	321 510 41 61157 43256 03545 ... 54765 25423 52315 510 41 00000	USB	(AB)
E06	13863	20-11	0400	Fri	361 ...	USB	(HFD-CHN)
E06	18285	20-11	0600	Fri	507 391 62 31179 66625 34772 ... 08680 22948 54594 391 62 00000	USB	(AB-RUS)
E06	20140	20-11	0700	Fri	507 391 62 31179 66625 34772 ... 08680 22948 54594 391 62 00000	USB	(AB-RUS)
E07	11068	1-11	0720	Sun	201 201 201 000	USB	(AB)
E07	7582	1-11	1800	Sun	571 571 571 000	USB	(AB)
E07	6782	1-11	1820	Sun	571 571 571 000	USB	(AB/HFD)
E07	7616	2-11	2000	Mon	682 682 682 1 763 55 763 55 79032 20498 08516 ... 03054 29866 30501 000 000	USB	(AB/HFD)
E07	6816	2-11	2020	Mon	682 682 682 1 763 55 763 55 79032 20498 08516 ... 03054 29866 30501 000 000	USB	(AB/HFD)
E07	5216	2-11	2040	Mon	682 682 682 1 763 55 763 55 79032 20498 08516 ... 03054 29866 30501 000 000	USB	(AB/HFD)

E07	15823	3-11	0700	Tue	836 836 836 1 8142 105 8142 105 86881 00286 05042 ... 14440 13733 16280 000 000	USB	(AB/HFD)
E07	16323	3-11	0720	Tue	836 836 836 1 8142 105 8142 105 86881 00286 05042 ... 14440 13733 16280 000 000	USB	(AB-KWT/HFD)
E07	18623	3-11	0740	Tue	836 836 836 1 8142 105 8142 105 86881 00286 05042 ... 14440 13733 16280 000 000	USB	(AB-KWT/HFD)
E07	7582	4-11	1800	Wed	571 571 571 000	USB	(AB/HFD)
E07	6782	4-11	1820	Wed	571 571 571 000	USB	(AB)
E07	7616	4-11	2000	Wed	682 682 682 1 763 55 763 55 79032 20498 08516 ... 03054 29866 30501 000 000	USB	(AB)
E07	6816	4-11	2020	Wed	682 682 682 1 763 55 763 55 79032 20498 08516 ... 03054 29866 30501 000 000	USB	(AB)
E07	5216	4-11	2040	Wed	682 682 682 1 763 55 763 55 79032 20498 08516 ... 03054 29866 30501 000 000	USB	(AB)
E07	11574	5-11	1410	Thu	327 327 327 000	USB	(AB/MPJ/HFD)
E07	10274	5-11	1430	Thu	327 327 327 000	USB	(AB/MPJ/HFD)
E07	15823	6-11	0700	Fri	836 836 836 1 8142 105 8142 105 86881 00286 05042 ... 14440 13733 16280 000 000	USB	(AB)
E07	16323	6-11	0720	Fri	836 836 836 1 8142 105 8142 105 86881 00286 05042 ... 14440 13733 16280 000 000	USB	(AB)
E07	18623	6-11	0740	Fri	836 836 836 1 8142 105 8142 105 86881 00286 05042 ... 14440 13733 16280 000 000	USB	(AB)
E07	10323	7-11	1400	Sat	310 310 310 000	USB	(AB/HFD)
E07	11574	7-11	1410	Sat	327 327 327 000	USB	(AB/MPJ)
E07	9123	7-11	1420	Sat	310 310 310 000	USB	(AB/HFD)
E07	10274	7-11	1430	Sat	327 327 327 000	USB	(AB/MPJ)
E07	10268	8-11	0700	Sun	201 201 201 000	USB	(AB)
E07	11068	8-11	0720	Sun	201 201 201 000	USB	(AB)
E07	7582	8-11	1800	Sun	571 571 571 000	USB	(AB/MPJ)
E07	6782	8-11	1820	Sun	571 571 571 000	USB	(AB/MPJ)
E07	7616	9-11	2000	Mon	682 682 682 000	USB	(AB)
E07	6816	9-11	2020	Mon	682 682 682 000	USB	(AB)
E07	15823	10-11	0700	Tue	836 836 836 000	USB	(AB)
E07	16323	10-11	0720	Tue	836 836 836 000	USB	(AB-KWT)
E07	7582	11-11	1800	Wed	571 571 571 000	USB	(AB)
E07	6782	11-11	1820	Wed	571 571 571 000	USB	(AB)
E07	7616	11-11	2000	Wed	682 682 682 000	USB	(AB/RL)
E07	6816	11-11	2020	Wed	682 682 682 000	USB	(AB/RL)
E07	11574	12-11	1410	Thu	327 327 327 000	USB	(AB/MPJ)
E07	10274	12-11	1430	Thu	327 327 327 000	USB	(AB/MPJ)
E07	15823	13-11	0700	Fri	836 836 836 000	USB	(AB)
E07	16323	13-11	0720	Fri	836 836 836 000	USB	(AB)
E07	10323	14-11	1400	Sat	310 310 310 000	USB	(AB/MPJ)
E07	11574	14-11	1410	Sat	327 327 327 000	USB	(AB/MPJ)
E07	9123	14-11	1420	Sat	310 310 310 000	USB	(AB/MPJ)
E07	10274	14-11	1430	Sat	327 327 327 000	USB	(AB/MPJ)
E07	10268	15-11	0700	Sun	201 201 201 000	USB	(AB)
E07	11068	15-11	0720	Sun	201 201 201 000	USB	(AB)
E07	7582	15-11	1800	Sun	571 571 571 000	USB	(AB)
E07	6782	15-11	1820	Sun	571 571 571 000	USB	(AB)
E07	7616	16-11	2000	Mon	682 682 682 000	USB	(AB)
E07	6816	16-11	2020	Mon	682 682 682 000	USB	(AB)
E07	15823	17-11	0700	Tue	Restart after 2 minutes 836 836 836 1 421 87 421 87 54594 94039 77457 ... 82811 58133 24460 000 000	USB	(AB)
E07	16323	17-11	0720	Tue	836 836 836 1 421 87 421 87 54594 94039 77457 ... 82811 58133 24460 000 000	USB	(AB)
E07	18623	17-11	0740	Tue	836 836 836 1 421 87 421 87 54594 94039 77457 ... 82811 58133 24460 000 000	USB	(AB)
E07	7582	18-11	1800	Wed	571 571 571 000	USB	(AB)

E07	6782	18-11	1820	Wed	571 571 571 000	USB	(AB)
E07	7616	18-11	2000	Wed	682 682 682 000	USB	(AB/MPJ/RL)
E07	6816	18-11	2020	Wed	682 682 682 000	USB	(AB/MPJ/RL)
E07	11574	19-11	1410	Thu	327 327 327 1 375 99 375 99 62383 85089 42005 ... 22450 90161 08399 000 000	USB	(AB/MPJ)
E07	10274	19-11	1430	Thu	327 327 327 1 375 99 375 99 62383 85089 42005 ... 22450 90161 08399 000 000	USB	(AB/MPJ)
E07	9274	19-11	1450	Thu	327 327 327 1 375 99 375 99 62383 85089 42005 ... 22450 90161 08399 000 000	USB	(AB/MPJ)
E07	15823	20-11	0700	Fri	836 836 836 1 421 87 421 87 54594 94039 77457 ... 82811 58133 24460 000 000	USB	(AB)
E07	16323	20-11	0720	Fri	836 836 836 1 421 87 421 87 54594 94039 77457 ... 82811 58133 24460 000 000	USB	(AB)
E07	18623	20-11	0740	Fri	836 836 836 1 421 87 421 87 54594 94039 77457 ... 82811 58133 24460 000 000	USB	(AB)
E07	10323	21-11	1400	Sat	310 310 310 000	USB	(AB/MPJ)
E07	11574	21-11	1410	Sat	327 327 327 1 375 99 375 99 62383 85089 42005 ... 22450 90161 08399 000 000	USB	(AB/MPJ)
E07	9123	21-11	1420	Sat	310 310 310 000	USB	(AB/MPJ)
E07	10274	21-11	1430	Sat	327 327 327 1 375 99 375 99 62383 85089 42005 ... 22450 90161 08399 000 000 Restart at 1439 UTC	USB	(AB/MPJ)
E07	9274	21-11	1450	Sat	327 327 327 1 375 99 375 99 62383 85089 42005 ... 22450 90161 08399 000 000	USB	(AB/MPJ)
E07	10268	22-11	0700	Sun	201 201 201 000	USB	(AB)
E07	11068	22-11	0720	Sun	201 201 201 000	USB	(AB)
E07	7582	22-11	1800	Sun	571 571 571 000	USB	(AB)
E07	6782	22-11	1820	Sun	571 571 571 000	USB	(AB)
E07	7616	23-11	2000	Mon	682 682 682 1 883 79 883 79 88993 95584 37563 ... 43906 16370 56912 000 000	USB	(AB-POL)
E07	6816	23-11	2020	Mon	682 682 682 1 883 79 883 79 88993 95584 37563 ... 43906 16370 56912 000 000	USB	(AB-POL)
E07	5216	23-11	2040	Mon	682 682 682 1 883 79 883 79 88993 95584 37563 ... 43906 16370 56912 000 000	USB	(AB-POL)
E07	15823	24-11	0700	Tue	836 836 836 000	USB	(AB)
E07	16323	24-11	0720	Tue	836 836 836 000	USB	(AB)
E07	7582	25-11	1800	Wed	571 571 571 000	USB	(AB-RUS)
E07	6782	25-11	1820	Wed	571 571 571 000	USB	(AB-RUS)
E07	7616	25-11	2000	Wed	682 682 682 1 883 79 883 79 88993 95584 37563 ... 43906 16370 56912 000 000	USB	(AB-POL)
E07	6816	25-11	2020	Wed	682 682 682 1 883 79 883 79 88993 95584 37563 ... 43906 16370 56912 000 000	USB	(AB-POL)
E07	5216	25-11	2040	Wed	682 682 682 1 883 79 883 79 88993 95584 37563 ... 43906 16370 56912 000 000	USB	(AB-POL)
E07	11574	26-11	1410	Thu	327 327 327 000	USB	(AB/MPJ)
E07	10274	26-11	1430	Thu	327 327 327 000	USB	(AB/MPJ)
E07	15823	27-11	0700	Fri	836 836 836 000	USB	(AB)
E07	16323	27-11	0720	Fri	836 836 836 000	USB	(AB)
E07	10323	28-11	1400	Sat	310 310 310 000	USB	(AB/MPJ)
E07	11574	28-11	1410	Sat	327 327 327 000	USB	(AB/MPJ)
E07	9123	28-11	1420	Sat	310 310 310 000	USB	(AB/MPJ)
E07	10274	28-11	1430	Sat	327 327 327 000	USB	(AB/MPJ)
E07	10268	29-11	0700	Sun	201 201 201 000	USB	(AB)
E07	11068	29-11	0720	Sun	201 201 201 000	USB	(AB)
E07	7582	29-11	1800	Sun	571 571 571 000	USB	(AB)
E07	6782	29-11	1820	Sun	571 571 571 000	USB	(AB)
E07	7616	30-11	2000	Mon	682 682 682 000	USB	(AB)
E07	6816	30-11	2020	Mon	682 682 682 000	USB	(AB)
E07a	5877	4-11	2100	Wed	825 825 825 1 37033 2974 98 2974 98 48144 22999 14440 ... 01755 90556 37012 000 000	USB	(AB/RL/HFD)
E07a	5277	4-11	2120	Wed	825 825 825 1 37033 2974 98 2974 98 48144 22999 14440 ... 01755 90556 37012 000 000	USB	(AB/RL/HFD)
E07a	4577	4-11	2140	Wed	825 825 825 1 37033 2974 98 2974 98 48144 22999 14440 ... 01755 90556 37012 000 000	USB	(AB/HFD)
E07a	5111	5-11	0530	Thu	189 189 189 1 37033 2974 98 2974 98 48144 22999 14440 ... 01755 90556 37012 000 000	USB	(AB/HFD)
E07a	5811	5-11	0550	Thu	189 189 189 1 37033 2974 98 2974 98 48144 22999 14440 ... 01755 90556 37012 000 000	USB	(AB/HFD)

E07a	6911	5-11	0610	Thu	189 189 189 1 37033 2974 98 2974 98 48144 22999 14440 ... 01755 90556 37012 000 000	USB	(AB/HFD)
E07a	8138	6-11	1610	Fri	158 158 158 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB/MPJ/HFD)
E07a	7538	6-11	1630	Fri	158 158 158 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB/MPJ/HFD)
E07a	6838	6-11	1650	Fri	158 158 158 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB/GHn/MPJ/HFD)
E07a	11553	7-11	0900	Sat	515 515 515 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB/HFD)
E07a	12153	7-11	0920	Sat	515 515 515 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB/HFD)
E07a	13553	7-11	0940	Sat	515 515 515 1 14902 7554 97 7554 97 87988 08762 45703 ... 61306 76867 37442 000 000	USB	(AB/HFD)
E07a	5877	11-11	2100	Wed	825 825 825 000	USB	(AB/RL)
E07a	5277	11-11	2120	Wed	825 825 825 000	USB	(AB/RL)
E07a	5111	12-11	0530	Thu	189 189 189 000	USB	(AB)
E07a	5811	12-11	0550	Thu	189 189 189 000	USB	(AB)
E07a	8138	13-11	1610	Fri	158 158 158 000	USB	(AB/MPJ)
E07a	7538	13-11	1630	Fri	158 158 158 000	USB	(AB/MPJ)
E07a	11553	14-11	0900	Sat	515 515 515 000	USB	(AB)
E07a	12153	14-11	0920	Sat	515 515 515 000	USB	(AB)
E07a	5877	18-11	2100	Wed	825 825 825 000	USB	(AB)
E07a	5277	18-11	2120	Wed	825 825 825 000	USB	(AB)
E07a	5111	19-11	0530	Thu	189 189 189 000	USB	(AB)
E07a	5811	19-11	0550	Thu	189 189 189 000	USB	(AB)
E07a	8138	20-11	1610	Fri	158 158 158 000	USB	(AB/GHn/MPJ)
E07a	7538	20-11	1630	Fri	158 158 158 000	USB	(AB/MPJ)
E07a	11553	21-11	0900	Sat	515 515 515 000	USB	(AB)
E07a	12153	21-11	0920	Sat	515 515 515 000	USB	(AB)
E07a	5877	25-11	2100	Wed	825 825 825 000	USB	(AB/RL)
E07a	5277	25-11	2120	Wed	825 825 825 000	USB	(AB)
E07a	5111	26-11	0530	Thu	189 189 189 000	USB	(AB)
E07a	5811	26-11	0550	Thu	189 189 189 000	USB	(AB)
E07a	8138	27-11	1610	Fri	158 158 158 000	USB	(AB/MPJ)
E07a	7538	27-11	1630	Fri	158 158 158 000	USB	(AB/MPJ)
E07a	11553	28-11	0900	Sat	515 515 515 000	USB	(AB)
E07a	12153	28-11	0920	Sat	515 515 515 000	USB	(AB)
E11	4505	1-11	0710	Sun	492/00	USB	(AB)
E11	4909	1-11	0805	Sun	311/00	USB	(AB/HFD)
E11	5344	1-11	1605	Sun	232/00	USB	(AB/MPJ/HFD)
E11	5082	1-11	1625	Sun	975/00	USB	(AB/MPJ/HFD)
E11	6849	1-11	1650	Sun	926/00	USB	(HFD)
E11	6949	1-11	1650	Sun	926/00	USB	(AB/MPJ)
E11	12924	1-11	1745	Sun	246/00	USB	(AB/MPJ/HFD)
E11	10487	1-11	1910	Sun	616/00	USB	(HFD-I)
E11	10487	1-11	1910	Sun	616/00	USB	(MPJ/HFD-I)
E11	4909	1-11	1930	Sun	363/00	USB	(AB/MPJ/HFD)
E11	11450	2-11	0640	Mon	948/00	USB	(AB)
E11	8597	2-11	0900	Mon	533/00	USB	(AB/HFD)
E11	5082	2-11	1530	Mon	520/00	USB	(AB/MPJ)
E11	5082	2-11	1530	Mon	520/00	USB	(HFD)
E11	12924	2-11	1745	Mon	247/00	USB	(AB/MPJ)
E11	12924	2-11	1745	Mon	247/00	USB	(HFD)

E11	6849	2-11	1900	Mon	641/00	USB	(AB/MPJ/HFD)
E11	14611	3-11	0830	Tue	131/00	USB	(AB/HFD)
E11	8597	3-11	1000	Tue	304/00	USB	(AB/HFD)
E11	13363	3-11	1345	Tue	911/00	USB	(AB/HFD)
E11	5344	3-11	1605	Tue	230/00	USB	(AB)
E11	5779	4-11	0315	Wed	253/00	USB	(AB)
E11	11450	4-11	0640	Wed	941/00	USB	(AB/HFD)
E11	14611	4-11	0820	Wed	132/00	USB	(AB-POL)
E11	8597	4-11	0900	Wed	536/00	USB	(AB)
E11	5082	4-11	1625	Wed	976/00	USB	(AB/MPJ)
E11	5149	5-11	0820	Thu	430/00	USB	(AB)
E11	6849	5-11	1900	Thu	644/00	USB	(AB/MPJ)
E11	6280	6-11	0435	Fri	359/00	USB	(AB)
E11	5149	6-11	0820	Fri	434/00	USB	(AB/HFD)
E11	8597	6-11	1000	Fri	305/00	USB	(AB/MPJ)
E11	5082	6-11	1530	Fri	525/00	USB	(AB/GHn/MPJ)
E11	10487	6-11	1910	Fri	610/00	USB	(AB/MPJ)
E11	4505	7-11	0710	Sat	496/00	USB	(AB)
E11	13363	7-11	1345	Sat	917/00	USB	(AB/MPJ)
E11	6280	8-11	0435	Sun	359/00	USB	(AB)
E11	4505	8-11	0710	Sun	492/00	USB	(AB)
E11	5344	8-11	1605	Sun	230/00	USB	(AB/MPJ)
E11	5082	8-11	1625	Sun	974/00	USB	(AB/MPJ)
E11	12924	8-11	1745	Sun	248/00	USB	(MPJ)
E11	10487	8-11	1910	Sun	614/00	USB	(MPJ)
E11	4909	9-11	0450	Mon	414/00	USB	(AB)
E11	11450	9-11	0640	Mon	940/00	USB	(AB)
E11	10213	9-11	0745	Mon	260/00	USB	(AB)
E11	12424	9-11	0830	Mon	185/00	USB	(AB)
E11	7984	9-11	1045	Mon	692/00	USB	(AB)
E11	12924	9-11	1745	Mon	247/00	USB	(AB-POL)
E11	6849	9-11	1900	Mon	644/00	USB	(AB/MPJ)
E11	7840	10-11	0645	Tue	511/00	USB	(AB)
E11	6804	10-11	0700	Tue	575/00	USB	(AB)
E11	9130	10-11	0715	Tue	636/00	USB	(AB)
E11	13908	10-11	0745	Tue	223/00	USB	(AB)
E11	12089	10-11	0845	Tue	152/00	USB	(AB)
E11	6433	10-11	1205	Tue	469/00	USB	(AB/MPJ)
E11	13363	10-11	1345	Tue	912/00	USB	(AB/KG4ZFX)
E11	5344	10-11	1605	Tue	237/00	USB	(AB)
E11	5779	11-11	0315	Wed	259/00	USB	(AB)
E11	11450	11-11	0640	Wed	946/00	USB	(AB)
E11	17378	11-11	0745	Wed	343/00	USB	(AB)
E11	7469	11-11	0930	Wed	279/00	USB	(AB)
E11	7984	11-11	1045	Wed	697/00	USB	(AB)
E11	6433	11-11	1205	Wed	469/00	USB	(AB)
E11	4505	11-11	1705	Wed	396/00	USB	(AB/GHn/MPJ)



E11	5779	12-11	0315	Thu	Null message. Too weak to copy	USB	(AB)
E11	7840	12-11	0645	Thu	517/00	USB	(AB)
E11	13908	12-11	0745	Thu	228/00	USB	(AB)
E11	5149	12-11	0820	Thu	438/00	USB	(AB)
E11	12089	12-11	0845	Thu	156/00	USB	(AB)
E11	7469	12-11	0930	Thu	279/00	USB	(AB)
E11	5409	12-11	1530	Thu	268/00	USB	(AB/GHn/MPJ)
E11	5779	12-11	1730	Thu	413/00	USB	(AB/MPJ)
E11	6849	12-11	1900	Thu	644/00	USB	(AB/MPJ)
E11	6804	13-11	0700	Fri	579/00	USB	(AB)
E11	9130	13-11	0715	Fri	635/00	USB	(AB)
E11	17378	13-11	0745	Fri	348/00	USB	(AB-POL)
E11	5149	13-11	0820	Fri	436/00	USB	(AB)
E11	12424	13-11	0830	Fri	181/00	USB	(AB)
E11	6849	13-11	1650	Fri	920/00	USB	(AB/MPJ)
E11	4909	14-11	0805	Sat	315/00	USB	(AB)
E11	13363	14-11	1345	Sat	918/00	USB	(MPJ)
E11	4505	14-11	1705	Sat	396/00	USB	(AB/GHn/MPJ)
E11	4909	14-11	1930	Sat	367/00	USB	(AB)
E11	4909	15-11	0805	Sun	310/00	USB	(AB)
E11	5344	15-11	1605	Sun	233/00	USB	(AB/MPJ)
E11	6949	15-11	1650	Sun	929/00	USB	(AB/MPJ)
E11	12924	15-11	1745	Sun	249/00	USB	(AB/MPJ-POL)
E11	4909	15-11	1930	Sun	367/00	USB	(MPJ)
E11	4909	16-11	0450	Mon	415/00	USB	(AB)
E11	10213	16-11	0745	Mon	269/00	USB	(AB)
E11	12424	16-11	0830	Mon	182/00	USB	(AB)
E11	12067	16-11	0845	Mon	714/00	USB	(AB)
E11	8597	16-11	0900	Mon	532/00	USB	(AB)
E11	7984	16-11	1045	Mon	694/00	USB	(AB)
E11	5082	16-11	1530	Mon	527/00	USB	(AB/MPJ)
E11	12924	16-11	1745	Mon	244/00	USB	(AB-POL)
E11	7840	17-11	0645	Tue	518/00	USB	(AB)
E11	6804	17-11	0700	Tue	577/00	USB	(AB)
E11	9130	17-11	0715	Tue	633/00	USB	(AB)
E11	13908	17-11	0745	Tue	225/00	USB	(AB)
E11	14611	17-11	0830	Tue	134/00	USB	(AB-POL)
E11	12089	17-11	0845	Tue	155/00	USB	(AB)
E11	8597	17-11	1000	Tue	309/00	USB	(AB)
E11	6433	17-11	1205	Tue	462/00	USB	(AB)
E11	5344	17-11	1605	Tue	238/00	USB	(AB/GHn)
E11	5779	18-11	0315	Wed	252/00	USB	(AB)
E11	17378	18-11	0745	Wed	346/00	USB	(AB)
E11	14611	18-11	0820	Wed	136/00	USB	(AB-POL)
E11	8597	18-11	0900	Wed	538/00	USB	(AB)
E11	7469	18-11	0930	Wed	275/00	USB	(AB)
E11	7984	18-11	1045	Wed	690/00	USB	(AB)



E11	6433	18-11	1205	Wed	462/00	USB	(AB)
E11	5082	18-11	1625	Wed	975/00	USB	(AB/GHn/MPJ)
E11	4505	18-11	1705	Wed	396/00	USB	(AB/MPJ)
E11	5779	19-11	0315	Thu	252/00	USB	(AB)
E11	7840	19-11	0645	Thu	518/00	USB	(AB)
E11	13908	19-11	0745	Thu	221/00	USB	(AB)
E11	7469	19-11	0930	Thu	272/00	USB	(AB)
E11	5409	19-11	1530	Thu	261/00	USB	(AB/MPJ)
E11	5779	19-11	1730	Thu	413/00	USB	(AB/MPJ)
E11	9130	20-11	0715	Fri	630/00	USB	(AB)
E11	17378	20-11	0745	Fri	348/00	USB	(AB-POL)
E11	12424	20-11	0830	Fri	188/00	USB	(AB)
E11	8597	20-11	1000	Fri	309/00	USB	(AB/MPJ)
E11	5082	20-11	1530	Fri	525/00	USB	(AB/MPJ)
E11	6849	20-11	1650	Fri	924/00	USB	(AB/MPJ)
E11	10487	20-11	1910	Fri	614/00	USB	(AB-POL/MPJ)
E11	4505	21-11	0710	Sat	490/00	USB	(AB)
E11	4909	21-11	0805	Sat	316/00	USB	(AB)
E11	4505	21-11	1705	Sat	399/00	USB	(AB/MPJ)
E11	4909	21-11	1930	Sat	366/00	USB	(AB/MPJ)
E11	4505	22-11	0710	Sun	496/00	USB	(AB/HFD)
E11	4909	22-11	0805	Sun	315/00	USB	(AB)
E11	5344	22-11	1605	Sun	230/00	USB	(AB/MPJ)
E11	5082	22-11	1625	Sun	978/00	USB	(AB/MPJ)
E11	6949	22-11	1650	Sun	929/00	USB	(AB/MPJ)
E11	12924	22-11	1745	Sun	249/00	USB	(AB)
E11	10487	22-11	1910	Sun	611/00	USB	(AB/MPJ)
E11	4909	22-11	1930	Sun	360/00	USB	(AB)
E11	4909	23-11	0450	Mon	411/00	USB	(AB/HFD)
E11	11450	23-11	0640	Mon	944/00	USB	(AB)
E11	10213	23-11	0745	Mon	269/00	USB	(AB)
E11	12424	23-11	0830	Mon	188/00	USB	(AB)
E11	12067	23-11	0845	Mon	714/00	USB	(AB)
E11	8597	23-11	0900	Mon	535/00	USB	(AB)
E11	7984	23-11	1045	Mon	690/00	USB	(AB)
E11	5082	23-11	1530	Mon	524/00	USB	(AB/MPJ)
E11	6849	23-11	1900	Mon	646/00	USB	(AB)
E11	7840	24-11	0645	Tue	517/00	USB	(AB)
E11	6804	24-11	0700	Tue	574/00	USB	(AB)
E11	9130	24-11	0715	Tue	634/00	USB	(AB)
E11	13908	24-11	0745	Tue	223/00	USB	(AB)
E11	14611	24-11	0830	Tue	133/00	USB	(AB-POL)
E11	12089	24-11	0845	Tue	156/00	USB	(AB)
E11	8597	24-11	1000	Tue	300/00	USB	(AB)
E11	6433	24-11	1205	Tue	460/00	USB	(AB)
E11	13363	24-11	1345	Tue	915/00	USB	(AB)
E11	11450	25-11	0640	Wed	940/00	USB	(AB)

E11	17378	25-11	0745	Wed	346/00	USB	(AB)
E11	14611	25-11	0820	Wed	131/00	USB	(AB-POL)
E11	12067	25-11	0845	Wed	711/00	USB	(AB)
E11	8597	25-11	0900	Wed	533/00	USB	(AB)
E11	7469	25-11	0930	Wed	275/00	USB	(AB)
E11	7984	25-11	1045	Wed	697/00	USB	(AB)
E11	6433	25-11	1205	Wed	466/00	USB	(AB)
E11	5082	25-11	1625	Wed	976/00	USB	(AB/MPJ)
E11	4505	25-11	1705	Wed	392/00	USB	(AB/MPJ)
E11	7840	26-11	0645	Thu	519/00	USB	(AB)
E11	13908	26-11	0745	Thu	228/00	USB	(AB)
E11	5149	26-11	0820	Thu	430/00	USB	(AB)
E11	12089	26-11	0845	Thu	150/00	USB	(AB)
E11	7469	26-11	0930	Thu	279/00	USB	(AB)
E11	5409	26-11	1530	Thu	269/00	USB	(AB/MPJ)
E11	5779	26-11	1730	Thu	413/00	USB	(AB/MPJ)
E11	6849	26-11	1900	Thu	641/00	USB	(AB-POL)
E11	6804	27-11	0700	Fri	579/00	USB	(AB)
E11	9130	27-11	0715	Fri	631/00	USB	(AB)
E11	17378	27-11	0745	Fri	347/00	USB	(AB-POL)
E11	5149	27-11	0820	Fri	435/00	USB	(AB)
E11	12424	27-11	0830	Fri	183/00	USB	(AB)
E11	8597	27-11	1000	Fri	302/00	USB	(AB)
E11	5082	27-11	1530	Fri	527/00	USB	(AB/GHn/MPJ)
E11	6849	27-11	1650	Fri	921/00	USB	(AB)
E11	10487	27-11	1910	Fri	614/00	USB	(MPJ)
E11	4505	28-11	0710	Sat	495/00	USB	(AB)
E11	4909	28-11	0805	Sat	311/00	USB	(AB)
E11	13363	28-11	1345	Sat	914/00	USB	(MPJ)
E11	4505	28-11	1705	Sat	393/00	USB	(AB/GHn/MPJ)
E11	4909	28-11	1930	Sat	365/00	USB	(AB)
E11	4505	29-11	0710	Sun	496/00	USB	(AB)
E11	4909	29-11	0805	Sun	312/00	USB	(AB)
E11	5082	29-11	1625	Sun	970/00	USB	(AB/MPJ)
E11	6949	29-11	1650	Sun	921/00	USB	(AB/MPJ)
E11	10487	29-11	1910	Sun	618/00	USB	(MPJ)
E11	4909	29-11	1930	Sun	365/00	USB	(AB/GHn/MPJ)
E11	4909	30-11	0450	Mon	414/00	USB	(AB)
E11	11450	30-11	0640	Mon	949/00	USB	(AB)
E11	10213	30-11	0745	Mon	266/00	USB	(AB)
E11	12424	30-11	0830	Mon	185/00	USB	(AB)
E11	12067	30-11	0845	Mon	715/00	USB	(AB)
E11	8597	30-11	0900	Mon	536/00	USB	(AB)
E11	7984	30-11	1045	Mon	694/00	USB	(AB)
E11	5082	30-11	1530	Mon	522/00	USB	(AB/MPJ)
E11	12924	30-11	1745	Mon	246/00	USB	(AB/MPJ)
E11	6849	30-11	1900	Mon	641/00	USB	(AB/MPJ)

E11a	4909	2-11	0450	Mon	410/32 Attention 33414 73482 49051 ... 81743 02090 68675 Attention (message repeated) Out	USB	(AB)
E11a	10213	2-11	0745	Mon	261/35 Attention 38240 90279 43071 ... 10086 82333 90579 Attention (message repeated) Out	USB	(AB/HFD)
E11a	12424	2-11	0830	Mon	182/34 Attention 67087 59767 33645 ... 55383 73478 13655 Attention (message repeated) Out	USB	(AB/HFD)
E11a	7840	3-11	0645	Tue	510/39 Attention 86698 89584 90249 ... 03943 32014 86974 Attention (message repeated) Out	USB	(AB/HFD)
E11a	6804	3-11	0700	Tue	577/34 Attention 34478 94920 19248 ... 59068 72110 16465 Attention (message repeated) Out	USB	(AB/HFD)
E11a	9130	3-11	0715	Tue	633/33 Attention 76988 06871 34867 ... 37491 31665 96435 Attention (message repeated) Out	USB	(AB/HFD)
E11a	13908	3-11	0745	Tue	220/34 Attention 77738 61968 43232 ... 23936 01257 84638 Attention (message repeated) Out	USB	(AB/HFD)
E11a	12089	3-11	0845	Tue	159/21 Attention 68414 74483 64422 ... 00734 45407 25016 Attention (message repeated) Out	USB	(AB)
E11a	6433	3-11	1205	Tue	465/35 Attention 10098 60001 14332 ... 18370 16916 32558 Attention (message repeated) Out	USB	(AB/HFD)
E11a	17378	4-11	0745	Wed	347/32 Attention 34338 59358 57601 ... 38570 32395 45444 Attention (message repeated) Out	USB	(AB/HFD)
E11a	7469	4-11	0930	Wed	271/35 Attention 37014 91524 36987 ... 67275 94080 73740 Attention (message repeated) Out	USB	(AB/HFD)
E11a	7984	4-11	1045	Wed	692/22 Attention 22583 61559 33225 ... 74079 04448 01800 Attention (message repeated) Out	USB	(AB/HFD)
E11a	6433	4-11	1205	Wed	465/35 Attention 10098 60001 14332 ... 18370 16916 32558 Attention (message repeated) Out	USB	(AB)
E11a	4505	4-11	1705	Wed	396/38 Attention 39805 81147 12366 ... 12281 57545 68266 Attention (message repeated) Out	USB	(AB/MPJ/HFD)
E11a	7840	5-11	0645	Thu	510/39 Attention 86698 89584 90249 ... 03943 32014 86974 Attention (message repeated) Out	USB	(AB)
E11a	13908	5-11	0745	Thu	220/34 Attention 77738 61968 43232 ... 23936 01257 84638 Attention (message repeated) Out	USB	(AB)
E11a	12089	5-11	0845	Thu	159/21 Attention 68414 74483 64422 ... 00734 45407 25016 Attention (message repeated) Out	USB	(AB)
E11a	7469	5-11	0930	Thu	271/35 Attention 37014 91524 36987 ... 67275 94080 73740 Attention (message repeated) Out	USB	(AB)
E11a	5409	5-11	1530	Thu	261/35 Attention 38240 90279 43071 ... 10086 82333 90579 Attention (message repeated) Out	USB	(AB/MPJ/HFD)
E11a	5779	5-11	1730	Thu	410/32 Attention 33414 73482 49051 ... 81743 02090 68675 Attention (message repeated) Out	USB	(AB/GHn/MPJ/HFD)
E11a	6804	6-11	0700	Fri	577/34 Attention 34478 94920 19248 ... 59068 72110 16465 Attention (message repeated) Out	USB	(AB)
E11a	9130	6-11	0715	Fri	633/33 Attention 76988 06871 34867 ... 37491 31665 96435 Attention (message repeated) Out	USB	(AB)
E11a	17378	6-11	0745	Fri	347/32 Attention 34338 59358 57601 ... 38570 32395 45444 Attention (message repeated) Out	USB	(AB-POL)
E11a	6849	6-11	1650	Fri	920/38 Attention 51250 24813 39299 ... 98521 96656 68850 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4909	7-11	0805	Sat	313/32 Attention 75844 85195 54339 ... 47933 01691 86822 Attention (message repeated) Out	USB	(AB)
E11a	4505	7-11	1705	Sat	396/38 Attention 39805 81147 12366 ... 12281 57545 68266 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4909	7-11	1930	Sat	365/32 Attention 07885 37486 96072 ... 21340 89106 93349 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4909	8-11	0805	Sun	313/32 Attention 75844 85195 54339 ... 47933 01691 86822 Attention (message repeated) Out	USB	(AB)
E11a	6949	8-11	1650	Sun	920/38 Attention 51250 24813 39299 ... 98521 96656 68850 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4909	8-11	1930	Sun	365/32 Attention 07885 37486 96072 ... 21340 89106 93349 Attention (message repeated) Out	USB	(AB/GHn/MPJ)
E11a	8597	9-11	0900	Mon	533/37 Attention 50606 51995 23838 ... 54291 10099 56872 Attention (message repeated) Out	USB	(AB)
E11a	5082	9-11	1530	Mon	520/31 Attention 27156 34219 43966 ... 39811 69242 42888 Attention (message repeated) Out	USB	(AB/IE-HOL/MPJ)
E11a	14611	10-11	0830	Tue	135/33 Attention 15316 26205 13111 ... 62537 91552 56698 Attention (message repeated) Out	USB	(AB-POL)
E11a	8597	10-11	1000	Tue	304/36 Attention 94349 30512 52320 ... 13535 99482 10539 Attention (message repeated) Out	USB	(AB)
E11a	14611	11-11	0820	Wed	135/33 Attention 15316 26205 13111 ... 62537 91662 56698 Attention (message repeated) Out	USB	(AB-POL)
E11a	8597	11-11	0900	Wed	533/37 Attention 50606 51995 23838 ... 54291 10099 56872 Attention (message repeated) Out	USB	(AB)
E11a	5082	11-11	1625	Wed	975/32 Attention 73208 99878 91405 ... 74081 04198 28870 Attention (message repeated) Out	USB	(AB/GHn/KG4ZFX/MPJ)
E11a	8597	13-11	1000	Fri	304/36 Attention 94349 30512 52320 ... 13535 99482 10539 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5082	13-11	1530	Fri	520/31 Attention 27156 34219 43966 ... 39811 69242 42888 Attention (message repeated) Out	USB	(AB/GHn/MPJ)
E11a	10487	13-11	1910	Fri	611/40 Attention 51049 09544 91559 ... 68605 25388 72045 Attention (message repeated) Out	USB	(AB-POL/MPJ-POL)
E11a	4505	14-11	0710	Sat	490/35 Attention 76649 10772 32091 ... 02106 48237 89077 Attention (message repeated) Out	USB	(AB)
E11a	4505	15-11	0710	Sun	490/35 Attention 76649 10772 32091 ... 02106 48237 89077 Attention (message repeated) Out	USB	(AB)
E11a	5082	15-11	1625	Sun	975/32 Attention 73208 99878 91405 ... 74081 04198 28870 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	10487	15-11	1910	Sun	611/40 Attention 51049 09544 91559 ... 68605 25388 72045 Attention (message repeated) Out	USB	(MPJ)
E11a	11450	16-11	0640	Mon	941/32 Attention 29406 23622 61565 ... 44715 70075 77000 Attention (message repeated) Out	USB	(AB)
E11a	6849	16-11	1900	Mon	644/31 Attention 28341 28787 72244 ... 57256 58709 48497 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	13363	17-11	1345	Tue	918/38 Attention 86500 47580 48598 ... 90315 29760 40011 Attention (message repeated) Out	USB	(MPJ)

E11a	11450	18-11	0640	Wed	941/32 Attention 29406 23622 61565 ... 44715 70075 77000 Attention (message repeated) Out	USB	(AB/HFD)
E11a	5149	19-11	0820	Thu	436/33 Attention 80908 60626 98246 ... 84156 04770 98611 Attention (message repeated) Out	USB	(AB)
E11a	6849	19-11	1900	Thu	644/31 Attention 28341 28787 72244 ... 57256 58709 48497 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	6280	20-11	0435	Fri	355/37 Attention 42554 42137 94994 ... 02290 85049 51909 Attention (message repeated) out	USB	(AB/HFD)
E11a	5149	20-11	0820	Fri	436/33 Attention 80908 60626 98246 ... 84156 04770 98611 Attention (message repeated) Out	USB	(AB)
E11a	13363	21-11	1345	Sat	918/38 Attention 86500 47580 48598 ... 90315 29760 40011 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	12924	23-11	1745	Mon	242/39 Attention 28544 81364 51804 ... 31530 02538 79431 Attention (message repeated) Out	USB	(AB-POL)
E11a	5344	24-11	1605	Tue	238/35 Attention 61487 94872 22704 ... 21360 79034 12544 Attention (message repeated) Out	USB	(AB)
E11a	5779	25-11	0315	Wed	25?/? unreadable message	USB	(AB)
E11a	5344	29-11	1605	Sun	238/35 Attention 61487 94872 22704 ... 21360 79034 12544 Attention (message repeated) Out	USB	(MPJ)
E11a	12924	29-11	1745	Sun	242/39 Attention 28544 81364 51804 ... 31530 02538 79431 Attention (message repeated) Out	USB	(MPJ)
E17z	11170	5-11	0800	Thu	217 498 5 80295 33504 61961 39308 71705 498 5 00000	USB	(AB/HFD)
E17z	9820	5-11	0810	Thu	217 498 5 80295 33504 61961 39308 71705 498 5 00000	USB	(AB/HFD)
E17z	11170	12-11	0800	Thu	217 498 5 80295 33504 61961 39308 71705 498 5 00000	USB	(AB)
E17z	9820	12-11	0810	Thu	217 498 5 80295 33504 61961 39308 71705 498 5 00000	USB	(AB)
E17z	11170	19-11	0800	Thu	217 463 5 80353 04587 36924 98924 08021 463 5 00000	USB	(AB)
E17z	9820	19-11	0810	Thu	217 463 5 80353 04587 36924 98924 08021 463 5 00000	USB	(AB)
E17z	8080	23-11	1440	Mon	274 938 15 91943 58456 74429 ... 03380 31979 71641 938 15 00000 then at 1450z: 274 (R) 06309 03380 31978 71641 938 15 00000	USB	(AB)
E17z	10240	24-11	1415	Tue	274 (R) 836 19 46692 63034 96502 ... 74983 08828 00897 836 19 00000	USB	(AB)
E17z	8080	24-11	1435	Tue	274 (R) 836 19 46692 63034 96502 ... 74983 08828 00897 836 19 00000	USB	(AB)
E17z	11170	26-11	0800	Thu	217 463 5 80353 04587 36924 98924 08021 463 5 00000	USB	(AB)
E17z	9820	26-11	0810	Thu	217 463 5 80353 04587 36924 98924 08021 463 5 00000	USB	(AB)
EGY	17426.7	18-11	0907	Wed	Unid Egyptian embassy clg SSTU: MFA Cairo	SITOR-A 100/170	(AB)
EGY	8121.7	24-11	1627	Tue	Egyptian diplo i.p.	SITOR-A 100/170	(AB)
F01	12177	2-11	1015	Mon	Russian diplo/intel. 91734 98739 80587 ... 08860 24793 88423 00000	FSK 200/500	(AB)
F01	10671	2-11	1025	Mon	Russian diplo/intel. 91734 98739 80587 ... 08860 24793 88423 00000	FSK 200/500	(AB/HFD)
F01	8024	2-11	1035	Mon	Russian diplo/intel. 91734 98739 80587 ... 08860 24793 88423 00000	FSK 200/500	(AB)
F01	12177	3-11	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/HFD)
F01	10671	3-11	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8024	3-11	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/HFD)
F01	12177	4-11	1015	Wed	Russian diplo/intel. 52422 77044 76297 ... 95304 03598 91433 00000	FSK 200/500	(AB)
F01	10671	4-11	1025	Wed	Russian diplo/intel. 52422 77044 76297 ... 95304 03598 91433 00000	FSK 200/500	(AB)
F01	8024	4-11	1035	Wed	Russian diplo/intel. 52422 77044 76297 ... 95304 03598 91433 00000	FSK 200/500	(AB)
F01	4546	4-11	1200	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	8172	4-11	1940	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	6791	4-11	1950	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	12177	5-11	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10671	5-11	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8024	5-11	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	12177	6-11	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	10671	6-11	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	8024	6-11	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	20741	6-11	2230	Fri	Russian diplo/intel. Header: 11177 00116 32594 06053 01889	FSK 200/500	(Danix-USA)
F01	18702	6-11	2240	Fri	Russian diplo/intel. Header: 11177 00116 32594 06053 01889	FSK 200/500	(Danix-USA)
F01	12177	9-11	1015	Mon	Russian diplo/intel. 33796 07076 92834 ... 41881 94417 00000	FSK 200/500	(AB)
F01	10671	9-11	1025	Mon	Russian diplo/intel. 33796 07076 92834 ... 41881 94417 00000	FSK 200/500	(AB)

F01	8024	9-11	1035	Mon	Russian diplo/intel. 33796 07076 92834 ... 41881 94417 00000	FSK 200/500	(AB)
F01	12177	10-11	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10671	10-11	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8024	10-11	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12177	11-11	1015	Wed	Russian diplo/intel. 30244 94967 52598 ... 33883 97435 00000	FSK 200/500	(AB)
F01	10671	11-11	1025	Wed	Russian diplo/intel. 30244 94967 52598 ... 33883 97435 00000	FSK 200/500	(AB)
F01	8024	11-11	1035	Wed	Russian diplo/intel. 30244 94967 52598 ... 33883 97435 00000	FSK 200/500	(AB)
F01	12177	12-11	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	10671	12-11	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	8024	12-11	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/MPJ)
F01	12177	13-11	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	10671	13-11	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	8024	13-11	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	20741	13-11	2230	Fri	Russian diplo/intel. Header: 11177 00116 53267 12054 01879	FSK 200/500	(Danix-USA)
F01	18702	13-11	2240	Fri	Russian diplo/intel. Header: 11177 00116 53267 12054 01879	FSK 200/500	(Danix-USA)
F01	12177	16-11	1015	Mon	Russian diplo/intel. 10935 01415 99309 ... 74317 51060 01445 00000	FSK 200/500	(AB)
F01	10671	16-11	1025	Mon	Russian diplo/intel. 10935 01415 99309 ... 74317 51060 01445 00000	FSK 200/500	(AB)
F01	8024	16-11	1035	Mon	Russian diplo/intel. 10935 01415 99309 ... 74317 51060 01445 00000	FSK 200/500	(AB)
F01	12177	17-11	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10671	17-11	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8024	17-11	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12177	18-11	1015	Wed	Russian diplo/intel. 22877 49387 04794 ... 25654 04417 00000	FSK 200/500	(AB)
F01	10671	18-11	1025	Wed	Russian diplo/intel. 22877 49387 04794 ... 25654 04417 00000	FSK 200/500	(AB)
F01	8024	18-11	1035	Wed	Russian diplo/intel. 22877 49387 04794 ... 25654 04417 00000	FSK 200/500	(AB)
F01	12177	19-11	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10671	19-11	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8024	19-11	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12177	20-11	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	10671	20-11	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	8024	20-11	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	12177	23-11	1015	Mon	Russian diplo/intel. 97165 81988 67181 ... 25995 64403 07423 00000	FSK 200/500	(AB)
F01	10671	23-11	1025	Mon	Russian diplo/intel. 97165 81988 67181 ... 25995 64403 07423 00000	FSK 200/500	(AB)
F01	8024	23-11	1035	Mon	Russian diplo/intel. 97165 81988 67181 ... 25995 64403 07423 00000	FSK 200/500	(AB)
F01	12177	24-11	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10671	24-11	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8024	24-11	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12177	25-11	1015	Wed	Russian diplo/intel. 99071 75101 00553 ... 10469 89906 10413 00000	FSK 200/500	(AB)
F01	10671	25-11	1025	Wed	Russian diplo/intel. 99071 75101 00553 ... 10469 89906 10413 00000	FSK 200/500	(AB)
F01	8024	25-11	1035	Wed	Russian diplo/intel. 99071 75101 00553 ... 10469 89906 10413 00000	FSK 200/500	(AB)
F01	12177	26-11	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10671	26-11	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	8024	26-11	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12177	27-11	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	10671	27-11	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	8024	27-11	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	12177	30-11	1015	Mon	Russian diplo/intel. 37016 51729 25868 ... 09577 91124 13437 00000	FSK 200/500	(AB)
F01	10671	30-11	1025	Mon	Russian diplo/intel. 37016 51729 25868 ... 09577 91124 13437 00000	FSK 200/500	(AB)



<b>F01</b>	8024	30-11	1035	Mon	Russian diplo/intel. 37016 51729 25868 ... 09577 91124 13437 00000	FSK 200/500	(AB)
<b>F03f</b>	8800	2-11	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	2-11	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	5-11	0735	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	5-11	0740	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	9-11	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	9-11	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	12-11	0735	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	12-11	0740	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	16-11	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	16-11	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	19-11	0735	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	19-11	0740	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	23-11	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	23-11	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	26-11	0735	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	26-11	0740	Thu	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	30-11	0735	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03f</b>	8800	30-11	0740	Mon	Polish intel.	FSK-2 400Bd/800Hz/496bp	(AB)
<b>F03j</b>	7837	2-11	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	2-11	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	4-11	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	4-11	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	4-11	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	4-11	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	5-11	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	5-11	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	9-11	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	9-11	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	11-11	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	11-11	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	12-11	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	12-11	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	16-11	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	16-11	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	18-11	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	18-11	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	19-11	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	19-11	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	23-11	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	23-11	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	25-11	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	25-11	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	25-11	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	7837	25-11	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	26-11	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	5946	26-11	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	7837	30-11	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7837	30-11	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03l	13424	2-11	0630	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	13424	2-11	0635	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8180	2-11	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8180	2-11	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	5737	4-11	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	5737	4-11	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	13424	4-11	0630	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	13424	4-11	0635	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8180	4-11	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8180	4-11	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	14415	5-11	0835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	14415	5-11	0840	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	13424	9-11	0630	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	13424	9-11	0635	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8180	9-11	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8180	9-11	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	4909	10-11	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	4909	10-11	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	14415	10-11	0835	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	14415	10-11	0840	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	5737	11-11	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	5737	11-11	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	13424	11-11	0630	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	13424	11-11	0635	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8180	11-11	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8180	11-11	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	5737	12-11	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	5737	12-11	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	14415	12-11	0835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	14415	12-11	0840	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	13424	16-11	0630	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	13424	16-11	0635	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8180	16-11	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8180	16-11	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	4909	17-11	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	4909	17-11	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	4909	17-11	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	4909	17-11	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	14415	17-11	0835	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	14415	17-11	0840	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	5737	18-11	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	5737	18-11	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	13424	18-11	0630	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	13424	18-11	0635	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8180	18-11	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	8180	18-11	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5737	19-11	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5737	19-11	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14415	19-11	0835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14415	19-11	0840	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13424	23-11	0630	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13424	23-11	0635	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8180	23-11	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8180	23-11	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14415	24-11	0835	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14415	24-11	0840	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5737	25-11	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5737	25-11	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13424	25-11	0630	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13424	25-11	0635	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8180	25-11	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8180	25-11	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14415	26-11	0835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14415	26-11	0840	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13424	30-11	0630	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13424	30-11	0635	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8180	30-11	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8180	30-11	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F06	10644	1-11	1530	Sun	Russian diplo/intel. 11166 10053 78451 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8159	1-11	1540	Sun	Russian diplo/intel. 11166 10053 78451 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7438	1-11	1550	Sun	Russian diplo/intel. 11166 10053 78451 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8174	2-11	0500	Mon	Russian diplo/intel. 11166 70059 12398 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7316	2-11	0510	Mon	Russian diplo/intel. 11166 70059 12398 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5929	2-11	0520	Mon	Russian diplo/intel. 11166 70059 12398 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14354	2-11	0700	Mon	Russian diplo/intel. Header: 11166 70202 15938 02026 02499	FSK 200/1000	(AB)
F06	12177	2-11	0710	Mon	Russian diplo/intel. Header: 11166 70202 15938 02026 02499	FSK 200/1000	(AB)
F06	10156	2-11	0720	Mon	Russian diplo/intel. Header: 11166 70202 15938 02026 02499	FSK 200/1000	(AB)
F06	14369	2-11	1200	Mon	Russian diplo/intel. Header: 11166 70202 15938 02026 02499	FSK 200/1000	(AB)
F06	12186	2-11	1210	Mon	Russian diplo/intel. Header: 11166 70202 15938 02026 02499	FSK 200/1000	(AB)
F06	10231	2-11	1220	Mon	Russian diplo/intel. Header: 11166 70202 15938 02026 02499	FSK 200/1000	(AB)
F06	9337	3-11	0030	Tue	Russian diplo/intel. 11166 60070 14789 03075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6920	3-11	0040	Tue	Russian diplo/intel. 11166 60070 14789 03075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5445	3-11	0050	Tue	Russian diplo/intel. 11166 60070 14789 03075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14354	3-11	0700	Tue	Russian diplo/intel. Headers: 11166 70202 65428 03027 01559 and 11166 70202 52476 03028 02299	FSK 200/1000	(AB)
F06	12177	3-11	0710	Tue	Russian diplo/intel. Headers: 11166 70202 65428 03027 01559 and 11166 70202 52476 03028 02299	FSK 200/1000	(AB)
F06	10156	3-11	0720	Tue	Russian diplo/intel. Headers: 11166 70202 65428 03027 01559 and 11166 70202 52476 03028 02299	FSK 200/1000	(AB)
F06	14369	3-11	1200	Tue	Russian diplo/intel. Headers: 11166 70202 65428 03027 01559 and 11166 70202 52476 03028 02299	FSK 200/1000	(AB)
F06	12186	3-11	1210	Tue	Russian diplo/intel. Headers: 11166 70202 65428 03027 01559 and 11166 70202 52476 03028 02299	FSK 200/1000	(AB)
F06	10231	3-11	1220	Tue	Russian diplo/intel. Headers: 11166 70202 65428 03027 01559 and 11166 70202 52476 03028 02299	FSK 200/1000	(AB)
F06	10536	3-11	1650	Tue	Russian diplo/intel. 11166 10053 98745 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8174	3-11	1700	Tue	Russian diplo/intel. 11166 10053 98745 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7318	3-11	1710	Tue	Russian diplo/intel. 11166 10053 98745 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)



F06	20082	4-11	0600	Wed	Russian diplo/intel. Header: 11166 40122 28794 31015 03709	FSK 200/1000	(AB-TWN)
F06	18207	4-11	0610	Wed	Russian diplo/intel. Header: 11166 40122 28794 31015 03709	FSK 200/1000	(AB-TWN)
F06	16141	4-11	0620	Wed	Russian diplo/intel. Header: 11166 40122 28794 31015 03709	FSK 200/1000	(AB-TWN)
F06	14354	4-11	0700	Wed	Russian diplo/intel. Header: 11166 70202 32596 04029 02459	FSK 200/1000	(AB)
F06	12177	4-11	0710	Wed	Russian diplo/intel. Header: 11166 70202 32596 04029 02459	FSK 200/1000	(AB)
F06	10156	4-11	0720	Wed	Russian diplo/intel. Header: 11166 70202 32596 04029 02459	FSK 200/1000	(AB)
F06	14369	4-11	1200	Wed	Russian diplo/intel. Header: 11166 70202 32596 04029 02459	FSK 200/1000	(AB)
F06	12186	4-11	1210	Wed	Russian diplo/intel. Header: 11166 70202 32596 04029 02459	FSK 200/1000	(AB)
F06	10231	4-11	1220	Wed	Russian diplo/intel. Header: 11166 70202 32596 04029 02459	FSK 200/1000	(AB)
F06	20082	5-11	0600	Thu	Russian diplo/intel. Header: 11166 40122 28794 31015 03709	FSK 200/1000	(AB-TWN)
F06	18207	5-11	0610	Thu	Russian diplo/intel. Header: 11166 40122 28794 31015 03709	FSK 200/1000	(AB-TWN)
F06	16141	5-11	0620	Thu	Russian diplo/intel. Header: 11166 40122 28794 31015 03709	FSK 200/1000	(AB-TWN)
F06	14354	5-11	0700	Thu	Russian diplo/intel. Headers: 11166 70202 12473 05030 01799 and 11166 70202 24865 05031 01619	FSK 200/1000	(AB)
F06	12177	5-11	0710	Thu	Russian diplo/intel. Headers: 11166 70202 12473 05030 01799 and 11166 70202 24865 05031 01619	FSK 200/1000	(AB)
F06	10156	5-11	0720	Thu	Russian diplo/intel. Headers: 11166 70202 12473 05030 01799 and 11166 70202 24865 05031 01619	FSK 200/1000	(AB)
F06	14369	5-11	1200	Thu	Russian diplo/intel. Headers: 11166 70202 12473 05030 01799 and 11166 70202 24865 05031 01619	FSK 200/1000	(AB/MPJ)
F06	12186	5-11	1210	Thu	Russian diplo/intel. Headers: 11166 70202 12473 05030 01799 and 11166 70202 24865 05031 01619	FSK 200/1000	(AB/MPJ)
F06	10231	5-11	1220	Thu	Russian diplo/intel. Headers: 11166 70202 12473 05030 01799 and 11166 70202 24865 05031 01619	FSK 200/1000	(AB/MPJ)
F06	8187	5-11	1350	Thu	Russian diplo/intel. Unreadable	FSK 200/1000	(MPJ)
F06	14354	6-11	0700	Fri	Russian diplo/intel. 11166 70202 64537 06056 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	12177	6-11	0710	Fri	Russian diplo/intel. 11166 70202 64537 06056 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10156	6-11	0720	Fri	Russian diplo/intel. 11166 70202 64537 06056 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	10644	8-11	1530	Sun	Russian diplo/intel. 11166 10053 79831 08001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	8159	8-11	1540	Sun	Russian diplo/intel. 11166 10053 79831 08001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	7438	8-11	1550	Sun	Russian diplo/intel. 11166 10053 79831 08001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	14354	9-11	0700	Mon	Russian diplo/intel. Header: 11166 70202 95632 09032 02739	FSK 200/1000	(AB)
F06	12177	9-11	0710	Mon	Russian diplo/intel. Header: 11166 70202 95632 09032 02739	FSK 200/1000	(AB)
F06	10156	9-11	0720	Mon	Russian diplo/intel. Header: 11166 70202 95632 09032 02739	FSK 200/1000	(AB)
F06	14369	9-11	1200	Mon	Russian diplo/intel. Header: 11166 70202 95632 09032 02739	FSK 200/1000	(AB)
F06	12186	9-11	1210	Mon	Russian diplo/intel. Header: 11166 70202 95632 09032 02739	FSK 200/1000	(AB)
F06	10231	9-11	1220	Mon	Russian diplo/intel. Header: 11166 70202 95632 09032 02739	FSK 200/1000	(AB)
F06	9337	10-11	0030	Tue	Russian diplo/intel. 11166 60070 14725 10001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	6920	10-11	0040	Tue	Russian diplo/intel. 11166 60070 14725 10001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	5445	10-11	0050	Tue	Russian diplo/intel. 11166 60070 14725 10001 00049 00000 00000 00000	FSK 200/1000	(AB)
F06	14354	10-11	0700	Tue	Russian diplo/intel. Headers: 11166 70202 84359 10033 01599 and 11166 70202 25478 10034 01779	FSK 200/1000	(AB)
F06	12177	10-11	0710	Tue	Russian diplo/intel. Headers: 11166 70202 84359 10033 01599 and 11166 70202 25478 10034 01779	FSK 200/1000	(AB)
F06	10156	10-11	0720	Tue	Russian diplo/intel. Headers: 11166 70202 84359 10033 01599 and 11166 70202 25478 10034 01779	FSK 200/1000	(AB)
F06	14369	10-11	1200	Tue	Russian diplo/intel. Headers: 11166 70202 84359 10033 01599 and 11166 70202 25478 10034 01779	FSK 200/1000	(AB/MPJ)
F06	12186	10-11	1210	Tue	Russian diplo/intel. Headers: 11166 70202 84359 10033 01599 and 11166 70202 25478 10034 01779	FSK 200/1000	(AB/MPJ)
F06	10231	10-11	1220	Tue	Russian diplo/intel. Headers: 11166 70202 84359 10033 01599 and 11166 70202 25478 10034 01779	FSK 200/1000	(AB/MPJ)
F06	10536	10-11	1650	Tue	Russian diplo/intel. 11166 10053 14789 10072 00049 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	8174	10-11	1700	Tue	Russian diplo/intel. 11166 10053 14789 10072 00049 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	7318	10-11	1710	Tue	Russian diplo/intel. 11166 10053 14789 10072 00049 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14438	11-11	0621	Wed	Russian diplo/intel i.p. Header: 11166 40122 32157 09018 03779	FSK 200/1000	(EW)
F06	14354	11-11	0700	Wed	Russian diplo/intel. Header: 11166 70202 87954 11035 02479	FSK 200/1000	(AB)
F06	12177	11-11	0710	Wed	Russian diplo/intel. Header: 11166 70202 87954 11035 02479	FSK 200/1000	(AB)
F06	10156	11-11	0720	Wed	Russian diplo/intel. Header: 11166 70202 87954 11035 02479	FSK 200/1000	(AB)

F06	20288	11-11	0900	Wed	Russian diplo/intel. Header: 11166 00052 69854 11072 02289	FSK 200/1000	(AB-RUS)
F06	18404	11-11	0910	Wed	Russian diplo/intel. Header: 11166 00052 69854 11072 02289	FSK 200/1000	(AB-RUS)
F06	16266	11-11	0920	Wed	Russian diplo/intel. Header: 11166 00052 69854 11072 02289	FSK 200/1000	(AB)
F06	14369	11-11	1200	Wed	Russian diplo/intel. Header: 11166 70202 87954 11035 02479	FSK 200/1000	(AB/MPJ)
F06	12186	11-11	1210	Wed	Russian diplo/intel. Header: 11166 70202 87954 11035 02479	FSK 200/1000	(AB/MPJ)
F06	10231	11-11	1220	Wed	Russian diplo/intel. Header: 11166 70202 87954 11035 02479	FSK 200/1000	(AB/MPJ)
F06	18182	12-11	0600	Thu	Russian diplo/intel. Header: 11166 40122 32157 09018 03779	FSK 200/1000	(AB-TWN/EW)
F06	16213	12-11	0610	Thu	Russian diplo/intel. Header: 11166 40122 32157 09018 03779	FSK 200/1000	(AB-KOR)
F06	14438	12-11	0620	Thu	Russian diplo/intel. Header: 11166 40122 32157 09018 03779	FSK 200/1000	(AB-KOR/EW)
F06	14354	12-11	0700	Thu	Russian diplo/intel. Headers: 11166 70202 85417 12036 01539 and 11166 70202 25178 12037 01739	FSK 200/1000	(AB)
F06	12177	12-11	0710	Thu	Russian diplo/intel. Headers: 11166 70202 85417 12036 01539 and 11166 70202 25178 12037 01739	FSK 200/1000	(AB)
F06	10156	12-11	0720	Thu	Russian diplo/intel. Headers: 11166 70202 85417 12036 01539 and 11166 70202 25178 12037 01739	FSK 200/1000	(AB)
F06	20288	12-11	0900	Thu	Russian diplo/intel. Header: 11166 00052 69854 11072 02289	FSK 200/1000	(AB)
F06	18404	12-11	0910	Thu	Russian diplo/intel. Header: 11166 00052 69854 11072 02289	FSK 200/1000	(AB)
F06	16266	12-11	0920	Thu	Russian diplo/intel. Header: 11166 00052 69854 11072 02289	FSK 200/1000	(AB)
F06	11122	12-11	1200	Thu	Russian diplo/intel. Headers: 11166 70202 85417 12036 01539 and 11166 70202 25178 12037 01739	FSK 200/1000	(Danix)
F06	9432	12-11	1210	Thu	Russian diplo/intel. Headers: 11166 70202 85417 12036 01539 and 11166 70202 25178 12037 01739	FSK 200/1000	(Danix)
F06	7685	12-11	1220	Thu	Russian diplo/intel. Headers: 11166 70202 85417 12036 01539 and 11166 70202 25178 12037 01739	FSK 200/1000	(Danix)
F06	11162	12-11	1330	Thu	Russian diplo/intel. 11166 80214 25837 12011 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9915	12-11	1340	Thu	Russian diplo/intel. 11166 80214 25837 12011 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8187	12-11	1350	Thu	Russian diplo/intel. 11166 80214 25837 12011 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13953	13-11	0700	Fri	Russian diplo/intel. Header: 11166 70202 34761 13038 03129	FSK 200/1000	(AB)
F06	12271	13-11	0710	Fri	Russian diplo/intel. Header: 11166 70202 34761 13038 03129	FSK 200/1000	(AB)
F06	9934	13-11	0720	Fri	Russian diplo/intel. Header: 11166 70202 34761 13038 03129	FSK 200/1000	(AB)
F06	11122	13-11	1200	Fri	Russian diplo/intel. Header: 11166 70202 34761 13038 03129	FSK 200/1000	(AB)
F06	9432	13-11	1210	Fri	Russian diplo/intel. Header: 11166 70202 34761 13038 03129	FSK 200/1000	(AB)
F06	7685	13-11	1220	Fri	Russian diplo/intel. Header: 11166 70202 34761 13038 03129	FSK 200/1000	(AB)
F06	10644	15-11	1530	Sun	Russian diplo/intel. 11166 10053 98745 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8159	15-11	1540	Sun	Russian diplo/intel. 11166 10053 98745 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7438	15-11	1550	Sun	Russian diplo/intel. 11166 10053 98745 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8174	16-11	0500	Mon	Russian diplo/intel. 11166 70059 35789 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7316	16-11	0510	Mon	Russian diplo/intel. 11166 70059 35789 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5929	16-11	0520	Mon	Russian diplo/intel. 11166 70059 35789 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14354	16-11	0700	Mon	Russian diplo/intel. Header: 11166 70202 35627 16039 02559	FSK 200/1000	(AB)
F06	12177	16-11	0710	Mon	Russian diplo/intel. Header: 11166 70202 35627 16039 02559	FSK 200/1000	(AB)
F06	10156	16-11	0720	Mon	Russian diplo/intel. Header: 11166 70202 35627 16039 02559	FSK 200/1000	(AB)
F06	14369	16-11	1200	Mon	Russian diplo/intel. Header: 11166 70202 35627 16039 02559	FSK 200/1000	(AB)
F06	12186	16-11	1210	Mon	Russian diplo/intel. Header: 11166 70202 35627 16039 02559	FSK 200/1000	(AB)
F06	10231	16-11	1220	Mon	Russian diplo/intel. Header: 11166 70202 35627 16039 02559	FSK 200/1000	(AB)
F06	9337	17-11	0030	Tue	Russian diplo/intel. 11166 60070 36941 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6920	17-11	0040	Tue	Russian diplo/intel. 11166 60070 36941 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5445	17-11	0050	Tue	Russian diplo/intel. 11166 60070 36941 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14354	17-11	0700	Tue	Russian diplo/intel. Headers: 11166 70202 09851 17040 01559 and 11166 70202 53128 17041 01759	FSK 200/1000	(AB)
F06	12177	17-11	0710	Tue	Russian diplo/intel. Headers: 11166 70202 09851 17040 01559 and 11166 70202 53128 17041 01759	FSK 200/1000	(AB)
F06	10156	17-11	0720	Tue	Russian diplo/intel. Headers: 11166 70202 09851 17040 01559 and 11166 70202 53128 17041 01759	FSK 200/1000	(AB)
F06	14369	17-11	1200	Tue	Russian diplo/intel. Headers: 11166 70202 09851 17040 01559 and 11166 70202 53128 17041 01759	FSK 200/1000	(AB)
F06	12186	17-11	1210	Tue	Russian diplo/intel. Headers: 11166 70202 09851 17040 01559 and 11166 70202 53128 17041 01759	FSK 200/1000	(AB)

F06	10231	17-11	1220	Tue	Russian diplo/intel. Headers: 11166 70202 09851 17040 01559 and 11166 70202 53128 17041 01759	FSK 200/1000	(AB)
F06	10536	17-11	1650	Tue	Russian diplo/intel. 11166 10053 25874 17072 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	8174	17-11	1700	Tue	Russian diplo/intel. 11166 10053 25874 17072 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	7318	17-11	1710	Tue	Russian diplo/intel. 11166 10053 25874 17072 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14354	18-11	0700	Wed	Russian diplo/intel. Header: 11166 70202 54831 18042 02379	FSK 200/1000	(AB)
F06	12177	18-11	0710	Wed	Russian diplo/intel. Header: 11166 70202 54831 18042 02379	FSK 200/1000	(AB/EW)
F06	10156	18-11	0720	Wed	Russian diplo/intel. Header: 11166 70202 54831 18042 02379	FSK 200/1000	(AB)
F06	14369	18-11	1200	Wed	Russian diplo/intel. Header: 11166 70202 54831 18042 02379	FSK 200/1000	(AB)
F06	12186	18-11	1210	Wed	Russian diplo/intel. Header: 11166 70202 54831 18042 02379	FSK 200/1000	(AB)
F06	10231	18-11	1220	Wed	Russian diplo/intel. Header: 11166 70202 54831 18042 02379	FSK 200/1000	(AB)
F06	11122	19-11	1200	Thu	Russian diplo/intel. File 44402 Header: 44400 00000 00000 18002 00009 encrypted message	FSK 200/1000	(AB)
F06	9432	19-11	1210	Thu	Russian diplo/intel. File 44402 Header: 44400 00000 00000 18002 00009 encrypted message	FSK 200/1000	(AB)
F06	7685	19-11	1220	Thu	Russian diplo/intel. File 44402 Header: 44400 00000 00000 18002 00009 encrypted message	FSK 200/1000	(AB)
F06	11162	19-11	1330	Thu	Russian diplo/intel. 11166 80214 75643 19045 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9915	19-11	1340	Thu	Russian diplo/intel. 11166 80214 75643 19045 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	8187	19-11	1350	Thu	Russian diplo/intel. 11166 80214 75643 19045 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18175	20-11	0600	Fri	Russian diplo/intel. 11100 80050 45612 19069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	16213	20-11	0610	Fri	Russian diplo/intel. 11100 80050 45612 19069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14438	20-11	0620	Fri	Russian diplo/intel. 11100 80050 45612 19069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13953	20-11	0700	Fri	Russian diplo/intel. 11100 00000 00000 20067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12271	20-11	0710	Fri	Russian diplo/intel. 11100 00000 00000 20067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9934	20-11	0720	Fri	Russian diplo/intel. 11100 00000 00000 20067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11122	20-11	1200	Fri	Russian diplo/intel. 11100 00000 00000 20067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9432	20-11	1210	Fri	Russian diplo/intel. 11100 00000 00000 20067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7685	20-11	1220	Fri	Russian diplo/intel. 11100 00000 00000 20067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10644	22-11	1530	Sun	Russian diplo/intel. 11166 10053 14789 22069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8159	22-11	1540	Sun	Russian diplo/intel. 11166 10053 14789 22069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7438	22-11	1550	Sun	Russian diplo/intel. 11166 10053 14789 22069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13953	23-11	0700	Mon	Russian diplo/intel. Headers: 11100 00000 00000 23003 03029 and 11100 00000 00000 23004 03029	FSK 200/1000	(AB)
F06	12271	23-11	0710	Mon	Russian diplo/intel. Headers: 11100 00000 00000 23003 03029 and 11100 00000 00000 23004 03029	FSK 200/1000	(AB)
F06	9934	23-11	0720	Mon	Russian diplo/intel. Headers: 11100 00000 00000 23003 03029 and 11100 00000 00000 23004 03029	FSK 200/1000	(AB)
F06	11122	23-11	1200	Mon	Russian diplo/intel. Headers: 11100 00000 00000 23003 03029 and 11100 00000 00000 23004 03029	FSK 200/1000	(AB/Danix)
F06	9432	23-11	1210	Mon	Russian diplo/intel. Headers: 11100 00000 00000 23003 03029 and 11100 00000 00000 23004 03029	FSK 200/1000	(AB/Danix)
F06	7685	23-11	1220	Mon	Russian diplo/intel. Headers: 11100 00000 00000 23003 03029 and 11100 00000 00000 23004 03029	FSK 200/1000	(AB/Danix)
F06	11122	23-11	1300	Mon	Russian diplo/intel. Headers: 11166 70202 85417 12036 01539 and 11166 70202 25178 12037 01739	FSK 200/1000	(Danix)
F06	9432	23-11	1310	Mon	Russian diplo/intel. Headers: 11166 70202 85417 12036 01539 and 11166 70202 25178 12037 01739	FSK 200/1000	(Danix)
F06	7685	23-11	1320	Mon	Russian diplo/intel. Headers: 11166 70202 85417 12036 01539 and 11166 70202 25178 12037 01739	FSK 200/1000	(Danix)
F06	9337	24-11	0030	Tue	Russian diplo/intel. 11166 60070 36549 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6920	24-11	0040	Tue	Russian diplo/intel. 11166 60070 36549 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5445	24-11	0050	Tue	Russian diplo/intel. 11166 60070 36549 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18175	24-11	0600	Tue	Russian diplo/intel.	FSK 200/1000	(AB-RUS)
F06	16213	24-11	0610	Tue	Russian diplo/intel.	FSK 200/1000	(AB-RUS)
F06	14438	24-11	0620	Tue	Russian diplo/intel.	FSK 200/1000	(AB-RUS)
F06	13953	24-11	0700	Tue	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	12271	24-11	0710	Tue	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	9934	24-11	0720	Tue	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	12208	24-11	0800	Tue	Russian diplo/intel. Header: 11100 00000 15798 23063 01899	FSK 200/1000	(AB)

F06	10191	24-11	0810	Tue	Russian diplo/intel. Header: 11100 00000 15798 23063 01899	FSK 200/1000	(AB)
F06	8014	24-11	0820	Tue	Russian diplo/intel. Header: 11100 00000 15798 23063 01899	FSK 200/1000	(AB)
F06	11122	24-11	1200	Tue	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	9432	24-11	1210	Tue	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	7685	24-11	1220	Tue	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	10536	24-11	1650	Tue	Russian diplo/intel. 11166 10053 86241 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	8174	24-11	1700	Tue	Russian diplo/intel. 11166 10053 86241 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	7318	24-11	1710	Tue	Russian diplo/intel. 11166 10053 86241 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	18175	25-11	0600	Wed	Russian diplo/intel. Header: 11100 80050 48925 21022 10029	FSK 200/1000	(AB-KOR)
F06	20082	25-11	0600	Wed	Russian diplo/intel. Header: 11166 40122 16984 21021 03179	FSK 200/1000	(EW/Danix)
F06	16213	25-11	0610	Wed	Russian diplo/intel. Header: 11100 80050 48925 21022 10029	FSK 200/1000	(AB-RUS)
F06	18207	25-11	0610	Wed	Russian diplo/intel. Header: 11166 40122 16984 21021 03179	FSK 200/1000	(EW)
F06	14438	25-11	0620	Wed	Russian diplo/intel. Header: 11100 80050 48925 21022 10029	FSK 200/1000	(AB-RUS)
F06	16141	25-11	0620	Wed	Russian diplo/intel. Header: 11166 40122 16984 21021 03179	FSK 200/1000	(EW)
F06	13953	25-11	0700	Wed	Russian diplo/intel. Header: 11100 00000 00000 24012 10029	FSK 200/1000	(AB)
F06	12271	25-11	0710	Wed	Russian diplo/intel. Header: 11100 00000 00000 24012 10029	FSK 200/1000	(AB)
F06	9934	25-11	0720	Wed	Russian diplo/intel. Header: 11100 00000 00000 24012 10029	FSK 200/1000	(AB)
F06	20288	25-11	0900	Wed	Russian diplo/intel. Header: 11166 00052 34587 25073 01829	FSK 200/1000	(AB-RUS)
F06	18404	25-11	0910	Wed	Russian diplo/intel. Header: 11166 00052 34587 25073 01829	FSK 200/1000	(AB-RUS)
F06	16266	25-11	0920	Wed	Russian diplo/intel. Header: 11166 00052 34587 25073 01829	FSK 200/1000	(AB)
F06	11122	25-11	1200	Wed	Russian diplo/intel. Header: 11100 00000 00000 24012 10029	FSK 200/1000	(AB)
F06	9432	25-11	1210	Wed	Russian diplo/intel. Header: 11100 00000 00000 24012 10029	FSK 200/1000	(AB)
F06	7685	25-11	1220	Wed	Russian diplo/intel. Header: 11100 00000 00000 24012 10029	FSK 200/1000	(AB)
F06	20082	26-11	0600	Thu	Russian diplo/intel. Header: 11166 40122 16984 21021 03179	FSK 200/1000	(AB-TWN)
F06	18207	26-11	0610	Thu	Russian diplo/intel. Header: 11166 40122 16984 21021 03179	FSK 200/1000	(AB-TWN/EW)
F06	16141	26-11	0620	Thu	Russian diplo/intel. Header: 11166 40122 16984 21021 03179	FSK 200/1000	(AB-TWN)
F06	20288	26-11	0900	Thu	Russian diplo/intel. Header: 11166 00052 34587 25073 01829	FSK 200/1000	(AB-RUS)
F06	18404	26-11	0910	Thu	Russian diplo/intel. Header: 11166 00052 34587 25073 01829	FSK 200/1000	(AB-RUS)
F06	16266	26-11	0920	Thu	Russian diplo/intel. Header: 11166 00052 34587 25073 01829	FSK 200/1000	(AB)
F06	11122	26-11	1200	Thu	Russian diplo/intel. File 44413 Header: 44400 00000 00000 26013 00009 encrypted message	FSK 200/1000	(AB)
F06	9432	26-11	1210	Thu	Russian diplo/intel. File 44413 Header: 44400 00000 00000 26013 00009 encrypted message	FSK 200/1000	(AB)
F06	7685	26-11	1220	Thu	Russian diplo/intel. File 44413 Header: 44400 00000 00000 26013 00009 encrypted message	FSK 200/1000	(AB)
F06	11162	26-11	1330	Thu	Russian diplo/intel. 11166 80214 54139 26071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9915	26-11	1340	Thu	Russian diplo/intel. 11166 80214 54139 26071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8187	26-11	1350	Thu	Russian diplo/intel. 11166 80214 54139 26071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18175	27-11	0600	Fri	Russian diplo/intel. 11100 80050 45632 26069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	16213	27-11	0610	Fri	Russian diplo/intel. 11100 80050 45632 26069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	14438	27-11	0620	Fri	Russian diplo/intel. 11100 80050 45632 26069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	13953	27-11	0700	Fri	Russian diplo/intel. 11100 00000 00000 27087 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12271	27-11	0710	Fri	Russian diplo/intel. 11100 00000 00000 27087 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9934	27-11	0720	Fri	Russian diplo/intel. 11100 00000 00000 27087 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11122	27-11	1200	Fri	Russian diplo/intel. 11100 00000 00000 27087 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9432	27-11	1210	Fri	Russian diplo/intel. 11100 00000 00000 27087 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7685	27-11	1220	Fri	Russian diplo/intel. 11100 00000 00000 27087 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10644	29-11	1530	Sun	Russian diplo/intel. Header: 11166 10053 96385 27069 01689	FSK 200/1000	(AB/MPJ)
F06	8159	29-11	1540	Sun	Russian diplo/intel. Header: 11166 10053 96385 27069 01689	FSK 200/1000	(AB/MPJ)
F06	7438	29-11	1550	Sun	Russian diplo/intel. Header: 11166 10053 96385 27069 01689	FSK 200/1000	(AB/MPJ)



F06	18175	30-11	0600	Mon	Russian diplo/intel. Headers: 11100 80050 63289 28024 03029 and 11100 80050 35487 28025 03029	FSK 200/1000	(AB-J)
F06	16213	30-11	0610	Mon	Russian diplo/intel. Headers: 11100 80050 63289 28024 03029 and 11100 80050 35487 28025 03029	FSK 200/1000	(AB-J)
F06	14438	30-11	0620	Mon	Russian diplo/intel. Headers: 11100 80050 63289 28024 03029 and 11100 80050 35487 28025 03029	FSK 200/1000	(AB-TWN)
F06	13953	30-11	0700	Mon	Russian diplo/intel. Headers: 11100 00000 00000 27014 03029 and 11100 00000 00000 27015 03029	FSK 200/1000	(AB)
F06	12271	30-11	0710	Mon	Russian diplo/intel. Headers: 11100 00000 00000 27014 03029 and 11100 00000 00000 27015 03029	FSK 200/1000	(AB)
F06	9934	30-11	0720	Mon	Russian diplo/intel. Headers: 11100 00000 00000 27014 03029 and 11100 00000 00000 27015 03029	FSK 200/1000	(AB)
F06	10191	30-11	0810	Mon	Russian diplo/intel. Header: 11100 00000 13684 27064 05439	FSK 200/1000	(AB)
F06	11122	30-11	1200	Mon	Russian diplo/intel. Headers: 11100 00000 00000 27014 03029 and 11100 00000 00000 27015 03029	FSK 200/1000	(AB)
F06	9432	30-11	1210	Mon	Russian diplo/intel. Headers: 11100 00000 00000 27014 03029 and 11100 00000 00000 27015 03029	FSK 200/1000	(AB)
F06	7685	30-11	1220	Mon	Russian diplo/intel. Headers: 11100 00000 00000 27014 03029 and 11100 00000 00000 27015 03029	FSK 200/1000	(AB)
F06	10644	30-11	1530	Mon	Russian diplo/intel. Header: 11166 10053 96385 27069 01689	FSK 200/1000	(AB)
F06	8159	30-11	1540	Mon	Russian diplo/intel. Header: 11166 10053 96385 27069 01689	FSK 200/1000	(AB)
F06	7438	30-11	1550	Mon	Russian diplo/intel. Header: 11166 10053 96385 27069 01689	FSK 200/1000	(AB)
F06a	20875	1-11	1500	Sun	Russian diplo/intel. File 04440 (912 bytes)	FSK 200/1000	(AB-RUS/MPJ/RL)
F06a	17511	1-11	1515	Sun	Russian diplo/intel. File 04440 (912 bytes)	FSK 200/1000	(AB-RUS/MPJ/RL)
F06a	15747	1-11	1530	Sun	Russian diplo/intel. File 04440 (912 bytes)	FSK 200/1000	(AB/MPJ/RL)
F06a	5116	5-11	0500	Thu	Russian diplo/intel. File 04447 (992 bytes)	FSK 200/1000	(AB)
F06a	4814	5-11	0515	Thu	Russian diplo/intel. File 04447 (992 bytes)	FSK 200/1000	(AB)
F06a	3727	5-11	0530	Thu	Russian diplo/intel. File 04447 (992 bytes)	FSK 200/1000	(AB)
F06a	5116	6-11	0500	Fri	Russian diplo/intel. File 04447 (992 bytes)	FSK 200/1000	(AB)
F06a	4814	6-11	0515	Fri	Russian diplo/intel. File 04447 (992 bytes)	FSK 200/1000	(AB)
F06a	3727	6-11	0530	Fri	Russian diplo/intel. File 04447 (992 bytes)	FSK 200/1000	(AB)
F06a	20937	7-11	1500	Sat	Russian diplo/intel. File 04441 (1120 bytes)	FSK 200/1000	(AB-RUS)
F06a	18644	7-11	1515	Sat	Russian diplo/intel. File 04441 (1120 bytes)	FSK 200/1000	(AB-RUS/MPJ/RL)
F06a	16241	7-11	1530	Sat	Russian diplo/intel. File 04441 (1120 bytes)	FSK 200/1000	(AB/MPJ/RL)
F06a	20937	8-11	1500	Sun	Russian diplo/intel. File 04441 (1120 bytes)	FSK 200/1000	(AB-RUS/MPJ-E)
F06a	18644	8-11	1515	Sun	Russian diplo/intel. File 04441 (1120 bytes)	FSK 200/1000	(AB-RUS/MPJ-E)
F06a	16241	8-11	1530	Sun	Russian diplo/intel. File 04441 (1120 bytes)	FSK 200/1000	(AB/MPJ-E)
F06a	5116	12-11	0500	Thu	Russian diplo/intel. File 04448 (1424 bytes)	FSK 200/1000	(AB)
F06a	4814	12-11	0515	Thu	Russian diplo/intel. File 04448 (1424 bytes)	FSK 200/1000	(AB)
F06a	3727	12-11	0530	Thu	Russian diplo/intel. File 04448 (1424 bytes)	FSK 200/1000	(AB)
F06a	5116	13-11	0500	Fri	Russian diplo/intel. File 04448 (1424 bytes)	FSK 200/1000	(AB)
F06a	4814	13-11	0515	Fri	Russian diplo/intel. File 04448 (1424 bytes)	FSK 200/1000	(AB)
F06a	3727	13-11	0530	Fri	Russian diplo/intel. File 04448 (1424 bytes)	FSK 200/1000	(AB)
F06a	20937	14-11	1500	Sat	Russian diplo/intel. File 04442 (1152 bytes)	FSK 200/1000	(AB-RUS/MPJ-POL)
F06a	18644	14-11	1515	Sat	Russian diplo/intel. File 04442 (1152 bytes)	FSK 200/1000	(AB-RUS/MPJ-POL)
F06a	16241	14-11	1530	Sat	Russian diplo/intel. File 04442 (1152 bytes)	FSK 200/1000	(AB/MPJ-POL)
F06a	20937	15-11	1500	Sun	Russian diplo/intel. File 04442 (1152 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	18644	15-11	1515	Sun	Russian diplo/intel. File 04442 (1152 bytes)	FSK 200/1000	(AB-RUS/MPJ)
F06a	16241	15-11	1530	Sun	Russian diplo/intel. File 04442 (1152 bytes)	FSK 200/1000	(AB/MPJ)
F06a	5116	19-11	0500	Thu	Russian diplo/intel. File 04449 (912 bytes)	FSK 200/1000	(AB)
F06a	4814	19-11	0515	Thu	Russian diplo/intel. File 04449 (912 bytes)	FSK 200/1000	(AB)
F06a	3727	19-11	0530	Thu	Russian diplo/intel. File 04449 (912 bytes)	FSK 200/1000	(AB)
F06a	18175	19-11	0600	Thu	Russian diplo/intel. File: ?4408	FSK 200/1000	(AB-TWN)
F06a	16213	19-11	0610	Thu	Russian diplo/intel. File: ?4408	FSK 200/1000	(AB-KOR)
F06a	14438	19-11	0620	Thu	Russian diplo/intel. File: ?4408	FSK 200/1000	(AB-RUS)
F06a	13953	19-11	0700	Thu	Russian diplo/intel. File 44402 Header: 44400 00000 00000 18002 00009 encrypted message	FSK 200/1000	(AB)

<b>F06a</b>	12271	19-11	0710	Thu	Russian diplo/intel. File 44402 Header: 44400 00000 00000 18002 00009 encrypted message	FSK 200/1000	(AB)
<b>F06a</b>	9934	19-11	0720	Thu	Russian diplo/intel. File 44402 Header: 44400 00000 00000 18002 00009 encrypted message	FSK 200/1000	(AB)
<b>F06a</b>	5116	20-11	0500	Fri	Russian diplo/intel. File 04449 (912 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	4814	20-11	0515	Fri	Russian diplo/intel. File 04449 (912 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	3727	20-11	0530	Fri	Russian diplo/intel. File 04449 (912 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	20937	21-11	1500	Sat	Russian diplo/intel. File 04443 (1024 bytes)	FSK 200/1000	(AB-RUS)
<b>F06a</b>	18644	21-11	1515	Sat	Russian diplo/intel. File 04443 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ-HNG)
<b>F06a</b>	16241	21-11	1530	Sat	Russian diplo/intel. File 04443 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ-HNG)
<b>F06a</b>	20937	22-11	1500	Sun	Russian diplo/intel. File 04443 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
<b>F06a</b>	18644	22-11	1515	Sun	Russian diplo/intel. File 04443 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
<b>F06a</b>	16241	22-11	1530	Sun	Russian diplo/intel. File 04443 (1024 bytes)	FSK 200/1000	(AB-RUS/MPJ)
<b>F06a</b>	5116	26-11	0500	Thu	Russian diplo/intel. File 04450 (1488 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	4814	26-11	0515	Thu	Russian diplo/intel. File 04450 (1488 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	3727	26-11	0530	Thu	Russian diplo/intel. File 04450 (1488 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	18175	26-11	0600	Thu	Russian diplo/intel. File 44423 (1568 bytes)	FSK 200/1000	(AB-KOR)
<b>F06a</b>	16213	26-11	0610	Thu	Russian diplo/intel. File 44423 (1568 bytes)	FSK 200/1000	(AB-TWN)
<b>F06a</b>	14438	26-11	0620	Thu	Russian diplo/intel. File 44423 (1568 bytes)	FSK 200/1000	(AB-TWN)
<b>F06a</b>	13953	26-11	0700	Thu	Russian diplo/intel. File 44413 Header: 44400 00000 00000 26013 00009 encrypted message	FSK 200/1000	(AB)
<b>F06a</b>	12271	26-11	0710	Thu	Russian diplo/intel. File 44413 Header: 44400 00000 00000 26013 00009 encrypted message	FSK 200/1000	(AB)
<b>F06a</b>	9934	26-11	0720	Thu	Russian diplo/intel. File 44413 Header: 44400 00000 00000 26013 00009 encrypted message	FSK 200/1000	(AB)
<b>F06a</b>	5116	27-11	0500	Fri	Russian diplo/intel. File 04450 (1488 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	4814	27-11	0515	Fri	Russian diplo/intel. File 04450 (1488 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	3727	27-11	0530	Fri	Russian diplo/intel. File 04450 (1488 bytes)	FSK 200/1000	(AB)
<b>F06a</b>	20937	28-11	1500	Sat	Russian diplo/intel. File 04444 (1088 bytes)	FSK 200/1000	(AB-RUS/MPJ)
<b>F06a</b>	18644	28-11	1515	Sat	Russian diplo/intel. File 04444 (1088 bytes)	FSK 200/1000	(AB-RUS/MPJ)
<b>F06a</b>	16241	28-11	1530	Sat	Russian diplo/intel. File 04444 (1088 bytes)	FSK 200/1000	(AB-RUS/MPJ)
<b>F06a</b>	20937	29-11	1500	Sun	Russian diplo/intel. File 04444 (1088 bytes)	FSK 200/1000	(AB-RUS/MPJ/HFD)
<b>F06a</b>	18644	29-11	1515	Sun	Russian diplo/intel. File 04444 (1088 bytes)	FSK 200/1000	(AB-RUS/MPJ)
<b>F06a</b>	16241	29-11	1530	Sun	Russian diplo/intel. File 04444 (1088 bytes)	FSK 200/1000	(AB-RUS/MPJ)
<b>G06</b>	4519	12-11	1830	Thu	271 130 44 11532 37595 68553 ... 78223 80329 38780 130 44 00000	USB	(AB)
<b>G06</b>	4792	13-11	1930	Fri	436 130 44 11532 37595 68553 ... 78223 80329 38780 130 44 00000	USB	(AB/MPJ/HFD)
<b>HM01</b>	9330	1-11	0658	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
<b>HM01</b>	9065	1-11	0758	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
<b>HM01</b>	9240	1-11	0858	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
<b>HM01</b>	11530	1-11	1658	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB-USA)
<b>HM01</b>	11530	1-11	1730	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
<b>HM01</b>	11635	1-11	2110	Sun	i.p. 66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
<b>HM01</b>	10715	1-11	2158	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
<b>HM01</b>	9240	2-11	0858	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
<b>HM01</b>	9240	2-11	0958	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct). Should be on 9155 kHz	AM/RDFT	(AB)
<b>HM01</b>	11435	2-11	1600	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
<b>HM01</b>	11635	2-11	2058	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
<b>HM01</b>	10715	2-11	2158	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
<b>HM01</b>	11435	3-11	1600	Tue	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
<b>HM01</b>	9330	4-11	0658	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
<b>HM01</b>	9065	4-11	0758	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
<b>HM01</b>	9240	4-11	0858	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)

HM01	9155	4-11	0958	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	4-11	1600	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	10715	4-11	2158	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	11462	5-11	0900	Thu	i.p. 66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	5-11	1600	Thu	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	16180	5-11	2108	Thu	i.p. 66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	17480	5-11	2158	Thu	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	9330	6-11	0658	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	6-11	0758	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	6-11	0858	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)\	AM/RDFT	(AB)
HM01	9155	6-11	0958	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	6-11	1600	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11635	6-11	2058	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	10715	6-11	2158	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	11435	7-11	1630	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	16180	7-11	2058	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	17480	7-11	2158	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	9330	8-11	0658	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	8-11	0758	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	8-11	0858	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	8-11	1600	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	10715	8-11	2200	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(Dan)
HM01	9065	9-11	0758	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	9-11	0858	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9155	9-11	0958	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	9-11	1600	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11635	9-11	1759	Mon	i.p. 66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(JE)
HM01	11635	9-11	2058	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	10715	9-11	2158	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	11464	10-11	0858	Tue	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11530	10-11	1700	Tue	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	9330	11-11	0658	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	11-11	0758	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	11-11	0858	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9155	11-11	0958	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11635	11-11	1800	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11530	12-11	1730	Thu	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	10860	13-11	0458	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9330	13-11	0658	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	13-11	0758	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	13-11	0858	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)\	AM/RDFT	(AB)
HM01	9155	13-11	0958	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11530	13-11	1700	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11635	13-11	2058	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	10715	13-11	2158	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	13435	14-11	0658	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	14-11	1600	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)

HM01	9330	15-11	0658	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	15-11	0758	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	15-11	0858	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	15-11	1600	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	10860	16-11	0502	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	16-11	0758	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	16-11	0858	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9155	16-11	1002	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) Late start	AM/RDFT	(AB)
HM01	11530	16-11	1700	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11635	16-11	2058	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	11635	16-11	2058	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	10715	16-11	2158	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	10715	16-11	2158	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	11462	17-11	0503	Tue	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	16180	17-11	2100	Tue	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	17480	17-11	2159	Tue	i.p. 66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) Restart at 2201 UTC	AM/RDFT	(RL/Dan)
HM01	9330	18-11	0658	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	18-11	0758	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	18-11	0858	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9155	18-11	0958	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	18-11	1600	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	10715	18-11	2158	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	12180	19-11	0958	Thu	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11530	19-11	1700	Thu	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	16180	19-11	2105	Thu	i.p. 66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	17480	19-11	2158	Thu	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	10860	20-11	0458	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9330	20-11	0658	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	20-11	0758	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	20-11	0858	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9155	20-11	0958	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11635	20-11	1800	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11635	20-11	2058	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	11435	21-11	1600	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	9330	22-11	0658	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	22-11	0758	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	22-11	0858	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	22-11	1630	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	10715	22-11	2200	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(Dan)
HM01	9330	23-11	0658	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	23-11	0758	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	23-11	0858	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9155	23-11	0958	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	23-11	1600	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11435	24-11	1600	Tue	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	17480	24-11	2159	Tue	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) Restart at 2201 UTC	AM/RDFT	(Dan)
HM01	9330	25-11	0658	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)



HM01	9065	25-11	0758	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	25-11	0858	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9155	25-11	0958	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	25-11	1600	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	10715	25-11	2158	Wed	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	12180	26-11	0958	Thu	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	26-11	1600	Thu	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	9330	27-11	0658	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	27-11	0758	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	27-11	0858	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9155	27-11	0958	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	27-11	1600	Fri	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11435	28-11	1600	Sat	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	9330	29-11	0658	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9330	29-11	0758	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct) switched to 9065 kHz at 0803z	AM/RDFT	(AB)
HM01	9065	29-11	0803	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	29-11	0858	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11435	29-11	1600	Sun	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	9330	30-11	0658	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9065	30-11	0758	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9240	30-11	0858	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	9155	30-11	0958	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(AB)
HM01	11530	30-11	1730á	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RR2)
HM01	11635	30-11	2058	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
HM01	10715	30-11	2158	Mon	66012 17241 10803 16171 10125 67090 (repeat of 9 Oct)	AM/RDFT	(RL)
M01	5465	1-11	0700	Sun	197 451 451 30 30 = = 51695 01533 18819 ... 48138 50105 37497 = = 451 451 30 30 000	CW	(AB-FIN)
M01	5320	3-11	1800	Tue	Sent 31 groups 197 435 435 30 30 = = 48265 04727 95674 ... 76589 66744 99839 = = 435 435 30 30 000	CW	(AB/HFD)
M01	4490	3-11	2000	Tue	Sent 31 groups 197 246 246 30 30 = = 65040 27602 23456 ... 25618 44902 98353 = = 246 246 30 30 000	CW	(AB)
M01	5320	5-11	1800	Thu	197 876 878 = 30 30 = = 27814 75399 45550 ... 30992 11832 60132 = = 876 876 = 30 30 000	CW	(AB/MPJ)
M01	4490	5-11	2000	Thu	197 543 543 = 30 30 = = 52313 60551 05153 ... 67335 82916 04652 = = 543 543 = 30 30 000	CW	(AB)
M01	5465	8-11	0700	Sun	197 138 138 30 30 = = 75909 11220 18742 ... 12084 03338 34546 = = 138 138 30 30 000	CW	(AB)
M01	5320	10-11	1800	Tue	463 211 5 30 30 = = 84517 96902 27580 ... 49825 40265 30282 = = 211 211 30 30 000	CW	(AB/MPJ)
M01	4490	10-11	2000	Tue	463 233 233 30 30 = = 74407 85737 99743 ... 71705 45241 59154 = = 233 233 30 30 000	CW	(AB)
M01	5320	12-11	1800	Thu	197 444 444 30 30 = = 3x283 628xx 36990 ... 70x25 12826 286xx = = 444 444 30 30 000 Barely audible	CW	(AB/MPJ)
M01	4490	12-11	2000	Thu	197 300 300 30 30 = = 85680 81551 36474 ... 19721 45177 90132 = = 300 300 30 30 000	CW	(AB/HFD)
M01	5810	14-11	1500	Sat	197 813 813 30 30 = = 02500 82519 61042 ... 93602 53718 81300 = = 813 813 30 30 000	CW	(AB-RUS/MPJ/HFD)
M01	5465	15-11	0700	Sun	197 458 458 30 30 = = 12033 11654 (11564) 74951 ... 77955 88757 96863 = = 458 458 30 30 000	CW	(AB)
M01	5320	17-11	1800	Tue	197 310 310 = 30 30 = = 04298 21821 12630 ... 13436 21150 24846 = = 310 310 = 30 30 000	CW	(AB/MPJ-HOL)
M01	4490	17-11	2000	Tue	197 217 217 = 30 30 = = 88688 61718 14099 ... 95941 48675 24304 = = 217 217 = 30 30 000	CW	(AB)
M01	5320	19-11	1800	Thu	197 078 078 30 30 = = 76877 98868 97391 ... 74194 73911 29753 = = 078 078 30 30 000	CW	(MPJ)
M01	4490	19-11	2000	Thu	197 773 773 30 30 = = 23672 71817 65568 ... 68692 36340 99456 = = 773 773 30 30 000	CW	(AB)
M01	5810	21-11	1500	Sat	197 170 170 30 30 = = (510888) 51088 02803 89426 ... 36177 00109 39604 = = 170 170 = 30 30 000	CW	(AB-RUS/MPJ-HNG)
M01	5465	22-11	0700	Sun	197 661 661 30 30 = = 88736 54995 88611 ... 25169 43890 57098 = = 661 661 30 30 000	CW	(AB/HFD)
M01	5320	24-11	1800	Tue	197 unreadable	CW	(MPJ)
M01	4490	24-11	2000	Tue	197 735 735 30 30 = = 88286 11404 76293 ... 16565 20637 80213 = = 735 735 30 30 000	CW	(AB)
M01	5810	28-11	1500	Sat	197 547 547 30 30 = = 07170 61785 09037 ... 71691 51020 53399 = = 547 547 30 30 000	CW	(MPJ)
M01	5465	29-11	0700	Sun	197 642 642 30 30 = = 74477 71092 66766 ... 11440 19709 56282 = = 642 642 30 30 000	CW	(AB)

<b>M01a</b>	5293	11-11	1514	Wed	i.p. 333 12664 12664 12664 050 04 333 12128 12128 834 834 834 333 13504 13504 ...	CW	(Tom)
<b>M01a</b>	10651	24-11	0711	Tue	297 297 297 78007 78007 333 333 333	CW	(Tom)
<b>M12</b>	11054	1-11	0110	Sun	972 1 5628 210 26936 20198 89745 25393 89706 ... 82426 81878 10852 72989 43120 000 000	CW	(RL)
<b>M12</b>	10754	1-11	0130	Sun	972 1 5628 210 26936 20198 89745 25393 89706 ... 82426 81878 10852 72989 43120 000 000	CW	(RL)
<b>M12</b>	9254	1-11	0150	Sun	972 1 5628 210 26936 20198 89745 25393 89706 ... 82426 81878 10852 72989 43120 000 000	CW	(AB/RL)
<b>M12</b>	8119	1-11	0600	Sun	114 114 114 000	CW	(AB)
<b>M12</b>	9119	1-11	0620	Sun	114 114 114 000	CW	(AB/HFD)
<b>M12</b>	17432	1-11	0800	Sun	451 451 451 1 525 121 525 121 04065 11259 03748 ... 53460 58730 73757 000 000	CW	(AB)
<b>M12</b>	18532	1-11	0820	Sun	451 451 451 1 525 121 525 121 04065 11259 03748 ... 53460 58730 73757 000 000	CW	(AB/HFD)
<b>M12</b>	19132	1-11	0840	Sun	451 451 451 1 525 121 525 121 04065 11259 03748 ... 53460 58730 73757 000 000	CW	(AB/HFD)
<b>M12</b>	16275	2-11	0010	Mon	296 296 296 1 594 182 594 182 02943 33562 99178 ... 40925 78332 68981 000 000	CW	(Danix-KOR)
<b>M12</b>	15975	2-11	0030	Mon	296 296 296 1 594 182 594 182 02943 33562 99178 ... 40925 78332 68981 000 000	CW	(Danix-KOR)
<b>M12</b>	14675	2-11	0050	Mon	296 296 296 1 594 182 594 182 02943 33562 99178 ... 40925 78332 68981 000 000	CW	(Danix-KOR)
<b>M12</b>	14377	2-11	1300	Mon	317 317 317 1 6933 98 6933 98 17568 40344 97296 ... 25491 35092 72709 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	13461	2-11	1320	Mon	317 317 317 1 6933 98 6933 98 17568 40344 97296 ... 25491 35092 72709 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	12114	2-11	1340	Mon	317 317 317 1 6933 98 6933 98 17568 40344 97296 ... 25491 35092 72709 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	6937	2-11	2210	Mon	975 975 975 000	CW	(AB/RL)
<b>M12</b>	5737	2-11	2230	Mon	975 975 975 000	CW	(AB/RL)
<b>M12</b>	10446	2-11	2300	Mon	392 392 392 000	CW	(Danix)
<b>M12</b>	9046	2-11	2320	Mon	392 392 392 000	CW	(Danix)
<b>M12</b>	6874	3-11	0030	Tue	803 803 803 000	CW	(Danix)
<b>M12</b>	8074	3-11	0050	Tue	803 803 803 000	CW	(Danix)
<b>M12</b>	15831	3-11	0100	Tue	844 844 844 1 440 192 440 192 54678 51305 95250 ... 18684 40513 13289 000 000	CW	(Danix-KOR)
<b>M12</b>	14431	3-11	0120	Tue	844 844 844 1 440 192 440 192 54678 51305 95250 ... 18684 40513 13289 000 000	CW	(Danix-KOR)
<b>M12</b>	13431	3-11	0140	Tue	844 844 844 1 440 192 440 192 54678 51305 95250 ... 18684 40513 13289 000 000	CW	(Danix-KOR)
<b>M12</b>	9317	3-11	0530	Tue	135 135 135 1 5619 109 5619 109 55266 54214 71526 ... 69471 52421 46778 000 000	CW	(AB/HFD)
<b>M12</b>	10484	3-11	0550	Tue	135 135 135 1 5619 109 5619 109 55266 54214 71526 ... 69471 52421 46778 000 000	CW	(AB/HFD)
<b>M12</b>	8119	3-11	0600	Tue	114 114 114 1 8417 115 8417 115 26275 86207 81443 ... 33380 17902 72055 000 000	CW	(AB/HFD)
<b>M12</b>	11552	3-11	0610	Tue	135 135 135 1 5619 109 5619 109 55266 54214 71526 ... 69471 52421 46778 000 000	CW	(AB/HFD)
<b>M12</b>	9119	3-11	0620	Tue	114 114 114 1 8417 115 8417 115 26275 86207 81443 ... 33380 17902 72055 000 000	CW	(AB)
<b>M12</b>	10419	3-11	0640	Tue	114 114 114 1 8417 115 8417 115 26275 86207 81443 ... 33380 17902 72055 000 000	CW	(AB/HFD)
<b>M12</b>	11054	4-11	0110	Wed	972 1 359 160 48457 09783 51535 80021 38639 ... 41360 45235 24670 64910 33781 000 000	CW	(RL)
<b>M12</b>	10754	4-11	0130	Wed	972 1 359 160 48457 09783 51535 80021 38639 ... 41360 45235 24670 64910 33781 000 000	CW	(RL)
<b>M12</b>	9254	4-11	0150	Wed	972 1 359 160 48457 09783 51535 80021 38639 ... 41360 45235 24670 64910 33781 000 000	CW	(RL)
<b>M12</b>	17432	4-11	0800	Wed	451 451 451 000	CW	(AB)
<b>M12</b>	18532	4-11	0820	Wed	451 451 451 000	CW	(AB)
<b>M12</b>	12162	4-11	1710	Wed	546 546 546 1 1209 110 1209 110 22634 15848 04061 ... 85256 30919 84312 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	11566	4-11	1730	Wed	546 1 via KiwiSDR RUS	CW	(HFD-RUS)
<b>M12</b>	11566	4-11	1730	Wed	546 546 546 1 1209 110 1209 110 22634 15848 04061 ... 85256 30919 84312 000 000	CW	(AB/MPJ)
<b>M12</b>	10711	4-11	1750	Wed	546 546 546 1 1209 110 1209 110 22634 15848 04061 ... 85256 30919 84312 000 000	CW	(AB/MPJ)
<b>M12</b>	10711	4-11	1750	Wed	546 1 via KiwiSDR RUS	CW	(HFD-RUS)
<b>M12</b>	11435	4-11	1810	Wed	938 938 938 1 5052 76 5052 76 43602 66561 54337 ... 53925 85334 84356 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	10598	4-11	1830	Wed	938 1	CW	(HFD)
<b>M12</b>	10598	4-11	1830	Wed	938 938 938 1 5052 76 5052 76 43602 66561 54337 ... 53925 85334 84356 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	9327	4-11	1850	Wed	938 938 938 1 5052 76 5052 76 43602 66561 54337 ... 53925 85334 84356 000 000	CW	(AB/MPJ/HFD)
<b>M12</b>	7536	4-11	2050	Wed	581 581 581 000	CW	(AB/RL)
<b>M12</b>	6836	4-11	2110	Wed	581 581 581 000	CW	(AB/RL)

M12	12162	5-11	1700	Thu	546 546 546 1 3946 107 3946 107 59450 87079 52473 ... 56458 18974 98771 000 000	CW	(AB/MPJ)
M12	11566	5-11	1720	Thu	546 546 546 1 3946 107 3946 107 59450 87079 52473 ... 56458 18974 98771 000 000	CW	(AB/MPJ)
M12	10711	5-11	1740	Thu	546 546 546 1 3946 107 3946 107 59450 87079 52473 ... 56458 18974 98771 000 000	CW	(AB/MPJ)
M12	12162	5-11	1800	Thu	546 546 546 1 5769 110 5769 110 28943 90722 84930 ... 17628 19429 77655 000 000	CW	(AB/HFD)
M12	11566	5-11	1820	Thu	546 546 546 1 5769 110 5769 110 28943 90722 84930 ... 17628 19429 77655 000 000	CW	(AB/HFD)
M12	10711	5-11	1840	Thu	546 546 546 1 5769 110 5769 110 28943 90722 84930 ... 17628 19429 77655 000 000	CW	(AB/HFD)
M12	6937	5-11	2210	Thu	975 975 975 000	CW	(AB/RL)
M12	5737	5-11	2230	Thu	975 975 975 000	CW	(AB/RL)
M12	10446	5-11	2300	Thu	392 392 392 000	CW	(RL)
M12	9046	5-11	2320	Thu	392 392 392 000	CW	(AB/RL)
M12	6874	6-11	0030	Fri	803 803 803 000	CW	(AB)
M12	8074	6-11	0050	Fri	803 803 803 000	CW	(AB)
M12	7536	6-11	2050	Fri	581 581 581 000	CW	(AB/RL)
M12	6836	6-11	2110	Fri	581 581 581 000	CW	(AB/RL)
M12	6859	6-11	2200	Fri	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB/RL/HFD)
M12	7459	6-11	2220	Fri	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB/HFD)
M12	7959	6-11	2240	Fri	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB/RL)
M12	9959	6-11	2240	Fri	849 1 ...	CW	(HFD)
M12	6859	7-11	2200	Sat	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB/RL)
M12	7459	7-11	2220	Sat	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB)
M12	7959	7-11	2240	Sat	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB/RL)
M12	8119	8-11	0600	Sun	114 114 114 1 8417 115 8417 115 26275 86207 81443 ... 33380 17902 72055 000 000	CW	(AB)
M12	9119	8-11	0620	Sun	114 114 114 1 8417 115 8417 115 26275 86207 81443 ... 33380 17902 72055 000 000	CW	(AB)
M12	10419	8-11	0640	Sun	114 114 114 1 8417 115 8417 115 26275 86207 81443 ... 33380 17902 72055 000 000	CW	(AB)
M12	17432	8-11	0800	Sun	451 451 451 000	CW	(AB)
M12	18532	8-11	0820	Sun	451 451 451 000	CW	(AB)
M12	14377	9-11	1300	Mon	317 317 317 1 8668 99 8668 99 95078 69298 73022 ... 12685 40059 56007 000 000	CW	(AB/MPJ)
M12	13461	9-11	1320	Mon	317 317 317 1 8668 99 8668 99 95078 69298 73022 ... 12685 40059 56007 000 000	CW	(AB/MPJ)
M12	12114	9-11	1340	Mon	317 317 317 1 8668 99 8668 99 95078 69298 73022 ... 12685 40059 56007 000 000	CW	(AB/MPJ)
M12	6937	9-11	2210	Mon	975 975 975 000	CW	(AB/RL)
M12	5737	9-11	2230	Mon	975 975 975 000	CW	(AB/RL)
M12	10446	9-11	2300	Mon	392 1 6702 93 16867 47296 43650 ... 20044 38590 93725 000 000	CW	(RL)
M12	9046	9-11	2320	Mon	392 1 6702 93 16867 47296 43650 ... 20044 38590 93725 000 000	CW	(RL)
M12	7946	9-11	2340	Mon	392 1 6702 93 16867 47296 43650 ... 20044 38590 93725 000 000	CW	(RL)
M12	6874	10-11	0030	Tue	803 803 803 1 7054 111 7054 111 38135 11186 14532 ... 49437 99910 18892 000 000	CW	(AB)
M12	8074	10-11	0050	Tue	803 803 803 1 7054 111 7054 111 38135 11186 14532 ... 49437 99910 18892 000 000	CW	(AB)
M12	9374	10-11	0110	Tue	803 803 803 1 7054 111 7054 111 38135 11186 14532 ... 49437 99910 18892 000 000	CW	(AB)
M12	9317	10-11	0530	Tue	135 135 135 1 2853 112 2853 112 25120 10748 00347 ... 87747 10100 22986 000 000	CW	(AB)
M12	10484	10-11	0550	Tue	135 135 135 1 2853 112 2853 112 25120 10748 00347 ... 87747 10100 22986 000 000	CW	(AB)
M12	11552	10-11	0610	Tue	135 135 135 1 2853 112 2853 112 25120 10748 00347 ... 87747 10100 22986 000 000	CW	(AB)
M12	14377	10-11	1200	Tue	317 317 317 1 6098 97 6098 97 35266 60188 62362 ... 24231 72805 31005 000 000	CW	(AB)
M12	13461	10-11	1220	Tue	317 317 317 1 6098 97 6098 97 35266 60188 62362 ... 24231 72805 31005 000 000 Restart after 3 mins	CW	(AB)
M12	12114	10-11	1240	Tue	317 317 317 1 6098 97 6098 97 35266 60188 62362 ... 24231 72805 31005 000 000	CW	(AB)
M12	17432	11-11	0800	Wed	451 451 451 000	CW	(AB)
M12	18532	11-11	0820	Wed	451 451 451 000	CW	(AB)
M12	12162	11-11	1710	Wed	546 546 546 1 3714 113 3714 113 36906 84431 28170 ... 64873 36161 12035 000 000	CW	(AB-RUS)
M12	11566	11-11	1730	Wed	546 546 546 1 3714 113 3714 113 36906 84431 28170 ... 64873 36161 12035 000 000	CW	(AB-RUS)

M12	10711	11-11	1750	Wed	546 546 546 1 3714 113 3714 113 36906 84431 28170 ... 64873 36161 12035 000 000	CW	(AB-RUS)
M12	11435	11-11	1810	Wed	938 938 938 1 2165 71 2165 71 70201 03494 85451 ... 18485 60589 41538 000 000	CW	(AB-RUS)
M12	10598	11-11	1830	Wed	938 938 938 1 2165 71 2165 71 70201 03494 85451 ... 18485 60589 41538 000 000	CW	(AB-RUS)
M12	9327	11-11	1850	Wed	938 938 938 1 2165 71 2165 71 70201 03494 85451 ... 18485 60589 41538 000 000	CW	(AB-RUS)
M12	7536	11-11	2050	Wed	581 581 581 000	CW	(AB/RL/HFD)
M12	6836	11-11	2110	Wed	581 581 581 000	CW	(AB/RL/HFD)
M12	11054	12-11	0110	Thu	972 1 7229 166 20743 78597 56474 ... 03785 36697 61245 000 000	CW	(RL)
M12	10754	12-11	0130	Thu	972 1 7229 166 20743 78597 56474 ... 03785 36697 61245 000 000	CW	(RL)
M12	9254	12-11	0150	Thu	972 1 7229 166 20743 78597 56474 ... 03785 36697 61245 000 000	CW	(RL)
M12	12162	12-11	1700	Thu	546 546 546 1 2215 107 2215 107 84076 17689 85635 ... 65138 40870 33858 000 000	CW	(AB-RUS/MPJ)
M12	11566	12-11	1720	Thu	546 546 546 1 2215 107 2215 107 84076 17689 85635 ... 65138 40870 33858 000 000	CW	(AB-RUS/MPJ)
M12	10711	12-11	1740	Thu	546 546 546 1 2215 107 2215 107 84076 17689 85635 ... 65138 40870 33858 000 000	CW	(AB-RUS/MPJ)
M12	12162	12-11	1800	Thu	546 546 546 1 1197 110 1197 110 36446 21787 15844 ... 69462 65878 06782 000 000	CW	(AB-RUS)
M12	11566	12-11	1820	Thu	546 546 546 1 1197 110 1197 110 36446 21787 15844 ... 69462 65878 06782 000 000	CW	(AB-RUS)
M12	10711	12-11	1840	Thu	546 546 546 1 1197 110 1197 110 36446 21787 15844 ... 69462 65878 06782 000 000	CW	(AB-RUS)
M12	14377	12-11	2000	Thu	317 317 317 1 3392 103 3392 103 97713 51689 07234 ... 83458 51357 58148 000 000	CW	(AB/HFD-RUS)
M12	13461	12-11	2020	Thu	317 317 317 1 3392 103 3392 103 97713 51689 07234 ... 83458 51357 58148 000 000	CW	(AB/HFD-RUS)
M12	12114	12-11	2040	Thu	317 1 ...	CW	(HFD-RUS)
M12	12116	12-11	2040	Thu	317 317 317 1 3392 103 3392 103 97713 51689 07234 ... 83458 51357 58148 000 000	CW	(AB)
M12	6937	12-11	2210	Thu	975 975 975 000	CW	(AB/RL)
M12	5737	12-11	2230	Thu	975 975 975 000	CW	(AB/RL)
M12	10446	12-11	2300	Thu	392 1 6702 93 16867 47296 43650 08942 50565 ... 37263 20044 38590 93725 000 000	CW	(RL)
M12	9046	12-11	2320	Thu	392 1 6702 93 16867 47296 43650 08942 50565 ... 37263 20044 38590 93725 000 000	CW	(RL)
M12	7946	12-11	2340	Thu	392 1 6702 93 16867 47296 43650 08942 50565 ... 37263 20044 38590 93725 000 000	CW	(RL)
M12	6874	13-11	0030	Fri	803 803 803 1 7054 111 7054 111 38135 11186 14532 ... 49437 99910 18892 000 000	CW	(AB)
M12	8074	13-11	0050	Fri	803 803 803 1 7054 111 7054 111 38135 11186 14532 ... 49437 99910 18892 000 000	CW	(AB)
M12	9374	13-11	0110	Fri	803 803 803 1 7054 111 7054 111 38135 11186 14532 ... 49437 99910 18892 000 000	CW	(AB/RL)
M12	7536	13-11	2050	Fri	581 581 581 000	CW	(AB/RL)
M12	6836	13-11	2110	Fri	581 581 581 000	CW	(AB/RL)
M12	6859	13-11	2200	Fri	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB/RL)
M12	7459	13-11	2220	Fri	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB)
M12	7959	13-11	2240	Fri	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB/RL)
M12	6859	14-11	2200	Sat	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB/RL)
M12	7459	14-11	2220	Sat	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB)
M12	7959	14-11	2240	Sat	849 849 849 1 545 32 545 32 54003 83844 08702 ... 85457 22330 80551 000 000	CW	(AB/RL)
M12	17432	15-11	0800	Sun	451 451 451 000	CW	(AB)
M12	18532	15-11	0820	Sun	451 451 451 000	CW	(AB)
M12	16275	16-11	0010	Mon	295 295 295 1 9753 140 9753 140 86600 89931 82182 ... 82818 22204 51640 000 000	CW	(Danix-RUS)
M12	15975	16-11	0030	Mon	295 295 295 1 9753 140 9753 140 86600 89931 82182 ... 82818 22204 51640 000 000	CW	(Danix-RUS)
M12	14675	16-11	0050	Mon	295 295 295 1 9753 140 9753 140 86600 89931 82182 ... 82818 22204 51640 000 000	CW	(Danix-RUS)
M12	14377	16-11	1300	Mon	317 317 317 1 8715 99 8715 99 00380 56757 15557 ... 22421 75480 34136 000 000	CW	(AB/MPJ)
M12	13461	16-11	1320	Mon	317 317 317 1 8715 99 8715 99 00380 56757 15557 ... 22421 75480 34136 000 000	CW	(AB/MPJ)
M12	12114	16-11	1340	Mon	317 317 317 1 8715 99 8715 99 00380 56757 15557 ... 22421 75480 34136 000 000	CW	(AB/MPJ)
M12	6937	16-11	2210	Mon	975 975 975 1 7704 54 7704 54 27196 68825 19403 ... 45290 09062 93030 000 000	CW	(AB/RL)
M12	5737	16-11	2230	Mon	975 975 975 1 7704 54 7704 54 27196 68825 19403 ... 45290 09062 93030 000 000	CW	(AB)
M12	4537	16-11	2250	Mon	975 975 975 1 7704 54 7704 54 27196 68825 19403 ... 45290 09062 93030 000 000	CW	(AB)
M12	10446	16-11	2300	Mon	392 392 392 000	CW	(AB/RL)

M12	9046	16-11	2320	Mon	392 392 392 000	CW	(AB/RL)
M12	6874	17-11	0030	Tue	803 803 803 000	cw	(RL)
M12	8074	17-11	0050	Tue	803 803 803 000	cw	(RL)
M12	9317	17-11	0530	Tue	Restart after 2 minutes 135 135 135 1 6403 110 6403 110 43539 26936 40303 ... 93281 45977 57627 000 000	CW	(AB)
M12	10484	17-11	0550	Tue	135 135 135 1 6403 110 6403 110 43539 26936 40303 ... 93281 45977 57627 000 000	CW	(AB)
M12	11552	17-11	0610	Tue	135 135 135 1 6403 110 6403 110 43539 26936 40303 ... 93281 45977 57627 000 000	CW	(AB)
M12	14377	17-11	1200	Tue	317 317 317 8871 103 8871 103 32634 17602 07738 ... 23784 56692 04694 000 000	CW	(AB)
M12	13461	17-11	1220	Tue	317 317 317 8871 103 8871 103 32634 17602 07738 ... 23784 56692 04694 000 000	CW	(AB)
M12	12114	17-11	1240	Tue	317 317 317 8871 103 8871 103 32634 17602 07738 ... 23784 56692 04694 000 000	CW	(AB)
M12	17432	18-11	0800	Wed	Restart after 50 secs 451 451 451 1 263 121 263 121 96285 26552 02988 ... 84675 28068 97893 000 000	CW	(AB)
M12	18532	18-11	0820	Wed	451 451 451 1 263 121 263 121 96285 26552 02988 ... 84675 28068 97893 000 000	CW	(AB)
M12	19132	18-11	0840	Wed	451 451 451 1 263 121 263 121 96285 26552 02988 ... 84675 28068 97893 000 000	CW	(AB)
M12	12162	18-11	1710	Wed	546 546 546 1 9421 111 9421 111 48725 76912 07620 ... 36257 62933 46250 000 000	CW	(AB-RUS/MPJ)
M12	11566	18-11	1730	Wed	546 546 546 1 9421 111 9421 111 48725 76912 07620 ... 36257 62933 46250 000 000	CW	(AB-RUS/MPJ)
M12	10711	18-11	1750	Wed	546 546 546 1 9421 111 9421 111 48725 76912 07620 ... 36257 62933 46250 000 000	CW	(AB-RUS/MPJ)
M12	11435	18-11	1810	Wed	938 938 938 1 2027 72 2027 72 65713 66170 33007 ... 61250 27443 13006 000 000	CW	(AB-RUS)
M12	10598	18-11	1830	Wed	938 938 938 1 2027 72 2027 72 65713 66170 33007 ... 61250 27443 13006 000 000	CW	(AB-RUS)
M12	9327	18-11	1850	Wed	938 938 938 1 2027 72 2027 72 65713 66170 33007 ... 61250 27443 13006 000 000	CW	(AB-RUS)
M12	7536	18-11	2050	Wed	581 581 581 000	CW	(AB/RL)
M12	6836	18-11	2110	Wed	581 581 581 000	CW	(AB/RL)
M12	11054	19-11	0110	Thu	972 972 972 000	CW	(AB)
M12	10754	19-11	0130	Thu	972 972 972 000	CW	(AB)
M12	12162	19-11	1700	Thu	546 546 546 1 2829 106 2829 106 51634 27778 51655 ... 96194 70499 68072 000 000	CW	(AB-RUS/MPJ)
M12	11566	19-11	1720	Thu	546 546 546 1 2829 106 2829 106 51634 27778 51655 ... 96194 70499 68072 000 000	CW	(AB-RUS/MPJ)
M12	10711	19-11	1740	Thu	546 546 546 1 2829 106 2829 106 51634 27778 51655 ... 96194 70499 68072 000 000	CW	(AB-RUS/MPJ)
M12	12162	19-11	1800	Thu	546 546 546 1 1489 104 1489 104 49705 53567 02953 ... 19258 06136 56459 000 000	CW	(AB-RUS)
M12	11566	19-11	1820	Thu	546 546 546 1 1489 104 1489 104 49705 53567 02953 ... 19258 06136 56459 000 000	CW	(AB-RUS)
M12	10711	19-11	1840	Thu	546 546 546 1 1489 104 1489 104 49705 53567 02953 ... 19258 06136 56459 000 000	CW	(AB-RUS)
M12	14377	19-11	2000	Thu	317 317 317 1 9162 101 9162 101 35605 06025 75423 ... 59235 71022 68714 000 000	CW	(AB-RUS)
M12	13461	19-11	2020	Thu	317 317 317 1 9162 101 9162 101 35605 06025 75423 ... 59235 71022 68714 000 000	CW	(AB-RUS)
M12	12116	19-11	2040	Thu	317 317 317 1 9162 101 9162 101 35605 06025 75423 ... 59235 71022 68714 000 000	CW	(AB-RUS)
M12	6937	19-11	2210	Thu	975 975 975 1 7704 54 7704 54 27196 68825 19403 ... 45290 09062 93030 000 000	CW	(AB)
M12	5737	19-11	2230	Thu	975 975 975 1 7704 54 7704 54 27196 68825 19403 ... 45290 09062 93030 000 000	CW	(AB)
M12	4537	19-11	2250	Thu	975 975 975 1 7704 54 7704 54 27196 68825 19403 ... 45290 09062 93030 000 000	CW	(AB)
M12	10446	19-11	2300	Thu	392 392 392 000	CW	(RL)
M12	6874	20-11	0030	Fri	803 803 803 000	CW	(AB/RL)
M12	8074	20-11	0050	Fri	803 803 803 000	CW	(AB/RL)
M12	7536	20-11	2050	Fri	581 581 581 000	CW	(AB/RL)
M12	6836	20-11	2110	Fri	581 581 581 000	CW	(AB/RL)
M12	6859	20-11	2200	Fri	849 849 849 582 109 582 109 40072 14819 97805 ... 20415 09306 17551 000 000	CW	(AB/RL)
M12	7459	20-11	2220	Fri	849 849 849 582 109 582 109 40072 14819 97805 ... 20415 09306 17551 000 000	CW	(AB)
M12	7959	20-11	2240	Fri	849 849 849 582 109 582 109 40072 14819 97805 ... 20415 09306 17551 000 000	CW	(AB/RL)
M12	6859	21-11	2200	Sat	849 849 849 582 109 582 109 40072 14819 97805 ... 20415 09306 17551 000 000	CW	(AB)
M12	7459	21-11	2220	Sat	849 849 849 582 109 582 109 40072 14819 97805 ... 20415 09306 17551 000 000	CW	(AB)
M12	7959	21-11	2240	Sat	849 849 849 582 109 582 109 40072 14819 97805 ... 20415 09306 17551 000 000	CW	(AB)
M12	17432	22-11	0800	Sun	451 451 451 1 263 121 263 121 96285 26552 02988 ... 84675 28068 97893 000 000	CW	(AB)
M12	18532	22-11	0820	Sun	451 451 451 1 263 121 263 121 96285 26552 02988 ... 84675 28068 97893 000 000	CW	(AB)



M12	19132	22-11	0840	Sun	451 451 451 1 263 121 263 121 96285 26552 02988 ... 84675 28068 97893 000 000	CW	(AB)
M12	14377	23-11	1300	Mon	317 317 317 1 8185 102 8185 102 49069 85054 09329 ... 35436 87772 60806 000 000	CW	(AB/MPJ)
M12	13461	23-11	1320	Mon	317 317 317 1 8185 102 8185 102 49069 85054 09329 ... 35436 87772 60806 000 000	CW	(AB/MPJ)
M12	12114	23-11	1340	Mon	317 317 317 1 8185 102 8185 102 49069 85054 09329 ... 35436 87772 60806 000 000	CW	(AB/MPJ)
M12	9317	24-11	0530	Tue	135 135 135 1 4475 107 4475 107 42349 91569 23837 ... 26582 33419 01939 000 000	CW	(AB)
M12	10484	24-11	0550	Tue	135 135 135 1 4475 107 4475 107 42349 91569 23837 ... 26582 33419 01939 000 000	CW	(AB)
M12	11552	24-11	0610	Tue	135 135 135 1 4475 107 4475 107 42349 91569 23837 ... 26582 33419 01939 000 000	CW	(AB)
M12	14377	24-11	1200	Tue	317 317 317 1 8104 101 8104 101 94399 52636 25860 ... 06739 34157 98241 000 000	CW	(AB)
M12	13461	24-11	1220	Tue	317 317 317 1 8104 101 8104 101 94399 52636 25860 ... 06739 34157 98241 000 000	CW	(AB)
M12	12114	24-11	1240	Tue	317 317 317 1 8104 101 8104 101 94399 52636 25860 ... 06739 34157 98241 000 000	CW	(AB)
M12	17432	25-11	0800	Wed	451 451 451 000	CW	(AB)
M12	18532	25-11	0820	Wed	451 451 451 000	CW	(AB)
M12	12162	25-11	1710	Wed	546 546 546 1 6833 105 6833 105 94544 95569 09229 ... 59176 57172 85893 000 000	CW	(AB-KWT/MPJ)
M12	11566	25-11	1730	Wed	546 546 546 1 6833 105 6833 105 94544 95569 09229 ... 59176 57172 85893 000 000	CW	(AB-RUS/MPJ)
M12	10711	25-11	1750	Wed	546 546 546 1 6833 105 6833 105 94544 95569 09229 ... 59176 57172 85893 000 000	CW	(AB-RUS/MPJ)
M12	11435	25-11	1810	Wed	938 938 938 1 6511 75 6511 75 11725 10283 33402 ... 25764 53884 43203 60711 000 000	CW	(AB-RUS)
M12	10598	25-11	1830	Wed	938 938 938 1 6511 75 6511 75 11725 10283 33402 ... 25764 53884 43203 60711 000 000	CW	(AB-RUS)
M12	9327	25-11	1850	Wed	938 938 938 1 6511 75 6511 75 11725 10283 33402 ... 25764 53884 43203 60711 000 000	CW	(AB-RUS)
M12	6836	25-11	2110	Wed	581 581 581 000	CW	(RL)
M12	12162	26-11	1700	Thu	546 546 546 1 4089 113 4089 113 ... unreadable	CW	(AB-RUS)
M12	11566	26-11	1720	Thu	546 546 546 1 4089 113 4089 113 ... unreadable	CW	(AB-RUS)
M12	10711	26-11	1740	Thu	546 546 546 1 4089 113 4089 113 ... unreadable	CW	(AB-RUS)
M12	12162	26-11	1800	Thu	546 546 546 1 7742 111 7742 111 09988 20646 71441 ... 08293 37413 99257 000 000	CW	(AB-RUS)
M12	11566	26-11	1820	Thu	546 546 546 1 7742 111 7742 111 09988 20646 71441 ... 08293 37413 99257 000 000	CW	(AB-RUS)
M12	10711	26-11	1840	Thu	546 546 546 1 7742 111 7742 111 09988 20646 71441 ... 08293 37413 99257 000 000	CW	(AB-RUS)
M12	14377	26-11	2000	Thu	317 317 317 1 2697 102 2697 102 29406 33253 73676 ... 83730 29242 37601 000 000	CW	(AB-RUS)
M12	13461	26-11	2020	Thu	317 317 317 1 2697 102 2697 102 29406 33253 73676 ... 83730 29242 37601 000 000	CW	(AB-RUS)
M12	12116	26-11	2040	Thu	317 317 317 1 2697 102 2697 102 29406 33253 73676 ... 83730 29242 37601 000 000	CW	(AB-RUS)
M12	6937	26-11	2210	Thu	975 975 975 000 (R4)	CW	(AB/RL)
M12	5737	26-11	2230	Thu	975 975 975 000	CW	(AB)
M12	10446	26-11	2300	Thu	392 1 546 88 06275 21159 41474 10678 38739 ... 94803 73497 42290 51118 83754 000 000	CW	(RL)
M12	9046	26-11	2320	Thu	392 1 546 88 06275 21159 41474 10678 38739 ... 94803 73497 42290 51118 83754 000 000	CW	(RL)
M12	7946	26-11	2340	Thu	392 1 546 88 06275 21159 41474 10678 38739 ... 94803 73497 42290 51118 83754 000 000	CW	(AB/RL)
M12	6874	27-11	0030	Fri	803 803 803 000	CW	(AB/RL)
M12	8074	27-11	0050	Fri	803 803 803 000	CW	(AB/RL)
M12	7536	27-11	2050	Fri	581 581 581 000	CW	(RL)
M12	6836	27-11	2110	Fri	581 581 581 000	CW	(RL)
M12	6859	27-11	2200	Fri	849 849 849 1 582 109 582 109 40072 14819 97805 /// 20415 09306 17551 000 000	CW	(AB)
M12	7459	27-11	2220	Fri	849 849 849 1 582 109 582 109 40072 14819 97805 /// 20415 09306 17551 000 000	CW	(AB)
M12	7959	27-11	2240	Fri	849 849 849 1 582 109 582 109 40072 14819 97805 /// 20415 09306 17551 000 000	CW	(AB)
M12	6859	28-11	2200	Sat	849 849 849 1 582 109 582 109 40072 14819 97805 /// 20415 09306 17551 000 000	CW	(AB)
M12	7459	28-11	2220	Sat	849 849 849 1 582 109 582 109 40072 14819 97805 /// 20415 09306 17551 000 000	CW	(AB)
M12	7959	28-11	2240	Sat	849 849 849 1 582 109 582 109 40072 14819 97805 /// 20415 09306 17551 000 000	CW	(AB)
M12	17432	29-11	0800	Sun	451 451 451 000	CW	(AB)
M12	18532	29-11	0820	Sun	451 451 451 000	CW	(AB)
M12	16275	30-11	0010	Mon	296 296 296 1 465 126 465 126 15545 09269 03247 ... 47534 01262 50977 000 000	CW	(Danix-RUS/HFD)
M12	15975	30-11	0030	Mon	296 296 296 1 465 126 465 126 15545 09269 03247 ... 47534 01262 50977 000 000	CW	(Danix-RUS)

M12	14675	30-11	0050	Mon	296 296 296 1 465 126 465 126 15545 09269 03247 ... 47534 01262 50977 000 000	CW	(Danix-RUS)
M12	14377	30-11	1300	Mon	317 317 317 1 3961 104 3961 104 18533 91047 90007 ... 41402 65404 63321 000 000	CW	(AB)
M12	13461	30-11	1320	Mon	317 317 317 1 3961 104 3961 104 18533 91047 90007 ... 41402 65404 63321 000 000	CW	(AB)
M12	12114	30-11	1340	Mon	317 317 317 1 3961 104 3961 104 18533 91047 90007 ... 41402 65404 63321 000 000	CW	(AB)
M12	6937	30-11	2210	Mon	975 975 975 000	CW	(AB/RL)
M12	5737	30-11	2230	Mon	975 975 975 000	CW	(AB/RL)
M12	10446	30-11	2300	Mon	392 392 392 000	CW	(RL)
M12	9046	30-11	2320	Mon	392 392 392 000	CW	(RL)
M14	4730	7-11	0800	Sat	523 183 183 31 31 = = 78123 45781 90123 ... 09092 56789 74351 = = 183 183 31 31 00000	MCW	(AB-RUS)
M14	4650	7-11	0900	Sat	523 183 183 31 31 = = 78123 45781 90123 ... 09092 56789 74351 = = 183 183 31 31 00000	MCW	(AB-RUS)
M14	17458	10-11	0930	Tue	617 617 617 00000	CW	(AB/HFD)
M14	4636	10-11	1820	Tue	186 276 276 30 30 = = 27589 96708 14474 ... 69883 85558 33703 = 276 276 30 30 00000	MCW	(AB/MPJ)
M14	4761	11-11	1920	Wed	748 276 276 30 30 = = 27589 96708 14474 ... 69883 85558 33703 = 276 276 30 30 00000	MCW	(AB/MPJ)
M14	4730	14-11	0800	Sat	523 523 523 00000 523 191 191 32 32 = = 16432 76541 81490 ... 72435 76345 63190 = = 191 191 32 32 00000	MCW	(AB-RUS/HFD)
M14	4650	14-11	0900	Sat	523 523 523 00000 523 191 191 32 32 = = 16432 76541 81490 ... 72435 76345 63190 = = 191 191 32 32 00000	MCW	(AB-RUS/HFD)
M14	10233	24-11	0625	Tue	i.p. 51081 75683 34382 ...74240 00030 00014 00000 = 014 33 (20 second pause) 000 000 000	CW	(Tom)
M14	17458	25-11	0930	Wed	617 617 617 00000	CW	(AB)
M21	4951.5	2-11	2044	Mon	=992333??0????? 992334??0????? =992335??0?????	CW	(ML4)
M21	5732.5	21-11	1907	Sat	=992208??8????? =992209??8????? =992210??8?????	CW	(AB)
M23	8166	3-11	1646	Tue	i.p. SET	CW	(Danix)
M23	5345	3-11	1818	Tue	3OS (R15)	CW	(AB)
M23	5345	3-11	1858	Tue	3OS (R15)	CW	(AB)
M23	10184	4-11	0758	Wed	OTE (R30)	CW	(AB)
M23	10184	4-11	0858	Wed	ST3 (R20)	CW	(AB)
M23	8166	4-11	1543	Wed	SET (R30)	CW	(AB)
M23	8166	4-11	1628	Wed	SET (R30)	CW	(AB)
M23	5345	4-11	1818	Wed	3OS (R15)	CW	(AB)
M23	5345	4-11	1858	Wed	3OS (R15)	CW	(AB/EB4APL)
M23	10184	5-11	0758	Thu	OTE (R30)	CW	(AB)
M23	10184	5-11	0758	Thu	OTE (R30)	CW	(AB)
M23	10184	5-11	0858	Thu	ST3 (R20)	CW	(AB)
M23	10184	5-11	0858	Thu	ST3 (R20)	CW	(AB)
M23	8166	5-11	1543	Thu	SET (R30)	CW	(AB)
M23	8166	5-11	1628	Thu	SET (R30)	CW	(AB)
M23	5345	5-11	1818	Thu	3OS (R15)	CW	(AB)
M23	5345	5-11	1858	Thu	3OS (R15)	CW	(AB)
M23	10184	6-11	0758	Fri	OTE (R30)	CW	(AB)
M23	10184	6-11	0858	Fri	ST3 (R20)	CW	(AB)
M23	8166	6-11	1543	Fri	SET (R30)	CW	(AB)
M23	8166	6-11	1628	Fri	SET (R30)	CW	(AB)
M23	5345	6-11	1818	Fri	3OS (R15)	CW	(AB)
M23	5345	6-11	1858	Fri	3OS (R15)	CW	(AB)
M23	10184	7-11	0758	Sat	OTE (R30)	CW	(AB)
M23	10184	7-11	0858	Sat	ST3 (R20)	CW	(AB)
M23	8166	7-11	1543	Sat	SET (R30)	CW	(AB)
M23	8166	7-11	1628	Sat	SET (R30)	CW	(AB)
M23	5345	7-11	1818	Sat	3OS (R15)	CW	(AB)

M23	5345	7-11	1858	Sat	3OS (R15)	CW	(AB)
M23	10184	8-11	0758	Sun	OTE (R30)	CW	(AB)
M23	10184	8-11	0858	Sun	ST3 (R20)	CW	(AB)
M23	8166	8-11	1543	Sun	SET (R30)	CW	(AB)
M23	8166	8-11	1628	Sun	SET (R30)	CW	(AB)
M23	5345	8-11	1818	Sun	3OS (R15)	CW	(AB)
M23	5345	8-11	1858	Sun	3OS (R15)	CW	(AB)
M23	10184	9-11	0758	Mon	OTE (R30)	CW	(AB)
M23	10184	9-11	0858	Mon	ST3 (R20)	CW	(AB)
M23	8166	9-11	1543	Mon	SET (R30)	CW	(AB)
M23	8166	9-11	1628	Mon	SET (R30)	CW	(AB)
M23	5345	9-11	1818	Mon	3OS (R15)	CW	(AB)
M23	5345	9-11	1858	Mon	3OS (R15)	CW	(AB)
M23	10184	10-11	0758	Tue	OTE (R30)	CW	(AB)
M23	10184	10-11	0858	Tue	ST3 (R20)	CW	(AB)
M23	8166	10-11	1543	Tue	SET (R30)	CW	(AB)
M23	8166	10-11	1628	Tue	SET (R30)	CW	(AB)
M23	5345	10-11	1818	Tue	3OS (R15)	CW	(AB)
M23	5345	10-11	1858	Tue	3OS (R15)	CW	(AB)
M23	10184	11-11	0758	Wed	OTE (R30)	CW	(AB)
M23	10184	11-11	0858	Wed	ST3 (R20)	CW	(AB)
M23	8166	11-11	1543	Wed	SET (R30)	CW	(AB)
M23	8166	11-11	1628	Wed	SET (R30)	CW	(AB)
M23	5345	11-11	1818	Wed	3OS (R15)	CW	(AB)
M23	5345	11-11	1858	Wed	3OS (R15)	CW	(AB)
M23	10184	12-11	0758	Thu	OTE (R30)	CW	(AB)
M23	10184	12-11	0858	Thu	ST3 (R20)	CW	(AB)
M23	8166	12-11	1543	Thu	SET (R30)	CW	(AB)
M23	8166	12-11	1628	Thu	SET (R30)	CW	(AB)
M23	5345	12-11	1818	Thu	3OS (R15)	CW	(AB)
M23	5345	12-11	1858	Thu	3OS (R15)	CW	(AB)
M23	10184	13-11	0758	Fri	OTE (R30)	CW	(AB)
M23	10184	13-11	0858	Fri	ST3 (R20)	CW	(AB)
M23	8166	13-11	1543	Fri	SET (R30)	CW	(AB)
M23	8166	13-11	1628	Fri	SET (R30)	CW	(AB)
M23	5345	13-11	1818	Fri	3OS (R15)	CW	(AB)
M23	5345	13-11	1858	Fri	3OS (R15)	CW	(AB)
M23	10184	14-11	0758	Sat	OTE (R30)	CW	(AB)
M23	10184	14-11	0858	Sat	ST3 (R20)	CW	(AB)
M23	8166	14-11	1543	Sat	SET (R30)	CW	(AB)
M23	8166	14-11	1628	Sat	SET (R30)	CW	(AB)
M23	5345	14-11	1818	Sat	3OS (R15)	CW	(AB)
M23	5345	14-11	1858	Sat	3OS (R15)	CW	(AB)
M23	10184	15-11	0758	Sun	OTE (R30)	CW	(AB)
M23	10184	15-11	0858	Sun	ST3 (R20)	CW	(AB)
M23	8166	15-11	1543	Sun	SET (R30)	CW	(AB)
M23	8166	15-11	1628	Sun	SET (R30)	CW	(AB)



M23	5345	15-11	1818	Sun	3OS (R15)	CW	(AB)
M23	5345	15-11	1858	Sun	3OS (R15)	CW	(AB)
M23	10184	16-11	0758	Mon	OTE (R30)	CW	(AB)
M23	10184	16-11	0858	Mon	ST3 (R20)	CW	(AB)
M23	8166	16-11	1543	Mon	SET (R30)	CW	(AB)
M23	8166	16-11	1628	Mon	SET (R30)	CW	(AB)
M23	5345	16-11	1818	Mon	3OS (R15)	CW	(AB)
M23	5345	16-11	1858	Mon	3OS (R15)	CW	(AB)
M23	10184	17-11	0758	Tue	OTE (R30)	CW	(AB)
M23	10184	17-11	0858	Tue	ST3 (R20)	CW	(AB)
M23	8166	17-11	1543	Tue	SET (R30)	CW	(AB)
M23	8166	17-11	1628	Tue	SET (R30)	CW	(AB)
M23	5345	17-11	1818	Tue	3OS (R15)	CW	(AB)
M23	5345	17-11	1858	Tue	3OS (R15)	CW	(AB)
M23	10184	18-11	0758	Wed	OTE (R30)	CW	(AB)
M23	10184	18-11	0858	Wed	ST3 (R20)	CW	(AB)
M23	8166	18-11	1543	Wed	SET (R30)	CW	(AB)
M23	8166	18-11	1628	Wed	SET (R30)	CW	(AB)
M23	5345	18-11	1818	Wed	3OS (R15)	CW	(AB)
M23	5345	18-11	1858	Wed	3OS (R15)	CW	(AB)
M23	10184	19-11	0758	Thu	OTE (R30)	CW	(AB)
M23	10184	19-11	0858	Thu	ST3 (R20)	CW	(AB)
M23	8166	19-11	1543	Thu	SET (R30)	CW	(AB)
M23	8166	19-11	1628	Thu	SET (R30)	CW	(AB)
M23	5345	19-11	1818	Thu	3OS (R15)	CW	(AB)
M23	5345	19-11	1858	Thu	3OS (R15)	CW	(AB)
M23	10184	20-11	0758	Fri	OTE (R30)	CW	(AB)
M23	10184	20-11	0858	Fri	ST3 (R20)	CW	(AB)
M23	8166	20-11	1543	Fri	SET (R30)	CW	(AB)
M23	8166	20-11	1628	Fri	SET (R30)	CW	(AB)
M23	5345	20-11	1818	Fri	3OS (R15)	CW	(AB)
M23	5345	20-11	1858	Fri	3OS (R15)	CW	(AB)
M23	10184	21-11	0758	Sat	OTE (R30)	CW	(AB)
M23	10184	21-11	0858	Sat	ST3 (R20)	CW	(AB)
M23	8166	21-11	1543	Sat	SET (R30)	CW	(AB)
M23	8166	21-11	1628	Sat	SET (R30)	CW	(AB)
M23	5345	21-11	1818	Sat	3OS (R15)	CW	(AB)
M23	5345	21-11	1858	Sat	3OS (R15)	CW	(AB)
M23	10184	22-11	0758	Sun	OTE (R30)	CW	(AB)
M23	10184	22-11	0858	Sun	ST3 (R20)	CW	(AB)
M23	8166	22-11	1543	Sun	SET (R30)	CW	(AB)
M23	8166	22-11	1628	Sun	SET (R30)	CW	(AB)
M23	5345	22-11	1818	Sun	3OS (R15)	CW	(AB)
M23	5345	22-11	1858	Sun	3OS (R15)	CW	(AB)
M23	10184	23-11	0757	Mon	OTE (R30)	CW	(AB)
M23	10184	23-11	0857	Mon	ST3 (R20)	CW	(AB)
M23	8166	23-11	1543	Mon	SET (R30)	CW	(AB)

M23	8166	23-11	1628	Mon	SET (R30)	CW	(AB)
M23	5345	23-11	1818	Mon	3OS (R15)	CW	(AB)
M23	5345	23-11	1858	Mon	3OS (R15)	CW	(AB)
M23	10184	24-11	0758	Tue	OTE (R30)	CW	(AB)
M23	10184	24-11	0858	Tue	ST3 (R20)	CW	(AB)
M23	8166	24-11	1543	Tue	SET (R30)	CW	(AB)
M23	8166	24-11	1627	Tue	SET (R30)	CW	(AB)
M23	5345	24-11	1818	Tue	3OS (R15)	CW	(AB)
M23	5345	24-11	1858	Tue	3OS (R15)	CW	(AB)
M23	10184	25-11	0758	Wed	OTE (R30)	CW	(AB)
M23	10184	25-11	0858	Wed	ST3 (R20)	CW	(AB)
M23	8166	25-11	1543	Wed	SET (R30)	CW	(AB)
M23	8166	25-11	1628	Wed	SET (R30)	CW	(AB)
M23	5345	25-11	1818	Wed	3OS (R15)	CW	(AB)
M23	5345	25-11	1858	Wed	3OS (R15)	CW	(AB)
M23	10184	26-11	0758	Thu	OTE (R30)	CW	(AB)
M23	10184	26-11	0858	Thu	ST3 (R20)	CW	(AB)
M23	8166	26-11	1543	Thu	SET (R30)	CW	(AB)
M23	8166	26-11	1628	Thu	SET (R30)	CW	(AB)
M23	5345	26-11	1818	Thu	3OS (R15)	CW	(AB)
M23	5345	26-11	1858	Thu	3OS (R15)	CW	(AB)
M32	5171	29-10	1532	Thu	XXX XXX 1BP3 1BP3 67370 NEGNUSHchIJSYa 2768 2988 K	CW	(Gwr)
M32	5017	11-11	1406	Wed	XXX XXX WEGI WEGI 38650 KLYKOMEL 6761 6496 K (leads to XXX WEGI 5LG radiogram on same freq)	CW	(Gwr)
M32	5017	11-11	1418	Wed	XXX WEGI 5LG radiogram, response to above monolit	CW	(Gwr)
M32	14411	12-11	1213	Thu	XXX XXX XB2M XB2M 74099 76275 SUDODVUT 2680 6536 K	FSK CW	(AB)
M32	14411	12-11	1216	Thu	RDL RDL RDL 54496 04643 54496 04643 54496 04643 K	FSK CW	(AB)
M32	14411	12-11	1219	Thu	XXX XXX RDL RDL 93314 59978 SEJFODON 6841 1278 K	FSK CW	(AB)
M32	14411	12-11	1305	Thu	RDL RDL RDL 71675 59815 71675 59815 71675 59815 K	FSK CW	(AB)
M32	14411	12-11	1340	Thu	RDL RDL RDL 55677 95457 55677 95457 55677 95457 K	FSK CW	(AB)
M32	14411	12-11	1416	Thu	XXX XXX WEGI WEGI 92913 76759 TWINOWEST 6170 7393 OAGOGRAC 0029 3110 K	FSK CW	(AB)
M32	14411	12-11	1427	Thu	XXX XXX RDL RDL 31808 74668 TALIJ 5833 5530 K	FSK CW	(AB)
M32	14411	12-11	1440	Thu	XXX XXX WEGI WEGI 61598 9AW609 UTOLSHEHS 7110 2765 SNEG 0424 2529 K	FSK CW	(AB)
M32	14411	13-11	1145	Fri	RDL RDL RDL 05014 20073 05014 20073 05014 20073 K	FSK CW	(AB)
M32	14411	13-11	1150	Fri	RDL RDL RDL 81802 95620 81802 95620 81802 95620 K	FSK CW	(AB)
M32	14411	13-11	1225	Fri	RDL RDL RDL 85635 46306 85635 46306 85635 46306 K	FSK CW	(AB)
M32	14411	13-11	1245	Fri	RDL RDL RDL 21356 28463 21356 28463 21356 28463 K	FSK CW	(AB)
M32	14411	13-11	1309	Fri	RDL RDL RDL 67010 21555 67010 21555 67010 21555 K	FSK CW	(AB)
M32	14411	13-11	1318	Fri	RDL RDL RDL 76480 08109 76480 08109 76480 08109 K	FSK CW	(AB)
M32	14411	13-11	1325	Fri	RDL RDL RDL 82872 29637 82872 29637 82872 29637 K	FSK CW	(AB)
M32	14411	13-11	1345	Fri	RDL RDL RDL 85836 22997 85836 22997 85836 22297 K	FSK CW	(AB)
M32	14411	13-11	1400	Fri	RDL RDL RDL 92657 33531 92657 33531 92657 33531 K	FSK CW	(AB)
M32	14411	13-11	1425	Fri	RDL RDL RDL 08730 21744 08730 21744 08730 21554 K	FSK CW	(AB)
M32	11468	13-11	1507	Fri	RDL RDL RDL 48869 64773 48869 64773 48869 64773 K	FSK XW	(AB)
M32	14411	14-11	1320	Sat	RDL RDL RDL 50381 94520 50381 94520 50381 94520 K	FSK CW	(AB)
M32	14411	14-11	1325	Sat	RDL RDL RDL 27416 00426 27416 00426 27416 00426 K	FSK CW	(AB)
M32	14411	14-11	1343	Sat	RDL RDL RDL 58578 61901 58578 61091 58578 61901 K	FSK CW	(AB)
M32	5759	16-11	1106	Mon	XXX XXX VN6B VN6B 39288 BURShchIK 3171 3071 K	CW	(Gwr)

M32	19120	16-11	1144	Mon	XXX XXX WEGI WEGI 82333 03624 RYKANIE 00795243 STARODAWNII 9830 3836 K	FSK CW	(AB)
M32	19120	16-11	1146	Mon	RDL RDL RDL 25867 96073 25867 96073 25867 96073 K	FSK CW	(AB)
M32	14411	16-11	1243	Mon	RDL RDL RDL 09948 65363 09948 65363 09948 65363 K	FSK CW	(AB)
M32	4582	19-11	1310	Thu	XXX XXX ANVF ANVF 53563 ZEMLEVED 4097 5573 K	CW	(Gwr)
M32	5759	20-11	1020	Fri	XXX XXX WEGI WEGI 90174 UChETOSHchUP 9088 6489 K	CW	(Gwr)
M32	5779	20-11	1020	Fri	XXX XXX ANVF ANVF 48532 AKROShPON 4223 7856 K	CW	(Gwr)
M32	5386	20-11	1022	Fri	XXX XXX WEGI WEGI 90174 UChETOSHchUP 9088 6489 K //5457 kHz	CW	(Gwr)
M32	5457	20-11	1022	Fri	XXX XXX WEGI WEGI 90174 UChETOSHchUP 9088 6489 K //5386 kHz	CW	(Gwr)
M32	5386	20-11	1028	Fri	XXX XXX WEGI WEGI 81259 TMINOCENT 2379 9320 K //5386 kHz	CW	(Gwr)
M32	5457	20-11	1028	Fri	XXX XXX WEGI WEGI 81259 TMINOCENT 2379 9320 K //5457 kHz	CW	(Gwr)
M32	5526	20-11	1032	Fri	XXX XXX WEGI WEGI 72951 SUWOROWSKIJ 6164 5591 POWETR'E 7160 3924 K	CW	(Gwr)
M32	4798	20-11	1033	Fri	XXX XXX WEGI WEGI 77035 TMINOCENT 2379 9320 K //4861, 5386, 5457, 5759 kHz	CW	(Gwr)
M32	4861	20-11	1033	Fri	XXX XXX WEGI WEGI 77035 TMINOCENT 2379 9320 K //4798, 5386, 5457, 5759 kHz	CW	(Gwr)
M32	5386	20-11	1033	Fri	XXX XXX WEGI WEGI 77035 TMINOCENT 2379 9320 K //4798, 4861, 5457, 5759 kHz	CW	(Gwr)
M32	5457	20-11	1033	Fri	XXX XXX WEGI WEGI 77035 TMINOCENT 2379 9320 K //4798, 4861, 5386, 5759 kHz	CW	(Gwr)
M32	5759	20-11	1033	Fri	XXX XXX WEGI WEGI 77035 TMINOCENT 2379 9320 K //4798, 4861, 5386, 5457 kHz	CW	(Gwr)
M32	5759	20-11	1039	Fri	XXX XXX WEGI WEGI 72951 SUWOROWSKIJ 6164 5591 K	CW	(Gwr)
M32	5779	20-11	1044	Fri	XXX XXX ANVF 76462 GROShOPLYaZh 4564 1608 BRATISLAVA 4892 5362 K (S28 morse channel)	CW	(Gwr)
M32	4861	20-11	1046	Fri	XXX XXX N1DX N1DX F2ET F2ET 86717 71146 ZUEKOSROK 8691 3976 TASSOWEND 8802 6944 K	CW	(Gwr)
M32	5759	20-11	1051	Fri	XXX XXX 1ShchRF 1ShchRF 04650 PISAKA 0302 8994 K	CW	(Gwr)
M32	5386	20-11	1054	Fri	XXX XXX WEGI WEGI 80031 STROGANIE 7149 0140 RISKOKRAJ 2890 5779 K	CW	(Gwr)
M32	5779	20-11	1113	Fri	XXX XXX ANVF ANVF 99185 RADRONAST 8138 2860 EROChNYJ 9384 6823 K (S28 morse channel)	CW	(Gwr)
M32	5779	20-11	1116	Fri	XXX XXX ANVF ANVF 74704 AMPER 9114 0297 K (S28 morse channel)	CW	(Gwr)
M32	5386	20-11	1122	Fri	XXX XXX WEGI WEGI 97098 ZhEZLOFLOT 5636 4540 K //5457 kHz	CW	(Gwr)
M32	5457	20-11	1122	Fri	XXX XXX WEGI WEGI 97098 ZhEZLOFLOT 5636 4540 K //5386 kHz	CW	(Gwr)
M32	5759	20-11	1125	Fri	XXX XXX WEGI WEGI 36796 OBANRUZhEN'E 8126 2638 K	CW	(Gwr)
M32	5779	20-11	1131	Fri	XXX XXX ANVF ANVF 91242 GIPSOSTYK 5554 1730 K	CW	(Gwr)
M32	5457	20-11	1134	Fri	XXX XXX N1DX N1DX 91885 TENTOGOD 4700 9117 K	CW	(Gwr)
M32	4831	20-11	1136	Fri	XXX XXX P3HC P3HC 60943 PORTATIWNYY 4649 5877 K	CW	(Gwr)
M32	4595	20-11	1139	Fri	XXX XXX DMSB DMSB 83295 PEChORSKIJ 9028 4314 K	CW	(Gwr)
M32	5373	20-11	1229	Fri	XXX XXX ONG4 ONG4 10498 BESHONYY 7250 5017 K	CW	(Gwr)
M32	4861	20-11	1249	Fri	XXX XXX WEGI WEGI 50360 OPPONETKA 8314 3725 K //5381, 5457 kHz	CW	(Gwr)
M32	5381	20-11	1249	Fri	XXX XXX WEGI WEGI 50360 OPPONETKA 8314 3725 K //4861, 5457 kHz	CW	(Gwr)
M32	5457	20-11	1249	Fri	XXX XXX WEGI WEGI 50360 OPPONETKA 8314 3725 K //4861, 5381 kHz	CW	(Gwr)
M32	8544	24-11	1030	Tue	i.p. AP'TIMETR 5612 6481 K	CW	(Gwr)
M32	5373	24-11	1223	Tue	XXX XXX ONG4 ONG4 89657 BRUSOSTER 1863 5848 K	CW	(Gwr)
M32	5779	26-11	1213	Thu	ZMR ZZhG ZAJ ZMY ZZhK ZY' ZMJ ZZhA ZHG ShchYT4 K (S28 morse cw channel. ShchYT4 refers to AT modem use)	CW	(Gwr)
M32	5456.5	27-11	0934	Fri	XXX XXX WEGI WEGI 75236 DISSERTACIYa 5221 3813 K	CW	(Gwr)
M32	5456.5	27-11	0947	Fri	XXX XXX WEGI WEGI 33758 PRELESTNYJ 2893 9087 K	CW	(Gwr)
M32	5456.5	27-11	0953	Fri	XXX XXX WEGI WEGI 00528 FABRIKAT 6169 8319 PROYaWLEN'E 8737 7120 K	CW	(Gwr)
M32	5779	27-11	0957	Fri	XXX XXX ANWF ANWF 80046 AL'PINIZM 9089 7725 K (S28 morse channel)	CW	(Gwr)
M32	5779	27-11	1000	Fri	XXX XXX ANWF ANWF 60433 BAKODOG 5631 3486 KANADSKIJ 8445 9873 K (S28 morse channel)	CW	(Gwr)
M32	5779	27-11	1000	Fri	XXX XXX N1D' N1D' F2ET F2ET 08881 44137 PLOTOLIN' 6998 3736 STENOSTER 2455 2945 K	CW	(Gwr)
M32	5779	27-11	1003	Fri	XXX XXX 1ShchRF 1ShchRF 27180 UGROGONG 8968 2185 K (S28 morse channel)	CW	(Gwr)
M32	5456.5	27-11	1012	Fri	XXX XXX WEGI WEGI 99972 KLOPOSLOJ 7108 9379 KLOPOTUZ 1903 0596 K	CW	(Gwr)
M32	5456.5	27-11	1018	Fri	XXX XXX 1HSF 1HSF C1OB C1OB JFB5 JFB5 IA6N IA6N F2ET F2ET 34470 23562 76548 WYRUBANIE 3557 4742 K	CW	(Gwr)

<b>M32</b>	5456.5	27-11	1029	Fri	XXX XXX WEGI WEGI 98448 AEhROS NIMOR 5991 5609 K	CW	(Gwr)
<b>M32</b>	5456.5	27-11	1034	Fri	XXX XXX WEGI WEGI ???63 TUNGOKRYM 8163 4313 K	CW	(Gwr)
<b>M32</b>	5456.5	27-11	1039	Fri	XXX XXX S'T4 S'T4 IA6N IA6N F2ET F2ET 75463 48816 68591 ROJ 9637 7605 K	CW	(Gwr)
<b>M32</b>	5456.5	27-11	1145	Fri	XXX XXX WEGI WEGI 25619 SPINOFUT 8354 1828 K	CW	(Gwr)
<b>M32</b>	5456.5	27-11	1214	Fri	XXX XXX WEGI WEGI 94731 FLEROPIR 7335 8423 K	CW	(Gwr)
<b>M32a</b>	9311	4-11	0656	Wed	Russian navy i.p. RRV21 DE RBL88 ZSA3 ZMV 22 ZSW1 K. RBL88 DE RRV21 OK ZSA2 ZTV 22 K. RRV21 DE RBL88 CK	CW	(AB)
<b>M32c</b>	5808	26-11	1220	Thu	W marker repeated 6 times	CW	(Gwr)
<b>M32c</b>	5808	26-11	1320	Thu	W marker repeated 6 times	CW	(Gwr)
<b>M41</b>	8560	3-11	1602	Tue	Russian Air Defence i.p. ZBJC AR	CW	(Tom)
<b>M42</b>	10828	2-11	0530	Mon	Russian dipo/intel.	MFSK-16	(AB)
<b>M42</b>	9342	2-11	1222	Mon	Russian diplo	MFSK	(AB)
<b>M42</b>	7472	3-11	1334	Tue	Russian diplo	MFSK	(AB)
<b>M42</b>	6778	11-11	1425	Wed	Russian intel i.p.	MFSK-80/250bd BPSK	(AB)
<b>M42</b>	14930	16-11	0920	Mon	Russian dipo/intel.	MFSK	(AB)
<b>M42</b>	13461	16-11	1345	Mon	Russian embassy Lisbon wkg MFA Moscow	MFSK-32/OFDM-60	(AB)
<b>M42</b>	13461	16-11	1345	Mon	MFA Moscow wkg Russian embassy Lisbon	MFSK-32/OFDM-60	(AB)
<b>M42</b>	13968	17-11	0915	Tue	Russian diplo	MFSK-32/OFDM-60	(EW)
<b>M42</b>	12151	17-11	0930	Tue	Russian diplo	MFSK-32/OFDM-60	(EW)
<b>M42</b>	12156	17-11	0935	Tue	Russian diplo	MFSK-32/OFDM-60	(EW)
<b>M42</b>	6774	23-11	1210	Mon	Russian intel //7764 kHz	17xQPSK 62.5Bd	(Danix)
<b>M42</b>	7764	23-11	1210	Mon	Russian intel //6774 kHz	17xQPSK 62.5Bd	(Danix)
<b>M42</b>	5899	23-11	1230	Mon	Russian intel //7572 kHz	17xQPSK 62.5Bd	(Danix)
<b>M42</b>	7572	23-11	1230	Mon	Russian intel //5899 kHz	17xQPSK 62.5Bd	(Danix)
<b>M42</b>	5474	23-11	1250	Mon	Russian intel //6999 kHz	17xQPSK 62.5Bd	(Danix)
<b>M42</b>	6999	23-11	1250	Mon	Russian intel //5474 kHz	17xQPSK 62.5Bd	(Danix)
<b>M42</b>	10822	24-11	0810	Tue	Russian diplo i.p.	MFSK	(AB)
<b>M42</b>	12214	24-11	0810	Tue	Russian diplo i.p.	MFSK-32/OFDM-60	(AB)
<b>M42</b>	13903	24-11	0901	Tue	Russian diplo i.p.	MFSK	(AB)
<b>M42</b>	11402	24-11	0911	Tue	Russian diplo i.p.	MFSK-32/OFDM-60	(AB)
<b>M42</b>	16309	24-11	1013	Tue	Russian diplo i.p.	MFSK	(AB)
<b>M42</b>	16348	24-11	1015	Tue	Russian diplo	MFSK	(AB)
<b>M42</b>	8162	24-11	1410	Tue	Russian intel.	17x62.5Bd QPSK/250Bd BPSK	(AB)
<b>M42</b>	13998	25-11	0610	Wed	Russian intel. //16278 kHz	17x62.5Bd QPSK/250Bd BPSK	(Danix)
<b>M42</b>	16278	25-11	0610	Wed	Russian intel. //13998 kHz	17x62.5Bd QPSK/250Bd BPSK	(Danix)
<b>M42</b>	8091	25-11	1020	Wed	Russian intel.	17x62.5Bd QPSK	(AB)
<b>M42</b>	8141	25-11	1310	Wed	Russian intel.	17x62.5Bd QPSK/250Bd BPSK	(AB)
<b>M42</b>	7987	25-11	1320	Wed	Russian intel.	17x62.5Bd QPSK/250Bd BPSK	(AB)
<b>M42</b>	7534	25-11	1330	Wed	Russian intel.	17x62.5Bd QPSK/250Bd BPSK	(AB)
<b>M42</b>	6974	25-11	1340	Wed	Russian intel.	17x62.5Bd QPSK/250Bd BPSK	(AB)
<b>M42</b>	6774	25-11	1350	Wed	Russian intel.	17x62.5Bd QPSK/250Bd BPSK	(AB)
<b>M42</b>	5874	25-11	1400	Wed	Russian intel.	17x62.5Bd QPSK/250Bd BPSK	(AB)
<b>M42</b>	6977	25-11	1410	Wed	Russian intel. //8162 kHz	5xMFSK-16/250Bd BPSK	(Danix)
<b>M42</b>	8162	25-11	1410	Wed	Russian intel. //6977 kHz	5xMFSK-16/250Bd BPSK	(AB/Danix)
<b>M42</b>	6778	25-11	1420	Wed	Russian intel. //7983 kHz	5xMFSK-16/250Bd BPSK	(Danix)
<b>M42</b>	7983	25-11	1420	Wed	Russian intel. //6778 kHz	5xMFSK-16/250Bd BPSK	(AB/Danix)
<b>M42</b>	5737	25-11	1430	Wed	Russian intel. //7572 kHz	5xMFSK-16/250Bd BPSK	(Danix)

<b>M42</b>	7572	25-11	1430	Wed	Russian intel. //5737 kHz	5xMFSK-16/250Bd BPSK	(AB/Danix)
<b>M51a</b>	3881	21-11	0918	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ SAMEDI 4/LEÑON NUMERO 1/2 VITESSE 600 CODE =	CW	(AB)
<b>M51a</b>	6825	21-11	0918	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ SAMEDI 4/LEÑON NUMERO 1/2 VITESSE 600 CODE =	CW	(AB)
<b>M51b</b>	6825	2-11	1627	Mon	French Morse practice i.p. SJQUZ AKJIO DLSME ... followed by 5FGs and punctuation.	CW	(MPJ)
<b>M51b</b>	3881	21-11	0841	Sat	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
<b>M51b</b>	6825	21-11	0841	Sat	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
<b>M51b</b>	6825	21-11	1219	Sat	Code Morse Franpais. Fast mixed content.	CW	(MPJ)
<b>M51b</b>	6825	23-11	1205	Mon	Morse Practice. Fast mixed content	CW	(MPJ)
<b>M89</b>	3596	4-11	1743	Wed	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
<b>M89</b>	4888	4-11	1743	Wed	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
<b>M89</b>	3842	4-11	1808	Wed	V 8FBH (x3) DE 5J9K (x2)	CW	(JPL)
<b>M89</b>	4898	5-11	1852	Thu	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
<b>M89</b>	3842	5-11	1854	Thu	V 8FBH (x3) DE 5J9K (x2)	CW	(JPL)
<b>M89</b>	3842	6-11	1114	Fri	V 8FBH (x3) DE 5J9K (x2)	CW	(JPL)
<b>M89</b>	3596	6-11	1116	Fri	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
<b>M89</b>	4888	6-11	1116	Fri	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
<b>M89</b>	3850	6-11	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
<b>M89</b>	4860	6-11	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
<b>M89</b>	5640	6-11	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
<b>M89</b>	6320	6-11	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
<b>M89</b>	6840	6-11	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
<b>M89</b>	4720	6-11	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
<b>M89</b>	5150	6-11	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
<b>M89</b>	3596	7-11	1242	Sat	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
<b>M89</b>	4888	7-11	1242	Sat	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
<b>M89</b>	5248	7-11	1242	Sat	i.p. 9950 AR HR WK NR 460 NIL NIL SK	CW	(JPL)
<b>M89</b>	5689	7-11	1242	Sat	V 765G (x3) 7 DE 57BJ (x2) K HR CQ PSE ALL CY HR CQ PSE ALL CY MSG NR 2935 CK 50 45 1107 2050 RMKS CQ =	CW	(JPL)
<b>M89</b>	4421	7-11	1307	Sat	i.p. 6A65 N3A3 DTU3 ... AR K NKU7 .. K	CW	(JPL)
<b>M89</b>	4256	7-11	1309	Sat	i.p. VV R U 7G GA K OK GA K R OK GA K	CW	(JPL)
<b>M89</b>	3850	9-11	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
<b>M89</b>	4860	9-11	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
<b>M89</b>	5640	9-11	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
<b>M89</b>	6320	9-11	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
<b>M89</b>	6840	9-11	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
<b>M89</b>	3596	9-11	1126	Mon	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
<b>M89</b>	4888	9-11	1126	Mon	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
<b>M89</b>	4720	9-11	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
<b>M89</b>	4754	9-11	1130	Mon	i.p. FF NR 51/EX 1929 RMKS CQ = E3Q4/V8G5 AR FF NR 51/EX 1929 RMKS CQ = E3Q4/V8G5 AR HR WK NR 425 QSL ? K	CW	(JPL)
<b>M89</b>	5150	9-11	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
<b>M89</b>	4321	9-11	1142	Mon	i.p. U345 67DN U345 67DN U345 67DN AR K. 4321 HR 7G GA K. R IEC BT 2345 34 AR (Exercise related)	CW	(JPL)
<b>M89</b>	3596	9-11	1801	Mon	V QYE2 (x3) DE 9WFFV (x2)	CW	(JPL)
<b>M89</b>	3842	9-11	1824	Mon	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
<b>M89</b>	4720	9-11	1830	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)



M89	5150	9-11	1830	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	6824	10-11	0119	Tue	V QYE2 (x3) DE 9WFFV (x2) //8182	CW	(JPL)
M89	8182	10-11	0119	Tue	V QYE2 (x3) DE 9WFFV (x2) //6824	CW	(JPL)
M89	5640	10-11	0120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6320 and 6840 and 8290 and 8360 and 10640	CW	(JPL)
M89	6320	10-11	0120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6840 and 8290 and 8360 and 10640	CW	(JPL)
M89	6840	10-11	0120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 8290 and 8360 and 10640	CW	(JPL)
M89	8290	10-11	0120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 6840 and 8360 and 10640	CW	(JPL)
M89	8360	10-11	0120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 6840 and 8290 and 10640	CW	(JPL)
M89	10640	10-11	0120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 6840 and 8290 and 8360	CW	(JPL)
M89	7620	10-11	0130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	10-11	0130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	3842	10-11	1156	Tue	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	3596	10-11	1157	Tue	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	10-11	1157	Tue	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
M89	5328	13-11	1119	Fri	i.p. 3U35 A3NN TAU5 ...	CW	(JPL)
M89	3850	13-11	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	4860	13-11	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	5640	13-11	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	6320	13-11	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	6840	13-11	1120	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	4898	13-11	1127	Fri	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	3842	13-11	1129	Fri	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	4888	13-11	1137	Fri	V QYE2 (x3) DE 9WFFV (x2)	CW	(JPL)
M89	3595	13-11	1159	Fri	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	13-11	1159	Fri	V QYE2 (x3) DE 9WFFV (x2) //3595	CW	(JPL)
M89	4720	13-11	2230	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	13-11	2230	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	4898	13-11	2235	Fri	V QWS1 (x3) DE 87DS (x2)	CW	(JPL)
M89	3842	13-11	2239	Fri	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	3595	13-11	2242	Fri	V QYE2 (x3) DE 9WFFV (x2)	CW	(JPL)
M89	4888	13-11	2242	Fri	V QYE2 (x3) DE 9WFFV (x2) //3595 and 6824 and 8182	CW	(JPL)
M89	6824	13-11	2242	Fri	V QYE2 (x3) DE 9WFFV (x2) //3595 and 4888 and 818	CW	(JPL)
M89	8182	13-11	2242	Fri	V QYE2 (x3) DE 9WFFV (x2) //3595 and 4888 and 6824	CW	(JPL)
M89	4640	14-11	1206	Sat	i.p. 18 1114 1925 RMKS 6841 TO 7606 K. R MSG NR .41 CK 91 18 1114 1925 RMKS 6841 TO 7606 K. R = AN76 5374 5N4T 453U DU6N 6UTA NTUA 6437 ...	CW	(JPL)
M89	3842	14-11	1212	Sat	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	3595	14-11	1218	Sat	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	14-11	1218	Sat	V QYE2 (x3) DE 9WFFV (x2) //3595	CW	(JPL)
M89	3850	14-11	1220	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	4860	14-11	1220	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	5640	14-11	1220	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	6320	14-11	1220	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	6840	14-11	1220	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	8642	15-11	0215	Sun	i.p. 596/XZ773/4923/05/07/27/X573A/COMM/9950 AR HR WK NR 1063 HR SVC GA =	CW	(JPL)
M89	6182	15-11	0227	Sun	V QYE2 (x3) DE 9WFFV (x2)MSG GA NR 0379/MZ 1025 RMKS 7909 TO 1337 968. ... =	CW	(JPL)
M89	6824	15-11	0227	Sun	V QYE2 (x3) DE 9WFFV (x2) //8182	CW	(JPL)
M89	6753	15-11	0250	Sun	i.p. 4TUN NU43 AT53 45N7 ...	CW	(JPL)

M89	6829	15-11	0304	Sun	i.p. = 4773 AR K R RPT 1P 71W = AU63 AU63 AR K	CW	(JPL)
M89	3842	15-11	1357	Sun	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	3595	15-11	1358	Sun	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	15-11	1358	Sun	V QYE2 (x3) DE 9WFFV (x2) //3595	CW	(JPL)
M89	3245	15-11	1934	Sun	i.p. T3AU 7663 DD55 4D64 4647 ... AR K RPT 1P 07W = 353A 353A AR K (ContEd to repeat groups)	CW	(JPL)
M89	4018	15-11	1956	Sun	i.p. = 77A4 UNU7 NADD D73T U3NU TATU UUA3 47U3 TT4A TT55 ...	CW	(JPL)
M89	3850	18-11	1620	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	4860	18-11	1620	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	5640	18-11	1620	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	6320	18-11	1620	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	6840	18-11	1620	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	3595	18-11	1627	Wed	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	18-11	1627	Wed	V QYE2 (x3) DE 9WFFV (x2) //3595	CW	(JPL)
M89	4720	18-11	1630	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	18-11	1630	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	5248	18-11	1632	Wed	i.p. 596/XX070/5765/03/70/77..870A/COMM/9950 AR HR SVC GA HR SVC GA = HR WK NR 520 HR WK NR 520 NIL SK NIL SK	CW	(JPL)
M89	5858	18-11	2350	Wed	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	8890	19-11	0020	Thu	i.p. 3DT5 T7U5 7A6U 3N4D 7D3A ...	CW	(JPL)
M89	6824	19-11	0025	Thu	V QYE2 (x3) DE 9WFFV (x2) //8182	CW	(JPL)
M89	8182	19-11	0025	Thu	V QYE2 (x3) DE 9WFFV (x2) //6824	CW	(JPL)
M89	5712	19-11	0030	Thu	i.p. HR WK NR 109 UWK NR ? K NR HR WK NR IS28 K (Both stations on this frequency) R SK SK SK	CW	(JPL)
M89	5680	19-11	0033	Thu	i.p. 0830 RMKS 7900 TO 9619 = 1001 6676 6661 6669 6661 6196 6760 6760 9670 6620	CW	(JPL)
M89	5555	19-11	0041	Thu	i.p. RMKS 664U TO 6643 K 7G 7G NR 1001 CK 60 32 1116 0..3 RMKS 6652 TO 6643 K K	CW	(JPL)
M89	5101	19-11	0050	Thu	i.p. 4532 4851 AR IEC = 4532 4851 AR K. HR WK NR 102 ...	CW	(JPL)
M89	3842	19-11	1547	Thu	V K9S3 (x3) DE Q5R2 (x2) (	CW	(JPL)
M89	3595	19-11	1549	Thu	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	19-11	1549	Thu	V QYE2 (x3) DE 9WFFV (x2) //3595	CW	(JPL)
M89	4537	19-11	1553	Thu	i.p. 7NU7 A4TU U77D 7AU5 5N74 UA67 4AU3 ...	CW	(JPL)
M89	5656	19-11	1554	Thu	i.p. HR 03 CHAN KP HR 03 CHAN AR WK USB WK USB	CW	(JPL)
M89	3842	21-11	1111	Sat	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	3595	21-11	1113	Sat	V QYE2 (x3) DE 9WFFV (x2) //4888 and 6824	CW	(JPL)
M89	4888	21-11	1113	Sat	V QYE2 (x3) DE 9WFFV (x2) //3595 and 6824	CW	(JPL)
M89	6824	21-11	1113	Sat	V QYE2 (x3) DE 9WFFV (x2) //3595 and 4888	CW	(JPL)
M89	5519	21-11	1116	Sat	i.p. QSL 1925 K HR WK NR 406 K HR WK NR 406 K SK	CW	(JPL)
M89	3850	21-11	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)//4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	4860	21-11	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)//3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	5640	21-11	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)//3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	6320	21-11	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)//3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	6840	21-11	1120	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)//3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	4720	21-11	1130	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	21-11	1130	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	4315	21-11	1136	Sat	i.p. IEC = 4162 AR K R 7G GA K = ..25 TO 7520 AR K NR 2038 CK 91 09 1121 1930 RMKS = 7425 TO 7520 AR K = = = A44D NTAD NA3U A5N6 DU3D (ContEd)	CW	(JPL)
M89	5257	22-11	1806	Sun	i.p. VVV = 0PV6 0PVB 0PV6 AR HR NIL GB	CW	(JPL)
M89	3842	22-11	1811	Sun	V K9S3 (x3) DE Q5R2 (x2)	CW	(JPL)
M89	3595	22-11	1813	Sun	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)

M89	4888	22-11	1813	Sun	V QYE2 (x3) DE 9WFFV (x2) //3595	CW	(JPL)
M89	3595	24-11	1119	Tue	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	24-11	1119	Tue	V QYE2 (x3) DE 9WFFV (x2) //3595	CW	(JPL)
M89	3850	24-11	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	4860	24-11	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	5640	24-11	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	6320	24-11	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	6840	24-11	1120	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	5555	24-11	1128	Tue	i.p. 34D5 67NT 3AU4 T756 DNU5 6NAT 7D34 ...	CW	(JPL)
M89	5138	24-11	1129	Tue	i.p. 4D53 N6.7 A.DU UA64 435N 74N3 D63T ANTU UNDT ...	CW	(JPL)
M89	4720	24-11	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	24-11	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	3842	24-11	1148	Tue	V 8FDH (x3) DE 5J9K (x2)	CW	(JPL)
M89	4775	24-11	1148	Tue	i.p. DE FOW4 QSA 1 K H VVV K78Y K (All stations on this frequency) RR DE FGW4 QSA 1 K R QSA 2 NIL SK	CW	(JPL)
M89	5858	24-11	1148	Tue	V 8FDH (x3) DE 5J9K (x2)	CW	(JPL)
M89	3595	25-11	1030	Wed	V QYE2 (x3) DE 9WFFV (x2) //4888 and 8182	CW	(JPL)
M89	4888	25-11	1030	Wed	V QYE2 (x3) DE 9WFFV (x2) //3595 and 8182	CW	(JPL)
M89	8182	25-11	1030	Wed	V QYE2 (x3) DE 9WFFV (x2) //3595 and 4888	CW	(JPL)
M89	6880	25-11	1031	Wed	VVV JYD (x3) DE M8S (x2)	CW	(JPL)
M89	3595	27-11	1018	Fri	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	27-11	1018	Fri	V QYE2 (x3) DE 9WFFV (x2) //3595	CW	(JPL)
M89	5640	27-11	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6320 and 6840 and 8290 and 10640	CW	(JPL)
M89	6320	27-11	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6840 and 8290 and 10640	CW	(JPL)
M89	6840	27-11	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 8290 and 10640	CW	(JPL)
M89	8290	27-11	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 6840 and 10640	CW	(JPL)
M89	10640	27-11	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640 and 6320 and 6840 and 8290	CW	(JPL)
M89	5858	27-11	1029	Fri	V 8FDH (x3) DE 5J9K (x2)	CW	(JPL)
M89	7620	27-11	1030	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	27-11	1030	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	3595	29-11	2233	Sun	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	29-11	2233	Sun	V QYE2 (x3) DE 9WFFV (x2) //3595	CW	(JPL)
M89	4545	29-11	2300	Sun	i.p. AN56 NTT6 764A 3D75 4AU7 U53D 4A64 ...	CW	(JPL)
M89	3850	30-11	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 and 5640 and 6320 and 6840	CW	(JPL)
M89	4860	30-11	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 5640 and 6320 and 6840	CW	(JPL)
M89	5640	30-11	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 6320 and 6840	CW	(JPL)
M89	6320	30-11	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6840	CW	(JPL)
M89	6840	30-11	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850 and 4860 and 5640 and 6320	CW	(JPL)
M89	5248	30-11	1127	Mon	i.p. 6NTA AR HR SVC GA HR SVC GA = 596/XZ778/5290/X578A/27/03/57/COMM/9950 AR	CW	(JPL)
M89	4720	30-11	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	30-11	1130	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	3595	30-11	1133	Mon	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	30-11	1133	Mon	V QYE2 (x3) DE 9WFFV (x2) //3595	CW	(JPL)
M89	3842	30-11	1136	Mon	V 8FBH (x3) DE 5J9K (x2)	CW	(JPL)
M95	3968	4-11	1739	Wed	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	4-11	1739	Wed	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	3968	5-11	1832	Thu	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	5-11	1832	Thu	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)



M95	5479	6-11	1111	Fri	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	6-11	1111	Fri	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4364	6-11	1146	Fri	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0980 CK 452 35 1106 1654 = //8073	CW	(JPL)
M95	8073	6-11	1146	Fri	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 0980 CK 452 35 1106 1654 = //4364	CW	(JPL)
M95	4243	6-11	1152	Fri	V HR MSG TO YR PSE CY NR 039 CK 54 35 1106 1515 = 5AA UTT TT6 ... //9054	CW	(JPL)
M95	9054	6-11	1152	Fri	V HR MSG TO YR PSE CY NR 039 CK 54 35 1106 1515 = 5AA UTT TT6 ... //4243	CW	(JPL)
M95	5479	7-11	1207	Sat	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	7-11	1207	Sat	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	3968	7-11	1238	Sat	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	7-11	1238	Sat	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	4364	9-11	1151	Mon	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1008 CK 438 35 1109 1641 = //8073	CW	(JPL)
M95	8073	9-11	1151	Mon	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1008 CK 438 35 1109 1641 = //4364	CW	(JPL)
M95	4243	9-11	1200	Mon	i.p. AR A HR 7G GA NR 041 CK 17 35 1109 1610 = UT5 TTT 3U6 3A4 TTA TTU TT3 773 35A U4T ...	CW	(JPL)
M95	3968	9-11	1803	Mon	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	9-11	1803	Mon	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	5479	10-11	1145	Tue	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
M95	4243	10-11	1150	Tue	i.p. A HR 7G GA NR 20 CK 118 35 1110 1624 = UTU TAT 4U6 3A4 TTU N54 TT3 773 35A U4T (ContÆd)	CW	(JPL)
M95	4364	10-11	1151	Tue	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1018 CK 527 35 1110 1701 =	CW	(JPL)
M95	3968	10-11	2109	Tue	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	10-11	2109	Tue	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	4364	12-11	1149	Thu	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1032 CK 222 35 1112 1717 = //8073	CW	(JPL)
M95	8073	12-11	1149	Thu	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1032 CK 222 35 1112 1717 = //4364	CW	(JPL)
M95	4243	12-11	1155	Thu	i.p. AR MSG AGN NR 051 CK 53 35 1112 1520 = 5AA UTT TAU 3U6 3A4 ...	CW	(JPL)
M95	5479	13-11	1111	Fri	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	13-11	1111	Fri	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4364	13-11	1146	Fri	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY (Horrible CW operator) //8073	CW	(JPL)
M95	8073	13-11	1146	Fri	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY (Horrible CW operator) //4364	CW	(JPL)
M95	4243	13-11	1153	Fri	i.p. VV HR 7G TO YR PSE CY NR .6 CK 115 35 1113 1543 = (Message NR probably 26)	CW	(JPL)
M95	3968	13-11	1808	Fri	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	13-11	1808	Fri	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	4364	14-11	1145z	Sat	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1048 CK 467 35 1114 1629 = //	CW	(JPL)
M95	8073	14-11	1145z	Sat	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1048 CK 467 35 1114 1629 = //4364	CW	(JPL)
M95	9054	14-11	1150	Sat	i.p. AR A HR 7G GA NR 66 CK 17 35 1114 1530 = UT5 TA4 3U6 3A4 TTA TTU TT3 773 353 U4T ...	CW	(JPL)
M95	5479	14-11	1226	Sat	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	14-11	1226	Sat	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	3968	14-11	1227	Sat	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	14-11	1227	Sat	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	5479	15-11	0209	Sun	NR 0431000 RMKS 5409 TO 5471 = COMM/1030/XZ921/17/5402/5471 AR QSL ? HR WK NR 25 V YHxD DE SAQC //10722	CW	(JPL)
M95	10722	15-11	0209	Sun	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5672	15-11	0236	Sun	i.p. R QSA 1 IEC = 4207 AR K R IEC = 4207 AR K R MSG GA CY HW K	CW	(JPL)
M95	3968	15-11	1403	Sun	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	15-11	1403	Sun	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	3968	18-11	1613	Wed	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
M95	4243	18-11	2349	Wed	V HR MSG TO YR PSE CY HR 7G TO YR PSE CY NR 074 CK 13 35 1119 0601 =	CW	(JPL)
M95	8073	19-11	0006	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 1066 CK 106 35 1119 0649 =	CW	(JPL)
M95	3968	19-11	0015	Thu	V YHxD (x3) DE SAQC (x2)	CW	(JPL)

M95	4364	19-11	1147	Thu	XSV85 i.p. 4DT 4D6 33D 4D3 773 TU7 773 TU3 773 356 ... AR AR //8073	CW	(JPL)
M95	8073	19-11	1147	Thu	XSV85 i.p. 4DT 4D6 33D 4D3 773 TU7 773 TU3 773 356 ... AR AR //4364	CW	(JPL)
M95	4243	19-11	1205	Thu	i.p. AR A HR UP SB WK //9054	CW	(JPL)
M95	9054	19-11	1205	Thu	i.p. AR A HR UP SB WK //4243	CW	(JPL)
M95	3968	19-11	1543	Thu	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	19-11	1543	Thu	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	5479	21-11	1106	Sat	V YHDX (x3) DE SAQC (x2) TUA 3U6 3AN 3U7 TAU 773 TA7 773 353 4T3 ... //10722	CW	(JPL)
M95	10722	21-11	1106	Sat	V YHDX (x3) DE SAQC (x2) TUA 3U6 3AN 3U7 TAU 773 TA7 773 353 4T3 ... //5479	CW	(JPL)
M95	4364	21-11	1141	Sat	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1071 CK 383 35 1121 1557 = //8073	CW	(JPL)
M95	8073	21-11	1141	Sat	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1071 CK 383 35 1121 1557 = //4364	CW	(JPL)
M95	4243	21-11	1149	Sat	V HR MSG TO YR PSE CY .... 1121 1610 = AR 7G AGN NR 069 CK 62 35 1121 1610 =	CW	(JPL)
M95	3968	22-11	1800	Sun	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	22-11	1800	Sun	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	5479	24-11	1111	Tue	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	24-11	1111	Tue	V YHDX (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	8073	24-11	1141	Tue	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1083 CK 364 35 1124 1600 =	CW	(JPL)
M95	3968	24-11	1748	Tue	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	24-11	1748	Tue	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	5479	25-11	1044	Wed	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	25-11	1044	Wed	V YHDX (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5479	27-11	1035	Fri	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	27-11	1035	Fri	V YHDX (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	5555	27-11	1037	Fri	i.p. HR WK NR 160 VVV HR 7G GA NR 843/CCK CK 299 38 50 9147 NR 843/CCK CK 299 38 569147 44 RMKS BFS =	CW	(JPL)
M95	4364	27-11	1143	Fri	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1095 CK 235 35 1127 1526 = 8073	CW	(JPL)
M95	8073	27-11	1143	Fri	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR 1095 CK 235 35 1127 1526 = //4364	CW	(JPL)
M95	3968	29-11	2226	Sun	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	29-11	2226	Sun	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	8073	30-11	1140	Mon	V BNGC (x3) DE XSV85 (x2) HR MSGS GA PSE CY NR .... CK ..3 35 1130 1622 =	CW	(JPL)
M95	4342	30-11	1143	Mon	7G NR 165/CCK CK 91 62 1130 1935 RMKS 04.1 TO 4721 K //9054	CW	(JPL)
M95	9054	30-11	1143	Mon	7G NR 165/CCK CK 91 62 1130 1935 RMKS 04.1 TO 4721 K //5342	CW	(JPL)
M95	4243	30-11	1147	Mon	NR 087 CK 28 35 1130 1531 = 5AA UTT T3T 3U6 3A4 //9054	CW	(JPL)
M95	9054	30-11	1147	Mon	NR 087 CK 28 35 1130 1531 = 5AA UTT T3T 3U6 3A4 //4243	CW	(JPL)
MX	3657	7-11	1743	Sat	Beacon V	CW	(AB)
MX	16074	12-11	1200	Thu	Marker C (R15)	CW	(AB)
MX	5156.8	14-11	1732	Sat	Beacon L, St Petersburg	CW	(AB)
MX	15540	20-11	1430	Fri	Marker C	CW	(AB)
MX	5156.8	21-11	1659	Sat	Beacon L, St Petersburg	CW	(AB)
MX	10871.7	27-11	1242	Fri	Beacon D, Sevastopol	CW	(AB)
MX	10871.8	27-11	1242	Fri	Beacon P, Kaliningrad	CW	(AB)
MX	10871.9	27-11	1242	Fri	Beacon S, Sevoromorsk	CW	(AB)
MX	10872.1	27-11	1242	Fri	Beacon A, Astrakhan	CW	(AB)
MX	8494.8	27-11	1243	Fri	Beacon P, Kaliningrad	CW	(AB)
MX	8497.9	27-11	1245	Fri	Beacon L, St Petersburg	CW	(AB)
MX	20047.7	27-11	1246	Fri	Beacon D, Sevastopol	CW	(AB)
MX	13527.7	27-11	1249	Fri	Beacon D, Sevastopol	CW	(AB)
MX	13527.9	27-11	1249	Fri	Beacon S, Sevoromorsk	CW	(AB)

<b>MX</b>	16331.7	27-11	1249	Fri	Beacon D, Sevastopol	CW	(AB)
<b>MX</b>	16331.9	27-11	1249	Fri	Beacon S, Sevromorsk	CW	(AB)
<b>MX</b>	7509.8	27-11	1251	Fri	Beacon P, Kaliningrad	CW	(AB)
<b>MX</b>	20047.9	28-11	0926	Sat	Beacon S, Sevromorsk	CW	(AB)
<b>MX</b>	5156.8	28-11	1609	Sat	Beacon L, St Petersburg	CW	(AB)
<b>P03e</b>	10800	1-11	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	10800	1-11	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5082	1-11	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5082	1-11	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5082	3-11	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5082	3-11	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	10800	6-11	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	10800	6-11	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	10800	8-11	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	10800	8-11	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5082	8-11	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5082	8-11	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5082	10-11	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5082	10-11	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10800	13-11	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10800	13-11	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10800	15-11	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10800	15-11	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5082	15-11	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5082	15-11	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5082	17-11	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(MPJ)
<b>P03e</b>	5082	17-11	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(MPJ)
<b>P03e</b>	10800	20-11	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10800	20-11	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10800	22-11	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	10800	22-11	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
<b>P03e</b>	5082	22-11	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5082	22-11	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5082	24-11	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5082	24-11	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10800	27-11	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10800	27-11	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10800	29-11	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	10800	29-11	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5082	29-11	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03e</b>	5082	29-11	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
<b>P03f</b>	6280	3-11	1100	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6280	3-11	1105	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6280	4-11	1100	Wed	Polish intel.	QPSK 200Bd/496bp	(AB/MPJ)
<b>P03f</b>	6280	4-11	1105	Wed	Polish intel.	QPSK 200Bd/496bp	(AB/MPJ)
<b>P03f</b>	6280	10-11	1100	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
<b>P03f</b>	6280	10-11	1105	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)

P03f	6280	11-11	1100	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	6280	11-11	1105	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	6280	17-11	1100	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	6280	17-11	1105	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	6280	18-11	1100	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	6280	18-11	1105	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	6280	24-11	1100	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	6280	24-11	1105	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	6280	25-11	1100	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	6280	25-11	1105	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03g	13046	6-11	1330	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	6-11	1335	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	11-11	1330	Wed	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	11-11	1335	Wed	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	13-11	1330	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	13-11	1335	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	18-11	1330	Wed	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	18-11	1335	Wed	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	20-11	1330	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	20-11	1335	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	25-11	1330	Wed	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	25-11	1335	Wed	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	27-11	1330	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	27-11	1335	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03h	9079	2-11	0530	Mon	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	2-11	0535	Mon	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	9-11	0530	Mon	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	9-11	0535	Mon	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	11-11	0530	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	11-11	0535	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	16-11	0530	Mon	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	16-11	0535	Mon	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	18-11	0530	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	18-11	0535	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	23-11	0530	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	23-11	0535	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	25-11	0530	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	25-11	0535	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	30-11	0530	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	30-11	0535	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03i	9052	3-11	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	3-11	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	3-11	0800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	3-11	0805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	3-11	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	3-11	1810	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	4-11	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)

P03i	14656	4-11	0820	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	5-11	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	5-11	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	10-11	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	10-11	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	10-11	0800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	10-11	0805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	10-11	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	10-11	1810	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	14656	11-11	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	11-11	0820	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	12-11	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	12-11	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	17-11	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	17-11	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	17-11	0800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	17-11	0805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	17-11	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	17-11	1810	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	18-11	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	18-11	0820	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	19-11	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	19-11	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	24-11	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	24-11	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	24-11	0800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	24-11	0805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	24-11	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	24-11	1810	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	14656	25-11	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	25-11	0820	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	26-11	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	26-11	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	26-11	1800	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	26-11	1810	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03j	6906	2-11	1830	Mon	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	6906	2-11	1835	Mon	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	6906	5-11	1830	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	5-11	1835	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	9-11	1830	Mon	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	6906	9-11	1835	Mon	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	6906	12-11	1830	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6906	12-11	1835	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6906	16-11	1830	Mon	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	6906	16-11	1835	Mon	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	6906	19-11	1830	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6906	19-11	1835	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)



P03j	6906	23-11	1830	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6906	23-11	1835	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6906	26-11	1830	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6906	26-11	1835	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6906	30-11	1830	Mon	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	6906	30-11	1835	Mon	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03k	5371	1-11	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	1-11	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	1-11	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	1-11	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	1-11	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	1-11	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	1-11	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	1-11	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	1-11	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	1-11	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	2-11	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	2-11	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	2-11	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	2-11	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	3-11	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	3-11	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	4-11	1320	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	4-11	1325	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14975	4-11	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14975	4-11	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	6-11	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	6-11	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	6-11	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	6-11	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	6-11	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	6-11	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	7-11	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	7-11	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	7-11	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14415	7-11	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	4356	7-11	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	7-11	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	7-11	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	7-11	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14975	7-11	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14975	7-11	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	8-11	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	8-11	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	8-11	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	8-11	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	8-11	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	13470	8-11	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	8-11	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	8-11	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	9-11	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13470	9-11	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	9-11	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	9-11	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	10-11	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	10-11	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	11-11	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	11-11	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14975	11-11	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14975	11-11	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5409	13-11	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	13-11	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	13-11	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	13-11	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	13-11	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	13-11	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	14-11	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	14-11	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	14-11	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14415	14-11	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	4356	14-11	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	14-11	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	14-11	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	14-11	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14975	14-11	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14975	14-11	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	15-11	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	15-11	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	15-11	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	15-11	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	15-11	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	15-11	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	16-11	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	16-11	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	16-11	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	16-11	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	17-11	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	17-11	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	18-11	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	18-11	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14975	18-11	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14975	18-11	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5409	20-11	0505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	20-11	0510	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	8680	20-11	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	20-11	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	20-11	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	20-11	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	21-11	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	21-11	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	21-11	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14415	21-11	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	4356	21-11	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	21-11	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	21-11	1500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	21-11	1505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14975	21-11	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14975	21-11	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	22-11	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	22-11	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	22-11	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5409	22-11	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	22-11	1320	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	22-11	1325	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	22-11	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	22-11	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	22-11	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	22-11	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	23-11	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	23-11	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	23-11	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	23-11	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	24-11	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	24-11	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	25-11	1500	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	25-11	1505	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14975	25-11	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14975	25-11	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	27-11	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	27-11	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	27-11	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	27-11	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	28-11	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5371	28-11	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	28-11	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14415	28-11	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	4356	28-11	1320	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	28-11	1325	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	29-11	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	29-11	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8680	29-11	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)



P03k	8680	29-11	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	30-11	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13470	30-11	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	30-11	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	30-11	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03l	4909	1-11	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	1-11	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9079	1-11	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9079	1-11	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9079	4-11	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9079	4-11	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5779	4-11	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5779	4-11	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	5-11	0610	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	5-11	0615	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5779	6-11	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5779	6-11	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4356	7-11	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4356	7-11	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4356	8-11	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4356	8-11	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9079	8-11	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9079	8-11	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9079	11-11	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9079	11-11	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5779	11-11	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5779	11-11	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	12-11	0610	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	12-11	0615	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5779	13-11	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5779	13-11	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4356	14-11	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4356	14-11	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4356	15-11	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4356	15-11	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9079	18-11	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9079	18-11	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5779	18-11	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5779	18-11	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	19-11	0610	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4909	19-11	0615	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	5779	20-11	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	5779	20-11	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03l	4356	21-11	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4356	21-11	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4356	22-11	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4356	22-11	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	9079	22-11	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	22-11	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	25-11	1120	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	25-11	1125	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5779	25-11	1230	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5779	25-11	1235	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	26-11	0610	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4909	26-11	0615	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5779	27-11	1230	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5779	27-11	1235	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4356	28-11	0610	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4356	28-11	0615	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4356	29-11	0610	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4356	29-11	0615	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	29-11	1120	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	29-11	1125	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
Q26	4364	6-11	1132	Fri	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	6-11	1132	Fri	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	6-11	1150	Fri	Message //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	6-11	1150	Fri	Message //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	9-11	1138	Mon	BNGC DE XSV85 //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	9-11	1138	Mon	BNGC DE XSV85 //4363	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	10-11	1143	Tue	XSV85 sending messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	12-11	1135	Thu	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	12-11	1135	Thu	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	13-11	1133	Fri	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	13-11	1133	Fri	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	14-11	1133z	Sat	XSV85 sending messages //	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	14-11	1133z	Sat	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	18-11	2333	Wed	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	19-11	1207	Thu	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	19-11	1207	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	21-11	1131	Sat	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	21-11	1131	Sat	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	21-11	1146	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	24-11	1131	Tue	XSV85 sending messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	27-11	1135	Fri	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	27-11	1135	Fri	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	30-11	1132	Mon	XSV85 sending messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	30-11	1145	Mon	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	30-11	1145	Mon	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
S06	7378	6-11	2000	Fri	452 452 452 00000	USB	(AB/HFD)
S06	5097	6-11	2100	Fri	452 452 452 00000	USB	(AB/HFD)
S06	19875	13-11	0830	Fri	842 960 34 97850 ...	USB	(HFD-CHN)
S06	16067	13-11	0930	Fri	842 960 34 97850 ...	USB	(HFD-CHN)
S06	7378	20-11	2000	Fri	452 452 452 00000	USB	(AB)
S06	5097	20-11	2100	Fri	452 452 452 00000	USB	(AB)

<b>S06</b>	9300	30-11	0715	Mon	910 187 231 22418 89721 78116 ... 01243 65713 22787 187 231 00000	USB	(AB)
<b>S06b</b>	13397	11-11	1500	Wed	387 510 2 11111 00062 510 2 387 469 52 63760 67237 71104 ... 61099 49485 23598 469 52 00000	USB	(Danix/HFD)
<b>S06b</b>	9194	11-11	1600	Wed	387 510 2 11111 00062 510 2 387 469 52 63760 67237 71104 ... 61099 49485 23598 469 52 00000	USB	(AB/HFD)
<b>S06c</b>	9300	30-11	0700	Mon	28441 (R)	USB	(AB)
<b>S06s</b>	13470	2-11	0630	Mon	462 813 5 95693 44707 03156 44356 63319 813 5 00000	USB	(AB)
<b>S06s</b>	16515	2-11	0640	Mon	462 813 5 95693 44707 03156 44356 63319 813 5 00000	USB	(AB-POL)
<b>S06s</b>	8057	2-11	0830	Mon	764 829 5 07022 32734 34771 48591 47281 829 5 00000	USB	(AB/HFD)
<b>S06s</b>	8530	2-11	0835	Mon	764 829 5 07022 32734 34771 48591 47281 829 5 00000	USB	(AB/HFD)
<b>S06s</b>	14675	2-11	0900	Mon	232 407 5 84620 80171 58802 48062 16409 407 5 00000	USB	(AB/HFD)
<b>S06s</b>	12830	2-11	0910	Mon	232 407 5 84620 80171 58802 48062 16409 407 5 00000	USB	(AB/HFD)
<b>S06s</b>	8420	2-11	1300	Mon	149 537 6 23063 36924 98924 75353 33884 83486 537 6 00000	USB	(AB/MPJ/HFD)
<b>S06s</b>	10635	2-11	1310	Mon	149 537 6 23063 36924 98924 75353 33884 83486 537 6 00000	USB	(AB/MPJ/HFD)
<b>S06s</b>	16145	3-11	0600	Tue	438 269 5 10002 96845 22444 08374 98662 269 5 00000	USB	(AB-KWT/HFD)
<b>S06s</b>	14240	3-11	0610	Tue	438 269 5 10002 96845 22444 08374 98662 269 5 00000	USB	(AB-KWT/HFD)
<b>S06s</b>	5250	3-11	0700	Tue	452 871 6 47281 41127 88454 13285 68090 26008 871 6 00000	USB	(AB/HFD)
<b>S06s</b>	6320	3-11	0710	Tue	452 871 6 47281 41127 88454 13285 68090 26008 871 6 00000	USB	(AB/HFD)
<b>S06s</b>	7410	3-11	0730	Tue	427 583 6 42913 43496 72446 49973 33181 65644 583 6 00000	USB	(AB)
<b>S06s</b>	11532	3-11	0740	Tue	427 583 6 42913 43496 72446 49973 33181 65644 583 6 00000	USB	(AB/HFD)
<b>S06s</b>	11945	3-11	0800	Tue	127 893 5 72288 08481 65606 57311 32101 893 5 00000	USB	(AB/HFD)
<b>S06s</b>	13195	3-11	0810	Tue	127 893 5 72288 08481 65606 57311 32101 893 5 00000	USB	(AB)
<b>S06s</b>	6440	3-11	1000	Tue	427 981 5 87425 73220 04504 68866 30206 981 5 00000	USB	(AB/HFD)
<b>S06s</b>	5660	3-11	1010	Tue	427 981 5 87425 73220 04504 68866 30206 981 5 00000	USB	(AB/HFD)
<b>S06s</b>	5035	3-11	1100	Tue	265 890 7 24541 33941 56823 43884 85518 35628 05816 890 7 00000	USB	(AB)
<b>S06s</b>	5975	3-11	1110	Tue	265 890 7 24541 33941 56823 43884 85518 35628 05816 890 7 00000	USB	(AB)
<b>S06s</b>	7062	4-11	0830	Wed	464 207 5 24541 11822 06529 62554 80295 207 5 00000	USB	(AB/HFD)
<b>S06s</b>	11535	4-11	0830	Wed	172 493 5 33941 11998 62487 30112 33504 493 5 00000	USB	(AB/HFD)
<b>S06s</b>	10532	4-11	0840	Wed	464 207 5 24541 11822 06529 62554 80295 207 5 00000	USB	(AB/HFD)
<b>S06s</b>	11830	4-11	0840	Wed	172 493 5 33941 11998 62487 30112 33504 493 5 00000	USB	(AB)
<b>S06s</b>	12365	4-11	1000	Wed	276 981 5 56823 40402 57272 37065 61961 981 5 00000	USB	(AB/HFD)
<b>S06s</b>	14280	4-11	1010	Wed	276 981 5 56823 40402 57272 37065 61961 981 5 00000	USB	(AB/HFD)
<b>S06s</b>	8812	5-11	0930	Thu	698 470 5 92103 50754 67971 35570 71582 470 5 00000	USB	(AB/HFD)
<b>S06s</b>	9540	5-11	0940	Thu	698 470 5 92103 50754 67971 35570 71582 470 5 00000	USB	(AB/HFD)
<b>S06s</b>	12155	5-11	1200	Thu	175 403 6 62554 30112 37065 65600 71259 49301 403 5 00000	USB	(AB/HFD)
<b>S06s</b>	10920	5-11	1210	Thu	175 403 6 62554 30112 37065 65600 71259 49301 403 6 00000	USB	(HFD)
<b>S06s</b>	19020	5-11	1210	Thu	175 403 6 62554 30112 37065 65600 71259 49301 403 5 00000	USB	(AB)
<b>S06s</b>	11040	6-11	0830	Fri	156 403 7 43884 85518 35628 05816 03481 40996 40334 403 7 00000	USB	(AB/HFD)
<b>S06s</b>	12153	6-11	0840	Fri	156 403 7 43884 85518 35628 05816 03481 40996 40334 403 7 00000	USB	(AB/HFD)
<b>S06s</b>	5765	6-11	0900	Fri	239 476 93845 87709 48840 06625 28524 476 5 00000	USB	(AB-POL)
<b>S06s</b>	6315	6-11	0910	Fri	239 476 93845 87709 48840 06625 28524 476 5 00000	USB	(AB)
<b>S06s</b>	8680	7-11	0800	Sat	132 407 5 67553 24398 20119 20765 10852 407 5 00000	USB	(AB/HFD)
<b>S06s</b>	8260	7-11	0810	Sat	132 407 5 67553 24398 20119 20765 10852 407 5 00000	USB	(AB/HFD)
<b>S06s</b>	13470	9-11	0630	Mon	462 813 5 95693 44707 03156 44356 63319 813 5 00000	USB	(AB/HFD)
<b>S06s</b>	16515	9-11	0640	Mon	462 813 5 95693 44707 03156 44356 63319 813 5 00000	USB	(AB-POL/HFD-I)
<b>S06s</b>	8057	9-11	0830	Mon	764 829 5 07022 32734 34771 48591 47281 829 5 00000	USB	(AB)
<b>S06s</b>	8530	9-11	0835	Mon	764 829 5 07022 32734 34771 48591 47281 829 5 00000	USB	(AB)
<b>S06s</b>	14675	9-11	0900	Mon	232 407 5 84620 80171 58802 48062 16409 407 5 00000	USB	(AB-UKR)
<b>S06s</b>	12830	9-11	0910	Mon	232 407 5 84620 80171 58802 48062 16409 407 5 00000	USB	(AB)

S06s	8420	9-11	1300	Mon	149 537 6 23063 36924 98924 75353 33884 83486 537 6 00000	USB	(AB)
S06s	10635	9-11	1310	Mon	149 537 6 23063 36924 98924 75353 33884 83486 537 6 00000	USB	(AB)
S06s	16145	10-11	0600	Tue	438 269 5 10002 96845 22444 08374 98662 269 5 00000	USB	(AB-KWT)
S06s	14240	10-11	0610	Tue	438 269 5 10002 96845 22444 08374 98662 269 5 00000	USB	(AB-KWT)
S06s	5250	10-11	0700	Tue	452 871 6 47281 41127 88454 13285 68090 26008 871 6 00000	USB	(AB)
S06s	6320	10-11	0710	Tue	452 871 6 47281 41127 88454 13285 68090 26008 871 6 00000	USB	(AB)
S06s	7410	10-11	0730	Tue	427 583 6 42913 43496 72446 49973 33181 65644 583 6 00000	USB	(AB/HFD)
S06s	11532	10-11	0740	Tue	427 583 6 42913 43496 72446 49973 33181 65644 583 6 00000	USB	(AB)
S06s	11945	10-11	0800	Tue	127 893 5 72288 08481 65606 57311 32101 893 5 00000	USB	(AB)
S06s	13195	10-11	0810	Tue	127 893 5 72288 08481 65606 57311 32101 893 5 00000	USB	(AB/HFD)
S06s	6440	10-11	1000	Tue	427 981 5 87425 73220 04504 68866 30206 981 5 00000	USB	(AB-POL)
S06s	5660	10-11	1010	Tue	427 981 5 87425 73220 04504 68866 30206 981 5 00000	USB	(AB-POL)
S06s	5035	10-11	1100	Tue	265 890 7 24541 33941 56823 43884 85518 35628 05816 890 7 00000	USB	(AB-POL)
S06s	5975	10-11	1110	Tue	265 890 7 24541 33941 56823 43884 85518 35628 05816 890 7 00000	USB	(AB-POL)
S06s	7062	11-11	0830	Wed	Carrier only	USB	(AB)
S06s	11535	11-11	0830	Wed	172 493 5 33941 11998 62487 30112 33504 493 5 00000	USB	(AB)
S06s	10532	11-11	0840	Wed	Carrier till 0843z: 464 207 5 24541 1182206529 62554 80295 207 5 00000	USB	(AB)
S06s	11830	11-11	0840	Wed	172 493 5 33941 11998 62487 30112 33504 493 5 00000	USB	(AB/HFD)
S06s	12365	11-11	1000	Wed	276 981 5 56823 40402 57272 37065 61961 981 5 00000	USB	(AB)
S06s	14280	11-11	1010	Wed	276 981 5 56823 40402 57272 37065 61961 981 5 00000	USB	(AB)
S06s	8812	12-11	0930	Thu	698 470 5 92103 50754 67971 35570 71582 470 5 00000	USB	(AB)
S06s	9540	12-11	0940	Thu	698 470 5 92103 50754 67971 35570 71582 470 5 00000	USB	(AB)
S06s	12155	12-11	1200	Thu	175 403 6 62554 30112 37065 65600 71259 49301 403 5 00000	USB	(AB/MPJ)
S06s	19020	12-11	1210	Thu	175 403 6 62554 30112 37065 65600 71259 49301 403 5 00000	USB	(AB/MPJ)
S06s	11040	13-11	0830	Fri	156 403 7 43884 85518 35628 05816 03481 40996 40334 403 7 00000	USB	(AB)
S06s	12153	13-11	0840	Fri	156 403 7 43884 85518 35628 05816 03481 40996 40334 403 7 00000	USB	(AB)
S06s	5765	13-11	0900	Fri	239 476 5 93845 87709 48840 06625 28524 476 5 00000. Technical problems. Strong carrier but faint audio. Restart at 0904, now normal	USB	(AB/HFD)
S06s	6315	13-11	0913	Fri	239 476 5 93845 87709 48840 06625 28524 476 5 00000. Late start	USB	(AB/HFD)
S06s	13470	16-11	0630	Mon	462 853 7 36417 12362 87620 80171 53302 49062 16409 853 7 00000	USB	(AB-UKR)
S06s	16515	16-11	0640	Mon	462 853 7 36417 12362 87620 80171 53302 49062 16409 853 7 00000	USB	(AB-POL)
S06s	8057	16-11	0830	Mon	764 291 5 73687 04565 39895 91670 29357 291 5 00000	USB	(AB)
S06s	8530	16-11	0835	Mon	764 291 5 73687 04565 39895 91670 29357 291 5 00000	USB	(AB)
S06s	14675	16-11	0900	Mon	232 914 5 10107 60562 48015 36417 12532 914 5 00000	USB	(AB)
S06s	12830	16-11	0910	Mon	232 914 5 10107 60562 48015 36417 12532 914 5 00000	USB	(AB)
S06s	8420	16-11	1300	Mon	149 205 6 15452 10002 08973 41716 50801 40123 205 6 00000	USB	(AB/MPJ)
S06s	10635	16-11	1310	Mon	149 205 6 15452 10002 08973 41716 50801 40123 205 6 00000	USB	(AB/MPJ)
S06s	16145	17-11	0600	Tue	438 260 5 20205 64336 95534 08446 87636 260 5 00000	USB	(AB-KWT)
S06s	14240	17-11	0610	Tue	438 260 5 20205 64336 95534 08446 87636 260 5 00000	USB	(AB-KWT)
S06s	5250	17-11	0700	Tue	452 869 7 36376 35685 65850 49884 66485 41299 81177 869 7 00000	USB	(AB)
S06s	6320	17-11	0710	Tue	452 869 7 36376 35685 65850 49884 66485 41299 81177 869 7 00000	USB	(AB)
S06s	7410	17-11	0730	Tue	427 803 5 41127 88454 13285 68099 26883 803 5 00000	USB	(AB)
S06s	11532	17-11	0740	Tue	427 803 5 41127 88454 13285 68099 26883 803 5 00000	USB	(AB)
S06s	11945	17-11	0800	Tue	127 460 5 10107 60562 48015 36417 12362 460 5 00000	USB	(AB)
S06s	13195	17-11	0810	Tue	127 460 5 10107 60562 48015 36417 12362 460 5 00000	USB	(AB)
S06s	6440	17-11	1000	Tue	427 901 5 20205 64336 95534 08446 87636 901 5 00000	AM	(AB-POL)
S06s	5660	17-11	1010	Tue	427 901 5 20205 64336 95534 08446 87636 901 5 00000	AM	(AB-POL)

S06s	5035	17-11	1100	Tue	265 401 7 19152 23063 36924 98924 75353 33884 82468 401 7 00000	USB	(AB-POL/HFD)
S06s	5975	17-11	1110	Tue	265 401 7 19152 23063 36924 98924 75353 33884 82468 401 7 00000	USB	(AB-POL/HFD)
S06s	7062	18-11	0830	Wed	464 289 5 36924 98924 75353 33884 82486 289 5 00000	USB	(AB)
S06s	11535	18-11	0830	Wed	172 809 5 47154 25660 69885 96882 92728 809 5 00000	USB	(AB)
S06s	11830	18-11	0837	Wed	172 809 5 47154 25660 69885 96882 92728 809 5 00000 feedback sounds and 464 on 10532 kHz in the back-ground	USB	(AB)
S06s	10532	18-11	0840	Wed	464 289 5 36924 98924 75353 33884 82486 289 5 00000 feedback sounds on the transmitter	USB	(AB)
S06s	12365	18-11	1000	Wed	276 849 5 43697 04565 39895 91670 29254 869 5 00000	USB	(AB)
S06s	14280	18-11	1010	Wed	276 849 5 43697 04565 39895 91670 29254 869 5 00000	USB	(AB)
S06s	8812	19-11	0930	Thu	698 412 5 50801 08374 15744 33884 41299 412 5 00000	USB	(AB)
S06s	9540	19-11	0940	Thu	698 412 5 50801 08374 15744 33884 41299 412 5 00000	USB	(AB)
S06s	12155	19-11	1200	Thu	175 238 6 73687 04565 39895 91670 29257 20205 238 6 00000	USB	(AB)
S06s	19020	19-11	1210	Thu	175 238 6 73687 04565 39895 91670 29257 20205 238 6 00000	USB	(AB)
S06s	11040	20-11	0830	Fri	156 247 8 32314 34896 82738 36376 35685 65850 49884 66485 247 8 00000	USB	(AB)
S06s	12153	20-11	0840	Fri	156 247 8 32314 34896 82738 36376 35685 65850 49884 66485 247 8 00000	USB	(AB)
S06s	5765	20-11	0900	Fri	239 856 7 20205 64336 95534 08446 87636 04475 31467 856 7 00000	USB	(AB)
S06s	6315	20-11	0910	Fri	239 856 7 20205 64336 95534 08446 87636 04475 31467 856 7 00000	USB	(AB)
S06s	13470	23-11	0630	Mon	462 853 7 36417 12362 87620 80171 53302 49062 16409 853 7 00000	USB	(AB)
S06s	16515	23-11	0640	Mon	462 853 7 36417 12362 87620 80171 53302 49062 16409 853 7 00000	USB	(AB-POL)
S06s	8057	23-11	0830	Mon	764 291 5 73687 04565 39895 91670 29357 291 5 00000	USB	(AB)
S06s	8530	23-11	0835	Mon	764 291 5 73687 04565 39895 91670 29357 291 5 00000	USB	(AB)
S06s	14675	23-11	0900	Mon	232 914 5 10107 60562 48015 36417 12532 914 5 00000	USB	(AB)
S06s	12830	23-11	0910	Mon	232 914 5 10107 60562 48015 36417 12532 914 5 00000	USB	(AB)
S06s	8420	23-11	1300	Mon	149 205 6 15452 10002 08973 41716 50801 40123 205 6 00000	USB	(AB/MPJ)
S06s	10635	23-11	1310	Mon	149 205 6 15452 10002 08973 41716 50801 40123 205 6 00000	USB	(AB/MPJ)
S06s	16145	24-11	0600	Tue	438 260 5 20205 64336 95534 08446 87636 260 5 00000	USB	(AB-KWT)
S06s	14240	24-11	0610	Tue	438 260 5 20205 64336 95534 08446 87636 260 5 00000	USB	(AB-KWT)
S06s	5250	24-11	0700	Tue	452 869 7 36376 35685 65850 49884 66485 41299 81177 869 7 00000	USB	(AB)
S06s	6320	24-11	0710	Tue	452 869 7 36376 35685 65850 49884 66485 41299 81177 869 7 00000	USB	(AB)
S06s	7410	24-11	0730	Tue	427 803 5 41127 88454 13285 68099 26883 803 5 00000	USB	(AB)
S06s	11532	24-11	0740	Tue	427 803 5 41127 88454 13285 68099 26883 803 5 00000	USB	(AB)
S06s	11945	24-11	0800	Tue	127 460 5 10107 60562 48015 36417 12362 460 5 00000	USB	(AB)
S06s	13195	24-11	0810	Tue	127 460 5 10107 60562 48015 36417 12362 460 5 00000	USB	(AB)
S06s	6440	24-11	1000	Tue	427 901 5 20205 64336 95534 08446 87636 901 5 00000	AM	(AB)
S06s	5660	24-11	1010	Tue	427 901 5 20205 64336 95534 08446 87636 901 5 00000	AM	(AB-POL)
S06s	5035	24-11	1100	Tue	265 401 7 19152 23063 36924 98924 75353 33884 82468 401 7 00000	USB	(AB-POL)
S06s	5975	24-11	1110	Tue	265 401 7 19152 23063 36924 98924 75353 33884 82468 401 7 00000	USB	(AB-POL)
S06s	7062	25-11	0830	Wed	464 289 5 36924 98924 75353 33884 82486 289 5 00000	USB	(AB)
S06s	11535	25-11	0830	Wed	172 809 5 47154 25660 69885 96882 92728 809 5 00000	USB	(AB)
S06s	11830	25-11	0837	Wed	172 809 5 47154 25660 69885 96882 92728 809 5 00000	USB	(AB)
S06s	10532	25-11	0840	Wed	464 289 5 36924 98924 75353 33884 82486 289 5 00000	USB	(AB)
S06s	12365	25-11	1000	Wed	276 849 5 43697 04565 39895 91670 29254 869 5 00000	USB	(AB)
S06s	14280	25-11	1010	Wed	276 849 5 43697 04565 39895 91670 29254 869 5 00000	USB	(AB)
S06s	8812	26-11	0930	Thu	698 412 5 50801 08374 15744 33884 41299 412 5 00000	USB	(AB)
S06s	9540	26-11	0940	Thu	698 412 5 50801 08374 15744 33884 41299 412 5 00000	USB	(AB)
S06s	12155	26-11	1200	Thu	175 238 6 73687 04565 39895 91670 29257 20205 238 6 00000	USB	(AB/MPJ)
S06s	19020	26-11	1210	Thu	175 238 6 73687 04565 39895 91670 29257 20205 238 6 00000	USB	(AB/MPJ)



S06s	11040	27-11	0830	Fri	156 156 156 00000	USB	(AB)
S06s	12153	27-11	0840	Fri	156 156 156 00000	USB	(AB)
S06s	5765	27-11	0900	Fri	239 856 7 20205 64336 95534 08446 87636 04475 31467 856 7 00000	USB	(AB)
S06s	6315	27-11	0910	Fri	239 856 7 20205 64336 95534 08446 87636 04475 31467 856 7 00000	USB	(AB)
S06s	13470	30-11	0630	Mon	462 462 462 00000	USB	(AB)
S06s	16515	30-11	0640	Mon	462 462 462 00000	USB	(AB-POL)
S06s	8057	30-11	0830	Mon	764 764 764 00000	USB	(AB)
S06s	8530	30-11	0835	Mon	764 764 764 00000	USB	(AB)
S06s	14675	30-11	0900	Mon	232 232 232 00000	USB	(AB)
S06s	12830	30-11	0910	Mon	232 232 232 00000	USB	(AB)
S06s	8420	30-11	1300	Mon	149 149 149 00000	USB	(AB/MPJ-HNG)
S06s	10635	30-11	1310	Mon	149 149 149 00000	USB	(AB/MPJ)
S11a	9057	2-11	0510	Mon	657/30 Vnimanije 54293 09596 34161 ... 65614 67233 68896 Vnimanije (message repeated) Konets	USB	(AB)
S11a	9050	2-11	0700	Mon	478/00	USB	(AB/HFD)
S11A	12153	2-11	0715	Mon	387/00	USB	(HFD)
S11a	4242	2-11	0915	Mon	481/36 Vnimanije 29099 95319 77592 ... 08748 59910 27342 Vnimanije (message repeated) Konets	USB	(AB/HFD)
S11a	8102	3-11	1020	Tue	427/00	USB	(DMS-HOL/HFD)
S11a	12153	4-11	0715	Wed	382/00	USB	(AB-POL)
S11a	5371	4-11	1135	Wed	370/37 Vnimanije 76747 29162 31053 ... 82929 78876 85410 Vnimanije (message repeated) Konets	USB	(AB/MPJ-POL/HFD)
S11a	11486	4-11	1850	Wed	285/00	USB	(AB-POL/HFD)
S11a	9050	5-11	0700	Thu	476/00	USB	(AB)
S11a	4242	6-11	0915	Fri	481/36 Vnimanije 29099 95319 77592 ... 08748 59910 27342 Vnimanije (message repeated) Konets	USB	(AB-POL)
S11a	8102	6-11	1020	Fri	425/00	USB	(AB)
S11a	5371	6-11	1135	Fri	370/37 Vnimanije 76747 29162 31053 ... 82929 78876 85410 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
S11a	11486	7-11	1850	Sat	280/00	USB	(AB/MPJ)
S11a	9057	9-11	0510	Mon	659/00	USB	(AB)
S11a	9050	9-11	0700	Mon	476/00	USB	(AB)
S11a	12153	9-11	0715	Mon	382/38 Vnimanije 45532 85466 67051 ... 62698 34880 44884 Vnimanije (message repeated) Konets	USB	(AB-POL)
S11a	4242	9-11	0915	Mon	481/00	USB	(AB)
S11a	8102	10-11	1020	Tue	429/39 Vnimanije 01429 14346 15213 ... 10121 01334 25031 Vnimniye (message repeated) Konets	USB	(AB)
S11a	9057	11-11	0510	Wed	656/00	USB	(AB)
S11a	12153	11-11	0715	Wed	382/38 Vnimanije 45532 85466 67051 ... 62698 34880 44884 Vnimanije (message repeated) Konets	USB	(AB-POL)
S11a	5371	11-11	1135	Wed	372/00	USB	(AB)
S11a	11486	11-11	1850	Wed	288/33 Vnimanije 97964 91488 68571 ... 59930 69007 87797 Vnimanije (message repeated) Konets	USB	(AB-POL/MPJ-HNG)
S11a	9050	12-11	0700	Thu	475/00	USB	(AB)
S11a	4242	13-11	0915	Fri	485/00	USB	(AB-POL)
S11a	8102	13-11	1020	Fri	429/39 Vimanije 01429 14346 15213 ... 10121 01334 25031 Vnimanije (message repeated) Konets	USB	(AB)
S11a	5371	13-11	1135	Fri	378/00	USB	(AB)
S11a	11486	14-11	1850	Sat	288/33 Vnimanije 97964 91488 68571 ... 59930 69007 87797 Vnimanije (message repeated) Konets	USB	(MPJ)
S11a	9057	16-11	0510	Mon	654/00	USB	(AB)
S11a	9050	16-11	0700	Mon	472/00	USB	(AB)
S11a	12153	16-11	0715	Mon	381/00	USB	(AB-RUS)
S11a	4242	16-11	0915	Mon	485/00	USB	(AB)
S11a	8102	17-11	1020	Tue	420/00	USB	(AB)
S11a	9057	18-11	0510	Wed	652/00	USB	(AB)
S11a	12153	18-11	0715	Wed	380/00	USB	(AB)
S11a	5371	18-11	1135	Wed	373/00	USB	(AB)

S11a	11486	18-11	1850	Wed	281/00	USB	(AB/MPJ)
S11a	9050	19-11	0700	Thu	470/00	USB	(AB)
S11a	4242	20-11	0915	Fri	484/00	USB	(AB-POL)
S11a	8102	20-11	1020	Fri	425/00	USB	(AB/MPJ)
S11a	5371	20-11	1135	Fri	379/00	USB	(AB/MPJ)
S11a	11486	21-11	1850	Sat	286/00	USB	(AB-POL/MPJ-POL)
S11a	9057	23-11	0510	Mon	651/00	USB	(AB-POL/HFD)
S11a	9050	23-11	0700	Mon	475/32 Vnimanaye 14318 73654 72360 ... 75609 18384 70711 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	12153	23-11	0715	Mon	384/00	USB	(AB)
S11a	4242	23-11	0915	Mon	480/00	USB	(AB)
S11a	8102	24-11	1020	Tue	422/00	USB	(AB)
S11a	9057	25-11	0510	Wed	651/00	USB	(AB)
S11a	12153	25-11	0715	Wed	383/00	USB	(AB-POL)
S11a	5371	25-11	1135	Wed	378/00	USB	(AB)
S11a	11486	25-11	1850	Wed	285/00	USB	(AB/MPJ)
S11a	9050	26-11	0700	Thu	475/32 Vnimanaye 14318 73654 72360 ... 75609 18384 70711 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	4242	27-11	0915	Fri	482/00	USB	(AB-POL)
S11a	8102	27-11	1020	Fri	426/00	USB	(AB)
S11a	5371	27-11	1135	Fri	370/00	USB	(AB)
S11a	11486	28-11	1850	Sat	287/00	USB	(MPJ-POL)
S11a	9057	30-11	0510	Mon	656/00	USB	(AB)
S11a	9050	30-11	0700	Mon	472/00	USB	(AB)
S11a	12153	30-11	0715	Mon	380/00	USB	(AB)
S11a	4242	30-11	0915	Mon	480/00	USB	(AB)
S28	4625	19-11	1308	Thu	ANVF 53563 ZYeMLYeVYeD 4097 5573	USB	(Gwr)
S28	4625	20-11	1025	Fri	ANVF 48532 AKROShPON 4223 7856	USB	(Gwr)
S28	4625	20-11	1042	Fri	ANVF 76462 GROShOPLYaZh 4564 1608 BRATISLAVA 4892 5362	USB	(Gwr)
S28	4625	20-11	1113	Fri	ANVF ANVF 99185 RADRONAST 8138 2860 EROChNYJ 9384 6823	USB	(Gwr)
S28	4625	20-11	1116	Fri	ANVF ANVF 74704 AMPER 9114 0297	USB	(Gwr)
S28	4625	20-11	1137	Fri	ANVF 10282 AFONOKON 2765 3413	USB	(Gwr)
S28	4625	20-11	1138	Fri	ANVF 64250 BOSSOBUK 3449 5582	USB	(Gwr)
S28	4625	27-11	0942	Fri	ANVF 28368 GUSTOVATYJ 0216 5516	USB	(Gwr)
S28	4625	27-11	1023	Fri	ANVF 69982 VOLOTOR 9618 1994	USB	(Gwr)
S28	4625	27-11	1037	Fri	ANVF 86404 GIDROLOG 5029 0844	USB	(Gwr)
S28	4625	27-11	1045	Fri	ANVF 29534 ARYKOChAYeK 3365 8041	USB	(Gwr)
S28	4625	27-11	1222	Fri	ANVF 17492 ZYeVA 6995 1729	USB	(Gwr)
S30	5448	29-10	1444	Thu	8S1Shch 16397 BYeZhYeNKA 4759 2678 //6922 kHz	USB	(Gwr)
S30	6822	29-10	1444	Thu	8S1Shch 16397 BYeZhYeNKA 4759 2678 //5448 kHz	USB	(Gwr)
S30	5448	29-10	1515	Thu	8S1Shch 95967 GROTYeSKOVYJ 0876 9108 (audible as cw in background of Baron-78 on 4940 kHz)	USB	(Gwr)
S30	5448	29-10	1520	Thu	8S1Shch YaLOHOR 109	USB	(Gwr)
S30	5448	16-11	1100	Mon	8S1Shch SBYTOSYeV 212 ChYeSTNOST' 251	USB	(Gwr)
S30	5448	16-11	1110	Mon	ZhSK4 HZ5T 5FSShch A3PS 8MUO TUZR 5J7Shch DMC3 49FT C2ZA	USB	(Gwr)
S30	5448	16-11	1136	Mon	8S1Shch 07450 OBYeTOChOH 6227 5183 BOMBOVOZ 4290 5245	USB	(Gwr)
S30	5448	17-11	1143	Tue	8S1Shch 34558 BEhROKNUT 945 829 (irregular format, 3fig follow groups instead of 4fig)	USB	(Gwr)
S30	5448	19-11	1308	Thu	8S1Shch 88931 ZhLOBOZOV 5171 7804	USB	(Gwr)
S30	5448	20-11	0959	Fri	8S1Shch ShchITONARY 260	USB	(Gwr)
S30	5448	20-11	1031	Fri	8S1Shch 03192 DIYeNOVYJ 5620 5368	USB	(Gwr)



S30	5448	20-11	1031	Fri	8S1Shch YaLOHOR 109	USB	(Gwr)
S30	5448	20-11	1041	Fri	8S1Shch 00700 ANORTIT 3436 6069	USB	(Gwr)
S30	5448	20-11	1045	Fri	8S1Shch 76925 BAYaNOPLYuSh 4881 7224	USB	(Gwr)
S30	5448	20-11	1103	Fri	8S1Shch 88156 DUBLYeN'Ye 6809 3932 MASLYeNICA 1019 2766	USB	(Gwr)
S30	5448	20-11	1109	Fri	8S1Shch 63678 VAL'CYeVANIYe 0651 3819	USB	(Gwr)
S30	5448	20-11	1222	Fri	8S1Shch 99224 LYeSOVOZNYJ 2073 0339	USB	(Gwr)
S30	5448	20-11	1238	Fri	8S1Shch ChYeSTNOST' 251 SBYTOSYeV 212 YaLOHOR 209	USB	(Gwr)
S30	5448	20-11	1256	Fri	8S1Shch 88585 MYeZhYeVAL'NYJ 5940 6312	USB	(Gwr)
S30	5448	20-11	1320	Fri	53OB 78MB DYeAY IH'J [sic] 12CI 79AT ShchT3O CIHS Z7PM S7ZhG- JH'J read incorrectly as IH'J - someone has crappy handwriting!!!	USB	(Gwr)
S30	5448	24-11	1135	Tue	V'Z' NLCYe LI27 V2MZ SB7Z 'O6P 78VM 6I2Zh 8CShchJ 27Shch'	USB	(Gwr)
S30	5448	24-11	1210	Tue	8S1Shch 10520 MYeLOBYeJ 3797 9824 ZASHIFROVKA 6579 7692	USB	(Gwr)
S30	5448	26-11	1218	Thu	8S1Shch 15255 AMILODZhIP 8058 3985 LUCHYeNIYe 4151 5403	USB	(Gwr)
S30	5448	26-11	1322	Thu	TShchShchS VKY1 HCLF 61HZh ZBIL L7O5 V'Z' NLCYe LI27 V2MZ	USB	(Gwr)
S30	5448	27-11	0941	Fri	8S1Shch 05097 ZAYeMOZAV 4929 0911	USB	(Gwr)
S30	5448	27-11	1000	Fri	8S1Shch 11311 MIMOSHKYeT 1463 9919 KLINOK 9248 0538 KYeTChUP 3211 8911	USB	(Gwr)
S30	5448	27-11	1028	Fri	8S1Shch 46345 ZhUIROShVYeD 3445 1492 DYeNATURAT 3391 7085 AMPUTACIYa 5514 8536 (6922 kHz is the alternate voice freq for today)	USB	(Gwr)
S30	5448	27-11	1044	Fri	8S1Shch 12110 NYeIMYeNIYe 2953 0736 VYSLUGA 6423 0272 BORTOGRAD 6643 1439	USB	(Gwr)
S30	5448	27-11	1207	Fri	8S1Shch 59444 VANODYeK 6236 2197	USB	(Gwr)
S30	5448	27-11	1219	Fri	8S1Shch 18078 LEhPOTLYeN 3127 4137	USB	(Gwr)
S30	5448	27-11	1332	Fri	JH'J 12CI 79AJ ShchT3O CIHS Z7PM S7ZhG Z'1B CI9V ZhSK4	USB	(Gwr)
S32	5473	29-10	1447	Thu	Al'fa-45 25410 VYeST' 0544 0324	USB	(Gwr)
S32	3828	29-10	1523	Thu	Al'fa-45 67994 KRIZOFYeTR 4827 0789	USB	(Gwr)
S32	5473	29-10	1525	Thu	Al'fa-45 YaLOHOR 109	USB	(Gwr)
S32	5473	12-11	1235	Thu	Pesochnyj-21 Shuler-60 Stupa-32 Sliva-94 Utes-94 Dzhigit-46 Fontan-34 Alyeut-09	USB	(Gwr)
S32	5473	16-11	1104	Mon	Al'fa-45 SBYTOSYeV 212 ChYeSTNOST' 251	USB	(Gwr)
S32	5473	16-11	1140	Mon	Al'fa-45 23765 KRATOChUM 8668 5481 MALOMYeRKA 2476 2547	USB	(Gwr)
S32	5473	17-11	1310	Tue	Penza-07 Yahta-94 Serna-85 Stupa-32 Dzhigit-46 Landysh-74 Storozh-62 Kovboj-39	USB	(Gwr)
S32	5437	19-11	1312	Thu	Al'fa-45 49317 ZAGOVORShchITCA 9961 2861	USB	(Gwr)
S32	5473	20-11	1002	Fri	Al'fa-45 ShchITONARY 260	USB	(Gwr)
S32	5473	20-11	1034	Fri	Al'fa-45 84476 KUPYeChYeSK34 6424 3496	USB	(Gwr)
S32	5473	20-11	1035	Fri	Al'fa-45 YaLOHOR 109	USB	(Gwr)
S32	5473	20-11	1045	Fri	Al'fa-45 46339 BUYeKOZAGS 1534 1581	USB	(Gwr)
S32	5473	20-11	1049	Fri	Al'fa-45 67282 MIRTOKRASH 8979 4105	USB	(Gwr)
S32	5473	20-11	1107	Fri	Al'fa-45 36841 MARKSISTKA 5749 0017	USB	(Gwr)
S32	5473	20-11	1112	Fri	Al'fa-45 91591 BANKOSLOJ 8678 7656	USB	(Gwr)
S32	5473	20-11	1225	Fri	Al'fa-45 80367 OBSYPANIYe 1100 4579	USB	(Gwr)
S32	5473	20-11	1240	Fri	Al'fa-45 ChYeSTNOST' 251 SBYTOSYeV 212 YaLOHOR 209	USB	(Gwr)
S32	5473	20-11	1300	Fri	Al'fa-45 76191 DYeZODARACIYa 6218 7227	USB	(Gwr)
S32	5473	23-11	1345	Mon	Penza-07 Stazher-29 Zaslonka-27 Serna-85 Stupa-32 Dzhigit-46 Landysh-74 Storozh-62	USB	(Gwr)
S32	5473	24-11	1215	Tue	Al'fa-45 97015 BARDOFOT 9987 0220	USB	(Gwr)
S32	5473	26-11	1221	Thu	Al'fa-45 64452 KLYuVOChAN 0872 3501	USB	(Gwr)
S32	5473	27-11	0944	Fri	Al'fa-45 16281 IZYuMOFARS 5560 5911	USB	(Gwr)
S32	5473	27-11	1004	Fri	Al'fa-45 43403 GURTROTAT 3967 0669 NYeRAZ'YeMNYJ 5063 8603 OBSYeMYeNYeNIYe 6964 1222	USB	(Gwr)
S32	5473	27-11	1033	Fri	GORISPOLKOM 2498 2157 KRITOSMYV 0448 6758 ARAVITYaNKA 7198 3811	USB	(Gwr)
S32	5473	27-11	1048	Fri	Al'fa-45 86762 BOKOZhGUT 6284 1211 MASHYeROChKA 8497 7768 ZhILIShchYe 8286 2177	USB	(Gwr)

<b>S32</b>	5473	27-11	1211	Fri	Al'fa-45 10631 ZYuDOLOR 0639 3344	USB	(Gwr)
<b>S32</b>	5473	27-11	1224	Fri	Al'fa-45 85575 VINChYeSTYeR 1621 6102	USB	(Gwr)
<b>UM03</b>	7920	10-11	0140	Tue	i.p. 43 43 CK 100 CK 100 TIME 2040 TIME 2040 DATE 2810 DATE 2810 = A74D6 N57AU A3UN4 3DT57 UA3NT ... on 7920, 8250, 8410 kHz	CW	(JPL-HK)
<b>UM03</b>	8250	10-11	0140	Tue	i.p. 43 43 CK 100 CK 100 TIME 2040 TIME 2040 DATE 2810 DATE 2810 = A74D6 N57AU A3UN4 3DT57 UA3NT ... on 7920, 8250, 8410 kHz	CW	(JPL-HK)
<b>UM03</b>	8410	10-11	0140	Tue	i.p. 43 43 CK 100 CK 100 TIME 2040 TIME 2040 DATE 2810 DATE 2810 = A74D6 N57AU A3UN4 3DT57 UA3NT ... on 7920, 8250, 8410 kHz	CW	(JPL-HK)
<b>UM03</b>	4330	12-11	1148	Thu	i.p. 5D3AN 3N6T7 4UD5T 3UN7T AR QSL ..8 ..8 K II II QA. QA ABS 21239 21239 CK 50 1211 12U 1211 1844 1844 =	CW	(JPL-HK)
<b>UM03</b>	4310	14-11	1137	Sat	i.p. JYCQS FUWLO XMMDZ ... AR ZNN QSL (Both stations on this frequency) OK VA	CW	(JPL-HK)
<b>UM03</b>	8150	25-11	1048	Wed	i.p. F 777 AR FI777 AR K QSL NR 5? 777 K 4.4J WFM PCYFM KUIGQ BLTV JXARE DZHSO RSUBY CIPAT ...	CW	(JPL-HK)
<b>UM03</b>	6735	25-11	1059	Wed	i.p. QSL 2 QSL F222 ZKA ZKA K OK ZKA U21 DE ZOJ K MZP MZP MZP DE XJK XJK QLP 10 K	CW	(JPL-HK)
<b>UM03</b>	4350	27-11	1134	Fri	i.p. 6T5UN 3A6NT II II II QBK ABV NR 01240 01240 CK 59 50 1711 2711 1837 1837 = =	CW	(JPL-HK)
<b>UM10</b>	3776	4-11	1746	Wed	10-minutes net: A4JC	CW	(JPL-RUS)
<b>UM10</b>	3287	15-11	1950	Sun	10-minutes net: 4KUE	CW	(AB)
<b>UM10</b>	3776	15-11	1953	Sun	10-minutes net: A4JC	CW	(AB)
<b>UM10</b>	3287	19-11	1551	Thu	10-minutes net: 4KUE	CW	(JPL-CHN)
<b>UM10</b>	3776	19-11	1552	Thu	10-minutes net: A4JC	CW	(JPL-CHN)
<b>V07</b>	15946	1-11	0100	Sun	984 984 984 1 8021 108 93018 67492 27189 ... 11464 38000 000 000	USB	(Dan)
<b>V07</b>	14486	1-11	0120	Sun	984 984 984 1 8021 108 93018 67492 27189 ... 11464 38000 000 000	USB	(Dan)
<b>V07</b>	13486	1-11	0140	Sun	984 984 984 1 8021 108 93018 67492 27189 ... 11464 38000 000 000	USB	(Dan)
<b>V07</b>	15946	8-11	0100	Sun	984 1-7372/116= 14420	USB	(HFD)
<b>V07</b>	15946	8-11	0100	Sun	984 984 984 1 7372 116 14420 64119 87991 ... 98826 06191 000 000	USB	(Dan)
<b>V07</b>	14486	8-11	0120	Sun	984 984 984 1 7372 116 14420 64119 87991 ... 98826 06191 000 000	USB	(Dan)
<b>V07</b>	14846	8-11	0120	Sun	984 1	USB	(HFD)
<b>V07</b>	13486	8-11	0140	Sun	984 1	USB	(HFD)
<b>V07</b>	13486	8-11	0140	Sun	984 984 984 1 7372 116 14420 64119 87991 ... 98826 06191 000 000	USB	(Dan)
<b>V07</b>	15946	15-11	0100	Sun	984 984 984 1 181 128 34873 23105 36693 39354 .... 41050 44770 000 000	USB	(Dan)
<b>V07</b>	14486	15-11	0120	Sun	984 984 984 1 181 128 34873 23105 36693 39354 .... 41050 44770 000 000	USB	(Dan)
<b>V07</b>	13486	15-11	0140	Sun	984 984 984 1 181 128 34873 23105 36693 39354 .... 41050 44770 000 000	USB	(Dan)
<b>V07</b>	15946	22-11	0100	Sun	984 984 984 1 181 128 34873 23105 36693 39354 .... 41050 44770 000 000	USB	(Dan)
<b>V07</b>	14486	22-11	0120	Sun	984 984 984 1 181 128 34873 23105 36693 39354 .... 41050 44770 000 000	USB	(Dan)
<b>V07</b>	13486	22-11	0140	Sun	984 984 984 1 181 128 34873 23105 36693 39354 .... 41050 44770 000 000	USB	(Dan)
<b>V07</b>	15946	29-11	0100	Sun	984 984 984 1 9365 118 9365 118 51196 63974 ?4158 ... 32538 85758 83429 000 000	USB	(Dan-J)
<b>V07</b>	14486	29-11	0120	Sun	984 984 984 1 9365 118 9365 118 51196 63974 ?4158 ... 32538 85758 83429 000 000	USB	(Dan-J)
<b>V07</b>	13486	29-11	0140	Sun	984 984 984 1 9365 118 9365 118 51196 63974 ?4158 ... 32538 85758 83429 000 000	USB	(Dan)
<b>V26</b>	4364	6-11	1130	Fri	XSV85 callup in Chinese voice //8073	USB	(JPL)
<b>V26</b>	8073	6-11	1130	Fri	XSV85 callup in Chinese voice //4364	USB	(JPL)
<b>V26</b>	4364	13-11	1132	Fri	XSV85 callup in Chinese voice //8073	USB	(JPL)
<b>V26</b>	8073	13-11	1132	Fri	XSV85 callup in Chinese voice //4364	USB	(JPL)
<b>V26</b>	9054	14-11	1203	Sat	Messages in Chinese voice. Female operator	USB	(JPL)
<b>V26</b>	4243	18-11	2331	Wed	Callup in Chinese voice. Female operator	USB	(JPL)
<b>V26</b>	4364	19-11	1158	Thu	XSV85 repeating M95's messages in Chinese voice //8073	USB	(JPL)
<b>V26</b>	8073	19-11	1158	Thu	XSV85 repeating M95's messages in Chinese voice //4364	USB	(JPL)
<b>V26</b>	4364	21-11	1130	Sat	XSV85 callup in Chinese voice. Male operator //8073	USB	(JPL)
<b>V26</b>	8073	21-11	1130	Sat	XSV85 callup in Chinese voice. Male operator //4364	USB	(JPL)

<b>V26</b>	8073	30-11	1130	Mon	XSV85 callup in Chinese voice	USB	(JPL)
<b>X06</b>	13524	3-11	0753	Tue	MFA Moscow clg 125643: Russian embassy Ulaanbaatar	MFSK-6	(DMS)
<b>X06</b>	13401	3-11	0969	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(DMS)
<b>X06</b>	13883	3-11	1104	Tue	111666 before XPA2	MFSK-6	(DMS)
<b>X06</b>	16188	3-11	1145	Tue	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(DMS)
<b>X06</b>	13547	6-11	1022	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(EW)
<b>X06</b>	16317	10-11	1004	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(DMS)
<b>X06</b>	17470	10-11	1014	Tue	MFA Moscow clg 216354: Russian embassy Chennai	MFSK-6	(DMS)
<b>X06</b>	18177	11-11	0801	Wed	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(DMS)
<b>X06</b>	14462	11-11	0857	Wed	MFA Moscow clg 165423: Russian embassy Brussels	MFSK-6	(DMS)
<b>X06</b>	13505	12-11	0944	Thu	MFA Moscow clg 164532: Russian embassy Dublin	MFSK-6	(AiR)
<b>X06</b>	14560	12-11	0954	Thu	MFA Moscow clg 621543: Russian embassy Lisbon	MFSK-6	(AB)
<b>X06</b>	12167	12-11	1001	Thu	MFA Moscow clg 621543: Russian embassy Lisbon	MFSK-6	(AB)
<b>X06</b>	15878	12-11	1012	Thu	MFA Moscow clg 621543: Russian embassy Lisbon	MFSK-6	(AB)
<b>X06</b>	11158	16-11	0801	Mon	MFA Moscow clg 263514: unid embassy	MFSK-6	(DMS)
<b>X06</b>	8068	16-11	0830	Mon	MFA Moscow clg 263514 (end 0834z)	MFSK-6	(AB)
<b>X06</b>	12152	16-11	0836	Mon	MFA Moscow clg 432516 Russian embassy Bern (end 0900z)	MFSK-6	(AB)
<b>X06</b>	12152	16-11	0841	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(DMS)
<b>X06</b>	9160	16-11	0908	Mon	MFA Moscow clg (just caught the end)	MFSK-6	(DMS)
<b>X06</b>	18177	17-11	0754	Tue	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(DMS)
<b>X06</b>	7616	18-11	1907	Wed	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-16	(RL)
<b>X06</b>	10653	20-11	1046	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB)
<b>X06</b>	8138	20-11	1525	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB)
<b>X06</b>	10814	25-11	0842	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(AB)
<b>X06</b>	10172	25-11	0905	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(AB)
<b>X06</b>	12133	27-11	1207	Fri	MFA Moscow clg 153624: Russian embassy Damascus end 1211z	MFSK-6	(AB)
<b>X06b</b>	12168	11-11	1115	Wed	111666 before XPA2	MFSK-6	(DMS)
<b>X06b</b>	12168	11-11	1126	Wed	111666 before XPA2	MFSK-6	(DMS)
<b>X06b</b>	13393	12-11	1010	Thu	111666 before XPA2	MFSK-6	(AB)
<b>X06b</b>	11574	12-11	1338	Thu	111666 before E07	MFSK-6	(AB)
<b>X06b</b>	13894	14-11	0951	Sat	111666 before XPB1	MFSK-6	(DMS)
<b>X06b</b>	14349	16-11	0700	Mon	i.p. 116666 at 0744z changed to 3333 (end 0836z)	MFSK-6	(AB)
<b>X06b</b>	14350	16-11	0718	Mon	116666 changed to 333 at 0744 UTC	MFSK-6	(DMS)
<b>X06b</b>	14350	16-11	1133	Mon	111666 changed at 1200z to 14349 khz and sequence 666	MFSK-6	(AB)
<b>X06b</b>	8138	20-11	1529	Fri	111666 before E07a	MFSK-6	(AB)
<b>X06b</b>	9840	24-11	0958	Tue	111666 end 1024z	MFSK-6	(AB)
<b>X06b</b>	8580	24-11	1030	Tue	111666 end 1033z	MFSK-6	(AB)
<b>X06b</b>	7680	24-11	1035	Tue	111666 end 1037z	MFSK-6	(AB)
<b>X06b</b>	7850	24-11	1039	Tue	111666 end 1049z	MFSK-6	(AB)
<b>X06b</b>	8670	24-11	1053	Tue	111666 end 1159z	MFSK-6	(AB)
<b>X06b</b>	10540	24-11	1234	Tue	i.p. 111666 end 1318z	MFSK-6	(AB)
<b>X06b</b>	8123	26-11	1458	Thu	166111 before XPA2 also at 1459z	MFSK-6	(AB)
<b>XPA1</b>	13978	3-11	0810	Tue	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB/HFD)
<b>XPA1</b>	14859	3-11	0830	Tue	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB)
<b>XPA1</b>	15871	3-11	0850	Tue	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB/HFD)
<b>XPA1</b>	13375	4-11	1330	Wed	838 838 838 1 00358 00103 16343 ... 83135 55135 02705	MFSK-20/10Bd	(AB)
<b>XPA1</b>	10875	4-11	1350	Wed	838 838 838 1 00358 00103 16343 ... 83135 55135 02705	MFSK-20/10Bd	(AB)

XPA1	13978	5-11	0810	Thu	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB)
XPA1	14859	5-11	0830	Thu	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB)
XPA1	15871	5-11	0850	Thu	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB)
XPA1	13875	6-11	1310	Fri	838 838 838 1 00358 00103 16343 ... 83135 55135 02705	MFSK-20/10Bd	(AB/MPJ)
XPA1	13375	6-11	1330	Fri	838 838 838 1 00358 00103 16343 ... 83135 55135 02705	MFSK-20/10Bd	(AB/MPJ)
XPA1	10875	6-11	1350	Fri	838 838 838 1 00358 00103 16343 ... 83135 55135 02705	MFSK-20/10Bd	(AB/MPJ)
XPA1	13978	10-11	0810	Tue	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB)
XPA1	14859	10-11	0830	Tue	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB)
XPA1	15871	10-11	0850	Tue	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB)
XPA1	13875	11-11	1310	Wed	838 838 838 1 00358 00103 16343 ... 83135 55135 02705	MFSK-20/10Bd	(AB/HFD)
XPA1	13375	11-11	1330	Wed	838 838 838 1 00358 00103 16343 ... 83135 55135 02705	MFSK-20/10Bd	(AB/HFD)
XPA1	10875	11-11	1350	Wed	838 838 838 1 00358 00103 16343 ... 83135 55135 02705	MFSK-20/10Bd	(AB/HFD)
XPA1	13978	12-11	0810	Thu	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB)
XPA1	14859	12-11	0830	Thu	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB/EW)
XPA1	15871	12-11	0850	Thu	587 587 587 1 08616 00088 97480 ... 98550 22786 45576	MFSK-20/10Bd	(AB)
XPA1	13875	13-11	1310	Fri	838 838 838 1 00358 00103 16343 ... 83135 55135 02705	MFSK-20/10Bd	(AB/MPJ)
XPA1	13375	13-11	1330	Fri	838 838 838 1 00358 00103 16343 ... 83135 55135 02705	MFSK-20/10Bd	(AB/MPJ)
XPA1	10875	13-11	1350	Fri	838 838 838 1 00358 00103 16343 ... 83135 55135 02705	MFSK-20/10Bd	(AB/MPJ)
XPA1	13978	17-11	0810	Tue	587 587 587 000 04263 00001 00000 33662	MFSK-20/10Bd	(AB)
XPA1	14859	17-11	0830	Tue	587 587 587 000 04263 00001 00000 33662	MFSK-20/10Bd	(AB)
XPA1	15871	17-11	0850	Tue	587 587 587 000 04263 00001 00000 33662	MFSK-20/10Bd	(AB)
XPA1	13875	18-11	1310	Wed	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB)
XPA1	13375	18-11	1330	Wed	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB)
XPA1	10875	18-11	1350	Wed	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB)
XPA1	13978	19-11	0810	Thu	587 587 587 000 01333 00001 00000 34254	MFSK-20/10Bd	(AB)
XPA1	14859	19-11	0830	Thu	587 587 587 000 01333 00001 00000 34254	MFSK-20/10Bd	(AB)
XPA1	15871	19-11	0850	Thu	587 587 587 000 01333 00001 00000 34254	MFSK-20/10Bd	(AB)
XPA1	13875	20-11	1310	Fri	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB)
XPA1	13375	20-11	1330	Fri	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB)
XPA1	10875	20-11	1350	Fri	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB)
XPA1	8189	23-11	1310	Mon	1 1 1 1 1 1 1 1 00693 00275 25434 ... 38945 17138 11436	MFSK-20/10Bd	(Danix)
XPA1	7952	23-11	1320	Mon	1 1 1 1 1 1 1 1 00693 00275 25434 ... 38945 17138 11436	MFSK-20/10Bd	(Danix)
XPA1	7622	23-11	1330	Mon	1 1 1 1 1 1 1 1 00693 00275 25434 ... 38945 17138 11436	MFSK-20/10Bd	(Danix)
XPA1	6901	23-11	1340	Mon	1 1 1 1 1 1 1 1 00693 00275 25434 ... 38945 17138 11436	MFSK-20/10Bd	(Danix)
XPA1	6783	23-11	1350	Mon	1 1 1 1 1 1 1 1 00693 00275 25434 ... 38945 17138 11436	MFSK-20/10Bd	(Danix)
XPA1	5834	23-11	1400	Mon	1 1 1 1 1 1 1 1 00693 00275 25434 ... 38945 17138 11436	MFSK-20/10Bd	(Danix)
XPA1	13978	24-11	0810	Tue	587 587 587 000 09768 00001 00000 40667	MFSK-20/10Bd	(AB)
XPA1	14859	24-11	0830	Tue	587 587 587 000 09768 00001 00000 40667	MFSK-20/10Bd	(AB)
XPA1	15871	24-11	0850	Tue	587 587 587 000 09768 00001 00000 40667	MFSK-20/10Bd	(AB)
XPA1	9064	25-11	1110	Wed	1 1 1 1 1 1 1 1 00820 00275 70041 ... 62171 22450 36465	MFSK-20/10Bd	(AB)
XPA1	8152	25-11	1120	Wed	1 1 1 1 1 1 1 1 00820 00275 70041 ... 62171 22450 36465	MFSK-20/10Bd	(AB)
XPA1	7904	25-11	1130	Wed	1 1 1 1 1 1 1 1 00820 00275 70041 ... 62171 22450 36465	MFSK-20/10Bd	(AB)
XPA1	13875	25-11	1310	Wed	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB/MPJ)
XPA1	13375	25-11	1330	Wed	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB/MPJ)
XPA1	10875	25-11	1350	Wed	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB/MPJ)
XPA1	13978	26-11	0810	Thu	587 587 587 000 06317 00001 00000 36257	MFSK-20/10Bd	(AB)
XPA1	14859	26-11	0830	Thu	587 587 587 000 06317 00001 00000 36257	MFSK-20/10Bd	(AB)

XPA1	15871	26-11	0850	Thu	587 587 587 000 06317 00001 00000 36257	MFSK-20/10Bd	(AB/Dan)
XPA1	13875	27-11	1310	Fri	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB/MPJ)
XPA1	13375	27-11	1330	Fri	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB/MPJ)
XPA1	10875	27-11	1350	Fri	838 838 838 1 06119 00030 35287 ... 81192 66814 56151	MFSK-20/10Bd	(AB/MPJ)
XPA2	14783	1-11	1200	Sun	00434 00206 05077 ... 72840 66821 00464	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13883	1-11	1220	Sun	00434 00206 05077 ... 72840 66821 00464	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	12183	1-11	1240	Sun	00434 00206 05077 ... 72840 66821 00464	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	11529	2-11	0800	Mon	03385 00001 00000 35263	MFSK-16/20Bd	(AB/HFD)
XPA2	13429	2-11	0820	Mon	03385 00001 00000 35263	MFSK-16/20Bd	(AB/HFD)
XPA2	13929	2-11	0840	Mon	03385 00001 00000 35263	MFSK-16/20Bd	(AB/HFD)
XPA2	17413	2-11	0910	Mon	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB/HFD)
XPA2	15852	2-11	0930	Mon	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB/HFD)
XPA2	13363	2-11	0950	Mon	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB/HFD)
XPA2	8126	2-11	1600	Mon	05759 00001 00000 41262	MFSK-16/20Bd	(AB/MPJ)
XPA2	6826	2-11	1620	Mon	05759 00001 00000 41262	MFSK-16/20Bd	(AB/MPJ)
XPA2	5326	2-11	1640	Mon	05759 00001 00000 41262	MFSK-16/20Bd	(AB/MPJ)
XPA2	10653	3-11	1100	Tue	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB)
XPA2	9353	3-11	1120	Tue	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB)
XPA2	8153	3-11	1140	Tue	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB)
XPA2	14783	3-11	1200	Tue	00402 00212 49331 ... 38290 84531 16045	MFSK-16/20Bd	(AB)
XPA2	13883	3-11	1220	Tue	00402 00212 49331 ... 38290 84531 16045	MFSK-16/20Bd	(AB)
XPA2	12183	3-11	1240	Tue	00402 00212 49331 ... 38290 84531 16045	MFSK-16/20Bd	(AB)
XPA2	10223	3-11	1600	Tue	05538 00271 79937 ... 63434 93304 70050	MFSK-16/20Bd	(AB/HFD)
XPA2	9223	3-11	1620	Tue	05538 00271 79937 ... 63434 93304 70050	MFSK-16/20Bd	(AB-POL)/HFD
XPA2	8123	3-11	1640	Tue	05538 00271 79937 ... 63434 93304 70050	MFSK-16/20Bd	(AB-POL/HFD)
XPA2	11529	4-11	0800	Wed	01698 00001 00000 40262	MFSK-16/20Bd	(AB-POL)
XPA2	13429	4-11	0820	Wed	01698 00001 00000 40262	MFSK-16/20Bd	(AB)
XPA2	13929	4-11	0840	Wed	01698 00001 00000 40262	MFSK-16/20Bd	(AB)
XPA2	17413	4-11	0910	Wed	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB)
XPA2	15852	4-11	0930	Wed	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB)
XPA2	13363	4-11	0950	Wed	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB)
XPA2	13393	4-11	1100	Wed	09318 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	12193	4-11	1120	Wed	09318 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	11093	4-11	1140	Wed	09318 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	10968	4-11	1200	Wed	Stopped after 10 secs	MFSK-16/20Bd	(AB/HFD)
XPA2	12168	4-11	1220	Wed	00325 00222 71745 ... 11733 16099 72422	MFSK-16/20Bd	(AB/HFD)
XPA2	13368	4-11	1240	Wed	00325 00222 71745 ... 11733 16099 72422	MFSK-16/20Bd	(AB/HFD)
XPA2	15985	5-11	0910	Thu	05632 00089 92193 ... 42343 93852 01324	MFSK-16/20Bd	(AB/RL)
XPA2	14885	5-11	0930	Thu	05632 00089 92193 ... 42343 93852 01324	MFSK-16/20Bd	(AB/RL)
XPA2	13885	5-11	0950	Thu	05632 00089 92193 ... 42343 93852 01324	MFSK-16/20Bd	(AB)
XPA2	13393	5-11	1100	Thu	05080 00001 00000 31265	MFSK-16/20Bd	(AB/RL)
XPA2	12193	5-11	1120	Thu	05080 00001 00000 31265	MFSK-16/20Bd	(AB/RL)
XPA2	11093	5-11	1140	Thu	05080 00001 00000 31265	MFSK-16/20Bd	(AB/RL)
XPA2	10223	5-11	1600	Thu	05538 00271 79937 ... 63434 93304 70050	MFSK-16/20Bd	(AB/MPJ)
XPA2	9223	5-11	1620	Thu	05538 00271 79937 ... 63434 93304 70050	MFSK-16/20Bd	(AB-POL/MPJ)
XPA2	8123	5-11	1640	Thu	05538 00271 79937 ... 63434 93304 70050	MFSK-16/20Bd	(AB-POL/MPJ)
XPA2	10653	6-11	1100	Fri	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB/MPJ)



XPA2	9353	6-11	1120	Fri	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB/MPJ)
XPA2	8153	6-11	1140	Fri	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB/MPJ)
XPA2	10968	6-11	1200	Fri	00325 00222 71745 ... 11733 16099 72422	MFSK-16/20Bd	(AB/GHn/MPJ)
XPA2	12168	6-11	1220	Fri	00325 00222 71745 ... 11733 16099 72422	MFSK-16/20Bd	(AB/MPJ)
XPA2	13368	6-11	1240	Fri	00325 00222 71745 ... 11733 16099 72422	MFSK-16/20Bd	(AB/MPJ)
XPA2	15985	7-11	0910	Sat	05632 00089 92193 ... 42343 93852 01324	MFSK-16/20Bd	(AB)
XPA2	14885	7-11	0930	Sat	05632 00089 92193 ... 42343 93852 01324	MFSK-16/20Bd	(AB)
XPA2	13885	7-11	0950	Sat	05632 00089 92193 ... 42343 93852 01324	MFSK-16/20Bd	(AB)
XPA2	8126	7-11	1600	Sat	07172 00001 00000 32666	MFSK-16/20Bd	(AB)
XPA2	6826	7-11	1620	Sat	07172 00001 00000 32666	MFSK-16/20Bd	(AB)
XPA2	5326	7-11	1640	Sat	07172 00001 00000 32666	MFSK-16/20Bd	(AB)
XPA2	14783	8-11	1200	Sun	00402 00212 49331 ... 38290 84531 16045	MFSK-16/20Bd	(AB/MPJ)
XPA2	13883	8-11	1220	Sun	00402 00212 49331 ... 38290 84531 16045	MFSK-16/20Bd	(AB/MPJ)
XPA2	12183	8-11	1240	Sun	00402 00212 49331 ... 38290 84531 16045	MFSK-16/20Bd	(AB/GHn/MPJ)
XPA2	11529	9-11	0800	Mon	02964 00001 00000 37660	MFSK-16/20Bd	(AB)
XPA2	13429	9-11	0820	Mon	02964 00001 00000 37660	MFSK-16/20Bd	(AB)
XPA2	13929	9-11	0840	Mon	02964 00001 00000 37660	MFSK-16/20Bd	(AB)
XPA2	17413	9-11	0910	Mon	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB)
XPA2	15852	9-11	0930	Mon	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB)
XPA2	13363	9-11	0950	Mon	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB)
XPA2	8126	9-11	1600	Mon	06522 00253 15178 ... 47255 48135 47434	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	6826	9-11	1620	Mon	06522 00253 15178 ... 47255 48135 47434	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	5326	9-11	1640	Mon	06522 00253 15178 ... 47255 48135 47434	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	10653	10-11	1100	Tue	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB)
XPA2	9353	10-11	1120	Tue	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB)
XPA2	8153	10-11	1140	Tue	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB)
XPA2	14783	10-11	1200	Tue	00384 00242 98405 ... 54931 95611 44430	MFSK-16/20Bd	(AB)
XPA2	13883	10-11	1220	Tue	00384 00242 98405 ... 54931 95611 44430	MFSK-16/20Bd	(AB)
XPA2	12183	10-11	1240	Tue	00384 00242 98405 ... 54931 95611 44430	MFSK-16/20Bd	(AB)
XPA2	10223	10-11	1600	Tue	05757 00001 00000 40262	MFSK-16/20Bd	(AB/MPJ)
XPA2	9223	10-11	1620	Tue	05757 00001 00000 40262	MFSK-16/20Bd	(AB/MPJ)
XPA2	8123	10-11	1640	Tue	05757 00001 00000 40262	MFSK-16/20Bd	(AB/MPJ)
XPA2	11529	11-11	0800	Wed	01354 00001 00000 34656	MFSK-16/20Bd	(AB-POL)
XPA2	13429	11-11	0820	Wed	01354 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	13929	11-11	0840	Wed	01354 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	17413	11-11	0910	Wed	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB)
XPA2	15852	11-11	0930	Wed	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB)
XPA2	13363	11-11	0950	Wed	00417 00055 63031 ... 41989 52963 05440	MFSK-16/20Bd	(AB)
XPA2	13393	11-11	1100	Wed	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB)
XPA2	12193	11-11	1120	Wed	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB)
XPA2	11093	11-11	1140	Wed	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB/RL)
XPA2	10968	11-11	1200	Wed	08691 00202 00902 ... 46612 40338 15141	MFSK-16/20Bd	(AB/MPJ)
XPA2	12168	11-11	1220	Wed	08691 00202 00902 ... 46612 40338 15141	MFSK-16/20Bd	(AB/MPJ)
XPA2	13368	11-11	1240	Wed	08691 00202 00902 ... 46612 40338 15141	MFSK-16/20Bd	(AB/MPJ)
XPA2	15985	12-11	0910	Thu	06597 00183 66286 ... 36782 66977 40512	MFSK-16/20Bd	(AB)
XPA2	14885	12-11	0930	Thu	06597 00183 66286 ... 36782 66977 40512	MFSK-16/20Bd	(AB)
XPA2	13885	12-11	0950	Thu	06597 00183 66286 ... 36782 66977 40512	MFSK-16/20Bd	(AB)

XPA2	13393	12-11	1100	Thu	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB)
XPA2	12193	12-11	1120	Thu	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB)
XPA2	11093	12-11	1140	Thu	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB)
XPA2	10223	12-11	1600	Thu	07148 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	9223	12-11	1620	Thu	07148 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	8123	12-11	1640	Thu	07148 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	10653	13-11	1100	Fri	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB/RL)
XPA2	9353	13-11	1120	Fri	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB)
XPA2	8153	13-11	1140	Fri	09442 00117 65288 ... 25517 26534 43505	MFSK-16/20Bd	(AB)
XPA2	10968	13-11	1200	Fri	08691 00202 00902 ... 46612 40338 15141	MFSK-16/20Bd	(AB/MPJ)
XPA2	12168	13-11	1220	Fri	08691 00202 00902 ... 46612 40338 15141	MFSK-16/20Bd	(AB/MPJ)
XPA2	13368	13-11	1240	Fri	08691 00202 00902 ... 46612 40338 15141	MFSK-16/20Bd	(AB/MPJ)
XPA2	15985	14-11	0910	Sat	06597 00183 66286 ... 36782 66977 40512	MFSK-16/20Bd	(AB/HFD)
XPA2	14885	14-11	0930	Sat	06597 00183 66286 ... 36782 66977 40512	MFSK-16/20Bd	(AB/HFD)
XPA2	13885	14-11	0950	Sat	06597 00183 66286 ... 36782 66977 40512	MFSK-16/20Bd	(AB/HFD)
XPA2	8126	14-11	1600	Sat	06522 00253 15178 ... 47255 48135 47434	MFSK-16/20Bd	(AB/MPJ)
XPA2	6826	14-11	1620	Sat	06522 00253 15178 ... 47255 48135 47434	MFSK-16/20Bd	(AB/MPJ)
XPA2	5326	14-11	1640	Sat	06522 00253 15178 ... 47255 48135 47434	MFSK-16/20Bd	(AB/MPJ)
XPA2	14783	15-11	1200	Sun	00384 00242 98405 ... 54931 95611 44430	MFSK-16/20Bd	(MPJ)
XPA2	13883	15-11	1220	Sun	00384 00242 98405 ... 54931 95611 44430	MFSK-16/20Bd	(MPJ)
XPA2	12183	15-11	1240	Sun	00384 00242 98405 ... 54931 95611 44430	MFSK-16/20Bd	(MPJ)
XPA2	14552	16-11	0520	Mon	09951 00001 00000 36266	MFSK-16/20Bd	(Danix-RUS)
XPA2	11529	16-11	0800	Mon	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB)
XPA2	13429	16-11	0820	Mon	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB)
XPA2	13929	16-11	0840	Mon	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB)
XPA2	17413	16-11	0910	Mon	00451 00125 66651 ... 50618 71625 26513	MFSK-16/20Bd	(AB)
XPA2	15852	16-11	0930	Mon	00451 00125 66651 ... 50618 71625 26513	MFSK-16/20Bd	(AB)
XPA2	13363	16-11	0950	Mon	00451 00125 66651 ... 50618 71625 26513	MFSK-16/20Bd	(AB)
XPA2	8126	16-11	1600	Mon	03654 00001 00000 36260	MFSK-16/20Bd	(AB/GHn/MPJ)
XPA2	6826	16-11	1620	Mon	03654 00001 00000 36260	MFSK-16/20Bd	(AB/MPJ)
XPA2	5326	16-11	1640	Mon	03654 00001 00000 36260	MFSK-16/20Bd	(AB/MPJ)
XPA2	10653	17-11	1100	Tue	07601 00065 93565 ... 26535 58999 24101	MFSK-16/20Bd	(AB/HFD)
XPA2	9353	17-11	1120	Tue	07601 00065 93565 ... 26535 58999 24101	MFSK-16/20Bd	(AB/HFD)
XPA2	8153	17-11	1140	Tue	07601 00065 93565 ... 26535 58999 24101	MFSK-16/20Bd	(AB/HFD)
XPA2	14783	17-11	1200	Tue	00291 00164 55855 ... 33424 06496 30551	MFSK-16/20Bd	(AB)
XPA2	13883	17-11	1220	Tue	00291 00164 55855 ... 33424 06496 30551	MFSK-16/20Bd	(AB/RL)
XPA2	12183	17-11	1240	Tue	00291 00164 55855 ... 33424 06496 30551	MFSK-16/20Bd	(AB/RL)
XPA2	10223	17-11	1600	Tue	08669 00203 05569 ... 16439 60612 12314	MFSK-16/20Bd	(AB/MPJ)
XPA2	9223	17-11	1620	Tue	08669 00203 05569 ... 16439 60612 12314	MFSK-16/20Bd	(AB/MPJ)
XPA2	8123	17-11	1640	Tue	08669 00203 05569 ... 16439 60612 12314	MFSK-16/20Bd	(AB/MPJ)
XPA2	11529	18-11	0800	Wed	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB-POL)
XPA2	13429	18-11	0820	Wed	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB)
XPA2	13929	18-11	0840	Wed	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB)
XPA2	17413	18-11	0910	Wed	00451 00125 66651 ... 50618 71625 26513	MFSK-16/20Bd	(AB)
XPA2	15852	18-11	0930	Wed	00451 00125 66651 ... 50618 71625 26513	MFSK-16/20Bd	(AB)
XPA2	13363	18-11	0950	Wed	00451 00125 66651 ... 50618 71625 26513	MFSK-16/20Bd	(AB)
XPA2	13393	18-11	1100	Wed	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB/RL)



XPA2	12193	18-11	1120	Wed	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB/RL)
XPA2	11093	18-11	1140	Wed	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB/RL)
XPA2	10968	18-11	1200	Wed	06564 00098 76674 ... 79546 47543 77554	MFSK-16/20Bd	(AB/MPJ)
XPA2	12168	18-11	1220	Wed	06564 00098 76674 ... 79546 47543 77554	MFSK-16/20Bd	(AB/MPJ)
XPA2	13368	18-11	1240	Wed	06564 00098 76674 ... 79546 47543 77554	MFSK-16/20Bd	(AB/MPJ)
XPA2	15985	19-11	0910	Thu	08309 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	14885	19-11	0930	Thu	08309 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	13885	19-11	0950	Thu	08309 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	13393	19-11	1100	Thu	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB/RL)
XPA2	12193	19-11	1120	Thu	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB/RL)
XPA2	11093	19-11	1140	Thu	00430 00089 52343 ... 65078 18913 33321	MFSK-16/20Bd	(AB/RL)
XPA2	10223	19-11	1600	Thu	08669 00203 05569 ... 16439 60612 12314	MFSK-16/20Bd	(AB/MPJ)
XPA2	9223	19-11	1620	Thu	08669 00203 05569 ... 16439 60612 12314	MFSK-16/20Bd	(AB/MPJ)
XPA2	8123	19-11	1640	Thu	08669 00203 05569 ... 16439 60612 12314	MFSK-16/20Bd	(AB/MPJ)
XPA2	10653	20-11	1100	Fri	07601 00065 93565 ... 26535 58999 24101	MFSK-16/20Bd	(AB/RL)
XPA2	9353	20-11	1120	Fri	07601 00065 93565 ... 26535 58999 24101	MFSK-16/20Bd	(AB)
XPA2	8153	20-11	1140	Fri	07601 00065 93565 ... 26535 58999 24101	MFSK-16/20Bd	(AB)
XPA2	10968	20-11	1200	Fri	06564 00098 76674 ... 79546 47543 77554	MFSK-16/20Bd	(AB/MPJ)
XPA2	12168	20-11	1220	Fri	06564 00098 76674 ... 79546 47543 77554	MFSK-16/20Bd	(AB/MPJ)
XPA2	13368	20-11	1240	Fri	06564 00098 76674 ... 79546 47543 77554	MFSK-16/20Bd	(AB/MPJ)
XPA2	8133	20-11	1510	Fri	00933 00241 09165 ... 36237 53090 43233	MFSK-16/20Bd	(AB)
XPA2	7546	20-11	1530	Fri	00933 00241 09165 ... 36237 53090 43233	MFSK-16/20Bd	(AB)
XPA2	15985	21-11	0910	Sat	09301 00001 00000 33261	MFSK-16/20Bd	(AB)
XPA2	14885	21-11	0930	Sat	09301 00001 00000 33261	MFSK-16/20Bd	(AB)
XPA2	13885	21-11	0950	Sat	09301 00001 00000 33261	MFSK-16/20Bd	(AB)
XPA2	8126	21-11	1600	Sat	09115 00001 00000 34262	MFSK-16/20Bd	(AB/MPJ)
XPA2	6826	21-11	1620	Sat	09115 00001 00000 34262	MFSK-16/20Bd	(AB/MPJ)
XPA2	5326	21-11	1640	Sat	09115 00001 00000 34262	MFSK-16/20Bd	(AB/MPJ)
XPA2	14783	22-11	1200	Sun	00291 00164 55855 ... 33424 06496 30551	MFSK-16/20Bd	(AB/MPJ)
XPA2	13883	22-11	1220	Sun	00291 00164 55855 ... 33424 06496 30551	MFSK-16/20Bd	(AB/MPJ)
XPA2	12183	22-11	1240	Sun	00291 00164 55855 ... 33424 06496 30551	MFSK-16/20Bd	(AB/MPJ)
XPA2	11529	23-11	0800	Mon	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB)
XPA2	13429	23-11	0820	Mon	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB)
XPA2	13929	23-11	0840	Mon	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB)
XPA2	17413	23-11	0910	Mon	09538 00110 67466 ... 92475 41863 30601	MFSK-16/20Bd	(AB)
XPA2	15852	23-11	0930	Mon	09538 00110 67466 ... 92475 41863 30601	MFSK-16/20Bd	(AB)
XPA2	13363	23-11	0950	Mon	09538 00110 67466 ... 92475 41863 30601	MFSK-16/20Bd	(AB)
XPA2	8175	23-11	1410	Mon	00625 00241 87427 ... 95388 98988 62445	MFSK-16/20Bd	(AB/Danix)
XPA2	7927	23-11	1420	Mon	00625 00241 87427 ... 95388 98988 62445	MFSK-16/20Bd	(AB/Danix)
XPA2	7538	23-11	1430	Mon	00625 00241 87427 ... 95388 98988 62445	MFSK-16/20Bd	(AB/Danix)
XPA2	8126	23-11	1600	Mon	09848 00237 26700 ... 02062 58819 27000	MFSK-16/20Bd	(AB/MPJ)
XPA2	6826	23-11	1620	Mon	09848 00237 26700 ... 02062 58819 27000	MFSK-16/20Bd	(AB/MPJ)
XPA2	5326	23-11	1640	Mon	09848 00237 26700 ... 02062 58819 27000	MFSK-16/20Bd	(AB/MPJ)
XPA2	10653	24-11	1100	Tue	00506 00184 49602 ... 98838 47093 54313	MFSK-16/20Bd	(AB)
XPA2	9353	24-11	1120	Tue	00506 00184 49602 ... 98838 47093 54313	MFSK-16/20Bd	(AB)
XPA2	8153	24-11	1140	Tue	00506 00184 49602 ... 98838 47093 54313	MFSK-16/20Bd	(AB)
XPA2	14783	24-11	1200	Tue	00573 00096 48614 ... 63427 56565 12630	MFSK-16/20Bd	(AB/MPJ)

XPA2	13883	24-11	1220	Tue	00573 00096 48614 ... 63427 56565 12630	MFSK-16/20Bd	(AB/MPJ)
XPA2	12183	24-11	1240	Tue	00573 00096 48614 ... 63427 56565 12630	MFSK-16/20Bd	(AB/MPJ)
XPA2	8189	24-11	1310	Tue	00704 00241 31178 ... 95926 37474 46075	MFSK-16/20Bd	(AB)
XPA2	7952	24-11	1320	Tue	00704 00241 31178 ... 95926 37474 46075	MFSK-16/20Bd	(AB)
XPA2	7622	24-11	1330	Tue	00704 00241 31178 ... 95926 37474 46075	MFSK-16/20Bd	(AB)
XPA2	6901	24-11	1340	Tue	00704 00241 31178 ... 95926 37474 46075	MFSK-16/20Bd	(AB)
XPA2	6783	24-11	1350	Tue	stopped during the intro	MFSK-16/20Bd	(AB)
XPA2	5834	24-11	1400	Tue	stopped during the intro	MFSK-16/20Bd	(AB)
XPA2	10223	24-11	1600	Tue	09852 00001 00000 36266	MFSK-16/20Bd	(AB-RUS/MPJ)
XPA2	9223	24-11	1620	Tue	09852 00001 00000 36266	MFSK-16/20Bd	(AB-RUS/MPJ)
XPA2	8123	24-11	1640	Tue	09852 00001 00000 36266	MFSK-16/20Bd	(AB-RUS/MPJ)
XPA2	16263	25-11	0720	Wed	241 gr message //18048 kHz	MFSK-16/20Bd	(Danix)
XPA2	18048	25-11	0720	Wed	241 gr message //16263 kHz	MFSK-16/20Bd	(Danix)
XPA2	11529	25-11	0800	Wed	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB-POL)
XPA2	13429	25-11	0820	Wed	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB)
XPA2	13929	25-11	0840	Wed	00106 00056 34162 ... 48018 52864 37725	MFSK-16/20Bd	(AB)
XPA2	17413	25-11	0910	Wed	09538 00110 67466 ... 92475 41863 30601	MFSK-16/20Bd	(AB)
XPA2	15852	25-11	0930	Wed	09538 00110 67466 ... 92475 41863 30601	MFSK-16/20Bd	(AB)
XPA2	13363	25-11	0950	Wed	09538 00110 67466 ... 92475 41863 30601	MFSK-16/20Bd	(AB)
XPA2	13393	25-11	1100	Wed	04205 00001 00000 34654	MFSK-16/20Bd	(AB)
XPA2	12193	25-11	1120	Wed	04205 00001 00000 34654	MFSK-16/20Bd	(AB)
XPA2	11093	25-11	1140	Wed	04205 00001 00000 34654	MFSK-16/20Bd	(AB)
XPA2	10968	25-11	1200	Wed	07769 00001 00000 41265	MFSK-16/20Bd	(AB/MPJ)
XPA2	12168	25-11	1220	Wed	07769 00001 00000 41265	MFSK-16/20Bd	(AB/MPJ)
XPA2	13368	25-11	1240	Wed	07769 00001 00000 41265	MFSK-16/20Bd	(AB/MPJ)
XPA2	15985	26-11	0910	Thu	09489 00028 32638 ... 37078 03005 00131	MFSK-16/20Bd	(AB)
XPA2	14885	26-11	0930	Thu	09489 00028 32638 ... 37078 03005 00131	MFSK-16/20Bd	(AB)
XPA2	13885	26-11	0950	Thu	09489 00028 32638 ... 37078 03005 00131	MFSK-16/20Bd	(AB)
XPA2	13393	26-11	1100	Thu	08649 00001 00000 40664	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	12193	26-11	1120	Thu	08649 00001 00000 40664	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	11093	26-11	1140	Thu	08649 00001 00000 40664	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	10223	26-11	1600	Thu	05514 00001 00000 35656	MFSK-16/20Bd	(AB/MPJ)
XPA2	9223	26-11	1620	Thu	05514 00001 00000 35656	MFSK-16/20Bd	(AB/MPJ)
XPA2	8123	26-11	1640	Thu	05514 00001 00000 35656	MFSK-16/20Bd	(AB/MPJ)
XPA2	10653	27-11	1100	Fri	00506 00184 49602 ... 98838 47093 54313	MFSK-16/20Bd	(AB)
XPA2	9353	27-11	1120	Fri	00506 00184 49602 ... 98838 47093 54313	MFSK-16/20Bd	(AB)
XPA2	8153	27-11	1140	Fri	00506 00184 49602 ... 98838 47093 54313	MFSK-16/20Bd	(AB)
XPA2	10968	27-11	1200	Fri	04474 00001 00000 35263	MFSK-16/20Bd	(AB)
XPA2	12168	27-11	1220	Fri	04474 00001 00000 35263	MFSK-16/20Bd	(AB)
XPA2	13368	27-11	1240	Fri	04474 00001 00000 35263	MFSK-16/20Bd	(AB)
XPA2	15985	28-11	0910	Sat	09489 00028 32638 ... 37078 03005 00131	MFSK-16/20Bd	(AB)
XPA2	14885	28-11	0930	Sat	09489 00028 32638 ... 37078 03005 00131	MFSK-16/20Bd	(AB)
XPA2	13885	28-11	0950	Sat	09489 00028 32638 ... 37078 03005 00131	MFSK-16/20Bd	(AB)
XPA2	8126	28-11	1600	Sat	09848 00237 26700 ... 02062 58819 27000	MFSK-16/20Bd	(AB)
XPA2	6826	28-11	1620	Sat	09848 00237 26700 ... 02062 58819 27000	MFSK-16/20Bd	(AB/GHn)
XPA2	5326	28-11	1640	Sat	09848 00237 26700 ... 02062 58819 27000	MFSK-16/20Bd	(AB)
XPA2	14783	29-11	1200	Sun	00573 00096 48614 ... 63427 56565 12630	MFSK-16/20Bd	(AB)

XPA2	13883	29-11	1220	Sun	00573 00096 48614 ... 63427 56565 12630	MFSK-16/20Bd	(AB)
XPA2	12183	29-11	1240	Sun	00573 00096 48614 ... 63427 56565 12630	MFSK-16/20Bd	(AB)
XPA2	11529	30-11	0800	Mon	06198 00089 17144 ... 69456 34380 07677	MFSK-16/20Bd	(AB)
XPA2	13429	30-11	0820	Mon	06198 00089 17144 ... 69456 34380 07677	MFSK-16/20Bd	(AB)
XPA2	13929	30-11	0840	Mon	06198 00089 17144 ... 69456 34380 07677	MFSK-16/20Bd	(AB)
XPA2	17413	30-11	0910	Mon	06125 00001 00000 34260	MFSK-16/20Bd	(AB)
XPA2	15852	30-11	0930	Mon	06125 00001 00000 34260	MFSK-16/20Bd	(AB)
XPA2	13363	30-11	0950	Mon	06125 00001 00000 34260	MFSK-16/20Bd	(AB)
XPA2	8126	30-11	1600	Mon	09270 00001 00000 32270	MFSK-16/20Bd	(AB/MPJ)
XPA2	6826	30-11	1620	Mon	09270 00001 00000 32270	MFSK-16/20Bd	(AB/MPJ)
XPA2	5326	30-11	1640	Mon	09270 00001 00000 32270	MFSK-16/20Bd	(AB/MPJ)
XPB1	7876	1-11	2000	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	7576	1-11	2010	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6876	1-11	2020	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5876	1-11	2030	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5376	1-11	2040	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4476	1-11	2050	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13894	2-11	1100	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11494	2-11	1110	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12194	2-11	1120	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11494	2-11	1130	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11094	2-11	1140	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10494	2-11	1150	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13446	3-11	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14446	3-11	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14946	3-11	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15846	3-11	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16146	3-11	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17446	3-11	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7876	3-11	2000	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7576	3-11	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6876	3-11	2020	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5876	3-11	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5376	3-11	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4476	3-11	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13894	7-11	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11494	7-11	1110	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	12194	7-11	1120	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	11494	7-11	1130	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	11094	7-11	1140	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	10494	7-11	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7876	8-11	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7576	8-11	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6876	8-11	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5876	8-11	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5376	8-11	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4476	8-11	2050	Sun	Russian intel.	MFSK-16	(AB)

XPB1	13446	9-11	0600	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14446	9-11	0610	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14946	9-11	0620	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15846	9-11	0630	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16146	9-11	0640	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17446	9-11	0650	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13894	9-11	1100	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11494	9-11	1110	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	12194	9-11	1120	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	11494	9-11	1130	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	11094	9-11	1140	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	10494	9-11	1150	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	13446	10-11	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14446	10-11	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14946	10-11	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15846	10-11	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16146	10-11	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17446	10-11	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7876	10-11	2000	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	7576	10-11	2010	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	6876	10-11	2020	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	5876	10-11	2030	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	5376	10-11	2040	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	4476	10-11	2050	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	13894	14-11	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11494	14-11	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12194	14-11	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11494	14-11	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11094	14-11	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10494	14-11	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7876	15-11	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7576	15-11	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6876	15-11	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5876	15-11	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5376	15-11	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4476	15-11	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13446	16-11	0600	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14446	16-11	0610	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14946	16-11	0620	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15846	16-11	0630	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16146	16-11	0640	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17446	16-11	0650	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13894	16-11	1100	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11494	16-11	1110	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12194	16-11	1120	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11494	16-11	1130	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11094	16-11	1140	Mon	Russian intel.	MFSK-16	(AB)

XPB1	10494	16-11	1150	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13446	17-11	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14446	17-11	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14946	17-11	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15846	17-11	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16146	17-11	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17446	17-11	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7876	17-11	2000	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	7576	17-11	2010	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	6876	17-11	2020	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	5876	17-11	2030	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	5376	17-11	2040	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	4476	17-11	2050	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	13894	21-11	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11494	21-11	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12194	21-11	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11494	21-11	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11094	21-11	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10494	21-11	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7876	22-11	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7576	22-11	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6876	22-11	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5876	22-11	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5376	22-11	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4476	22-11	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13446	23-11	0600	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14446	23-11	0610	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14946	23-11	0620	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	15846	23-11	0630	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16146	23-11	0640	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	17446	23-11	0650	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13894	23-11	1100	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11494	23-11	1110	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12194	23-11	1120	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11494	23-11	1130	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11094	23-11	1140	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10494	23-11	1150	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13446	24-11	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14446	24-11	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14946	24-11	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15846	24-11	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16146	24-11	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17446	24-11	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7876	24-11	2000	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7576	24-11	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6876	24-11	2020	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5876	24-11	2030	Tue	Russian intel.	MFSK-16	(AB)

XPB1	5376	24-11	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4476	24-11	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13894	28-11	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11494	28-11	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12194	28-11	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11494	28-11	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11094	28-11	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10494	28-11	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7876	29-11	2000	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7576	29-11	2010	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6876	29-11	2020	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5876	29-11	2030	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5376	29-11	2040	Sun	Russian intel.	MFSK-16	(AB)
XPB1	4476	29-11	2050	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13446	30-11	0600	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14446	30-11	0610	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14946	30-11	0620	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15846	30-11	0630	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16146	30-11	0640	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17446	30-11	0650	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13894	30-11	1100	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11494	30-11	1110	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12194	30-11	1120	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11494	30-11	1130	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11094	30-11	1140	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10494	30-11	1150	Mon	Russian intel.	MFSK-16	(AB)
XSL	4153	11-11	0857	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4231.5	11-11	0857	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4291	11-11	0857	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6250	11-11	0857	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6417	11-11	0857	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6445	11-11	0857	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8313	11-11	0857	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8587.5	11-11	0857	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)

## CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-D	Ary Boender via remote rx Germany
AB-FIN	Ary Boender via remote rx Finland
AB-J	Ary Boender via remote rx Japan
AB-KOR	Ary Boender via remote rx South Korea
AB-KWT	Ary Boender via remote rx Kuwait
AB-POL	Ary Boender via remote rx Poland
AB-ROU	Ary Boender via remote rx Romania
AB-RUS	Ary Boender via remote rx Russia
AB-TWN	Ary Boender via remote rx Taiwan
AB-UKR	Ary Boender via remote rx Ukraine
AiR	Alex, Rome, Italy
Dan	Daniel LU5EMM, Argentina
Danix	Danix, Poland
Danix-KOR	Danix via remote rx S. Korea
Danix-RUS	Danix via remote rx Russia
Danix-USA	Danix via remote rx USA
Dan-J	Daniel LU5EMM via remote rx Japan
DMS	Dave moonlight0551, Sydney, Australia
DMS-HOL	Dave moonlight0551 via remote rx Netherlands
EB4APL	EB4APL Ignacio
EW	Eddy Waters, Australia
GHn	Gary Hagermann, UK
Gwr	Gwraspe (via Priyom)
HFD	Hans-Friedrich Dumrese, Germany
HFD-CHN	Hans-Friedrich Dumrese via remote rx China
HFD-I	Hans-Friedrich Dumrese via remote rx Italy
HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
JE	John Erwin
JE-HOL	John Erwin via remote rx The Netherlands
JPL	JPL, NB, Canada (and various remote rx)
JPL-CHN	JPL via remote rx China
JPL-HK	JPL via remote rx Hong Kong
JPL-RUS	JPL via remote rx Russia
KG4ZFX	KG4ZFX, USA
ML4	Michel Lacroix, France
MPJ	Jim, SW England
MPJ-E	Jim via remote rx Spain
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
RR2	Rich Ray, IL, USA



## COLOPHON

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

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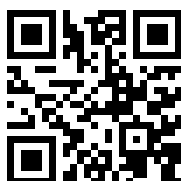
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086 88932 78987 32123 49817 26346 81287 65491 87364 81  
721 75654 55656 12737 72727 72727 91918 63473 67867 78  
023 87629 37677 32612 53498 71296 28756 18276 98716 87  
7269 76329 74698 76857 98670 27601 56701 57601 73648 1  
591 87364 87265 96710 27630 12673 84769 28743 98127 0  
0 63298 75698 27465 87326 49876 28376 81273 98615 0  
67 87432 74328 78674 29867 32867 67867 86786 43286 48  
57 68768 68763 34234 34238 68768 62342 48273 48768 23  
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