

86	40932	70987	32123	49817	26346	81287	65491	87364	8
721	75654	55656	12737	72727	72727	91918	63473	67867	7
723	87629	37677	32612	53498	71296	28756	18276	98716	8
269	76329	74698	76857	98670	27601	56701	57601	73648	1
701	87364	87265	96710	27630	12673	84769	28743	98127	7
78	63298	75698	27465	87326	49876	28376	81273	98615	7
77	87432	74328	78674	29867	32867	67867	86786	43286	4
77	68768	68763	34234	34238	68768	62342	48273	48768	2
706	98432	32432	86743	43286	43286	43286	43286	43286	4
743	86743	86743	39867	32867	86743	43286	43286	43243	86
74	86743	86743	86743	86743	86743	86743	86743	86743	4
792	98798	98754	98754	98754	98754	29867	67543	67986	8
70	87698	69876	87698	69876	87612	12341	34867	86798	6
7	43298	65656	56756	56123	32143	14321	32143	14321	3
7	58767	58767	58767	58765	76587	58765	76587	58756	6

*Numbers & Oddities*  
 Numbers & Oddities  
 a.k.a. *The Spooks Newsletter*  
 The Spooks Newsletter  
*Edition #309, June 2023*

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

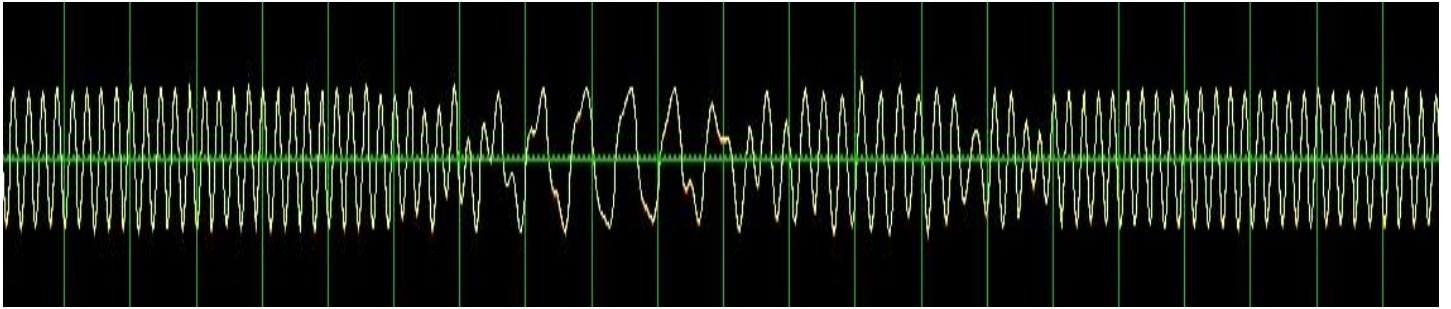
"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

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

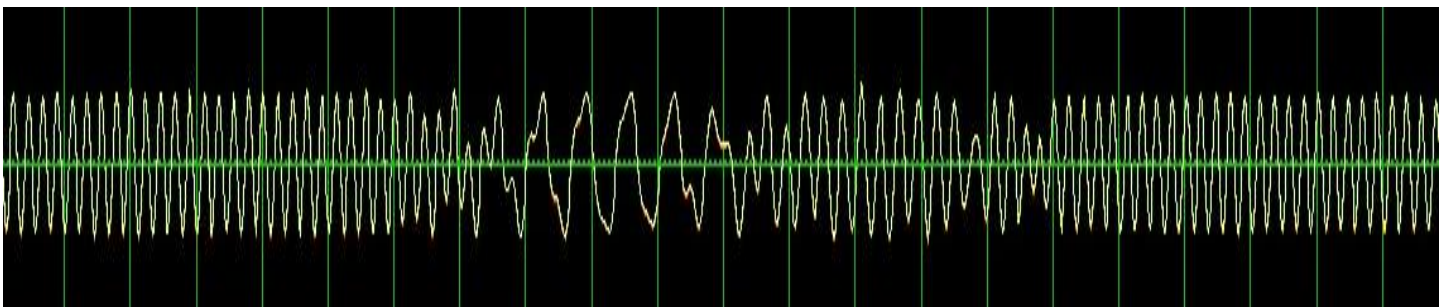


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# CONTENT



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## FOREWORD

Hello everyone,

I was unable to listen during the first week of the month but I received plenty logs to cover that period. So, THANKS to all contributors !

Apart from the usual logs and transcript you will find some interesting S06 and E06(b) tests, logged by PY.

HM01 and Radio Cuba Havana's transmissions from the Bejucal site were absent during the last few days of June. Transmitter problems???

## VOICE STATIONS

### E06

#### 13985 kHz, 02-06, 0500 UTC

328 495 60  
56207 16488 70101 29817 65961 48943 88188 86407 13959 91448  
89775 21973 41543 36247 38691 43785 99973 91175 06803 49647  
45537 48968 89305 48116 58972 78146 27900 18184 62657 02674  
77831 88201 33975 62572 79710 38734 38320 72678 22054 59021  
30165 21737 05489 11742 95630 79005 44550 85764 35005 00580  
68022 41583 08630 52597 03743 79099 94610 93536 58819 82473  
495 60 00000

#### 13985/15830 kHz, 15-06/16-06, 0500/0600 UTC

328 671 50  
79781 59214 15604 29734 66506 32798 58600 96563 42293 31308  
07146 09815 13817 78438 06258 02264 58450 03303 87807 39780  
13142 03612 80153 38260 02854 06597 06554 24411 88239 26142  
64524 01316 37242 39531 03349 04734 50305 32267 41924 61048  
93892 84393 94114 82818 21986 96757 93819 62866 90268 80653  
671 50 00000

#### Group Count Cycle net

#### 14932/12212 kHz, 01-06/02-06, 0300/0400 UTC

361 742 38  
17778 41132 10942 65537 93042 62119 84806 07525 06426 46949  
01941 75225 40543 22838 44112 80883 48577 90530 64241 10057  
38178 62573 71515 15999 87108 60281 09984 81319 95316 92831  
47775 32876 03111 66928 19162 20815 30151 00464  
742 38 00000

#### 14932/12212 kHz, 08-06/09-06, 0300/0400 UTC

361 805 39  
68362 24417 88315 52796 59556 37135 78899 57010 18625 30184  
71265 47309 76836 76590 88912 0806\_ 65406 54175 04721 97506  
19563 34667 30227 12830 97953 49459 88196 71855 84566 67976  
48196 09592 65358 49576 29829 13195 9678\_ 54912 03343  
805 39 00000

#### 14932/12212 kHz, 15-06/16-06, 0300/0400 UTC

361 \_79 40  
32994 62759 77853 49248 33731 58059 \_\_1\_\_ 38487 61660 2\_678  
15662 05735 \_5\_1 69975 66990 \_\_\_\_\_ 12153 1\_0\_9\_9\_\_\_\_\_ 31785  
15789 29818 \_5\_57 316\_6 3995\_ 06486 00751 \_\_909 87157 97091  
\_\_\_65 10947 15\_\_\_ 73\_1\_ 21720 66964 \_9247 4\_542 69\_0\_4\_\_9\_  
\_79 40 00000



**14932/12212 kHz, 22-06/23-06, 0300/0400 UTC**

361 580 41  
15817 38369 48977 48219 85219 481\_6 46936 61132 51623 20497  
66315 24473 94568 36658 05357 66228 12957 60909 09560 08899  
69254 30465 64381 51712 943\_\_ 48\_6\_ 04039 33416 95226 91135  
51123 45063 36688 65083 \_\_693 19\_52 61248 75574 35545 35\_27  
4844\_  
580 41 00000

**14932/12212 kHz, 29-06/30-06, 0300/0400 UTC**

361 907 42  
08560 79922 39128 76704 45409 83396 22440 72108 62253 94772  
55226 16257 87506 60686 68491 28311 12655 91963 58336 73615  
63612 89155 57363 39472 73351 74409 37819 69606 47978 90640  
51162 80766 43464 53913 33750 09879 95205 69990 33314 65218  
67600 50976  
907 42 00000

**11557/13808 kHz, 05-06, 0210/0310 UTC**

**11544/13808 kHz, 06-06, 0210/0310 UTC**

537 208 43  
53415 33866 88523 78815 15317 48157 14648 \_6591 09025 86076  
77204 44537 76403 20490 \_32\_\_ \_6732 06576 15629 72129 45413  
64201 37297 10097 93446 45630 02225 80990 65806 30008 02528  
02199 08499 17647 66198 20886 68354 72758 39570 70064 92148  
12785 02694 89217  
208 43 00000

**12 and 13 June:**

No E06 537 transmissions due to Russia Day holiday

**11557/13808 kHz, 19-06/20-06, 0210/0310 UTC**

537 619 44  
78156 78826 48200 94653 97118 46881 40142 39935 87619 01017  
24740 61349 30847 18147 16434 55378 05670 49915 34928 03055  
04719 71852 94770 36552 61114 85765 61027 36354 28025 86283  
25767 32416 78247 27504 85036 07771 15994 50670 21002 28020  
18067 58824 18966 45132  
619 44 00000

**11557/13808 kHz, 26-06/27-06, 0210/0310 UTC**

537 820 45  
99717 95130 87575 07696 27683 99090 11152 59994 38901 91979  
00511 35928 87214 91517 61796 28986 28913 98372 69419 41569  
02737 14906 535\_7 91086 04109 35110 43429 95841 58302 29171  
84169 266\_2 22215 71097 68427 35017 69442 82857 50943 94183  
38350 93456 37645 13341 47809  
820 45 00000

**E06b**

**Test transmissions, copied by PY**

**10755 kHz, 13-06, 0743 UTC. Windows XP Startup system sound, cut off**

**10755 kHz, 13-06, 0800 UTC**

975 (R3m15s) [5s silence] 75  
975 (R1m10s) 214 36  
20877 11643 88559 03831 34910 95394 05603 32321 53005 60489-  
[45s silence] 975 (R1m15s)  
95394 05603 32321 53005 60489  
86104 19646 62051 09515 58707 62507 88007 59546 20183 76775

45260 32689 06914 48633 61081 22113 43811 72920 36119 38264  
[3s silence] 975 (R2m30s)  
22113 43811 72920 36119 38265 (group corrected)  
94112 95881 26865 64935 58497 04490  
214 36 975 (R1m) 683 14  
96943 22520 72720 83892 08384 37985 66679 63301 85837 88926  
47845 41953 54835  
[15s silence] 975 (R3m30s)  
85837 88926  
47845 41953 45835 (group corrected) 35796  
683 14 00000

Full recomposed messages:

975 214 36  
20877 11643 88559 03831 34910 95394 05603 32321 53005 60489  
86104 19646 62051 09515 58707 62507 88007 59546 20183 76775  
45260 32689 06914 48633 61081 22113 43811 72920 36119 38265  
94112 95881 26865 64935 58497 04490  
214 36  
975 683 14  
96943 22520 72720 83892 08384 37985 66679 63301 85837 88926  
47845 41953 45835 35796  
683 14 00000

**9463 kHz, 19-06, 0721 UTC. 1200Hz test tones then E06 "801" once, then Windows XP Critical Stop system sound twice**

**9463 kHz, 19-06, 0730 UTC**

801 19283 (R4m) 263 40  
17210 43843 47456 13850 93053-  
[silence then inaudible] 801 (R1m+)  
43843 47456 13850 9\_\_5\_\_8\_\_ 39477 97015  
[signal too weak, inaudible groups]  
81993 71982 66251 58369 43541  
263 40 801 (R1m) 497 20  
98347 47119 87574 87223 69227 07531 12966 97162 65370 78195  
04592 89668 14155 25168 13600 99858 63017 19\_\_ 43449 51347  
497 20 00000

Partial recomposed messages:

801 19283 263 40  
17210 43843 47456 13850 93053 \_\_8\_\_ 39477 97015 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 81993 71982 66251 58369 43541  
263 40  
801 497 20  
98347 47119 87574 87223 69227 07531 12966 97162 65370 78195  
04592 89668 14155 25168 13600 99858 63017 19\_\_ 43449 51347  
497 20 00000

## **E07**

Late May logs: **15836 kHz, 25-05/27-05, 1410 UTC**

157 157 157 1 412 69 412 69  
18382 50101 80151 35650 82852 35279 82148 17439 37802 33011  
54434 12970 14368 83934 53992 49878 41026 76127 36003 00735  
56225 78356 84234 29465 30400 75923 18900 46254 18900 17031  
60175 90355 01116 48609 52122 17311 65208 22687 46865 09926  
10250 20841 89147 39091 41376 25628 90820 38661 00379 89261  
90621 35578 97983 67775 16882 29506 55915 87146 49333 18971  
72179 81261 42484 54619 77569 03784 20267 67937 42993 000 000

14945/16145/18245 kHz, 1500/1520/1540 UTC

**14945/16145/18245 kHz, 02-06, 1500/1520/1540 UTC**

912 912 912 1 6970 96 6970 96  
51159 41329 67261 08993 89700 91687 07106 23846 40182 79813  
19949 96585 55012 10379 17347 65367 36756 40548 00293 79514  
86274 19955 79981 04757 19430 53910 19241 59556 51852 68653  
89401 92258 07172 51570 16305 01989 95317 49572 20648 51564  
27836 37107 77691 58428 27993 91902 55019 71689 57179 67849  
40457 88947 50350 93863 24465 61422 04663 29711 76836 20523  
29148 74847 67462 40460 86046 06863 48007 17151 34525 73665  
60175 35304 10873 27457 99245 82575 18625 85497 70260 34248  
18586 51411 60680 80603 21379 76931 62684 40671 04506 10383  
63877 15340 59522 79371 84502 40896  
000 000

**14945/16145/18245 kHz, 13-06/16-06, 1500/1520/1540 UTC**

912 912 912 1 8415 120 8415 120  
02166 36144 06174 02285 19192 37529 63120 17808 98435 95362  
96766 19640 70942 90898 46235 61846 09129 18694 41826 85502  
73163 36198 19656 69115 45426 87719 86254 74229 33798 59114  
67574 42195 63225 60484 15645 37906 88479 85934 16144 61634  
77731 96477 44208 04461 51101 80931 38221 02528 80109 35857  
86805 46729 15526 74901 80630 23127 55721 95936 28131 82652  
53784 73346 45164 15621 79392 67187 71482 75010 88582 53238  
33761 71856 72985 32253 11827 56680 26321 48196 87682 16060  
07241 17216 55478 82399 08697 72379 35815 16809 23975 44391  
29023 19492 25796 57700 06856 18387 71594 57294 74617 25446  
98826 93553 94908 90597 74956 18302 74004 47179 26073 51563  
06461 54455 83665 99018 43168 33703 82587 77309 84356 93245  
000 000

**14945/16145/18245 kHz, 27-06/30-06, 1500/1520/1540 UTC**

912 912 912 1 9969 78 9979 78  
05999 59156 23338 01528 97814 40183 93915 75618 34537 41130  
15708 28562 76532 55643 94889 64849 73221 20623 44288 46023  
91476 49123 97290 53689 60358 67189 11763 87788 92997 63400  
04440 12538 41140 58250 96843 77389 47313 39951 52510 57709  
44649 91223 63636 15191 24433 25203 76358 21194 10327 26055  
32435 51690 41515 92370 92849 28385 05246 69993 21805 22764  
63533 82516 71693 49033 57222 66916 98347 98189 04338 70061  
09336 26940 95676 79661 48193 76449 18950 24780 000 000

13417/14717/15817 kHz, 1410/1430/1450 UTC

**13417/14717/15817 kHz, 08-06/10-06, 1410/1430/1450 UTC**

603 603 603 1 889 71 889 71  
66557 02577 02842 68087 51223 55021 41802 66683 66874 11850  
50159 08588 29106 81434 72521 63863 55162 65737 62324 28914  
07387 38735 02548 88159 92624 10627 65317 69902 20536 73859  
15310 55232 57680 95228 58472 16567 64010 01527 00587 88684  
71861 87341 99418 97617 66687 37015 31282 93493 52701 37846  
93583 17465 93433 04343 16266 98029 05111 18797 84329 55834  
22047 95305 45323 85666 80619 91237 63031 58773 88759 16728  
38532 000 000

**13417/14717/15817 kHz, 22-06/24-06, 1410/1430/1450 UTC**

603 603 603 1 2048 53 2048 53  
16945 20323 61448 37795 05256 39999 49952 08298 90157 09467  
42803 93973 69733 03324 34633 55387 87684 47752 22757 20161  
88904 58792 36814 22999 05221 34384 55602 08937 83283 37754  
58145 24252 94849 96812 36561 03567 82497 76141 52898 66113  
34392 08733 24364 32842 73027 96256 98451 32486 80982 02857  
23233 48780 33658 000 000

**13417/14817/15917 kHz, 08-06, 1600/1620/1640 UTC**

00327 00190 04943 39649 77508 48829 35373 97213 44820 27342  
81574 24115 85430 80983 89210 75526 88344 15042 92606 28392  
77685 82948 52329 65284 40255 73794 54348 32825 44405 78733  
94380 02463 46893 90491 81879 24006 36649 85297 11637 12112  
18114 96007 68205 60823 09882 26449 76089 89817 35422 54019  
55116 29584 08135 92080 80127 37990 67627 48250 25685 48858  
95161 05006 15322 82748 38447 65427 31495 36134 48410 61335  
08387 74322 99388 27042 24672 15074 24765 15438 69488 67653  
09399 92563 27094 79567 46505 46006 50219 82710 57139 35946  
07305 23556 88925 55635 03364 59664 49151 52899 56555 35356  
64949 90947 70087 63613 27103 36542 71988 64822 67151 18437  
30538 94975 07092 08047 05018 85324 85346 91006 52734 36976  
02009 99474 95652 27244 38102 61008 87688 66529 81866 83110  
02798 62628 73211 33169 58921 62921 76752 76708 09741 17460  
32729 37071 29741 58054 58777 68425 59235 83063 80747 65854  
72121 79345 06671 99699 56960 76688 47381 70384 17150 11072  
22853 83328 09947 27604 69063 07785 83258 56325 74317 18077  
76280 39167 77493 47204 29490 39776 15761 37697 78115 48426  
40854 39524 43286 50971 38170 73088 50040 50104 14271 49114  
22611 87840 25454

**13417/14817/15917 kHz, 13-06, 1600/1620/1640 UTC**

06775 00001 00000 37265

**13417/14817/15917 kHz, 20-06/22-06, 1600/1620/1640 UTC**

09534 00241 90013 71946 70143 95729 84622 11775 86720 91790  
46905 23421 50547 07345 91415 68449 97974 65261 50470 85702  
30136 89394 43791 85495 37490 53307 32356 58306 27801 05570  
97231 98661 29797 83290 21753 45541 64848 80213 62996 17245  
04022 13047 02379 98691 14353 72067 35798 34986 27878 20723  
75252 73184 06919 25569 23655 24140 62165 54476 90877 34285  
48012 77031 22165 36941 34797 94789 47230 41905 61634 21137  
09788 65755 55259 27332 33003 28909 99016 93760 31781 97951  
06208 04873 59371 37764 90065 73025 34379 66150 68058 42256  
13827 81500 24420 38492 03205 92087 88762 18469 91169 62351  
76930 32251 73952 66344 68074 62872 55937 55265 26302 14631  
77649 63073 28823 79338 83446 00954 50078 46638 61590 83267  
24537 88897 19997 95116 08986 15660 48943 61989 81519 94885  
44924 82331 82293 67036 48187 86427 57282 86418 89292 65319  
82479 02220 40945 67979 35449 89919 33015 38078 82844 73213  
43373 00611 17152 58418 01663 92175 32961 83821 90179 88478  
46553 79658 81993 76730 47018 70528 15986 95735 45040 14332  
17612 04577 11451 43806 16172 97485 02250 97320 83717 71647  
92303 01248 80120 62015 82727 29989 96386 16488 69990 76091  
10177 97263 71712 92050 47062 05915 70063 93310 55967 30453  
24272 22981 94886 72393 31361 69962 73917 78477 40046 72662  
72300 56740 06811 65902 51808 10366 71710 48016 07888 90756  
17299 01229 43959 01097 76129 05314 31697 21385 35781 83258  
05344 38710 44998 24647 77189 54194 78208 95781 25300 19566  
21652 57308 62554 35010

**13417/14817/15917 kHz, 27-06, 1600/1620/1640 UTC**

09026 00001 00000 34263



**5409 kHz, 01-06/04-06, 2000 UTC**

527/32 Attention

91481 07656 63666 50494 95290 52191 75346 85162 24053 50126  
91051 41678 79267 21863 60692 31519 12067 62111 13525 07014  
99387 10887 36714 07659 28003 31762 88715 38576 82440 76029  
69254 77927

Attention (message repeated) Out

**14410 kHz, 05-06/11-06, 1745 UTC**

245/35 Attention

76764 43320 06517 39609 69129 18785 03080 95725 84284 28825  
64271 57884 13008 63502 02670 12959 63771 14818 48609 73453  
26344 45057 51767 58055 49744 35441 16911 28823 91979 34178  
63941 25745 08375 59100 88099

Attention (message repeated) Out

**7863 kHz, 07-06/09-06, 1715 UTC**

977/32 Attention

88925 02001 16731 84786 85140 13138 22637 80075 50101 72769  
13342 55802 32274 37816 05930 20548 03402 87456 13645 89803  
56226 48806 54429 39361 87251 08960 57026 62443 59551 61126  
31617 45214

Attention (message repeated) Out

**8091 kHz, 08-06, 0645 UTC**

515/36 Attention

78588 14749 68450 01654 52772 71325 74524 63538 99111 62329  
99329 86309 44761 39757 64600 71547 69481 16944 82177 63683  
77147 77745 67946 46799 72311 14528 45820 22157 97519 38058  
49895 46584 71793 04975 19715 79624

Attention (message repeated) Out

**6923 kHz, 08-06, 0930 UTC**

271/32 Attention

78893 90110 55655 78969 04095 57176 96182 34038 62527 94928  
57480 68222 35539 42553 55870 43124 55202 62226 67548 75093  
95941 49774 78624 49177 06438 81319 19660 22929 44611 62133  
12335 30969

Attention (message repeated) Out

**10356 kHz, 08-06, 1530 UTC**

260/37 Attention

27378 85043 22669 16384 76623 14031 74101 31021 65318 34425  
47711 85439 52219 83192 11300 87040 68874 41593 89167 59085  
76715 54835 54915 22296 20694 41427 86904 35322 31683 30072  
03908 03452 24054 15995 14672 45057 91346

Attention (message repeated) Out

**8680 kHz, 09-06, 0700 UTC**

571/33 Attention

91302 68371 91082 64667 09086 35380 40208 82811 14621 84900  
71141 30075 70905 04250 36778 73278 99691 82457 31372 14420  
34468 73948 15218 41241 03367 65034 46810 24024 29162 86130  
82185 42677 15446

Attention (message repeated) Out

**15720 kHz, 09-06, 0745 UTC**

342/39 Attention

97416 64328 59141 38052 25290 02132 47304 76509 83407 93107  
87298 62375 08776 78022 69074 99692 21017 78408 06192 19635  
09220 25788 37813 04080 67707 12217 38990 38112 77958 74335  
70533 76889 75897 76326 90610 30483 92694 41313 95401

Attention (message repeated) Out

**12153 kHz, 09-06, 1000 UTC**

300/27 Attention

71826 64725 15310 21647 59222 28087 07489 40533 51628 39689  
03094 80115 24146 12560 68375 31490 33124 20136 02835 23723  
86640 69717 15789 71410 43724 75518 91324

Attention (message repeated) out

**5231 kHz, 11-06, 1605 UTC**

238/32 Attention

02993 04473 73098 23273 47748 24807 51442 84021 08189 34497  
96106 67078 69833 10490 21517 45643 46059 90631 56016 16063  
98784 53067 69335 91811 48129 33065 09623 28558 34455 03008  
42494 27458

Attention (message repeated) Out

**16335 kHz, 12-06/16-06, 0830 UTC**

185/33 Attention

90642 65369 40335 99051 61665 36536 31367 69587 68200 69449  
37432 88135 61309 82930 74117 98074 85716 25571 93013 08637  
77602 28353 41445 35111 59675 62636 18531 70290 45837 95468  
71171 41540 07399

Attention (message repeated) Out

**12815 kHz, 12-06/14-06, 0845 UTC**

718/38 Attention

24701 03177 69514 40066 02131 24450 30995 29670 59160 03427  
65469 42456 13745 21378 22676 17389 48694 14931 23628 64424  
67949 49671 94154 77209 51113 43641 35390 27443 82387 18065  
55171 83647 31785 87925 68213 62291 35295 95335

Attention (message repeated) Out

**12089 kHz, 12-06/14-06, 1045 UTC**

696/22 Attention

48665 65861 81785 76335 71935 25351 08856 91889 61544 77442  
47725 78691 37567 88797 68750 27928 40573 43684 08226 46544  
61272 07243

Attention (message repeated) Out

**7377 kHz, 17-06/18-06, 0700 UTC**

491/35 Attention

20078 01537 63791 45844 42683 63542 05506 93123 61268 62466  
42867 76038 09362 40469 41821 15412 81733 83742 98142 51918  
85125 62350 73964 13119 89382 59337 99170 08302 08330 28886  
77036 81359 71360 00754 59344

Attention (message repeated) Out

**14940 kHz, 20-06/22-06, 0745 UTC**

225/34 Attention

40287 07542 72303 27006 31658 67726 71917 31023 61523 99269  
38800 74352 08349 19456 11903 73373 66158 00638 10771 85384  
81492 76847 04320 72560 55239 90204 41160 98996 21936 15332  
39993 54231 72826 54506

Attention (message repeated) Out

**9610 kHz, 23-06/25-06, 1910 UTC**

614/30 Attention

04680 87600 32598 96873 12487 33694 84023 26836 96013 04510  
50559 48328 17123 40013 88970 39938 63242 57986 08207 14768  
12095 17189 09045 43047 99016 78015 45811 27837 76432 19997  
Attention [repeat] Out

**12984 kHz, 20-06/24-06, 1430 UTC**

914/32 Attention

48082 89421 65430 68575 90226 80753 77065 74996 59063 14875  
26174 85327 78896 49436 65939 52531 48805 40461 71114 48274  
81866 92026 38466 82237 17180 52638 95337 56048 66445 65439  
21904 08307  
Attention (message repeated) Out

**4783 kHz, 21-06/24-06, 1910 UTC**

391/37 Attention

47812 35378 92795 27277 69968 89769 23740 97200 66484 22043  
25761 97568 47587 05973 64788 88951 87645 79260 51647 78354  
67829 65660 67076 74555 59665 84555 88302 47087 85396 88330  
50254 66963 31417 78364 66289 54237 80095  
Attention (message repeated) Out

**9150 kHz, 23-06/25-06, 0600 UTC**

359/36 Attention

88499 11711 11338 50338 17569 64188 58791 92681 13594 08284  
42035 74984 58677 38311 36677 42706 60809 36695 93005 91809  
19797 75008 72324 89863 97260 02813 61090 43055 38139 69965  
45172 72789 52116 26971 75047 71305  
Attention (message repeated) Out

**12229 kHz, 23-06/25-06, 1815 UTC**

922/40 Attention

30299 07796 68499 57661 98894 59506 59511 65915 86485 49237  
11589 11424 33862 27241 96364 39342 54455 24014 01257 02914  
32613 40594 82332 37218 39191 80261 26468 04529 13793 50131  
79581 14517 72500 14562 51823 00879 11399 59550 53921 70191  
Attention (message repeated) Out

**14972 kHz, 26-06, 0315 UTC**

252/31 Attention

93706 23907 56276 36642 90291 64311 32969 37572 65186 30545  
84854 00691 57203 24887 48116 59896 70255 73944 49721 51153  
46811 79039 63667 09472 42759 54985 49200 21629 38659 43796  
40257  
Attention (message repeated) Out

**18030 kHz, 26-06, 0715 UTC**

753/38 Attention

11706 77076 06082 14448 33167 25788 48953 34261 28342 87989  
44722 79128 55071 07590 54591 22015 53177 54308 46880 33019  
99765 62236 52872 91629 34575 54128 90479 44625 93097 51174  
52677 63449 09718 22237 69669 33587 60238 20581  
Attention (message repeated) Out

**5737 kHz, 26-06/29-06, 1300 UTC**

316/35 Attention

48978 62603 35125 26978 35733 23206 55382 40912 72365 59871  
45916 04833 84179 52232 64013 64842 22411 87651 12299 31626  
36948 15229 28933 96346 35453 45648 66905 92938 27716 69605  
62045 27839 62395 47315 79454  
Attention (message repeated) Out

**10429 kHz, 27-06/30-06, 0715 UTC**

635/38 Attention

25833 00269 65968 28109 55942 03222 64668 70663 22383 45724  
56807 19195 69660 58895 39343 40398 10556 16891 31805 95702  
12607 25392 94132 65572 99619 64240 33379 21581 68265 05718  
51784 52995 55720 14923 24210 89662 42142 56167

Attention (message repeated) Out

**19184 kHz, 27-06/29-06, 0845 UTC**

151/24 Attention

23499 50546 88731 43153 05600 66112 08717 49015 43849 97654  
79878 45183 11081 54943 96964 32087 25906 64452 24144 21223  
01311 10154 64972 50201

Attention (message repeated) Out

**6304 kHz, 27-06/28-06, 1205 UTC**

469/39 Attention

27194 98761 73317 50209 90741 92340 58212 80773 30900 89864  
41402 28659 16021 12814 94513 00615 25990 03342 77343 24568  
53908 79297 55336 76405 88420 77677 41389 13105 54870 42318  
05449 16814 07749 44717 98804 90450 00528 89010 53353

Attention (message repeated) Out

**18030 kHz, 28-06, 0715 UTC**

753/38 Attention

11706 77076 16082 14448 33167 25788 48953 34261 28342 87989  
44722 79128 55071 07590 54591 22015 53177 54308 46880 33019  
99765 62236 52872 91629 34575 54128 90479 44625 93097 51174  
52677 63449 09718 22237 69669 33587 60238 20581

Attention (message repeated) Out

**S06**

**11616/9322 kHz, 01-06, 0400/0420 UTC**

480 735 60

70849 62465 17474 72505 49304 74905 03068 30231 50660 65159  
70825 47074 03193 59541 52006 52756 97569 96710 41542 05108  
13842 06399 10429 45804 68855 90190 28378 07365 20001 84039  
95158 63607 86255 07216 04067 40755 72439 27362 85963 31371  
07646 96349 07315 78307 33750 36627 20674 20869 04972 82744  
91043 20371 84399 07733 46552 07273 48426 89047 26884 17085  
735 60 00000

**11616/9322 kHz, 02-06, 0400/0520 UTC**

480 921 53

17356 01604 17444 99960 05592 06438 36339 50380 49047 38598  
62103 56635 30669 14370 58844 27712 12654 06027 69459 60691  
68367 95226 51325 62934 12032 15161 55828 93505 24596 73672  
12692 28528 99236 74516 05011 80138 54929 78944 45961 23763  
91515 74821 93098 13357 84721 45436 61190 89345 44547 55220  
19530 08907 85476  
921 53 00000

**11616/9322 kHz, 05-06, 0400/0430 UTC**

480 673 54

39441 63083 32036 43519 24594 23582 88193 92532 10313 52988  
27061 85023 58362 95345 20009 08586 35408 02420 93018 03930  
74072 57707 40510 02812 06352 62276 48269 11376 24083 55853  
92631 74849 46147 71599 08129 84516 97108 48018 40776 12919  
26950 46434 29199 88211 26625 47468 80771 43625 19089 24955  
34963 02952 30510 20748  
673 54 00000

**11616/9322 kHz, 06-06, 0400/0430 UTC**

480 592 61  
68291 52297 89073 39341 60812 34866 43840 33224 82719 68091  
34574 40682 42771 51210 09680 39855 87210 68150 27350 89444  
23298 98925 81285 01099 99960 16679 54646 52902 94025 12548  
13163 98673 75445 15561 73340 52751 49964 99735 06701 54950  
02672 95568 66000 45387 90863 48112 44350 03853 59664 88820  
03190 33427 78834 13349 30048 93010 24212 82498 12020 08484  
52215 88499  
592 61 00000 wrong group count in preamble

**11616 kHz, 07-06, 0344 UTC**

Space Cadet pinball game and Windows XP system sounds

**11616/9322 kHz, 07-06, 0400/0430 UTC**

480 167 52  
27412 65758 94495 01179 64325 27585 00771 72444 91109 68758  
17808 88003 93320 64697 35865 39934 10337 82176 13307 17505  
50675 49708 97258 54162 45705 19816 03722 71885 90165 65385  
68108 77593 42941 77297 02120 91286 86527 55507 17907 10615  
68627 10771 05462 41563 74312 19208 74158 49932 02192 96876  
94404 13310  
167 52 00000

**11616/9322 kHz, 08-06, 0400/0430 UTC**

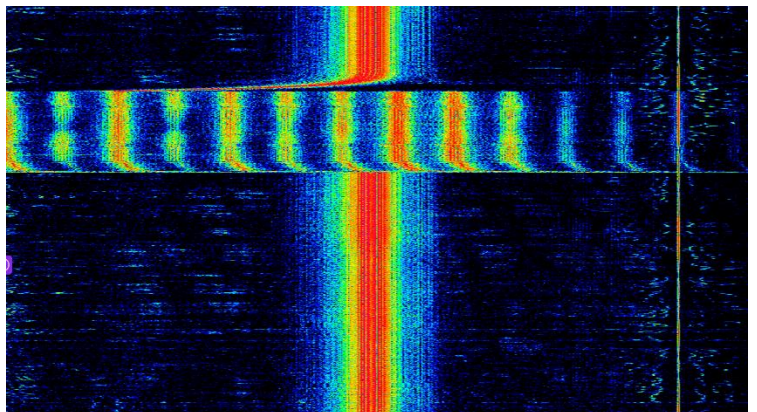
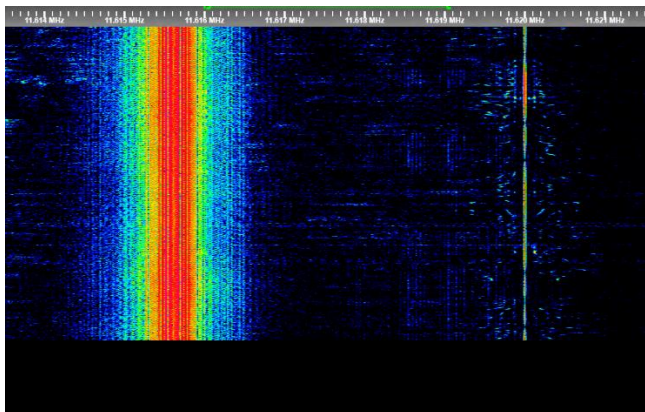
480 352 61  
18521 85151 72205 75934 56614 93954 94135 06306 67852 25862  
26300 00495 56699 14988 73239 25999 59648 13789 22201 18935  
31661 44027 91741 95792 48729 28312 83163 79365 81232 75637  
01967 74763 17780 19370 41508 56467 44240 31101 46061 52362  
07619 58833 95450 35667 19502 62906 78460 60725 78724 48120  
47196 03571 17976 15491 69596 93223 04009 82062 22271 44641  
46158  
352 61 00000

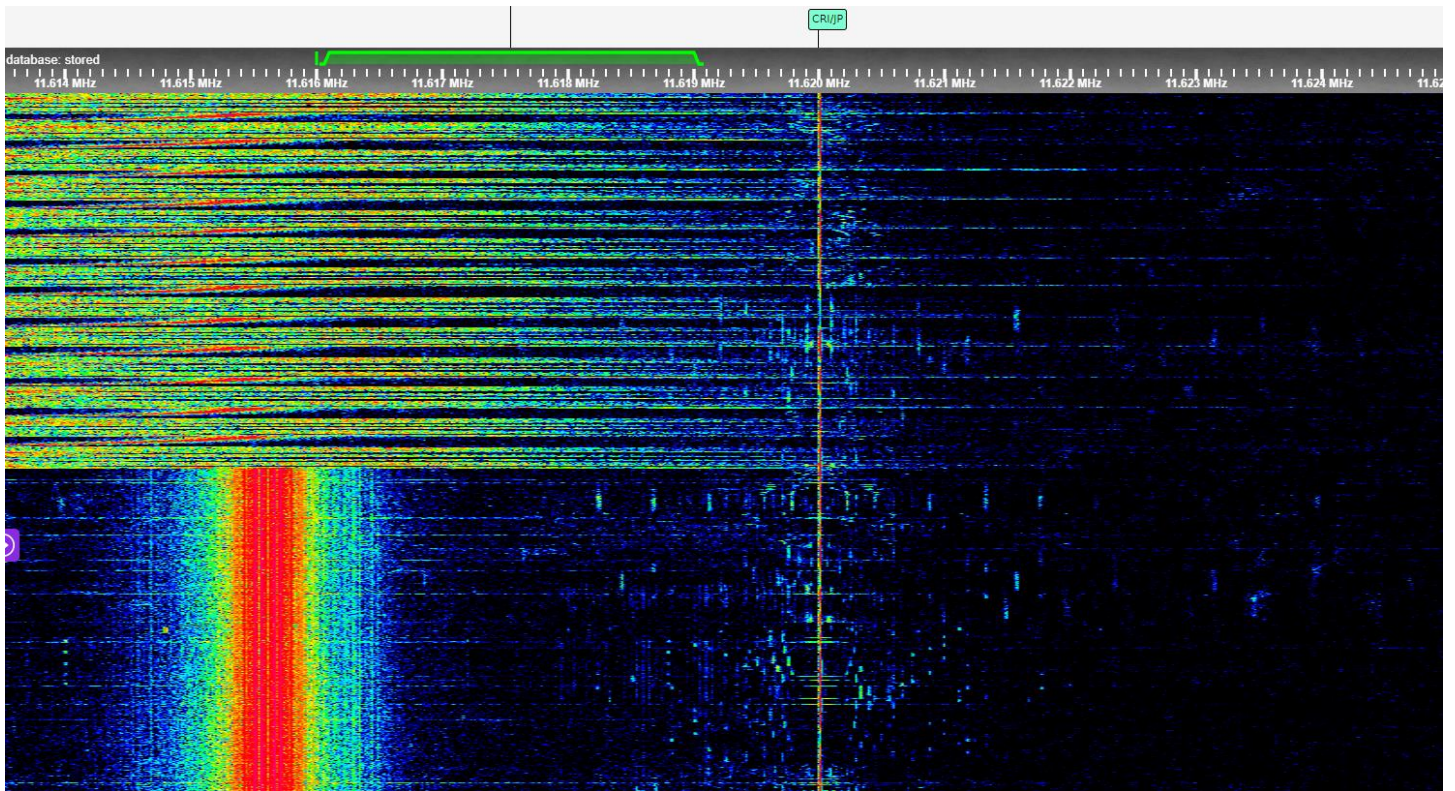
**11616/9322 kHz, 09-06, 0400/0430 UTC**

480 916 53  
17916 47640 08651 10345 00480 76792 98103 86113 72149 50743  
03172 74661 64031 21372 40073 16135 47136 70188 23551 95254  
75131 90790 22944 40437 73661 04246 82815 45658 43442 43306  
87810 13515 69311 66424 76445 42916 52430 87475 33510 09838  
07805 32155 15770 14579 94336 56959 90653 93969 69578 91716  
92619 21943 86382  
916 53 00000

**This report from 22-06 comes from LuCa and PY. The transmitter had serious problems.**

**11616 kHz, 22-06, 0349 UTC. Carrier and pre-TX test**





Best demodulation was achieved in classic AM around 11616kHz. Both 0400z and 0420z were affected by this.

**11616/9322 kHz, 22-06, 0400/0430 UTC**

480 721 56  
 61907 40583 01990 63660 42558 01732 05717 14682 72011 82730  
 89415 76976 53963 02219 22133 50054 32334 86618 45039 60056  
 14267 28846 83728 14994 15091 56883 09826 06577 36192 66904  
 25365 25804 11743 00635 68345 84514 85201 71639 62917 60091  
 01550 70227 62646 05479 26178 01648 60263 91737 26376 37285  
 62371 75297 76355 83523 52525 07106  
 721 56 00000

**11616/9322 kHz, 27-06, 0400/0430 UTC**

480 136 54  
 13198 81062 99266 23087 23194 38841 68048 71032 06078 83792  
 19194 27357 33936 70565 72013 93949 17944 38704 17567 67785  
 26353 21337 55842 95559 01403 48488 06078 94041 04850 93458  
 32413 47092 46789 35713 52064 15275 77476 38702 18201 19004  
 46812 66069 94720 81167 61199 84673 65109 40155 92450 27862  
 42559 69240 18427 17436 00000

**11616/9322 kHz, 29-06, 0400/0430 UTC**

480 716 54  
 88496 44800 68367 41698 37016 37904 93766 04701 15179 60012  
 38404 86564 48782 54046 11592 82351 60690 47088 37589 32575  
 94530 37634 35604 41939 02171 01688 94028 69281 37138 78644  
 43605 12131 81195 22896 59199 34340 76241 32096 44876 10221  
 38735 88024 81969 83621 48823 60984 44819 65367 31366 33672  
 13877 17586 71044 45458 00000

Test transmissions

**Logs and comments by PY.**

**9463 kHz, 01-06, 0735 UTC**

801 (R4m) 276 52  
 18207 [4s silence] 86763  
 [20s silence] 801 (R1m15s) 276 52

18207 86763 14814 29843 46206 95644 13701 46990 96953 31772  
92894 68854 01287 56138 66415 85833 87636 68104 92083 67072  
76995 23975 83126 12288 10790 20117 42554 17361 47605 20328  
18716 45891 89689 32117 05493 23891 25189 61614 35547 99815  
97031  
[17s silence] 801 (R1m15s) [1s silence] 801 (R1m15s)  
25189 61614 35547 99815  
97030 (group corrected) 01763  
[17s silence] 801801801801801 80- [12s silence] 80180-  
[30s silence] 801 (R1m)  
61614 35547 99815  
97030 01763 40089 37107 34422 33520 73573 31452 07861 44712  
26780 69932  
276 52 00000

Full recomposed message:

801 276 52  
18207 86763 14814 29843 46206 95644 13701 46990 96953 31772  
92894 68854 01287 56138 66415 85833 87636 68104 92083 67072  
76995 23975 83126 12288 10790 20117 42554 17361 47605 20328  
18716 45891 89689 32117 05493 23891 25189 61614 35547 99815  
97030 01763 40089 37107 34422 33520 73573 31452 07861 44712  
26780 69932  
276 52 00000

**10755 kHz, 02-06, 0640 UTC. Windows XP system sound**

**10755 kHz, 02-06, 0655 UTC**

975 (R2m15s)  
[12s silence] -75 975 (R1m40s) 324 60  
27790 86731 71600 81913 64239 59181 23039 75980 73526 73332  
97131 86845 48517 44865 03983 98601 52514 79520 93476 41504  
15978 00471 10837 63528 63030 24602 96819 25061 53692 17416  
80963 58931 52769  
[40s silence] 975 (R1m10s)  
25061 53692 17416  
80963 58931 52769 81234 41353 62959 61339 56387 29317 17205  
71777 40078 82512 43123 32252 52613 74814 46794 31629 05686  
76471 13422 40729 52388 22948 45291 70859 23660 15889 60374  
324 60 00000

Full recomposed message:

975 324 60  
27790 86731 71600 81913 64239 59181 23039 75980 73526 73332  
97131 86845 48517 44865 03983 98601 52514 79520 93476 41504  
15978 00471 10837 63528 63030 24602 96819 25061 53692 17416  
80963 58931 52769 81234 41353 62959 61339 56387 29317 17205  
71777 40078 82512 43123 32252 52613 74814 46794 31629 05686  
76471 13422 40729 52388 22948 45291 70859 23660 15889 60374  
324 60 00000

**11073 kHz, 03-06, 0725 UTC**

352 (R4m15s) 487 41  
13290 45280 35155 81625 61891 39908 24120 94143 05832 80730  
05596 47248 94413 11106 55636 92469 16610 07511 89704 47531  
38066 58318  
[40s silence] 352 (R2m55s) [1s silence] 352 (R1m20s)  
07511 89704 47531  
38066 58308 (group corrected) 25317 53305 04618 75089 07277 43748 10733 28586  
56451 33520 56348 26664 28014 52963 40510 76256 90105 85130  
65279  
487 41 352 (R1m) 894 11  
65227 63251- [4s silence] 10563  
[7s silence] 352 (R10s) [7s silence] 352 (R1m) 894 11

65227 63251 10563 57143 85380 54448 20187 80762 17611 69382  
79272  
894 11 00000

Full recomposed messages:

352 487 41  
13290 45280 35155 81625 61891 39908 24120 94143 05832 80730  
05596 47248 94413 11106 55636 92469 16610 07511 89704 47531  
38066 58308 25317 53305 04618 75089 07277 43748 10733 28586  
56451 33520 56348 26664 28014 52963 40510 76256 90105 85130  
65279  
487 41  
352 894 11  
65227 63251 10563 57143 85380 54448 20187 80762 17611 69382  
79272  
894 11 00000

"Then one of the weirdest sessions ever", says PY. "It used J3E LSB to begin with, except when it sent some unmodulated carrier during the TX setup, and when it switched to USB for just a group in the middle of the transmission. And then I'm not even sure what messages to try and recombine from that."

10756 kHz, 09-06, 1239 UTC. Unmodulated carrier during an instant  
10755 kHz, 09-06, 1239 UTC. Unmodulated carrier during 10s  
10755 kHz, 09-06, 1239 UTC. J3E LSB "975" four times, with long pauses in between  
10756 kHz, 09-06, 1239 UTC. Unmodulated carrier during 2s  
10755 kHz, 09-06, 1239 UTC. Unmodulated carrier during 1m10s  
10756 kHz, 09-06, 1239 UTC. Unmodulated carrier during an instant  
10755 kHz, 09-06, 1239 UTC. Unmodulated carrier during 3s  
10755 kHz, 09-06, 1241 UTC. J3E LSB, faster pacing

#### **10755 kHz, 09-06, 1241 UTC**

975 (R4m) 253 25  
19589 79062 85471 8  
[6s silence] 975 (R20s)  
19589 79162 (group corrected) 85471 82258 25861 3640  
975 (R13s) 253 25 00000 (unpaired) [18s silence]  
79162 85471 82258 00000 (unpaired) 36409  
975 (R13s) 253 25 00000 (unpaired) [45s silence] 975 [2s silence]  
19589 79162 8547  
975 975 253 25 00000 (unpaired) [3s silence] 975 (R15s) [14s silence]  
79162 85471 82258 00000 (paired) 28424 74814 5689  
975 975 975  
79162  
[1s silence] 975 (R25s) 97- [4s silence, switching to J3E USB] 975  
[3s silence, switching back to J3E LSB] 975 [15s silence] 975 975 975  
79162 85471 82258 00000 (paired) 28424 74814 56890  
79162 85471 82258 00000 (paired) 28424 74814  
975 (R20s)  
85471 82258 12445 12445  
975 (R15s)  
82258 00000 (paired) 11111 11111 56890 70955 13905  
22585 27936 91150 91718 54196  
975 975 975 253 25 00000 (unpaired)  
79162 00000 (unpaired) 82258 00000 (paired) 11111 11111  
[20s silence] 975 975 975 2651946849849784975 975 975  
2651946849849784975 975 [30s silence] 975 (R40s) 00000 (unpaired)  
[3s silence] 00000 (unpaired) [7s silence] 975 (R20s)  
70955 13905 22585 279  
[15s silence] 975 975 97 975 975 975 00000 (unpaired)  
79162 00000 (unpaired) 82258 00000 (paired) 11111 11111 56890 70955 13905  
22585  
975 975 975 456 5  
11431



975 975  
29445  
253 25 975 (R1m) 456 5  
11431

## **S11a**

### **12457 kHz, 07-06/10-06, 1850 UTC**

281/38 Vnimanije

50496 48481 93716 49654 19149 32869 51303 53574 95233 00126  
11382 16315 21421 72252 61418 34638 51558 68638 56207 05039  
53922 11741 05593 79514 48402 92354 42257 28281 51586 25617  
38950 08418 87027 31808 33152 61983 68162 60407

Vnimanije (message repeated) Konets

### **5149 kHz, 10-06/11-06, 0830 UTC**

376/34 Vnimanije

52497 31192 30537 04391 75243 35397 72811 60371 65203 94417  
63067 14778 35275 96401 80001 20129 29568 15208 58456 64640  
41841 50796 96871 17238 44402 38780 53888 08043 14571 19959  
22448 51956 89899 68503

Vnimanije (message repeated) Konets

### **13537 kHz, 12-06/14-06, 0510 UTC**

655/40 Vnimanije

03696 50847 13462 01987 23273 80707 67543 73524 12719 03325  
77233 51494 62711 07214 63715 32425 27132 18949 97379 48809  
21972 17387 43951 02664 75146 49774 59708 42371 80038 66401  
83105 29613 71826 94974 08600 94857 85824 92816 55218 84084

Vnimanije (message repeated) Konets

### **9448 kHz, 13-06/16-06, 1400 UTC**

424/33 Vnimanije

64383 90335 29194 08373 02688 98075 83944 32259 50183 15281  
39318 67722 45226 43988 92169 27649 58429 17913 89209 08272  
22580 30134 97352 54809 44722 75877 46156 63769 69800 29061  
01627 86116 58479

Vnimanije (message repeated) Konets

### **9339 kHz, 19-06/22-06, 0700 UTC**

472/35 Vnimanije

83389 83199 18873 73859 88119 81362 76136 58479 37689 37356  
66647 48849 05323 48624 47058 86492 07661 15421 21248 26720  
78498 20203 27189 36918 66845 86839 62359 93885 56847 27311  
17722 81140 51842 07376 01224

Vnimanije (message repeated) Konets

### **6814 kHz, 19-06/23-06, 0915 UTC**

480/35 Vnimanije

05964 88611 35903 86106 57234 64061 83093 63432 22453 83844  
40341 95107 28350 95508 42929 63075 69821 64852 33265 77445  
27592 00841 94820 77447 86696 98224 82148 29347 92681 04818  
03309 55399 05835 88653 56368

Vnimanije (message repeated) Konets

### **9968 kHz, 20-06/22-06, 0445 UTC**

790/37 Vnimanije

90741 83059 71878 31476 97344 54822 78643 09598 23873 13756  
98889 29305 37095 90930 58596 24609 42871 35112 30524 36892  
95273 56056 55096 36096 13314 18075 38503 52372 99185 94273  
90811 17879 37279 22473 20370 02569 95209

Vnimanije (message repeated) Konets

**20905 kHz, 28-06/30-06, 0725 UTC**

381/37 Vnmaniye

95421 31014 52322 25941 27271 77563 82437 63968 99132 18888  
17632 44587 33900 54065 11880 43919 88352 42902 94516 42560  
95168 23616 48203 82320 49152 94893 72700 56029 02484 32137  
55778 39846 23504 88235 36000 81604 15245

Vnmaniye (message repeated) Konets

## V07

**13927/13427/12127 kHz, 11-06, 0700/0720/0740 UTC**

942 942 942 1 402 90 402 90

35429 68663 01610 00481 60586 45311 65292 65044 08650 48022  
51043 56779 57317 79434 93244 61505 84519 29205 65914 46315  
78301 54260 66402 77541 69664 86022 20438 64894 56845 82826  
43145 51685 16874 26536 93680 34536 94111 90357 51820 47816  
38970 94603 38721 19749 73673 87970 26987 99847 82609 72078  
06578 46830 92527 16378 25422 38935 46498 86470 84701 57482  
54643 19261 16905 07628 45327 60641 84003 45497 76480 95532  
85393 51316 33971 09845 61726 62353 83445 33665 70154 85087  
66165 73006 81469 80444 38029 29642 34806 57163 16259 78478  
000 000

**13927/13427/12127 kHz, 25-06, 0700/0720/0740 UTC**

942 942 942 1 894 102 894 102

20815 41191 67075 23056 07101 21090 44463 01183 29613 22269  
08782 88159 73569 07272 46077 90893 94892 41629 01181 25283  
43499 24926 28785 06305 68545 30552 60604 81832 61798 74434  
17295 52104 11142 35165 81920 31731 38985 03792 93423 98043  
28889 24141 02557 61354 42528 48728 99539 66865 94509 83597  
96344 24296 38733 66372 80568 29677 72331 25442 32303 65177  
78858 89961 74306 59710 68232 84886 62204 46634 94099 27444  
04880 86241 63565 82767 68392 25734 57455 12622 43284 85656  
47126 11306 62648 18968 02179 26634 71697 75929 06179 51681  
00725 17028 75026 19547 07662 45685 41750 92432 01678 41956  
92994 11189 000 000

## VC03 - Chinese Air Defense

**11474 kHz, 12-06, 0231 UTC. Recorded by Subllo, transcript by VSh.**

in progress

5072 1289 2910 6924 1131 5928 2370 2071 8130  
2793 1450 8371 8540 1597 1095 3247 8539 7536 4753

88 87

3745 4781 5836 7394 7148 5190 0219 5736 5280 9457  
9182 1598 7162 2476 3052 3207 9854 2859 7853 2948  
7483 5083 7921 1947 6358 2168 5981 6417 6052 5926  
7130 2749 8475 1407 6391 4705 1602 3645 6731 9520  
6710 7035 5820 4072 3506 7031 4570 3765 4650 2356  
7812 3276 4168 6183 9573 8463 3804 1759 5961 8621  
8234 1985 6583 1273 1260 8150 7843 4724 8204 5950  
6347 2439 3732 2179 8265 7025 7945 2386 7529 3684  
7346 2964 3910 6205 5490 5109 3810 1620 1560 7456  
2683

88

90 90 (x3)

無事，無事！ (Wúshì, wúshì! – Nothing Nothing! = No further messages)

50 50 (x2)

14522 kHz, 20-06, 1038 UTC. Recorded by EW, transcript by VSh.

4197 1580 0356 0591 3297 1062 9504

26 2528 1144 25 6594 26 23

2344 25 9045 26 2928

41 3344 25 2367 4928

???

## MORSE STATIONS

### M01

5280 kHz, 13-06, 1800 UTC

025 853 853 30 30 = =

48290 58149 35826 29478 81402 49205 18492 49385 73915 02718

37194 49302 48159 38210 56718 95371 51987 90571 13824 86524

94135 78351 25083 42091 60529 86140 43569 07815 13975 24081

= = 53 853 30 30 000

4903 kHz, 13-06, 2000 UTC

025 482 482 30 30 = =

75384 94567 23965 09235 63718 34859 23670 43814 26490 17389

52367 14780 34628 23790 12679 56790 23567 14583 73910 56180

95034 56104 34829 43195 67823 45189 62850 25849 71239 15217

= = 482 482 30 30 000

5280 kHz, 20-06, 1800 UTC

025 515 515 30 30 = =

57687 10988 47465 78900 46453 27678 25345 67687 49890 67587

57576 49098 35423 10988 47566 14232 40909 28766 48757 10989

58769 12321 09877 47567 29876 47656 10989 47565 38767 29837

= = 515 515 30 30 000

5280 kHz, 22-06, 1800 UTC. Different repeats in red

025 903 903 30 30 = =

90121 89232 78343 67454 09545 12090 23989 23898 34878 45676 09121

87242 90525 78909 65989 90131 78535 89010 23454 90858 91080

12090 23989 34878 45676 45767 90121 89232 79434 01929 01922 90163

= = 903 903 30 30 000

4903 kHz, 27-06, 2000 UTC. 340 30 sent once

025 340 30 = =

82910 83742 91754 83930 04802 91750 85408 91805 91044 71664

63991 94722 90045 91854 85727 81995 01990 93861 81774 74821

88341 82438 91066 72894 81742 (81745) 81770 81900 03887 27411 84701

= = 340 30 000

4903 kHz, 29-06, 2000 UTC

025 315 315 30 30 = =

37819 49280 56724 48291 48910 46723 58910 45381 47891 36781

74839 27891 47832 98745 37810 38926 45819 38729 48950 25618

56792 45623 19856 38957 37819 56714 89341 90823 56184 49309

= = 315 315 30 30 000

### M01a

8088 kHz, 13-06, 0827 UTC

678 678

678 678 51019 51019

## M12

13875/13475 kHz, 0320/0340 UTC

### 13875/13475 kHz, 03-06, 0320/0340 UTC

984 984 984 1 7263 144 7263 144  
21508 38760 00279 48962 66911 71416 86065 47409 05283 83162  
75933 24978 39852 02811 41387 78450 61501 25124 40126 05675  
84701 46710 34166 94382 84809 63562 41550 00276 25085 79209  
10606 99811 36593 05696 65145 08538 37507 78418 61250 02109  
84650 36975 98459 07637 62876 72061 03026 14568 93372 35978  
01082 67533 23781 90061 15471 35130 97745 76987 60805 48859  
44975 17473 60914 59979 63904 06567 91062 23503 60550 13967  
20796 86927 27269 25444 87580 37942 51428 76202 28654 79365  
89051 76708 19664 69013 96529 97304 85372 46805 54807 20508  
65805 82119 03526 13290 54590 45042 44327 03547 56154 28486  
22058 18106 76908 34658 78292 49812 67463 96050 49511 89756  
69283 27796 64104 15082 54742 12768 90162 99025 10738 21221  
60532 48266 94806 17129 50768 36577 71727 88587 30577 99316  
75454 29101 42546 30998 46518 03374 61779 41036 55271 94039  
38313 05759 35184 62643 000 000

11144/10544/9344 kHz, 2100/2120/2140 UTC

### 11144/10544/9344 kHz, 03-06, 2100/2120/2140 UTC

153 153 153 1 2523 202 2523 202  
01930 89698 88007 37298 85600 25671 09642 75539 55338 74196  
73503 45762 61750 85968 26693 87244 09568 69669 00992 51282  
90078 25786 54869 58083 60311 39701 00849 81657 10137 02665  
31787 08223 87963 94842 73748 61581 06780 50638 25102 20670  
84191 19016 55910 88884 05924 43597 24890 41396 73496 12898  
90618 49276 86691 84008 68065 47928 80367 39620 47572 84212  
70876 34171 20986 07497 62700 25766 93348 21696 11775 36071  
55889 28611 23413 96254 43182 66406 33302 94701 51780 51410  
89687 61668 81774 03290 12843 46347 69750 89183 26871 59548  
42631 09845 05209 32563 11067 82896 05405 68500 27668 19978  
27478 84464 65006 17779 12137 03237 16146 95005 87333 45599  
30752 64871 39253 65938 00918 49951 01033 94750 12764 06385  
79960 35654 89938 78645 65177 05224 28113 07382 95328 25630  
09763 00876 79066 41303 16819 06L19 88820 52792 00269 01755  
99019 58738 29856 09134 04422 63747 26709 60995 34167 78437  
16097 02780 75652 10398 05282 26681 73407 52754 53761 82405  
25868 32888 67409 05921 67906 95800 21847 29549 66523 96953  
32599 54751 63847 29567 46226 77583 01159 55401 85893 69047  
46834 32762 46046 00321 74234 16081 85351 17123 00639 79391  
40942 26353 75240 46406 29247 35430 75923 56665 05084 16206  
61832 74662 000 000

### 11144/10544/9344 kHz, 09-06/10-06/16-06/17-06, 2100/2120/2140 UTC

153 153 153 1 8239 112 8239 112  
39253 03155 09450 69640 88350 55629 72481 99484 30249 29454  
78090 64052 36940 86583 14981 59123 63793 21741 96805 51811  
18756 81028 73593 95812 15674 15173 88079 94008 04874 78884  
43860 52836 33237 26400 89973 04066 83018 81485 02549 73832  
39935 55036 05409 26860 18888 96424 07352 39215 39274 54633  
76846 34804 27359 43107 27859 93359 71253 58276 17054 32729  
38918 25377 37940 61082 15083 44896 30769 55330 57985 47337  
95829 64295 14974 91588 83036 37840 03264 06777 14479 26284  
11518 23251 67134 34335 84619 48873 81553 86977 94551 06102  
78975 61885 42384 93335 97283 36326 68582 72128 03746 36557  
19160 74417 30208 57337 91703 46531 95898 63655 54190 38214  
01010 68638 000 000

**11144/10544/9344 kHz, 23-06/24-06/30-06, 2100/2120/2140 UTC**

153 153 153 1 3002 88 3002 88  
03044 83876 15732 83395 62004 26039 95035 66392 33065 07640  
83488 18395 26731 98939 09594 22566 77103 06087 38282 68523  
23397 73138 22906 98840 70083 38418 06195 57864 44836 07610  
12651 28065 33970 54929 42863 88566 99057 33173 82054 48726  
04396 98321 59916 58930 19690 19080 83039 80212 15862 09190  
28057 39025 43728 90193 73772 18341 75584 25151 55461 36392  
24589 03260 35220 98348 29002 10202 69869 05693 27800 87641  
28365 48145 71750 95074 97688 55957 63016 99049 88179 18417  
83207 88145 20248 12720 85695 59045 55658 63128 000 000

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

**13386/12189/11491 kHz, 08-06, 1110/1130/1150 UTC**

725 725 725 1 1105 97 1105 97  
67242 77732 76720 89311 70539 73717 67139 61244 97162 53747  
57760 51845 39565 05323 66861 99803 36341 99533 52780 02512  
00410 98040 63802 76145 00088 48961 74673 31132 09027 13663  
31151 99636 08433 26078 54715 19716 11328 63163 35861 25795  
52987 83900 02565 85146 85434 96002 62751 82449 34163 10212  
63226 08638 22873 74956 60643 43893 94975 29591 95167 15326  
71645 67891 60698 83111 78047 09962 90535 87419 51674 98189  
84108 80274 77162 54330 18926 52398 17174 58447 74672 70949  
45788 94943 57393 96327 69962 61298 43803 69294 09011 91732  
07672 45161 72958 29356 03376 79842 54877 000 000

**13386/12189/11491 kHz, 15-06, 1110/1130/1150 UTC**

725 725 725 1 1279 92 1279 92  
56560 38066 37937 40210 46512 28000 37609 65892 51878 33200  
91127 80447 48053 60841 81294 28838 85901 15430 51417 71231  
24892 79184 01068 88941 06535 67127 06515 47083 23580 41828  
81711 68545 07914 46804 18119 60731 48838 98309 52622 44446  
72786 09625 50121 19624 52818 91984 26363 21067 91143 50311  
57190 53597 80872 96599 09955 30383 98879 44468 86088 83414  
85420 68637 40758 01178 42911 48067 96135 43663 67193 78407  
72730 56316 77967 88404 65432 60973 53080 78839 70595 88525  
94460 17003 46571 47059 99016 69583 85723 09488 95794 15781  
17925 93294 000 000

**13386/12189/11491 kHz, 22-06, 1110/1130/1150 UTC**

725 725 725 1 3832 99 3832 99  
47225 70186 32771 45068 20146 23847 53658 43792 54146 07014  
49667 45863 31601 05297 07042 88785 43703 66073 95165 37035  
55033 68239 57008 03674 45458 46469 07420 92467 83688 15188  
91381 90458 03648 72798 79996 08577 95679 84610 97987 46100  
87190 02310 15788 57849 36589 90121 37568 23679 60419 40191  
78707 11201 00106 39096 10143 22485 88204 59496 00659 59445  
49120 76274 96342 18061 34126 13557 37021 97906 87746 36138  
69832 97859 31791 26133 48992 67762 42260 49701 18413 70834  
75804 79815 20224 18086 29012 54864 59315 84223 50559 05162  
80962 75678 30269 36176 76751 23421 93235 59697 37439 000 000

**13386/12189/11491 kHz, 29-06, 1110/1130/1150 UTC**

725 725 725 1 8925 96 8925 96  
16280 92271 57688 64311 41436 93301 47770 03427 77171 30635  
48192 01810 59256 89987 39134 70623 87947 56749 94311 74503  
31862 57855 04681 80880 11488 86917 24689 79322 87299 47403  
76701 17973 88682 58894 96562 49593 01989 67577 99583 00464  
69553 00077 22043 78885 82014 90721 34857 05349 66804 79156  
12516 38413 93753 73562 14499 14066 09260 19794 11209 28267  
44525 67614 88743 01152 86520 92306 21492 53913 32545 34878  
17638 78325 44641 74727 72919 60166 44515 54004 70759 85038  
96501 97532 77651 08495 23679 64421 00887 78506 89787 93249  
91176 50704 42222 69773 13437 26809 000 000

7857/9157/10457 kHz, 0030/0050/0110 UTC

**7857/9157/10457 kHz, 09-06/13-06, 0030/0050/0110 UTC**

814 814 814 1 6597 51 6597 51  
22362 29138 72889 70320 09252 44979 04008 58647 89610 06749  
06694 52728 49521 93796 53683 76514 40316 97692 31681 33993  
38591 13712 69447 12610 06087 23495 38500 04822 78062 55333  
66738 01322 78510 34997 23792 43376 65441 52304 80258 30814  
25286 49810 80297 60169 81126 88535 83652 78239 62110 51866  
41836 000 000

**7857/9157/10457 kHz, 23-06/27-06, 0030/0050/0110 UTC**

814 814 814 1 621 66 621 66  
88039 27480 19414 15791 34975 24016 39873 82468 58594 44616  
98267 02815 95340 49661 03090 39580 95674 40129 85345 76817  
88565 28124 74092 30995 01775 61626 96373 07887 18169 14725  
44260 06318 02961 22734 79225 73834 74026 46910 99805 38447  
35628 04219 97124 29387 42885 67908 49134 10472 02540 57096  
83062 21960 36678 67567 34681 08187 39672 07054 78123 57924  
42467 62988 22553 00278 46273 74744 000 000

15823/14823/13923 kHz, 1900/1920/1940 UTC

**15823/14823/13923 kHz, 09-06/14-06, 1900/1920/1940 UTC**

889 889 889 1 238 50 238 50  
39635 56736 42284 76080 74394 29371 44935 24256 49361 97378  
12109 58712 80654 98135 76789 65983 66757 18361 39673 84230  
59434 47463 08389 69039 42172 20455 50471 02005 54170 65422  
84804 15948 65870 36556 32633 58786 27933 27077 50981 74576  
93843 62304 90770 06319 57668 50869 91371 92996 87741 61268  
000 000

**15823/14823/13923 kHz, 23-06/28-06, 1900/1920/1940 UTC**

889 889 889 1 1156 29 1156 29  
45173 50556 89858 81389 65098 74608 90990 82955 57442 56890  
55126 60871 60657 46154 55247 38204 93937 51863 22993 11645  
48752 90734 95071 17671 59051 38458 55281 13096 38112 000 000

10216/11516/12216 kHz, 0600/0620/0640 UTC

**10216/11516/12216 kHz, 10-06, 0600/0620/0640 UTC**

252 252 252 1 5570 79 5570 79  
87589 92630 38439 54782 64839 39276 22959 84964 98836 50923  
57468 33430 50613 46571 09433 85640 61634 23435 93430 08672  
01981 18124 68581 56973 92296 40684 63122 99144 75698 34575  
87099 94200 96915 82732 73873 17246 92703 57123 64305 66963  
58949 94559 83801 76239 89056 06070 95792 99288 29700 95964  
17668 74681 39056 08931 00215 57942 92786 36198 99543 32196  
16103 32747 50613 95754 14072 23077 86817 35827 79971 64510  
75716 15649 15603 37878 03124 88725 88651 52722 36363 000 000

**10216/11516/12216 kHz, 21-06/24-06, 0600/0620/0640 UTC**

252 252 252 1 107 45 107 45  
68569 73346 40647 25336 71706 18218 37779 56504 21710 92594  
65489 30177 22895 27938 62061 93414 32667 94305 10942 20282  
54984 40582 75715 09510 57645 27571 69332 32847 57611 06372  
38558 44626 79113 67283 87138 72959 06090 18919 02204 65316  
44639 39506 25010 6513 79783 000 000

14926/14426/13426 kHz, 1600/1620/1540 UTC

**14926/14426/13426 kHz, 11-06, 1600/1620/1640 UTC**

944 944 944 1 6231 73 6231 73  
95126 87208 21985 00951 45269 71253 77027 35821 31811 73398  
28970 26681 73820 67285 10623 40381 82580 84957 30863 26994  
45865 08047 81102 95928 65171 71069 19224 50955 81435 16707  
15971 52285 90538 48748 92391 34066 06008 79889 45859 28623  
41781 27859 65213 29558 05445 27383 81720 15962 20616 40497  
87439 68877 95853 53192 62094 84843 22531 35712 26979 35321  
34929 67015 01029 58492 50039 51117 40875 04544 00979 32407  
83508 28600 51303 000 000

**14926/14426/13426 kHz, 21-06/25-06, 1600/1620/1640 UTC**

944 944 944 1 269 44 269 44  
31320 34063 38993 89481 21192 26124 24134 67976 83707 80163  
26474 87940 91125 99969 96030 62634 55596 72015 23582 31660  
35351 52995 41342 64839 32757 77225 33931 67208 82212 01716  
53044 89345 79644 16568 09244 80928 74497 17055 76231 51327  
03382 58455 94362 00030 000 000

17427/16327/14627 kHz, 1600/1620/1640 UTC

**17427/16327/14627 kHz, 12-06/15-06/19-06/22-06, 1600/1620/1640 UTC**

436 436 436 1 2441 80 2441 80  
42611 77849 38348 02370 38622 69471 68649 80825 99916 56782  
35681 20723 44386 10129 48947 23645 47803 45683 46112 43493  
70442 36606 80462 62236 10754 12936 44384 23626 22937 98272  
57432 46485 94227 99988 45186 23910 07217 56532 02846 68660  
87069 74437 46493 75313 34274 89005 72668 26709 32438 17106  
20962 42729 73094 03871 12556 16118 66117 42614 15942 86203  
50091 84298 77791 66931 04347 01903 17462 76308 39564 95078  
30906 19476 05317 42693 47121 15732 73049 68022 84677 69879  
000 000

13892/13392/11592 kHz, 2000/2020/2040 UTC

**13892/13392/11592 kHz, 08-06/12-06/15-06/19-06, 2000/2020/2040 UTC**

119 119 119 1 442 77 442 77  
69703 51519 98742 77739 81723 53325 55190 39753 98229 54233  
02099 51771 50605 81619 02040 25877 04170 07018 98865 17854  
25222 72421 73781 34365 79017 76275 60261 49491 58821 94357  
36803 82142 72702 84705 56406 33201 44045 47242 87484 12758  
29960 29414 26401 99707 70049 51088 48510 09452 08337 84046  
35174 11111 18258 65686 49882 86332 66547 48740 91304 37648  
64726 46585 91602 13077 14379 77515 38492 98434 24288 85733  
26349 03350 94101 11026 92575 76670 42981 000 000

11435/10598/9327 kHz, 1800/1820/1840 UTC

**11435/10598/9327 kHz, 17-06, 1800/1820/1840 UTC**

938 938 938 1 3361 76 3361 76  
23828 98365 06320 92522 29158 39399 47760 66047 74414 21239  
21513 21235 95460 28683 31154 74016 26996 31622 53787 29701  
34406 09076 70163 35507 02368 94371 77993 72925 31963 42044  
64730 10727 66358 00136 06243 92633 64835 30691 64659 78383  
41683 92291 84490 17905 94229 60756 18899 57005 18682 20747  
98333 98487 94639 95405 37943 17479 52277 25469 63135 61383  
66783 19801 14401 62957 41719 05586 04661 95345 26357 18018  
32708 48693 53030 78892 18504 87238 000 000

**11435/10598/9327 kHz, 24-06, 1800/1820/1840 UTC**

938 938 938 1 7396 73 7396 73  
39111 47926 98770 27298 66278 91771 07218 67394 86192 74619  
01007 77431 39116 16694 53249 95340 54670 87140 83071 84021  
18674 78507 23926 83307 35185 23421 54039 78833 01178 53713  
50047 56712 33391 72638 04067 13400 86395 44653 10710 68150  
27332 10365 21703 70346 36097 96951 32998 12063 40901 03663  
64787 57463 41751 91722 40702 27986 60125 84023 48438 32381  
85458 57764 77596 49503 41488 65318 93068 15639 17485 62464  
37356 71572 03574 000 000

12215 kHz, 0640 UTC

**12215 kHz, 07-06, 0640 UTC**

252 252 252 1 5570 79 5570 79  
87589 92630 38439 54782 64839 39276 22959 84964 98836 50923  
57468 33430 50613 46571 09433 85640 61634 23435 93430 08672  
01981 18124 68581 56973 92296 40684 63122 99144 85698 34575  
87099 94200 96915 82732 73873 17246 92703 57123 64305 66963  
58949 94559 83801 76239 89056 06070 95792 99288 29700 95964  
17668 74681 39056 08931 00215 57942 92786 36198 99543 32196  
16103 32747 50613 95754 14072 23077 86817 35827 79971 64510  
75716 15649 15603 37878 03124 88725 88651 52722 36363 000 000

**M14**

**12211 kHz, 01-06, 0500 UTC**

**10243 kHz, 01-06, 0520 UTC. Carrier only**

952 604 604 51 51 = =  
79429 18700 18599 43030 52091 68082 07259 53167 27500 21390  
18284 46654 66336 70518 27419 68521 75266 31397 05272 71615  
67622 91171 61987 83759 67937 74631 08129 55861 21265 34556  
20174 08180 93221 95682 80085 16908 71690 06971 55381 08290  
06119 81849 19152 52431 45358 31154 33448 74016 59971 18410  
44491  
= = 604 604 51 51 00000

**12211/10243 kHz, 02-06, 0500/0520 UTC**

952 871 871 54 54 = =  
80673 76829 72078 67280 96114 19572 34088 21842 06620 36278  
16927 24686 24537 46565 83121 85585 59436 76882 32848 20146  
37957 78463 87497 36374 80386 28991 91696 13531 38666 41370  
50972 59203 25513 28085 47247 55539 89338 94548 99355 30580  
14658 59896 60771 15627 52676 28664 71720 74578 11735 61773  
07883 16184 62311 20278  
= = 871 871 54 54 00000

**12211 kHz, 05-06, 0506 UTC. Late start. Started i.p. with group 14**

**10243 kHz, 05-06, 0520 UTC**

952 630 630 52 52 = =  
45021 80133 18955 16000 74136 45520 11621 41493 79914 03365  
32645 40677 21418 15278 96499 93005 06444 47845 49168 68708  
62675 97178 34672 80150 88242 10449 46453 57511 23859 15320  
18314 22214 13729 93233 34588 56549 47409 57480 64242 92929  
99820 21991 48592 71202 11586 71793 97313 37475 76891 71057  
72445 82878  
= = 630 630 52 52 00000



**12211/10243 kHz, 06-06, 0500/0520 UTC**

952 874 870 52 52 = =  
92441 29024 78610 96648 46107 58297 11647 04852 50556 39416  
20104 03937 42392 42676 66865 40339 88834 54344 09116 04247  
37174 67688 72254 92941 00266 54189 24693 78547 63996 44613  
01978 22352 27653 74633 53649 02904 13150 74698 11311 50061  
04035 08813 01311 02191 00222 91941 50505 28695 99374 40713  
58509 85055  
= = 874 874 52 52 00000

**12211/10243 kHz, 08-06, 0500/0520 UTC**

952 467 467 52 52 = =  
59014 32157 65508 36680 70790 38489 17117 08050 62143 07115  
16351 68618 06427 32915 53110 20408 51335 17226 23408 65135  
88718 10680 12319 62719 65906 63567 14531 77787 36968 75902  
53431 18853 77358 64386 84665 99858 10374 88448 95103 78766  
18868 02561 33158 52888 40652 27010 31386 15647 71030 54308  
07312 04441  
= = 467 467 52 52 00000

**12211 kHz, 07-06, 0500 UTC.**

**Slow morse. At 0507z restart at normal speed followed by another restart. Continued with group 7**

952 310 310 52 52 = =  
93231 23295 71208 14022 45606 22580 85061 22264 2  
952 (R) 310 310 52 52 = =  
9323 00000 95 (16sec silent)  
952 (R)  
85061 22264 40977 66630 23231 12382 36252 08131 64848 33518  
19598 75191 61860 77422 84796 86889 35513 54593 80700 44307  
50269 57625 96728 01737 88602 28955 70328 47757 75121 75182  
27350 50855 23430 95168 91271 49290 04194 14085 22202 89880  
57823 40611 71616 45404 00236 89459  
= = 310 310 52 52 00000  
(1m.53s silent)  
952 (R 26sec)

**10243 kHz, 07-06, 0520 UTC**

952 310 310 52 52 = =  
93231 23295 71208 14022 45606 22580 85061 22264 40977 66630  
23231 12382 36252 08131 64848 33518 19598 75191 61860 77422  
84796 86889 35513 54593 80700 44307 50269 57625 96728 01737  
88602 28955 70328 47757 75121 75182 27350 50855 23430 95168  
91271 49290 04194 14085 22202 89880 57823 40611 71616 45404  
00236 89459  
= = 310 310 52 52 00000

**12211/10243 kHz, 09-06, 0500/0520 UTC**

952 810 810 63 63 = =  
22076 21752 33499 69623 15059 80589 96423 23536 59092 63235  
72731 73893 22064 69456 37895 56238 47576 21733 01655 80969  
71102 89788 49422 34097 92490 96858 92365 21448 65749 12384  
49636 73507 92064 60816 11154 53154 26966 01233 54394 33266  
37600 57423 13625 36727 71033 03170 25015 55686 19528 32380  
96062 92455 93730 68772 72777 89160 39708 94799 03050 38363  
60765 04504 19657  
= = 810 810 63 63 00000

**12-6: Day of Russia. No M14 transmissions**

**12211/10243 kHz, 13-06, 0500/0520 UTC**

952 36 436 52 52 = =  
22076 21752 33499 69623 15059 80589 96423 23536 59092 63235  
72731 73893 22064 69456 37895 56238 47576 21733 01655 80969  
71102 89788 49422 34097 92490 96858 92365 21448 65749 12384  
49636 73517 92064 60816 11154 53154 26966 01233 54394 33266  
37600 57423 13625 36727 71033 03170 25015 55686 19528 32380  
96062 92455  
= = 436 436 52 52 00000

**12211/10243 kHz, 14-06, 0500/0520 UTC**

952 178 178 60 60 = =  
99388 96085 09257 95038 06115 10075 86347 43078 93517 54496  
02423 77970 63910 02806 09213 55614 57990 39528 09492 65628  
77639 17988 64487 62182 08815 18534 03743 07030 05479 11930  
60853 41942 20502 57625 83512 32717 94476 91554 91327 51965  
38372 83198 79808 92840 70985 66550 93999 30946 97104 74709  
20175 76510 37339 32769 69028 84161 45544 88693 48817 12348  
= = 178 178 60 60 00000

**12211/10243 kHz, 15-06, 0500/0520 UTC**

952 340 340 61 61 = =  
87032 37385 41630 88778 96636 34046 24295 79672 42769 42047  
46228 75042 28496 16937 61215 99055 25908 50386 58744 29803  
53650 51609 39835 22163 10019 06605 82023 76475 35072 82426  
29437 32701 00169 68655 68919 94754 48391 73266 78115 14704  
34290 15080 56472 91516 36377 79979 75085 64050 40805 33090  
06335 02963 19689 04100 19236 31239 52483 87910 51458 28021  
63865  
= = 340 340 61 61 00000

**12211/10243 kHz, 16-06, 0500/0520 UTC**

952 671 671 52 52 = =  
52002 92738 03879 17101 97004 21488 73615 32361 89290 78366  
12908 91499 39289 04466 46911 93801 85978 82458 02838 19551  
26844 55103 46210 30021 11589 62588 11343 38660 91810 59665  
30762 76909 43828 98505 93221 03081 06831 88211 85041 27741  
03552 66935 94413 54039 35646 47524 83397 56409 70967 22641  
57275 46094  
= = 671 671 52 52 00000

**12211 kHz, 19-06, 0500 UTC, FSK CW**

**10243 kHz, 19-06, 0520 UTC. Unreadable. Inverted morse**

952 840 840 65 65 = =  
15298 19932 41161 48864 76429 90893 28254 74547 99986 04595  
77403 28907 41693 96951 29704 99906 28848 16838 66400 53219  
62050 03461 39570 04385 69764 27917 23607 94980 82891 34830  
67194 71223 21560 45031 50448 88459 11306 05217 76932 89967  
70831 95503 55215 33510 38544 30841 49672 64086 30037 17208  
05212 56306 43730 48528 75611 74836 56830 55252 10159 26343  
78820 40525 78278 01383 54648  
= = 840 840 65 65 00000

**12211 kHz, 20-06, 0500 UTC. Unreadable. Inverted morse. Off at 0509z**

**10243 kHz, 20-06, 0520 UTC**

952 637 637 54 54 = =  
41258 54351 17694 60436 12544 31172 70462 01096 67391 00578  
80341 99822 82980 64752 14682 50477 89127 50388 70004 25974  
76945 20739 76023 17145 86897 84644 84532 95916 18438 13468  
97837 76242 28416 01886 16436 71224 10443 33451 10613 69864  
72397 36890 45658 81884 54268 44056 15378 24047 53513 85476  
63598 46417 50127 84441  
= = 637 637 54 54 00000

**12211/10243 kHz, 21-06, 0500/0520 UTC**

952 814 814 59 59 = =  
66344 88471 15306 76400 71102 88840 14010 24050 29112 23300  
36414 26723 96425 33035 67996 84637 13276 89876 96316 52564  
13341 36415 80297 29973 93273 27375 25853 82934 40916 64442  
28804 02434 45647 41750 71009 28806 39291 44181 80669 96967  
41037 65697 92714 82139 04794 39882 70240 50742 92424 99860  
72903 46157 21305 09823 83238 64039 59622 35296 26816  
= = 814 814 59 59 00000

**12211 kHz, 22-06, 0500 UTC.**

952 (R4m) off. Back at 0510z in CW. Stuttering signal, several breaks, off. Back at 0512z. Sent gr 1, off again and back with gr 10.

**10243 kHz, 22-06, 0520 UTC**

952 670 760 53 53 = =  
96627 39833 11871 33081 74140 29035 49156 91422 03072 47986  
56325 93906 71636 86281 98896 30897 20500 66464 60658 51670  
22778 62770 31131 70512 58269 91068 48999 52599 86620 93417  
18683 65603 49104 65702 42235 07961 53693 01768 33772 49733  
23126 52490 08597 47002 10649 23238 64226 15747 13121 58140  
95496 76120 36165  
= = 670 670 53 53 00000

**12211/10243 kHz, 23-06, 0500/0520 UTC**

952 483 483 61 61 = =  
61154 87481 19076 83416 94789 14195 19834 95703 61516 88240  
61960 14968 46589 85389 46761 34910 29425 32285 30264 24814  
77120 42803 48829 76316 72060 24842 96801 10437 40793 93447  
35906 43288 76365 51224 41063 33927 71297 21978 12326 62761  
03391 48507 07607 13971 41561 90498 75906 60360 63871 83459  
95706 74096 04963 44615 48231 11764 75068 36724 80256 47164  
17793  
= = 483 483 61 61 00000

**12211 kHz, 26-06, 0500 UTC. Started in slow morse, then a carrier followed by the rest of the preamble**

**10243 kHz, 26-06, 0523 UTC. Late start**

952 107 107 56 56 = =  
82858 79190 92481 19371 92348 56638 33920 18555 53186 10330  
74400 03624 04672 62418 27985 36378 88200 56878 74481 90535  
20775 95776 84556 96060 10398 85021 92212 20312 55553 00515  
69321 59441 95963 10660 81893 38486 06791 16144 32766 43590  
53491 92958 20417 34788 49500 49563 68568 12800 83934 34160  
06286 38259 11508 52992 03250 26826  
= = 107 107 56 56 00000

**12211/10243 kHz, 27-06, 0500/0520 UTC**

952 368 368 57 57 = =  
07710 55208 73175 34862 74821 18696 15720 00345 02265 37234  
20770 16203 78651 24847 88309 06655 21521 26536 04844 86713  
93426 67440 32965 28792 28659 55228 67035 59854 12811 46639  
09674 62591 82349 14128 48720 79022 36409 73547 39390 39980  
77964 58799 21282 68919 26599 54394 24937 33465 70034 21865  
47642 43169 46620 80960 03152 16880 75966  
= = 368 368 57 57 00000

**12211/10243 kHz, 28-06, 0500/0520 UTC**

952 410 410 57 57 = =  
92402 22943 55519 26492 90399 23037 16199 79261 42806 36369  
81846 14852 19527 23871 89133 51655 62687 22022 24732 19384  
77665 16768 88657 44566 04302 18321 62017 58008 97970 85270  
21336 35170 75206 71456 66644 05388 03566 94026 55536 90882  
40413 46129 60367 61487 50323 02664 90758 16041 55782 92545  
48693 26373 00881 35902 08222 04831 32675  
= = 410 410 57 57 00000

12211 kHz, 29-06, 0505 UTC. Late start. Inverted morse, then carrier only. Off at 0507z  
10243 kHz, 29-06, 0520 UTC. No transmission

12211/10243 kHz, 30-06, 0500/0520 UTC  
No transmissions

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

6421.5 kHz, 13-06, 0818 UTC

=14356470894320  
=14295470817420  
=991121??8?????  
=24295902070703  
=14296470677220  
=24296901070712  
=14356516058922  
=14295470819822  
=14296470676122  
=991132??8?????

## M51a / M51b

M51b: 3881//6825 kHz, 18-06, 0625 UTC. Non-stop 5 character groups composed of M51a messages

HNDJS XVWBZ QKPAH DJNCJ RTSHZ UJQKZ 63829 UJDGC VVKZO ALKFG  
JKDUJ NXVDG ZUJDL SMQOZ SBXCF DGHLE DGSHZ WJQKR DGVFH CNXJR  
UJDBC OLRTS WJQKA ZOKDL 46372 BXNWJ SJQKZ AOLPF GCBXJ SKZUY  
PMJHF BCVRT DYZKP SKZPI KUJFH XVCGC XHNDJ RUGHS ZKQMP ZUJDG  
OYHFG CBXKR SGZUJ SKQIK ZUJPS HXBCH NBVJT 84735 HBCJD XNSJR  
PJBLR DMSKN WNQKP DHBCK RTDGS PLHJR DGCJZ SJZUC VVKJH

HBCJX NWHSE ATSGQ JKWLA MQPOI AKOSL QJNUR DTGSF CXHWU ZJQKA  
GDJSU 45632 ZIJSK XNBWJ 76018 HNDJX CHTYD QJKAL WNJKQ MALIK  
IKJQN CXFDR WHNQJ AKJQL KIJDH BXVSF ZTAYH SJNHJ RYGDW DFSGD  
JWNYH FKSQK LAMPO BHODF XHOSL EYTSF 35263 HSNWJ QKAJU OLAPM  
HNDJS VWGRT SHQJA 6537/ HBXJD WNQJA UHGDT GDOLQ GBCHX WNQJU  
CGDHA JQKAO LQMAO JNVGD XCWVQ HBWJA UHYGT RFSJQ GBCHX WNQJA  
QGDJS WNHYR JKSLQ AOLKJ BCJFG XVDGR SYHZU OLQJH BCJOD XCSLA  
WLWLW DGBUS 53762 QHNWJ AOLJK FGCHS GKQLZ OLQMW BXNDG ZRSDO  
LAMPK HBCJD XIJXK UJSOK 65038 MAHDG XCFSK QLAIU HDJSK QMAPI  
UJDGB XGDVR ZTGSU AJQKL PAMKF IAHOH DGXVS HNWOR ZTSFA KLQMA  
OKIHU YGFTR 10964 BCNDH XJQKE SIKAP UJDLQ BWNER ZYHSI QKALM  
WMAPL WNCVF PMAUJ YHTGR CGDTR 45393 NXHRT

M51a: 3881//6825 kHz, 18-06, 0700 UTC

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

DIMANCHE 6/LEÇON NUMÉRO 1/1 VITESSE 420 CODÉ =  
XMNAI LPOQI CBSNH ZAQID VNFJE MBKIR NVBDH MXKSI LFPRO 20189  
XAQEF .,=?' EIRCJ ZNSJQ LFEOD CXNSM ZAWIJ XNBSQ AQPOE CNDJW  
45203 LBKPR .,ASVA? XSJWL SMWID LSPOW AQNXH XWOSD NCBSH MLPOJ  
ZWUDH 78391 XARSH ?.VA' BCDHJ AQBXU XVWUH NCMSJ SWIEU XZNAK  
LPIAJ MZNQD 45501 CJFKL ?.AS' AQPOC ZXMSK SWPOI AQLPM CBSHW  
XBSUA ZALQO CNEUH 17890 NCGDI .?/+VA ZAQLP EIUJN XZASQ NCBSW  
.,/'? NVUEI 25631 CNDJW LBPOD XNAHQ ZQLDO NCJDS XMCKD ALODW  
XNSGW 36479 VFKEN .VA/'? ZALJV CNWBH SWPLD XBSJA +

DIMANCHE 6/LEÇON NUMÉRO 2/1 VITESSE 420 CLAIR =

VOILÀ MAINTENANT PLUS DE 21 ANS QUE LE CROSS DU SERVICE DES ESSENCES DES ARMÉES RÉUNIT PLUS D'UNE CENTAINE DE CONCURRENTS SUR SA LIGNE DE DÉPART. L'OCCASION POUR LES PERSONNELS DE DIVERS HORIZONS DE PROFITER D'UN MOMENT DE PARTAGE ET DE CONVIVIALITÉ AUTOUR DE CET ÉVÉNEMENT SPORTIF ATTENDU. MATIN DU 11 MAI 2012, LE COMPTE À REBOURS A COMMENCÉ, LES PARTICIPANTS ATTENDENT AVEC IMPATIENCE LE DÉPART DE NOTRE ÉPREUVE NATIONALE QUI RASSEMBLE UNE FOULE HÉTÉROCLITE, COMPOSÉE DE MEMBRES DU SEA, DE L'ARMÉE DE TERRE, DE LA GENDARMERIE ET DE PERSONNELS CIVILS. 8H45, C'EST PARTI. +

CQ DE FAV22 VA

## M89 - Chinese Military

**5028 kHz, 01-06, 1125 UTC, i.p.**

A457 34UA 657A TA7D N7TT TN6D DTUD ...

AR K

NR 8031 K

NR 8031 K

R CK 85 K

R NIL SK

**5145 kHz, 01-06, 1103 UTC, i.p.**

R HR WK NR K2011 K

OK

R AS

VV H52K DE LIX7 K

R P2DL DE T2JQ QSA . QSA ?

R QSA 3 IEC = X25D AR K (Exercise related)

R = SLE8AN HR WK NR 002051 K

R HR WK NR K2011 K

R OK K

R AS

VV 8LFN DE LIX7 K

P2DL DE ... QSA ..

R QSA 3 IEC = N6XA AR

R = ATSX AR HR WK NR K2062 K

R HR WK NR K2011 K

OK AS

VV 7LSK DE LIX7 K

P2DL DE ...K QSA ?

R QSA 3 IEC = ..8 AR K

R ..= AR

HR WK NR K2071 K

R HR WK NR K2011 K

R OK K

R AS

VVV IW9D DE LIX7 K

P2DL DE 9YWK QSA 3 QSA ? K

R QSA 3 IEC = ATSX AR K

R = AFWA AR HR WK NR 63083 K

R HR WK NR K2011 K

OK

R AS

VV N63G DE LIX7 K

DP2DL DE RM4D QSA 2 K

R QSA 3 IEC = W73S AR K

R = 2YB5 AR HR WK NR K2090 K

R RPT K

= 2YB5 AR HR WK NR K2091 K

R HR WK NR K2011 K

OK K

R AS

VV JKWJ DE LIX7 K

DE XH24 QSA 3 QSA ? K

R QSA 3 IEC UFWA AR K

R = V8XB AR HR WK NR K2102 K

R HR WK NR K 2011 K

R K

R AS

HR 7G GA HR 7G GA

7G NR 0051 CK 81 49 0601 1900 RMKS CQ =

A657 6U54 357T 4TD3 6UT4 T7ND 5TD6 D5A3 5U36 DUA3 4364 36AU D6UA TT75 NTD7 ...

**5233 kHz, 01-06, 1207 UTC, i.p.**

/EX 2006 =  
XT3,/FM4J  
NR 1166/EX 2006 =  
..36/FM4J  
QSY 08 QSY 08 VVV

**5561 kHz, 01-06, 1213 UTC, i.p.**

I9F5/PJE6 AR  
NR 1068/EX 2012 =  
I9F5/PJE6 AR  
NR 1068/EX 2012 =  
I9F5/PJE6 AR QSY LW QSY LW VV

**5576 kHz, 01-06, 1216 UTC, i.p.**

NR 1101/EX 2020 =  
FG.9/G..1 AR  
NR 1100/EX 1029 =  
9/GV70 AR QSY ... VVV

**5692 kHz, 01-06, 1219 UTC, i.p.**

= OC5CBW3AN  
FNR 178/EX 1021 =  
OFH/BW3 AR  
F NR 1..8/EX 2021 =  
OCH/BP3 AR QSY 10 QSY 10 QSY 10 VV

**4721 kHz, 06-06, 1201 UTC, i.p.**

FFF NR 1064/EX 2000 =  
VBS/AK8 AR  
NR 1064/EX 2000 =  
VBS/CK0 AR  
NR 1064/EX 2000 =  
VBS/CK0 AR QSY 04 QSY 04 QSY 04 VVV

**8063 kHz, 09-06, 1854 UTC, i.p.**

FFF NR 6251/EX 0254 RMKS 2735569 TO 275566 =  
POK5/R8C K  
NR 6251/EX 0254 RMKS 2735569 TO 2735560 =  
POOKSE/R8C K  
FF NR 6251/EX 0254 RMKS 2735569 TO 2735560 =  
POK5/R8C AR K

**10341 13-06, 1206, i.p.**

Q1AZ  
FFF NR 1159/EX 2006 =  
G5D8/L9H0 AR  
NR 1159/EX 2006 =  
G5D8/L9H0 AR  
NR 1159/EX 2006 =  
G5D8/L9H0 AR QSY 27 QSY 27 VVV

**10519 kHz, 13-06, 1210 UTC, i.p.**

DR5T ...  
FFF NR 1160/EX 2009 =  
IJB8/F9G4 AR  
NR 1160/EX 2009 =  
IJB8/F9G4 AR  
NR 1160/EX 2009 =  
IJB8/F9G4 AR QSY 28 QSY 28 VVV

**10245 kHz, 13-06, 1220 UTC, i.p.**

LTPB  
F NR 1923/EX 2024  
DK/5K3 AR  
NR 1923/EX 2024 =  
DK/HK3  
NR 1923/EX 2025 =  
DK/5K3 AR QSY 23 QSY 23 QSY 23 QSY 23 VVV

**10255 kHz, 13-06, 1227 UTC, i.p.**

NR 1166/EX 2027 =  
X2P1/D4Y3 AR  
NR 1166/EX 2027 =  
X2P1/D4Y3 AR  
NR 1166/EX 2027 =  
X2P1/D4Y3 AR SK SK

**10331 kHz, 13-06, 1233 UTC, i.p.**

ENC5 AR  
6S7F K  
6S7F K  
.T86 K  
JT86 K  
.K.K  
R QSA 2 QSA ? K  
R IEC BT 5EP2 AR K (Exercise related)  
R ED6J K  
ED6J K  
R QSA 2 QSA ? K  
R IEC BT 4TYB K (Control station)

**10347 kHz, 13-06, 1238 UTC, i.p.**

R HR WK NR ...658950 K  
R KBCT DE 5MKG R QSA 1 QSA ? K  
R K  
R IEC = T1GF AR K (Exercise related)  
R HR WK NR 29658908 K  
R I WK NR 29658908 K (Outstations)

**10587 kHz, 13-06, 1247 UTC, i.p.**

NR 1167/EX 2047 RMKS CQ =  
G3H8/D4N5 AR  
VV LS2F DE BQ1Z K  
R AS  
VV 8GAQ DE BQ1Z K  
R AS  
VV BLRC DE BQ1Z K (Control station)

**10712 kHz, 13-06, 1253 UTC, i.p.**

VV MNHV DE FGHB K (Control station)  
R QSL ? K  
R U WK NR GA K  
R AS  
VV VNBB DE FGHB K

**4123 kHz, 23-02, 1751 UTC, i.p.**

R QSA 3 IEC = 862. AR K  
R = 1299 AR K (Both stations on this frequency)  
R HR 7G GA K  
R GA K  
R HR 7G NR 015 CK 91 60 0623 2310 RMKS 137.. TO 91912 =  
475T DT7. 353U 376A 3N4T ...

## **M95 - Chinese Military**

**4364//8073 kHz, 01-06, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages**

**4364//8073 kHz, 01-06, 1137 UTC, CW**

V BNGC (x3) DE XSV85 (X2)

HR MSGS GA PSE CY

NR 0421 CK 046 35 0601 1529 =

TT6 N5U TTA N53 TAD N54 7TT TA3 746 D4 6T6 6TA TTU 6T4 6AT

TA4 6A4 U4N 6A5 U6U 6A6 .. 6A7 TUD 6U4 3UT 74D 6UU TAA N34

TA3 635 4T3 DAU D3T TU4 DAA D5D NU7 DD3 6A. 77 6A5 3TD 6T7

AR A HR MSG

NR 0422 CK 184 35 0601 1601 =

TTA 3U6 3AN 3U7 TAU 773 353 4AA NN3 445 3D3 34T N3D 3DU 4DT ...

**4243//9054 kHz, 01-06, 1145 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages**

**4243//9054 kHz, 01-06, 1150 UTC, M95: CW**

VVV HR 7G TO YR PSE CY

NR 008 CK 24 35 0601 1531 =

5AA UTT TTA 3U6 3A4 5T7 5TD 5TN 5AA 75U

35A N3D 353 DN7 36.4 TN4 453 DA3 4 TN3 D4TA44

AR

AR 7G AGN

NR 008 CK 24 35 0601 1531 = (Repeats message)

A HR MSG GA

NR 068 CK 22 35 0601 1611 =

UT5 TTA 3U6 3A4 TTA TTU TT3 773 353 N3D

35U 4AA 345 N3D 4U6 ...

AR 7G AGN

NR 068 CK 22 35 0601 1611 = (Repeats message)

AR AHR MSG

NR 02 CK 154 35 0601 1612 =

UTU TTA 3U6 3A4 TTU 773 353 ...

**4364/8073 kHz, 13-06, 1130 UTC, V26: USB. XSV85: callup in Chinese voice**

**4364/8073 kHz, 13-06, 1130 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages**

**4364/8073 kHz, 13-06, 1139 UTC, M95: CW**

V BNGC (x3) DE XSV85 (X2)

HR MSGS GA PSE CY

NR 0446 CK 282 35 0613 1606 =

TA3 3U6 3AN 3U7 TAU 773 353 37U 4T3 NN3 ...

**4243/9054 kHz, 13-06, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages**

**4243/9054 kHz, 13-06, 1148 UTC, M95: CW**

VVV HR 7G TO YR PSE CY

NR 26 CK 110 35 0613 1521 =

UTU TA3 3U6 3A4 TTU N44 TT3 N44 TT5 N44 5AA 75U ...



## UM04 - PROMRCh

### 4735 kHz, 01-06, 0700 UTC

VVVVV PROMRCh = 01 06 =  
1000 0810 0840 0950 1300  
1200 0880 0910 1010 1360  
1400 0920 0940 1050 1410  
1600 0880 0910 1030 1400  
1800 0850 0880 1000 1370  
2000 0900 0930 1030 1300  
2200 0820 0840 0930 1220  
0000 0730 0740 0810 1050  
0200 0690 0700 0760 0980  
0400 0590 0610 0670 0870  
0600 0640 0700 0750 1030  
0800 0770 0810 0910 1260  
= ABV

VVVVV PROMRCh = 01 06 =  
1000 0810 0840 0950 1300  
1200 0880 0910 1010 1360  
1400 0920 0940 1050 1410  
1600 0880 0910 1030 1400  
1800 0850 0880 1000 1370  
2000 0900 0930 1030 1300  
2200 0820 0840 0930 1220  
0000 0730 0740 0810 1050  
0200 0690 0700 0760 0980  
0400 0590 0610 0670 0870  
0600 0640 0700 0750 1030  
0800 0770 0810 0910 1260  
= AR

### 4735 kHz, 05-06, 0700 UTC

VVVVV PROMRCh = 05 06 =  
1000 0810 0840 0950 1310  
1200 0880 0910 1020 1360  
1400 0910 0940 1050 1400  
1600 0860 0890 1010 1380  
1800 0830 0860 0970 1340  
2000 0890 0910 1020 1370  
2200 0820 0840 0930 1230  
2400 0730 0750 0820 1050  
0200 0690 0710 0770 0990  
0400 0590 0610 0670 0870  
0600 0640 0670 0760 1040  
0800 0770 0800 0910 1260  
= ABV =

VVVVV PROMRChÖ = 05 06 =  
1000 0810 0840 0950 1310  
1200 0880 0910 1020 1360  
1400 0910 0940 1050 1400  
1600 0860 0890 1010 1380  
1800 0830 0860 0970 1340  
2000 0890 0910 1020 1370  
2200 0820 0840 0930 1230  
2400 0730 0750 0820 1050  
0200 0690 0710 0770 0990  
0400 0590 0610 0670 0870  
0600 0640 0670 0760 1040  
0800 0770 0800 0910 1260  
= AR

### 4735 kHz, 02-06, 0700 UTC

VVVVV PROMRCh = 0206 =  
1000 0810 0840 0950 1320  
1200 0880 0910 1020 1370  
1400 0920 0940 1050 1420  
1600 0880 0910 1020 1390  
1800 0840 0880 0990 1360  
2000 0900 0930 1030 1390  
2200 0820 0840 0930 1220  
0000 0730 0740 0810 1050  
0200 0690 0700 0760 0980  
0400 0590 0610 0670 0870  
0600 0640 0660 0750 1040  
0800 0780 0810 0920 1270  
= ABV =

VVVVV PROMRCh = 0206 =  
1000 0810 0840 0950 1320  
1200 0880 0910 1020 1370  
1400 0920 0940 1050 1420  
1600 0880 0910 1020 1390  
1800 0840 0880 0990 1360  
2000 0900 0930 1030 1390  
2200 0820 0840 0930 1220  
0000 0730 0740 0810 1050  
0200 0690 0700 0760 0980  
0400 0590 0610 0670 0870  
0600 0640 0660 0750 1040  
0800 0780 0810 0920 1270  
= AR

### 4735 kHz, 06-06, 0700 UTC

VVVVV PROMRCh = 0606 =  
1000 0820 0850 0950 1310  
1200 0890 0920 1020 1370  
1400 0920 0950 1050 1410  
1600 0870 0890 1000 1070  
1800 0870 0860 0970 1330  
2000 0890 0910 \_\_\_\_ 0136  
2200 rest unreadable  
= ABV

VVVVV PROMRCh = 0606 =  
1000 0820 0850 0950 1310  
1200 0890 0920 \_\_\_\_ \_\_\_\_  
largely unreadable  
0600 \_\_\_\_ 0650 0760 1040  
0800 0770 0800 0910 1260  
= AR

### 4735 kHz, 03-06, 0700 UTC

VVV VVV PROMRCh = 03 06 =  
1000 0810 0840 0950 1310  
1200 0890 0910 1020 1360  
1400 0920 0950 1060 1420  
1600 0870 0900 1010 1380  
1800 0840 0870 0990 1350  
2000 0900 0920 1030 1380  
2200 0820 0850 0930 1230  
0000 0730 0750 0810 1050  
0200 0690 0710 0770 0980  
0400 0590 0610 0670 0870  
0600 0640 0670 0760 1040  
0800 0780 0810 0920 1010  
= ABV

VVV VVV PROMRCh = 03 06 =  
1000 0810 0840 0950 1310  
1200 0890 0910 1020 1360  
1400 0920 0950 1060 1420  
1600 0870 0900 1010 1380  
1800 0840 0870 0990 1350  
2000 0900 0920 1030 1380  
2200 0820 0850 0930 1230  
0000 0730 0750 0810 1050  
0200 0690 0710 0770 0980  
0400 0590 0610 0670 0870  
0600 0640 0670 0760 1040  
0800 0780 0810 0920 1010  
= AR

### 4735 kHz, 07-06, 0700 UTC

VVVVV PROMRCh = 07 06 =  
1000 0820 0850 0950 1310  
1200 0890 0920 1020 1360  
1400 0910 0940 1040 1400  
1600 0860 0890 1000 1360  
1800 0820 0850 0960 1320  
2000 0880 0910 1010 1360  
2200 0830 0850 0930 1230  
0000 0740 0760 0820 1060  
0200 0700 0720 0770 0990  
0400 0600 0610 0670 0880  
0600 0650 0670 0760 1040  
0800 0770 0800 0910 1260  
= ABV =

VVVVV PROMRCh = 07 06 =  
1000 0820 0850 0950 1310  
1200 0890 0920 1020 1360  
1400 0910 0940 1040 1400  
1600 0860 0890 1000 1360  
1800 0820 0850 0960 1320  
2000 0880 0910 1010 1360  
2200 0830 0850 0930 1230  
0000 0740 0760 0820 1060  
0200 0700 0720 0770 0990  
0400 0600 0610 0670 0880  
0600 0650 0670 0760 1040  
0800 0770 0800 0910 1260  
= AR

### 4735 kHz, 04-06, 0700 UTC

VVV VVV PROMRCh = 04 06 =  
1000 0810 0840 0950 1320  
1200 0880 0910 1010 1360  
1400 0910 0940 1050 1410  
1600 0870 0900 1010 1380  
1800 0830 0860 0980 1350  
2000 0830 0820 1020 1370  
2200 0820 0850 0930 1230  
0000 0730 0750 0820 1060  
0200 0690 0710 0770 0990  
0400 0590 0610 0670 0870  
0600 0640 0670 0760 1040  
0800 0770 0810 0910 1270  
= ABV

VVV VVV PROMRCh = 04 06 =  
1000 0810 0840 0950 1320  
1200 0880 0910 1010 1360  
1400 0910 0940 1050 1410  
1600 0870 0900 1010 1380  
1800 0830 0860 0980 1350  
2000 0830 0820 1020 1370  
2200 0820 0850 0930 1230  
0000 0730 0750 0820 1060  
0200 0690 0710 0770 0990  
0400 0590 0610 0670 0870  
0600 0640 0670 0760 1040  
0800 0770 0810 0910 1270  
= AR

### 4735 kHz, 08-06, 0700 UTC

VVV VVV PROMRCh = 08 06 =  
1000 0820 0850 0950 1310  
1200 0890 0920 1020 1360  
1400 0910 0940 1050 1400  
1600 0860 0890 1000 1360  
1800 0820 0840 0960 1310  
2000 0880 0900 1010 1350  
2200 0830 0850 0940 1230  
0000 0740 0760 0830 1070  
0200 0700 0720 0780 1000  
0400 0600 0610 0670 0880  
0600 0650 0680 0760 1040  
0800 0780 0810 0910 1260  
= ABV

VVV VVV PROMRCh = 08 06 =  
1000 0820 0850 0950 1310  
1200 0890 0920 1020 1360  
1400 0910 0940 1050 1400  
1600 0860 0890 1000 1360  
1800 0820 0840 0960 1310  
2000 0880 0900 1010 1350  
2200 0830 0850 0940 1230  
0000 0740 0760 0830 1070  
0200 0700 0720 0780 1000  
0400 0600 0610 0670 0880  
0600 0650 0680 0760 1040  
0800 0780 0810 0910 1260  
= AR

**4735 kHz, 09-06, 0700 UTC**

VVVVV PROMRCh = 09 06 =  
1000 0820 0850 0950 1310  
1200 0890 0920 1020 1360  
1400 0910 0940 1040 1390  
1600 0860 0890 1000 1360  
1800 0820 0850 0960 1310  
2000 0870 0900 1000 1340  
2200 0830 0860 0940 1240  
0000 0750 0770 0840 1080  
0200 0700 0720 0780 1000  
0400 0600 0610 0680 0880  
0600 0660 0680 0760 1050  
0800 0780 0810 0920 1260  
= ABV  
VVVVV PROMRCh = 09 06 =  
1000 0820 0850 0950 1310  
1200 0890 0920 1020 1360  
1400 0910 0940 1040 1390  
1600 0860 0890 1000 1360  
1800 0820 0850 0960 1310  
2000 0870 0900 1000 1340  
2200 0830 0860 0940 1240  
0000 0750 0770 0840 1080  
0200 0700 0720 0780 1000  
0400 0600 0610 0680 0880  
0600 0660 0680 0760 1050  
0800 0780 0810 0920 1260  
= AR

**4735 kHz, 13-06, 0700 UTC**

VVVVV PROMRCh = 13 06 =  
1000 0860 0880 0980 1310  
1200 0920 0940 1040 1370  
1400 0930 0950 1050 1390  
1600 0880 0910 1010 1360  
1800 0820 0850 0960 1300  
2000 0890 0910 1010 1350  
2200 0850 0870 0960 1250  
0000 0780 0800 0870 1120  
0200 0740 0760 0820 1050  
0400 0630 0650 0710 0920  
0600 0700 0720 0800 1090  
0800 0820 0850 0960 1300  
= ABV  
VVVVV PROMRCh = 13 06 =  
1000 0860 0880 0980 1310  
1200 0920 0940 1040 1370  
1400 0930 0950 1050 1390  
1600 0880 0910 1010 1360  
1800 0820 0850 0960 1300  
2000 0890 0910 1010 1350  
2200 0850 0870 0960 1250  
0000 0780 0800 0870 1120  
0200 0740 0760 0820 1050  
0400 0630 0650 0710 0920  
0600 0700 0720 0800 1090  
0800 0820 0850 0960 1300  
= AR

**4735 kHz, 10-06, 0700 UTC**

VVVVV PROMRCh = 10 06 =  
1000 0830 0860 0960 1310  
1200 0900 0920 1020 1360  
1400 0920 0940 1040 1390  
1600 0870 0900 1000 1360  
1800 0820 0850 0960 1310  
2000 0880 0900 1010 1350  
2200 0830 0860 0940 1240  
2400 0750 0770 0840 1080  
0200 0710 0730 0790 1010  
0400 0600 0620 0680 0880  
0600 0660 0690 0770 1050  
0800 0790 0820 0930 1270  
= ABV =  
VVVVV PROMRCh = 10 06 =  
1000 0830 0860 0960 1310  
1200 0900 0920 1020 1360  
1400 0920 0940 1040 1390  
1600 0870 0900 1000 1360  
1800 0820 0850 09 carrier  
for 27 sec, then off

**4735 kHz, 14-06, 0701 UTC**

VVV VVV PROMRCh = 14 06 =  
1000 0860 0890 0990 1320  
1200 0920 0950 1050 1380  
1400 0930 0950 1050 1400  
1600 0880 0910 1010 1360  
1800 0880 0860 0960 1300  
2000 0890 0920 1020 1350  
2200 0850 0880 0960 1260  
0000 0790 0810 0880 1120  
0200 0750 0760 0830 1060  
0400 0630 0650 0710 0920  
0600 0700 0730 0810 1090  
0800 0830 0860 0960 1310  
ABV  
VVV VVV PROMRCh = 14 06 =  
1000 0860 0890 0990 1320  
1200 0920 0950 1050 1380  
1400 0930 0950 1050 1400  
1600 0880 0910 1010 1360  
1800 0880 0860 0960 1300  
2000 0890 0920 1020 1350  
2200 0850 0880 0960 1260  
0000 0790 0810 0880 1120  
0200 0750 0760 0830 1060  
0400 0630 0650 0710 0920  
0600 0700 0730 0810 1090  
0800 0830 0860 0960 1310  
= AR

**4735 kHz, 11-06, 0700 UTC**

VVV VVV PROMRCh = 11 06 =  
1000 0840 0870 0970 1310  
1200 0900 0930 1030 1360  
1400 0920 0940 1050 1390  
1600 0870 0900 1000 1350  
1800 0820 0840 0950 1300  
2000 0880 0910 1010 1340  
2200 0840 0860 0950 1240  
0000 0770 0780 0850 1100  
0200 0720 0730 0800 1020  
0400 0610 0630 0690 0900  
0600 0680 0700 0790 1060  
0800 0810 0830 0940 1290  
= ABV  
VVV VVV PROMRCh = 11 06 =  
1000 0840 0870 0970 1310  
1200 0900 0930 1030 1360  
1400 0920 0940 1050 1390  
1600 0870 0900 1000 1350  
1800 0820 0840 0950 1300  
2000 0880 0910 1010 1340  
2200 0840 0860 0950 1240  
0000 0770 0780 0850 1100  
0200 0720 0730 0800 1020  
0400 0610 0630 0690 0900  
0600 0680 0700 0790 1060  
0800 0810 0830 0940 1290  
= AR

**4735 kHz, 15-06, 0700 UTC**

VVV VVV PROMRCh = 15 06 =  
1000 0870 0900 0990 1320  
1200 0930 0950 1050 1380  
1400 0940 0960 1060 1390  
1600 0890 0910 1010 1360  
1800 0830 0860 0960 1300  
2000 0890 0920 1020 1350  
2200 0860 0880 0970 1270  
0000 0790 0810 0880 1130  
0200 0750 0770 0830 1070  
0400 0640 0650 0720 0930  
0600 0710 0730 0820 1000  
0800 0840 0860 0970 1320  
= ABV  
VVV VVV PROMRCh = 15 06 =  
1000 0870 0900 0990 1320  
1200 0930 0950 1050 1380  
1400 0940 0960 1060 1390  
1600 0890 0910 1010 1360  
1800 0830 0860 0960 1300  
2000 0890 0920 1020 1350  
2200 0860 0880 0970 1270  
0000 0790 0810 0880 1130  
0200 0750 0770 0830 1070  
0400 0640 0650 0720 0930  
0600 0710 0730 0820 1000  
0800 0840 0860 0970 1320  
= AR

**4735 kHz, 12-06, 0700 UTC**

VVVVV PROMRCh = 1206 =  
1000 0850 0880 0980 1310  
1200 0910 0940 1040 1370  
1400 0930 0950 1050 1390  
1600 0880 0900 1010 1360  
1800 0820 0860 1000 1310  
2000 0890 0910 1010 1350  
2200 0840 0870 0950 1250  
0000 0780 0790 0860 1110  
0200 0730 0750 0810 1040  
0400 0620 0640 0700 0910  
0600 0680 0710 0790 1070  
0800 0810 0840 0950 1300  
= ABV  
VVVVV PROMRCh = 1206 =  
1000 0850 0880 0980 1310  
1200 0910 0940 1040 1370  
1400 0930 0950 1050 1390  
1600 0880 0900 1010 1360  
1800 0820 0860 1000 1310  
2000 0890 0910 1010 1350  
2200 0840 0870 0950 1250  
0000 0780 0790 0860 1110  
0200 0730 0750 0810 1040  
0400 0620 0640 0700 0910  
0600 0680 0710 0790 1070  
0800 0810 0840 0950 1300  
= AR

**4735 kHz, 16-06, 0700 UTC**

VVVVV PROMRCh = 16 06 =  
1000 0890 0900 1000 1330  
1200 0940 0960 1050 1380  
1400 0940 0960 1060 1400  
1600 0890 0910 1020 1350  
1800 0830 0860 0960 1300  
2000 0890 0920 1020 1350  
2200 0860 0880 0970 1270  
2400 0800 0820 0890 1040  
0200 0760 0770 0840 1070  
0400 0640 0660 0720 0940  
0600 0710 0730 0820 1100  
0800 0840 0870 0980 1320  
= ABV =  
VVVVV PROMRCh = 16 06 =  
1000 0890 0900 1000 1330  
1200 0940 0960 1050 1380  
1400 0940 0960 1060 1400  
1600 0890 0910 1020 1350  
1800 0830 0860 0960 1300  
2000 0890 0920 1020 1350  
2200 0860 0880 0970 1270  
2400 0800 0820 0890 1040  
0200 0760 0770 0840 1070  
0400 0640 0660 0720 0940  
0600 0710 0730 0820 1100  
0800 0840 0870 0980 1320  
= AR



**4735 kHz, 25-06, 0700 UTC**

VVVVV PROMRCh = 2506 =  
1000 0860 0880 0970 1300  
1200 0900 0920 1020 1350  
1400 0910 0930 1030 1350  
1600 0870 0900 0990 1330  
1800 0810 0840 0940 1270  
2000 0870 0890 0990 1310  
2200 0860 0880 0960 1260  
0000 0820 0840 0910 1200  
0200 0770 0790 0850 0400  
0400 0640 0700 0720 0940  
0600 0700 0720 0810 1080  
0800 0820 0850 0950 1280

= ABV

VVVVV PROMRCh = 2506 =  
1000 0860 0880 0970 1300  
1200 0900 0920 1020 1350  
1400 0910 0930 1030 1350  
1600 0870 0900 0990 1330  
1800 0810 0840 0940 1270  
2000 0870 0890 0990 1310  
2200 0860 0880 0960 1260  
0000 0820 0840 0910 1200  
0200 0770 0790 0850 0400  
0400 0640 0700 0720 0940  
0600 0700 0720 0810 1080  
0800 0820 0850 0950 1280

= AR

**4735 kHz, 28-06, 0700 UTC**

VVV VVV PROMRCh = 28 06 =  
1000 0830 0860 0950 1300  
1200 0880 0900 1000 1350  
1400 0880 0900 1000 1350  
1600 0850 0870 0970 1300  
1800 0800 0820 0920 1250  
2000 0860 0880 0980 1290  
2200 0850 0870 0960 1250  
0000 0800 0820 0890 1150  
0200 0750 0770 0840 1070  
0400 0630 0650 0710 0930  
0600 0690 0710 0790 1070  
0800 0800 0830 0930 1270

= ABV

VVV VVV PROMRCh = 28 06 =  
1000 0830 0860 0950 1300  
1200 0880 0900 1000 1350  
1400 0880 0900 1000 1350  
1600 0850 0870 0970 1300  
1800 0800 0820 0920 1250  
2000 0860 0880 0980 1290  
2200 0850 0870 0960 1250  
0000 0800 0820 0890 1150  
0200 0750 0770 0840 1070  
0400 0630 0650 0710 0930  
0600 0690 0710 0790 1070  
0800 0800 0830 0930 1270

= AR

**4735 kHz, 26-06, 0700 UTC**

VVVVV PROMRCh = 26 06 =  
1000 0850 0880 0970 1300  
1200 0900 0930 1010 1350  
1400 0900 0930 1030 1350  
1600 0870 0890 0990 1330  
1800 0810 0840 0930 1260  
2000 0870 0890 0990 1300  
2200 0850 0870 0960 1260  
2400 0810 0830 0900 1150  
0200 0760 0780 0840 1070  
0400 0640 0650 0720 0940  
0600 0700 0720 0810 1080  
0800 0820 0850 0940 1280

= ABV =

VVVVV PROMRCh = 26 06 =  
1000 0850 0880 0970 1300  
1200 0900 0930 1010 1350  
1400 0900 0930 1030 1350  
1600 0870 0890 0990 1330  
1800 0810 0840 0930 1260  
2000 0870 0890 0990 1300  
2200 0850 0870 0960 1260  
2400 0810 0830 0900 1150  
0200 0760 0780 0840 1070  
0400 0640 0650 0720 0940  
0600 0700 0720 0810 1080  
0800 0820 0850 0940 1280

= AR

**4735 kHz, 29-06, 0700 UTC**

VVVVV PROMRCh = 29 06 =  
1000 0820 0850 0940 1300  
1200 0870 0890 0980 1350  
1400 0870 0890 0990 1350  
1600 0840 0870 0960 1300  
1800 0790 0820 0920 1240  
2000 0850 0880 0970 1280  
2200 0840 0870 0950 1250  
2400 0800 0820 0890 1140  
0200 0750 0760 0830 1060  
0400 0630 0650 0710 0920  
0600 0680 0710 0790 1060  
0800 0790 0820 0920 1250

= ABV

VVVVV PROMRCh = 29 06 =  
1000 0820 0850 0940 1300  
1200 0870 0890 0980 1350  
1400 0870 0890 0990 1350  
1600 0840 0870 0960 1300  
1800 0790 0820 0920 1240  
2000 0850 0880 0970 1280  
2200 0840 0870 0950 1250  
2400 0800 0820 0890 1140  
0200 0750 0760 0830 1060  
0400 0630 0650 0710 0920  
0600 0680 0710 0790 1060  
0800 0790 0820 0920 1250

= AR

**4735 kHz, 27-06, 0700 UTC**

VVVVV PROMRCh = 27 06 =  
1000 0840 0870 0960 1300  
1200 0890 0920 1010 1350  
1400 0890 0920 1010 1350  
1600 0860 0880 0980 1310  
1800 0800 0830 0930 1260  
2000 0860 0890 0980 1300  
2200 0850 0870 0960 1250  
0000 0810 0830 0900 1150  
0200 0750 0770 0840 1070  
0400 0630 0650 0710 0940  
0600 0690 0720 0800 1070  
0800 0810 0840 0940 1270

= ABV

VVVVV PROMRCh = 27 06 =  
1000 0840 0870 0960 1300  
1200 0890 0920 1010 1350  
1400 0890 0920 1010 1350  
1600 0860 0880 0980 1310  
1800 0800 0830 0930 1260  
2000 0860 0890 0980 1300  
2200 0850 0870 0960 1250  
0000 0810 0830 0900 1150  
0200 0750 0770 0840 1070  
0400 0630 0650 0710 0940  
0600 0690 0720 0800 1070  
0800 0810 0840 0940 1270

= AR

**4735 kHz, 30-06, 0700 UTC**

VVVVV PROMRCh = 3006 =  
1000 0810 0840 0940 1300  
1200 0860 0880 0970 1350  
1400 0860 0890 0980 1350  
1600 0830 0860 0960 1290  
1800 0790 0810 0910 1240  
2000 0840 0870 0960 1280  
2200 0840 0860 0950 1240  
0000 0790 0810 0880 1140  
0200 0750 0760 0830 1060  
0400 0630 0650 0710 0930  
0600 0680 0700 0780 1050  
0800 0780 0810 0910 1240

= ABV

VVVVV PROMRCh = 3006 =  
1000 0810 0840 0940 1300  
1200 0860 0880 0970 1350  
1400 0860 0890 0980 1350  
1600 0830 0860 0960 1290  
1800 0790 0810 0910 1240  
2000 0840 0870 0960 1280  
2200 0840 0860 0950 1240  
0000 0790 0810 0880 1140  
0200 0750 0760 0830 1060  
0400 0630 0650 0710 0930  
0600 0680 0700 0780 1050  
0800 0780 0810 0910 1240

= AR

## DIGITAL MODES

### **Russian Government networks (including intelligence agencies, domestic and international nets) . Designators F01, F06, F06a, M42, M42b**

F01 – FSK 200/500

**14621/12206/10465 kHz, 07-06, 1840/1850/1900 UTC**

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

**12051/14578/17466 kHz, 28-06/29-06, 0930/0940/0950 UTC**

21663 27622 78679 30410 47110 24859 30001 88407 22444 20353  
62042 23714 85702 26439 22192 76862 32498 60896 72952 03411  
30828 89763 49772 81844 54347 62444 80300 28611 51281 25026  
94759 68718 91176 22767 82111 35337 56662 27678 71722 96847  
72425 52139 45191 34762 88581 34488 08052 20964 60619 07521  
76021 67704 93123 85841 55487 48784 39454 32989 22917 15370  
74559 94299 32887 54875 83138 06416 09412 66343 30305 19403  
00255 50775 06974 92396 98919 39831 67131 48724 64009 11357  
99193 01433 90624 65152 98629 85173 13512 57445 34047 55359  
46631 17482 23918 40556 88836 94689 66137 59025 50364 09844  
87604 35372 79796 08674 06006 78223 96216 41351 20998 04878  
56214 16288 76968 23870 10449 01699 64568 11381 29448 73343  
53202 42433 03335 31907 71658 62805 45163 38441 79079 12615  
52562 41313 93442 37489 07357 93090 69755 48279 17880 80811  
45141 15241 33630 18071 93005 07632 86997 72350 53478 14647  
41713 26055 32307 08651 52733 94667 85395 36622 67236 50474  
31179 50765 21414 25290 58011 14216 12758 90632 18766 42785  
52518 38769 29830 68669 28031 13080 16676 37081 29583 61178  
73207 71717 21533 09222 27063 70016 62344 80850 28058 14142  
03237 09194 01966 08621 20140 15376 36816 80580 58632 51973  
93894 03527 96557 34839 60649 30581 54003 11752 87664 48144  
05333 41313 76917 85899 72949 80544 13482 44095 07496 04603  
57883 17221 00000 +++++ +++++

F01 – FSK 200/500 Mon-Fri schedule

**11487/9376/7591 kHz, 01-06, 1015/1025/1035 UTC**

76070 95767 20534 48355 95335 34171 95894 06619 17679 19676  
85617 32552 65472 06989 52478 61196 94755 55477 64178 60433  
66782 55670 69636 31173 42722 71494 53884 00610 43686 09161  
26276 81986 43273 48654 21671 99286 84826 98755 19304 00324  
40583 61540 09016 06631 54901 17281 59527 73611 38768 65701  
68464 59385 07750 84519 98797 25754 80599 91203 31400 19741  
80689 18897 88409 09130 07464 42435 07069 70450 70101 15403  
68752 52833 00571 04161 12851 66195 88267 29779 90206 67165  
03419 53827 35789 88083 00000 00000 00000 00000 00000 00000  
29580 50975 60587 22247 25603 78057 45576 68795 35012 51709  
63172 85005 64944 84350 34144 43066 93015 22430 57612 47921  
65699 82090 08108 16343 62438 13441 75704 71334 36403 48136  
22654 19050 67860 09941 94961 00430 91066 92969 32339 34717  
80642 37294 64981 97072 08354 56595 70585 97442 06237 97557  
90069 52897 97014 35688 85418 70603 77734 37250 68098 83637  
67562 41994 31465 06814 55678 46380 85629 04718 10204 91976  
18189 89140 34108 88716 29279 89075 00000 +++++

**11487/9376/7591 kHz, 02-06, 1015/1025/1035 UTC**

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

**11487/9376/7591 kHz, 05-06, 1015/1025/1035 UTC**

63454 00214 78840 12457 39627 79237 62698 65184 19178 00215  
01980 24871 90547 04457 73723 04128 28874 03069 85579 76823  
56599 48770 78658 11087 02233 98435 83996 70373 99439 77303  
87319 56040 93651 80767 81794 89859 48384 74722 13460 59905  
68448 80362 49015 78270 82243 54407 20667 24022 50321 00667  
27706 69860 92405 73888 99514 15900 50058 61836 49689 79017  
27174 56520 75956 11208 75499 50533 85586 45378 17354 19413  
50977 92019 22749 75986 25097 35198 83087 07614 71489 01301  
48634 32293 88510 98966 21940 34536 32487 53655 24416 66976  
69493 85275 78235 28636 10434 02318 70753 55785 09102 10935  
93642 86345 27923 62392 73911 83754 01061 87341 39013 31253  
49568 90345 83221 32507 28285 03096 27464 79527 09154 19753  
89795 73805 30655 62866 08713 11606 68035 53285 86481 69364  
04036 82513 44670 50116 04785 10954 09083 76898 30558 40450  
66269 44060 36091 34603 58810 62427 40132 85261 11553 59242  
68909 48651 05998 18836 03228 99571 45012 74951 83855 77084  
75064 90672 54899 20161 58169 86885 49859 16695 10721 05209  
50050 14337 51415 16338 70060 66579 25435 09739 49966 12542  
97096 25621 58956 13875 28139 15140 40083 97232 83848 39752  
50802 75754 34194 45673 79011 47986 42182 74374 39259 97671  
56597 95040 78812 42874 51324 69947 48290 07845 78445 88685  
16516 16078 27294 32167 34313 28008 06646 52354 76900 71756  
92250 78652 19596 40398 06876 86894 26510 54159 25068 91868  
56905 10998 19795 49312 18933 74000 93179 78315 25406 69030  
58503 40078 31323 91072 65660 33947 57808 42698 87258 96678  
32173 53110 07560 19859 98768 51176 81428 93424 80338 90914  
55499 20216 94535 52855 68709 47503 55310 69715 74481 66428  
13848 49833 51583 31284 18739 96788 96018 87587 00086 48657  
11029 90872 07209 85325 37431 27141 54667 77316 91482 70915  
56258 74549 02446 41824 51697 58484 67051 45656 55658 06081  
63038 10838 83865 39009 88971 56238 35930 56556 22510 51281  
39597 75657 14321 54261 86124 26497 59829 39830 11447 77107  
15979 51582 02840 85421 55214 40666 35751 02190 73839 76376  
70500 73220 96972 39655 63525 14378 47266 35437 72874 57764  
69582 84780 62612 92534 28813 82729 35852 48777 23033 32821  
51080 97900 79175 94201 01469 67953 23408 02277 61871 97337  
43408 48831 33175 75322 84719 32557 38702 42822 48381 15937  
52361 51865 82001 49402 63209 07186 81494 48727 06136 38387  
45635 36568 13348 76107 50638 84111 66341 30628 36945 13754  
53043 96357 25403 48750 59831 30635 05028 20781 53086 80286  
59538 71358 29996 54375 24841 08025 43281 66572 94667 01266  
29531 95606 16539 33093 95846 37206 45249 33216 44466 45992  
46059 63756 40065 90741 64782 38426 49432 90427 00000 +++++  
+++++ +++++

**11487/9376/7591 kHz, 06-06, 1015/1025/1035 UTC**

38551 12347 65008 57104 38403 58402 97927 78185 42561 54499  
62645 61512 50753 17602 10655 72989 09021 37274 61526 44026  
19288 17251 79516 99015 91990 32342 26829 64706 15210 67851  
29482 43625 38749 33714 16704 54738 96589 70511 19804 71566  
16162 89584 41456 12330 87866 14406 31324 61848 93297 15415  
28976 29858 15583 55491 60024 75444 80296 88268 96417 52273  
00378 76459 16838 54385 23484 22397 28128 66741 05232 27957  
33696 51682 56743 26078 59827 23544 39958 51038 75841 93592  
09128 39699 69039 88230 21944 80882 60373 71488 68731 55093  
71771 25012 93143 31751 81062 66637 02803 91097 00000 00000  
28243 44844 05178 08857 39078 83233 63806 63432 59251 21254  
43089 22835 56659 37515 06754 34096 83430 52513 31471 26549  
91090 23153 73235 12456 77446 95970 27191 54921 69908 42471  
98112 89027 74926 25047 23717 07135 48287 66890 17987 44272  
65489 24352 26710 24570 98339 85173 12408 54656 25013 41046  
10851 74977 30714 07914 26338 04950 77158 92467 57935 42912

46045 28279 73861 06787 86147 29989 76202 26412 18701 39005  
23147 23466 80781 59142 00926 39927 11359 05637 62654 01009  
09715 15982 76246 23500 20909 96017 48602 05460 27984 92089  
00000 +++++

**11487/9376/7591 kHz, 07-06, 1015/1025/1035 UTC**

81916 04156 54836 64592 14697 94623 80154 56758 06798 28567  
02515 59015 06592 51237 40136 97301 92970 78073 50084 31236  
10479 39087 93910 01076 97888 90523 39725 56820 27432 79745  
30379 17868 96857 74283 72443 36682 41511 90977 25684 64902  
58621 86160 97707 45326 60978 92804 73474 78211 02200 15587  
34357 35337 40757 19801 46439 20247 34971 75047 22743 98126  
86142 39655 89069 43750 72013 96758 08133 80921 37762 77971  
41691 11869 36685 35600 55352 60008 37790 49324 95734 74527  
42462 78293 94689 70223 77403 94564 80256 01036 56027 58832  
99041 90698 25498 24374 79716 68967 41602 80161 92311 86848  
38642 69067 83000 09267 86533 42107 89058 08617 52296 34651  
63690 07624 08133 75555 65395 44966 53268 65125 91590 62085  
41757 82882 61137 34622 33426 11039 75502 96926 10150 84637  
13201 33064 24657 04294 37245 32767 74023 72466 20252 35767  
15081 39203 16929 12938 63894 68297 38602 57696 46512 59790  
09482 86095 93174 89763 09361 69044 93166 53347 32420 45095  
52500 21893 16834 87231 21624 50240 24871 22104 85324 95026  
78165 25139 32041 29960 77850 39968 44747 69007 64246 95607  
80610 33430 95782 19833 31605 23604 51853 72177 83271 81562  
89274 45004 13807 55195 07054 06078 00674 00057 99138 81073  
26918 79695 99849 99474 04383 50463 51668 52279 55998 41736  
50081 34960 24348 67478 45160 74124 98686 30095 04570 61292  
77606 02506 67686 42247 09535 99377 45519 35391 78249 73459  
46120 77534 25600 97945 30165 20578 28630 20819 26407 27493  
73272 02096 61670 41071 91824 69929 85091 23861 56369 56489  
91276 92724 45348 99564 72085 96478 25464 20834 51701 10022  
16106 16725 84698 43409 28476 22813 21785 89315 96613 37694  
72903 57297 42504 17262 22391 68325 42453 75343 75866 07994  
86917 51603 43555 61874 50986 32688 89716 81418 17685 37521  
02882 53883 21312 02692 66571 74680 02965 28894 35194 45616  
95480 74318 44808 47442 79941 05974 13431 60165 80956 44839  
10589 29540 92906 65815 00796 03200 54322 38387 90634 84846  
12602 18957 34156 79953 46246 30763 76247 31395 36800 92346  
38691 68472 07691 80485 78582 17740 72142 38529 73791 49099  
57371 66100 15174 55575 97224 51066 10203 90224 10473 29736  
27709 08607 06932 86222 38432 90269 88603 26901 31049 37662  
38026 90895 08389 75937 11013 82548 93501 02064 75981 36792  
00287 56697 67047 53373 48350 17242 43072 60859 26795 35534  
69863 96369 36621 68604 67701 11964 66429 75933 91388 43635  
81109 81652 34998 03825 28208 25128 78531 83426 91654 48351  
18644 74188 47545 93591 50645 47465 01658 09741 93961 50260  
13401 90776 78234 04487 35864 94806 32254 20387 26682 17107  
42918 60052 09378 15601 76387 11981 89885 12225 78643 62599  
57939 18602 97625 75704 28003 59477 94139 93437 00000 +++++  
+++++

**11487/9376/7591 kHz, 08-06, 1015/1025/1035 UTC**

32355 27491 14667 41635 25017 75098 68634 63294 53255 20196  
34642 00924 04287 14271 22159 37012 41208 01100 66545 05754  
96981 30437 16251 22807 91962 89377 08393 56939 60889 81091  
81155 85764 00297 05599 96437 02739 72261 22294 71195 67617  
25448 98882 40912 17563 19366 76443 03638 81072 62792 05288  
18025 61938 02294 31302 53815 85402 21777 37472 18198 23716  
39015 70267 06488 43277 10092 05580 50558 40535 77679 33895  
63462 58856 24111 69396 03686 03531 15174 12676 07464 97115  
45562 21748 62601 42295 21927 71055 22243 84443 44462 03145  
82008 94091 00000 00000 00000 00000 00000 00000 00000 00000

65517 65775 03596 49615 60494 24897 52330 18582 30140 88884  
09556 83629 12389 97187 96422 45016 56064 06591 35212 80928  
60958 35376 88886 38953 03954 37653 51504 81950 37110 37559  
37969 30496 68662 78007 46517 69108 62872 63676 92404 08421  
19657 02920 36221 20502 19946 78291 55274 89512 47697 00379  
31467 44873 24511 24610 54131 69150 17773 35750 61226 97824  
08282 29754 67364 53148 28274 47671 52084 79272 05810 41289  
06817 70831 76427 75200 63981 12165 48039 94990 56649 95079  
00000 +++++ +++++

**111487/9376/7591 kHz, 09-06, 1015/1025/1035 UTC**

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

**11487/9376/7591 kHz, 12-06, 1015/1025/1035 UTC**

07536 05305 02181 40894 02057 50473 53624 40093 77767 76715  
68899 64813 83235 14060 09062 49900 15507 36869 66597 36183  
45707 10609 93032 77262 96696 98874 27807 52638 52465 29109  
20608 48118 03950 40446 64344 89460 60967 62123 80960 40167  
84948 95896 27263 99378 22159 00900 12953 60803 42095 04378  
48065 18622 10746 86741 61970 31295 53405 14374 61166 79227  
86718 18626 18011 77212 24662 44444 07606 27595 88126 17067  
35016 25108 72810 00215 20003 49289 55097 44237 31464 05448  
40608 47620 88772 00095 85116 80331 72197 61789 42521 42396  
09587 43325 19547 56186 31516 66212 41877 15821 12079 93370  
61402 42146 37508 40996 59259 16710 69814 65509 24372 93180  
97638 86554 12156 09653 91492 31958 13094 50252 05586 15608  
85858 29513 93415 84175 34677 97931 29324 93621 35613 92162  
53191 01425 41476 78268 80463 85476 20016 61480 44701 25568  
05117 60903 64833 08408 65661 72590 54307 42127 21764 69442  
14319 91177 63043 11355 78314 67588 48648 64065 99947 39506  
93699 50117 01682 42955 71842 80400 26225 07756 88613 39692  
57982 33552 05279 24639 06719 76856 17863 57613 70613 35083  
21027 24900 20897 38484 11514 12618 75259 85932 10816 38851  
52214 85494 11777 05394 23604 85722 78806 17574 07446 08603  
56396 45571 68287 20115 65618 25682 17275 99307 93305 24963  
29118 91867 03597 17687 18128 59078 26523 47059 40536 58142  
03344 70616 15261 14779 93300 12767 80322 74051 71487 72881  
27093 40349 72522 62404 79559 42469 59705 69392 10799 84736  
24353 73942 13844 70087 44997 62929 69135 06074 61134 17498  
75743 29712 41211 71752 38537 12110 49539 66070 28514 28827  
41817 43479 58445 06888 43962 62544 41054 84394 93924 25193  
21895 43675 51176 42920 04123 03908 03566 89812 07355 84145  
26224 15817 27793 72701 72208 18712 91808 63806 99569 98203  
20168 47500 64537 40586 45093 63676 35498 07404 47339 56228  
07474 26565 05484 88222 21763 09325 74601 04060 20452 41587  
36532 49531 90480 22961 88908 85729 76937 52009 65148 57744  
70286 81127 02587 04080 97204 89481 00941 17734 69726 47459  
38295 94871 72362 71056 36798 32037 91909 89647 95239 57836  
19619 75564 30729 10032 80405 08937 96627 93980 68814 76222  
68946 83366 96391 25863 18386 49141 80189 29509 10204 27642  
27053 22249 99114 63791 93410 20277 11381 90341 25229 39443  
31307 29092 07841 63119 34317 25008 80314 32815 33799 49200  
94067 59991 33903 31675 20405 82497 05492 09821 36671 14076  
27413 03545 45699 60374 60303 53012 08254 99895 45089 79921  
93143 53327 43386 58244 74705 89688 61982 05388 32332 42728  
28584 29695 31737 96413 00000 +++++ +++++

**11487/9376/7591 kHz, 13-06, 1015/1025/1035 UTC**

99486 03265 31493 77442 46903 95994 91646 52037 45545 00268  
81900 15642 64591 97401 60978 97494 03340 24395 91378 72660  
24970 11463 70836 38090 30625 21244 72087 30199 41031 25600  
70625 82379 77808 80948 65124 45891 61686 88077 20234 22572



69794 47358 86421 82797 19227 45314 76551 67140 69063 33471  
03895 95145 58034 85431 11244 29690 20015 43109 45841 70324  
44543 88061 59779 97063 00000 00000 00000 00000 00000 00000

75075 37897 57025 86576 72935 68094 37395 59859 19092 10371  
70199 50810 07622 17501 06297 23659 84359 17082 50733 13965  
53735 39429 70989 13592 22412 29564 25633 57742 53192 10458  
49327 93724 27609 89742 55113 36144 40642 27067 39929 38214  
76008 04273 04276 33863 35454 65604 21989 30330 20482 20120  
21042 55938 89965 23492 61326 92728 42077 81401 20333 48647  
93968 41688 22694 48972 57642 67469 74495 51660 35456 08397  
88329 16311 83689 12248 09986 81433 17614 44033 82763 29697  
56509 04819 10297 45861 32058 67430 03871 97064 08546 71255  
25137 90172 88332 43301 60179 85851 01005 37714 85864 74080  
99652 10949 14420 40769 12727 74762 27162 80179 24888 94230  
33334 98111 00000 +++++ +++++ +++++

**11487/9376/7591 kHz, 14-06, 1015/1025/1035 UTC**

81916 04156 54836 64592 14697 94623 80154 56758 06798 28567  
02515 59015 06592 51237 40136 97301 92970 78073 50084 31236  
10479 39087 93190 10766 78889 05233 97255 06802 07427 97455  
30379 17868 96857 74283 72443 36682 41511 90977 25268 64902  
58621 86160 97707 45326 60978 92804 73474 78211 02200 15587  
34357 35337 40757 19801 46439 20247 34971 75047 22743 98126  
86142 39655 89069 43750 72013 96758 08133 80921 37762 77971  
41691 11869 36685 35600 55352 60008 37790 49324 95734 74527  
42462 78293 94689 70223 77403 94564 80256 01036 56027 58832  
99041 90698 25498 24374 79716 68967 41602 80161 92311 86848  
38642 69067 83000 09267 86533 42107 89058 08617 52296 34651  
63690 07624 08133 75555 65395 44966 53268 65125 91590 62085  
41757 82882 61137 34622 33426 11039 75502 96926 10150 84637  
13201 33064 24657 04294 37245 32767 74023 72466 20252 35767  
15081 39203 16929 12938 63894 68297 38602 57696 46512 59790  
09482 86095 93174 89763 09361 69044 93166 53347 37220 45095  
25002 18931 16834 87231 21624 50240 24871 22104 85324 95026  
78165 25139 32041 29960 77850 39968 44747 69007 64246 95607  
80610 33430 95782 19833 31605 23604 51853 72177 83271 81562  
89274 45004 13807 55195 07054 06078 00674 00057 79913 88107  
32691 79695 99849 99474 04383 50463 51668 52279 55998 41736  
50081 34960 24348 67478 45160 74124 98686 30095 04570 61292  
77606 02506 67686 42247 09535 99377 45519 35391 78249 73459  
46120 77534 25600 97945 30165 20578 28630 20819 26407 27493  
73272 02096 61670 41071 91824 69929 85091 23861 56369 56489  
91276 92724 45348 99564 72085 96478 25464 20834 51701 10022  
16106 16725 84698 43409 28476 22813 21785 89315 96613 37694  
72903 57297 42504 17262 22391 68325 42453 75343 75866 07994  
86917 51603 43555 61874 50986 32688 89716 81418 17685 37521  
02882 53883 21312 02692 66971 74680 02965 28894 35194 45616  
06032 00322 38387 47442 79941 05974 13431 60165 80956 44839  
10589 29540 92906 65815 00796 03200 54322 38387 90634 84846  
12602 18957 34156 79953 46246 30763 76247 31395 36800 92346  
38691 68472 07691 80485 78582 17740 72142 38529 73791 49099  
57371 66100 15174 55575 97224 51066 10203 90224 10473 29736  
27709 08607 06932 86222 38432 90296 88603 26901 31049 37662  
38026 90895 08389 75937 11013 82548 93501 02064 75981 36792  
00287 56697 67047 53373 48350 17242 43072 60859 26795 35534  
69863 96369 36621 68604 67701 11964 66429 75933 91388 43635  
81109 81652 34998 03825 28208 25128 78531 83426 91654 48351  
18644 74188 47545 93591 50645 47465 01658 09741 93961 50260  
13401 90776 78234 04487 35864 94806 32254 20387 26682 17107  
42918 60052 09378 15601 76387 11981 89885 12225 78643 62599  
57939 18602 97625 75704 28003 59477 94139 99437 00000 +++++  
+++++

**11487/9376/7591 kHz, 15-06, 1015/1025/1035 UTC**

41775 93923 73837 99274 30814 10404 43427 36979 37156 76433  
71239 94731 71243 32771 78817 43999 84136 78343 53931 64327  
52050 61691 51570 67063 88733 11583 90738 98086 52851 42716  
26742 17976 42592 97462 03643 83062 94653 09584 16588 75786  
29821 00854 38678 57826 12311 46530 92084 44402 15073 70616  
68082 23215 08238 56838 25705 66456 12889 01057 00000 00000

44194 64589 77576 82730 60498 88851 50775 99073 48550 33744  
63141 24156 08883 03275 16429 50320 96058 09485 42016 65295  
77889 12314 18967 36243 24448 08384 36716 16961 12793 98403  
50829 20405 58365 87866 05260 23738 08973 00745 19549 98087  
62312 10855 64410 80190 92967 20583 74120 28129 99814 41670  
69172 28327 09778 57726 87615 46011 98861 73179 48529 36310  
16422 78325 96053 58190 23579 85194 97437 58413 81741 13891  
93514 17690 52161 34120 25069 76240 92455 91570 83510 80930  
61051 73852 59304 21178 65464 95670 86597 45819 15372 07927  
07470 78112 66405 60431 04249 71084 65601 72918 73336 70386  
34455 94049 38969 76862 50505 53089 30360 26013 13390 33950  
70659 26534 06318 02113 00000 +++++ +++++

**111487/9376/7591 kHz, 16-06, 1015/1025/1035 UTC**

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

**11487/9376/7591 kHz, 19-06, 1015/1025/1035 UTC**

16976 32689 20474 41577 63272 04124 52729 54705 70503 59859  
87407 98621 95347 73591 19527 56109 65176 24434 30959 43039  
66938 60093 00064 25309 75595 57805 00097 79622 01802 81451  
78574 59067 63499 58317 34782 49399 11133 23906 37615 27003  
61165 08258 50938 54437 17580 62223 58651 74523 86057 47096  
06655 88902 10522 36075 03890 32003 86725 00977 49653 76359  
32590 82642 79367 30211 19953 68464 45995 13329 97444 25493  
79286 21997 59155 62533 90045 19093 38794 19695 11602 10211  
34026 08811 95679 91745 90669 53182 04852 81894 01443 00069  
68750 70503 98951 04375 96250 48701 47605 06965 60791 04254  
64139 56043 01023 93580 21443 45037 03985 26365 15375 65427  
62984 23707 99256 97945 27369 35738 15721 90603 86383 29659  
80621 96962 54299 84113 98676 73102 48988 50851 15535 56716  
81159 69621 35959 76772 96413 47210 62810 67182 37324 36593  
36520 82903 17719 77106 79733 41929 26367 81609 76824 41587  
02235 81534 42953 22603 48523 65809 62369 79339 77653 74541  
00634 39679 04402 33443 20461 62964 29364 39906 55855 29446  
79942 36678 24238 19671 01038 34072 81255 07252 12632 66650  
47942 13447 76463 95321 64937 96997 38960 90774 53443 77664  
42636 59211 87607 16876 23133 96293 08014 03959 34090 80249  
30983 21365 67035 40085 33351 87338 58485 59823 17435 99469  
01437 04719 85849 27555 03444 80382 80888 29217 58459 60755  
68128 86717 24637 45865 68972 88393 25281 35308 71798 03165  
15120 28384 76414 21542 79105 86841 51493 61577 55917 21146  
09693 63199 03364 86229 30135 19350 47859 97641 82933 17392  
85180 04059 35464 89200 24669 77069 45058 93378 94085 04186  
67809 78048 47296 96015 38182 97639 41972 43535 99110 82121  
79504 86387 87266 82118 24309 78163 03197 38330 44709 59588  
21011 48719 42600 75556 17304 31880 64057 96950 24007 10043  
08099 33187 34851 60141 75771 46415 20132 06384 26765 03320  
29464 52767 35729 25457 87203 78969 65480 24064 10249 48058  
99301 30273 02873 99453 99502 56681 08313 25582 84440 51201  
21773 55658 41184 29137 94542 95036 16013 94411 83921 93564  
49928 85907 28624 41373 51384 09827 54366 15558 23400 44035  
39314 26160 87260 25307 94082 34917 69989 55427 35970 45197  
47770 87074 62124 86559 62521 75421 51317 42390 53798 06402  
49021 94031 73215 37578 15475 79861 73577 12533 41426 92748  
89900 34744 61231 64320 54521 11866 18017 09491 13470 06355

60564 29679 36307 53386 76639 98146 36598 31988 92415 75920  
45220 00341 92712 31698 03696 31168 41714 64215 69728 08170  
08870 50471 52128 69421 29651 68289 17330 03407 00000 +++++  
+++++

**11487/9376/7591 kHz, 20-06, 1015/1025/1035 UTC**

35127 85145 34494 36420 41514 67086 34360 87257 56660 64693  
17229 02996 78546 71266 41556 10745 91926 31543 10889 02545  
03452 86079 39516 82326 70254 82918 54531 95008 39176 42469  
64018 86163 38825 86560 46035 65676 91655 67578 38080 73856  
38256 58652 31746 73425 91027 90800 02226 15813 59443 47999  
27376 55218 14089 56087 76016 08858 81641 26463 70154 86839  
88010 40502 50822 40109 91800 85634 02220 99893 75296 79022  
13841 07091 85155 39768 85276 55039 39994 95599 03379 94098  
47058 34961 46486 04083 00000 00000 00000 00000 00000 00000

72305 97985 13874 86434 18285 64981 71756 77373 15673 40675  
70435 54157 28154 04003 82208 41334 68779 46760 73745 85707  
13831 36659 90117 20223 40995 01961 46732 67402 65300 04886  
65118 62019 71236 95979 13500 97700 64503 66615 38083 27136  
91835 41842 96013 70597 02319 80738 25924 12439 48656 76482  
17023 90276 51809 73313 62649 06528 77459 42575 09246 17006  
97715 85030 36669 76252 36523 51628 30796 44288 22194 99920  
34347 84489 95507 28311 86865 07256 46813 55316 89807 39168  
80575 36045 57651 22325 30795 33063 40991 73538 75752 83841  
32535 58087 25503 31981 91954 57698 80554 14383 50515 37464  
85190 21574 81432 05103 00000 +++++ +++++ +++++

**11487/9376/7591 kHz, 21-06, 1015/1025/1035 UTC**

18128 86717 24637 45865 68972 88393 25281 35308 71798 03165  
15120 28384 76414 21542 79105 86841 51493 61577 55917 21146  
09693 63199 03364 86229 30135 19350 47859 97641 82933 17392  
85180 04059 35464 89200 24669 77069 45058 93378 94085 04186  
67809 78048 47296 96015 38182 97639 41972 43535 99110 82121  
79504 86387 87266 82118 24309 78163 03197 38330 44709 59588  
21011 48719 42600 75556 17304 31880 64057 96950 24007 10043  
08099 33187 34851 60141 75771 46415 20132 06384 26765 03320  
29464 52767 35729 25457 87203 78969 65480 24064 10249 48058  
99301 30273 02873 99453 99502 56681 08313 25582 84440 51201  
21773 55658 41184 29137 94542 95036 16013 94411 83921 93564  
49928 85907 28624 41373 51384 09827 54366 15558 23400 44035  
39314 26160 87260 25307 94082 34917 69989 55427 35970 45197  
47770 87074 62124 86559 62521 75421 51317 42390 53798 06402  
49021 94031 73215 37578 15475 79861 73577 12533 41426 92748  
89900 34744 61231 64320 54521 11866 18017 09491 13470 06355  
60564 29679 36307 53386 76639 98146 36598 31988 92415 75920  
45220 00341 92712 31698 03696 31168 41714 64215 69728 08170  
16976 32689 20474 41577 63272 04124 52729 54705 70503 59859  
87407 98621 95347 73591 19527 56109 65176 24434 30959 43039  
66938 60093 00064 25309 75595 57805 00097 79622 01802 81451  
78574 59067 63499 58317 34782 49399 11133 23906 37615 27003  
61165 08258 50938 54437 17580 62223 58651 74523 86057 47096  
06655 88902 10522 36075 03890 32003 86725 00977 49653 76359  
32590 82642 79367 30211 19953 68464 45995 13329 97444 25493  
79286 21997 59155 62533 90045 19093 38794 19695 11602 10211  
34026 08811 95679 91745 90669 53182 04852 81894 01443 00069  
68750 70503 98951 04375 96250 48701 47605 06965 60791 04254  
64139 56043 01023 93580 21443 45037 03985 26365 15375 65427  
62984 23707 99256 97945 27369 35738 15721 90603 86383 29659  
80621 96962 54299 84113 98676 73102 48988 50851 15535 56716  
81159 69621 35959 76772 96413 47210 62810 67182 37324 36593  
36520 82903 17719 77106 79733 41929 26367 81609 76824 41587  
02235 81534 42953 22603 48523 65809 62369 79339 77653 74541

00634 39679 04402 33443 20461 62964 29364 39906 55855 29446  
79942 36678 24238 19671 01038 34072 81255 07252 12632 66650  
47942 13447 76463 95321 64937 96997 38960 90774 53443 77664  
42636 59211 87607 16876 23133 96293 08014 03959 34090 80249  
30983 21365 67035 40085 33351 87338 58485 59823 17435 99469  
01437 04719 85849 27555 03444 80382 80888 29217 58459 60755  
18870 50471 52128 69421 19654 06405 00000 +++++

**11487/9376/7591 kHz, 22-06, 1015/1025/1035 UTC**

70500 78446 33108 89803 58787 99129 42436 14331 12561 32190  
71179 87664 89324 76547 45951 77902 79739 11358 66800 81652  
23655 94930 95560 34526 06322 64527 48593 43596 64462 85476  
36113 52782 56896 23044 15282 77064 79402 35490 49257 66494  
28506 11765 89395 85926 43879 02255 22774 21405 84043 16052  
52238 49155 15061 83147 01164 28106 16900 05015 60094 01884  
37163 42006 17484 21221 46866 11000 41690 22706 77961 91746  
06434 24829 47277 65334 76904 27235 96576 33231 98690 24151  
03414 90319 56735 67905 42486 50384 96494 43477 02150 47470  
24500 40029 85808 61561 30487 07095 00000 00000 00000 00000

44929 11500 71910 21325 78188 01333 85528 45568 49591 56431  
87285 64871 94708 05024 45151 28250 79404 55297 69482 09529  
58024 80140 05444 13214 21540 51574 73968 23053 59067 42099  
47192 22946 81194 35106 69299 44913 78574 11569 58708 23806  
14203 05191 52554 63434 72824 43188 79384 43811 15910 14918  
71015 24200 15632 35518 49496 21649 66285 96752 50094 69698  
96587 22260 66261 86957 31291 69372 27512 10223 75553 44714  
46141 71846 20499 25753 93733 26018 93403 05492 93394 53670  
00958 02503 38641 00680 39016 03471 74886 29054 67308 30452  
04468 85802 72513 50016 01138 19163 68156 08097 00000 +++++  
+++++

**11487/9376/7591 kHz, 23-06, 1015/1025/1035 UTC**

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

**11487/9376/7591 kHz, 26-06, 1015/1025/1035 UTC**

26597 36257 78840 12457 39627 79237 62698 65184 19178 00215  
01980 24871 90547 04457 73723 04128 28874 03069 85579 76823  
56599 48770 78658 11087 02233 98435 83996 70373 99439 77303  
87319 56040 93651 80767 81794 89859 48384 74722 13460 59905  
68448 80362 49015 78270 82243 54407 20667 24022 50321 00667  
27706 69860 92405 73888 99514 15900 50058 61836 49689 79017  
27174 56520 75956 11208 75499 50533 85586 45378 17354 19413  
50977 92019 22749 75986 25097 35198 83087 07614 71489 01301  
48634 32293 88510 98966 21940 34536 32487 53655 24416 66976  
69493 85275 78235 28636 10434 02318 70753 55785 09102 10935  
93642 86345 27923 62392 73911 83754 01061 87341 39013 31253  
49568 90345 83221 32507 28285 03096 27464 79527 09154 19753  
89795 73805 30655 62866 08713 11606 68035 53285 86481 69364  
04036 82513 44670 50116 04785 10954 09083 76898 30558 40450  
66269 44060 36091 34603 58810 62427 40132 85261 11553 59242  
68909 48651 05998 18836 03228 99571 45012 74951 83855 77084  
75064 90672 54899 20161 58169 86885 49859 16695 10721 05209  
50050 14337 51415 16338 70060 66579 25435 09739 49966 12542  
97096 25621 58956 13875 28139 15140 40083 97232 83848 39752  
50802 75754 34194 45673 79011 47986 42182 74374 39259 97671  
56597 95040 78812 42874 51324 69947 48290 07845 78445 88685  
16516 16078 27294 32167 34313 28008 06646 52354 76900 71756  
92250 78652 19596 40398 06876 86894 26510 54159 25068 91868  
56905 10998 19795 49312 18933 74000 93179 78315 25406 69030  
58503 40078 31323 91072 65660 33947 57808 42698 87258 96678  
32173 53110 07560 15859 98768 51176 81428 93424 80338 90914  
55495 20216 94535 52855 68709 47503 55310 69715 74481 66428

13848 49833 51583 31284 18739 96788 96018 87587 00086 48657  
11029 90872 07209 85325 37431 27141 54667 77316 91482 70915  
56258 74549 02446 41824 51697 58484 67051 45656 55658 06081  
63038 10838 83865 39009 88971 56238 35930 56556 22510 51281  
39597 75657 14321 54261 86124 26497 59829 39830 11447 77107  
15979 51582 02840 85421 55214 40666 35751 02190 73839 76376  
70500 73220 96972 39655 63525 14378 47266 35437 72874 57764  
69582 84780 62612 92534 28813 82729 35852 48777 23033 32821  
51080 97900 79175 94201 01469 67953 23408 02277 61871 97337  
43408 48831 33175 75322 84719 32557 38702 42822 48381 15937  
52361 51865 82001 49402 63209 07186 81494 48727 06136 38387  
45635 36568 13348 76107 50638 84111 66341 30628 36945 13754  
53043 96357 25403 48750 59831 30635 05028 20781 53086 80286  
59538 71358 29996 54375 24841 08025 43281 66572 94667 01266  
29531 95606 16539 33093 95846 37206 45249 33216 44466 45992  
46059 63756 40065 90741 64782 38426 49432 09427 00000 +++++  
+++++ +++++

**11487/9376/7591 kHz, 27-06, 1015/1025/1035 UTC**

00226 82219 93621 53666 23526 69055 03715 87601 19999 64781  
58400 26308 89928 36185 03227 19846 71329 96206 93475 26918  
82833 25997 24444 17650 41255 78791 54746 72080 21304 75259  
32401 33442 61808 20018 91016 00034 00047 50574 63206 54890  
89904 83048 33290 23684 11209 43344 43808 89830 39606 02362  
35510 79046 28104 12261 49148 59315 08424 22291 98549 86562  
51591 88668 17034 60941 28202 02578 58616 37725 17530 60456  
70310 47594 39295 43616 70143 58876 96664 56347 27844 87912  
32631 28774 56119 79819 85560 35606 27487 10087 00000 00000

45433 00758 41047 60514 91733 38008 60208 61558 91765 09227  
72955 90392 08634 05125 91600 06124 82241 78371 09036 02831  
73513 51764 84705 11478 69010 19755 64227 99631 07744 12393  
16159 96345 42528 77672 79172 51012 22371 53691 95198 93238  
40166 57903 84736 43566 18188 72168 88067 44474 49731 27638  
36927 94155 88363 04827 03262 99017 89815 60137 51103 33572  
33782 78966 96663 77693 53691 97391 57359 02993 34288 29620  
97091 98038 69099 55458 77575 73362 08816 11077 00000 +++++  
+++++

**11487/9376/7591 kHz, 28-06, 1015/1025/1035 UTC**

82734 07729 68760 02093 42958 71643 74552 80495 43125 45018  
00619 63939 42154 66839 38303 76452 98864 69061 69140 71579  
34515 91138 55812 43583 41519 69389 98122 73470 50516 72893  
93108 54056 73217 21978 29141 11077 79358 76404 44216 00636  
04966 34785 29496 41662 11529 84744 98845 10368 10392 84406  
16604 67710 59566 93564 75423 77970 64246 32920 38117 64414  
48446 71942 65850 53898 47995 08413 55947 89726 59290 54138  
47397 17353 85979 62835 02416 10499 34197 40974 70153 40530  
34538 42180 40714 60686 99487 53968 50198 90104 76053 06484  
18112 45614 73472 61146 64022 41546 50512 40693 31008 10192  
37752 71089 13942 34908 07521 98296 14522 99626 62649 81918  
62839 52444 59748 52749 57947 88889 28530 13951 23234 88097  
55694 31894 33736 24956 72623 54593 30744 52331 00553 30605  
02460 21202 12386 49840 86237 07369 10702 53776 21271 14393  
84742 31848 52075 72301 20383 10114 22683 23647 45714 76473  
89586 08406 53943 16134 77286 36381 39113 42535 34950 14426  
68643 69610 07672 26361 18465 47220 32271 41828 46323 43980  
59217 50479 48972 76347 56590 08956 94252 69317 86984 86126  
05045 35494 68712 62627 11826 91875 98217 11744 97472 42020  
79470 00703 33463 97874 26021 39985 74607 86123 60671 83769  
43124 53906 57779 18966 26387 53242 30074 62657 08550 86826  
28892 44725 10241 32131 00209 53475 26920 92930 53728 15163  
40558 71036 66195 22368 83070 63825 24214 67649 00732 89572

01975 98571 08988 37162 93556 89504 72069 49066 35574 13076  
51458 49403 62661 47243 25648 54467 13449 17948 95221 76670  
94011 95597 01596 20718 66236 06139 86137 45521 04374 27185  
17327 09808 36598 22689 37746 36019 36973 81857 78558 68385  
82737 49859 03764 08684 32619 73317 68459 43491 89156 46965  
88249 82124 96114 93814 56201 74322 26571 40747 38457 18319  
53480 71147 65086 88365 17127 86695 64083 27644 32211 25132  
06854 28594 73970 08400 44494 87969 68233 70788 96425 10686  
30751 43677 98628 20002 40112 44618 50267 98724 13399 36429  
96966 78075 84057 78631 60069 65127 93962 75293 81895 76590  
77312 82620 43044 21852 07694 37888 02312 50189 12186 67414  
97476 87336 44867 85019 85997 22927 80873 16959 37196 74800  
35289 18358 45455 67153 88943 46201 69927 09511 43814 17337  
53266 74182 37172 42606 32874 82145 51465 31699 35155 25261  
19651 50209 40967 15396 55291 75071 21168 77417 06197 34361  
28442 55932 09098 78874 62924 45644 33788 23075 81997 48221  
40412 70746 44269 87417 12779 25060 12229 47979 79737 71262  
13471 08735 52491 05701 87444 07934 28851 72884 84614 61728  
16739 83865 54485 60752 84037 81147 61436 28284 17744 62384  
00333 12421 00000 +++++ +++++ +++++

**11487/9376/7591 kHz, 29-06, 1015/1025/1035 UTC**

66115 90428 06581 42444 89293 24881 37811 90926 31337 35845  
73521 13587 06637 38021 82143 54793 11863 15649 74277 74785  
79005 35069 30876 52113 03251 75701 66778 33326 44737 30358  
48476 77814 73588 89629 94849 22888 90928 39002 38774 72427  
34674 99142 40632 84295 96700 67538 55496 92625 11651 39378  
34462 39860 55993 66146 33498 73134 06563 61411 56250 91018  
79332 79133 70155 40859 23204 16837 73439 44920 02190 60611  
86524 60470 03972 52478 94577 13075 00000 00000 00000 00000

09057 37317 24445 56024 22471 94857 13168 85080 09109 14895  
93337 12013 38446 22157 85107 23954 92542 91174 96619 12785  
62027 01673 51019 13090 81676 18828 26159 70498 30479 51959  
34135 84585 48881 84354 23022 25012 38183 51677 49400 56566  
78890 05222 92967 81250 04419 87390 67312 23544 84074 02738  
11394 37297 31184 48323 92629 13796 87689 06418 72713 91412  
61276 69999 69661 54856 79086 79878 25046 12604 67327 68264  
96806 18631 03705 39257 52863 81941 38248 32639 01640 06253  
98298 47704 12995 75106 28949 38525 85372 14747 87806 50251  
48330 14091 00000 +++++

**11487/9376/7591 kHz, 30-06, 1015/1025/1035 UTC**

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

F06 – FSK 200/1000

Link 00000

**10198/8082/6833 kHz, 19-06, 0800/0810/0820 UTC**

11100 00000 98146 16092 03539  
76865 81610 86610 75627 54005 03391 18001 55459 19814 26925  
14280 60667 18718 54794 65579 03012 90052 61380 07360 52547  
22838 60511 27389 16257 67687 58752 00944 57797 54286 36523  
65163 13043 87861 24245 68512 81121 23111 65685 56268 95623  
38995 85700 77986 05675 62853 04565 27878 21558 17277 66060  
54028 04581 88162 71529 97408 05857 37408 37073 46602 83710  
08665 16077 19198 54380 99596 54260 05776 55704 99081 69429  
37431 28490 12793 73126 62772 45242 25593 76362 45324 40944  
74187 46615 17282 25573 28461 08293 50552 83047 04953 03827  
31011 86282 60890 57616 46929 83049 42232 09975 27488 32320  
84149 13294 92336 95791 87385 07598 98118 14271 18937 17682  
92906 23609 10480 39021 14492 89878 52998 04628 93447 68473

11031 50067 46931 16821 04993 18795 74126 15397 34996 75017  
89302 76730 44612 16259 53395 47079 48016 02823 90067 30472  
68946 46336 97176 89803 64911 24562 89589 04662 35101 14673  
34287 90586 35415 62158 63685 09442 49065 27580 78120 25580  
86175 78332 73432 87506 10828 17621 54578 39712 18989 67823  
21224 94371 15746 50446 36245 17592 65301 29839 13072 09901  
12161 12878 82822 85656 96942 21776 27161 81078 15264 82248  
87807 45568 93121 94174 88655 96031 77218 76985 31421 38864  
63670 06932 50756 89305 13524 88446 39788 42851 28533 26764  
81995 78386 85628 94006 50371 97761 53510 05913 59805 31474  
39807 51393 83641 65145 42249 42112 70311 66504 02269 74272  
21019 17521 84489 19796 14392 81425 30528 89085 89043 59270  
60550 32559 19983 15722 21021 73134 49810 78794 02078 86868  
60632 43184 72975 73916 97643 31907 09034 87024 80301 95931  
08523 09714 62034 56480 22937 01373 24426 19694 49071 51423  
16812 18350 56361 09762 77216 60323 47915 85649 95580 88459  
78669 32258 05213 81577 79112 59036 13394 51259 58013 39105  
07090 14138 82591 03854 94686 44354 59568 41933 69712 35883  
65527 44832 07456 29405 00035 66221 30441 83417 59951 87253  
03687 94273 58370 05011 45684 94835 36623 86281 66037 86423  
42789 53860 65703 83754 75145 97549 60763 77565 14001 27062  
15669 44583 90334 08998 96900 59561 64704 55100 82966 89044  
14832 53959 91694 71566 55328 63364 10746 13952 37976 05492  
42280 92351 00000

**10198 kHz, 26-06/27-06, 0800 UTC**

11100 00000 25473 23093 00899  
25836 45193 99714 01803 03145 65352 83900 89198 78595 65733  
55246 62183 70026 81488 57406 41747 70930 97836 80207 70744  
39218 97466 77804 98441 88666 61540 92404 92880 19525 66485  
56995 48275 24229 56277 75516 79609 29132 94901 03907 21629  
58232 28676 80467 74415 29786 13125 78985 62733 21787 84089  
83039 01328 67222 77767 04942 83376 65050 29364 97742 34260  
17847 05043 33739 97868 32036 46866 47929 47597 41668 35413  
69837 39253 41664 99753 92164 48029 41471 29487 49685 56763  
75068 68501 06841 87637 28252 95172 77461 93087 00000

Link 10053

**20945/17515/15677 kHz, 04-06, 1530/1540/1550 UTC**

11166 10053 12547 04088 00049 00000 00000 00000 00000

**20945/17515/15677 kHz, 11-06/12-06, 1530/1540/1550 UTC**

11166 10053 87129 10071 01729  
56403 78746 20553 66820 36227 26422 72348 30866 63943 55901  
32219 44916 06803 35972 35058 02623 32812 41890 45079 83955  
95841 88127 98806 44612 12173 93519 73980 79774 33759 26182  
01813 11553 62051 73078 32872 15648 51311 56372 77246 00518  
91277 23455 72198 97100 41084 83507 97862 18747 16580 46004  
10005 96711 40492 65955 18892 30106 07513 41333 11538 15080  
35936 49376 19486 62000 35252 10033 99414 48307 02247 12404  
41543 91966 92693 83109 32389 81622 66912 67479 00461 34357  
00370 75858 95235 27482 41502 83583 13870 98581 52184 64914  
51901 75139 79970 79987 55635 17828 67225 44670 81485 05990  
56345 33042 60034 71454 64906 38947 59391 84071 69744 22097  
22415 39310 85122 52347 42312 46680 24720 48643 12298 62254  
90449 02208 76271 14815 70713 72931 39358 78476 32314 37020  
64210 78377 05411 16916 09060 58808 43811 03619 50534 89590  
13230 12399 81805 83035 89039 28601 93962 59886 24239 55723  
54020 30273 90147 12824 97747 33592 33816 17905 16999 87594  
23807 94987 42371 59126 99551 10887 05072 09687 38898 92054  
71170 00000

**20945/17515/15677 kHz, 18-06, 1530/1540/1550 UTC**  
11166 10053 13468 18001 00049 00000 00000 00000 00000

**20945/17515/15677 kHz, 25-06, 1530/1540/1550 UTC**  
11166 10053 63185 25001 00049 00000 00000 00000 00000

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**20889/18051/16087 kHz, 06-06, 1650/1700/1710 UTC**  
11166 10053 85214 06001 00049 00000 00000 00000 00000

**20889/18051/16087 kHz, 13-06/14-06, 1650/1700/1710 UTC**  
11166 10053 92716 10074 01729  
93447 75394 33419 59630 48638 43774 11517 34114 22550 03717  
14356 84849 33031 03353 90373 32176 39708 84965 55450 29142  
11272 03097 93128 33680 70610 04129 26669 08248 40241 58013  
29252 67045 02977 37241 97785 81761 81016 40195 63859 68723  
98162 32545 45294 60325 18490 93113 32754 30864 03766 73939  
65580 21737 91896 10536 07782 05099 58483 71869 26982 48945  
73422 48873 32949 69601 12634 41997 13795 71504 42268 64597  
15756 76917 74356 48327 16130 34560 67891 92145 27582 33629  
37382 15680 20708 62373 88649 56239 84227 45694 98896 36153  
97170 45692 77473 81076 93401 87827 46689 15312 05553 09402  
81915 12138 26671 17268 72565 52816 34614 51616 80066 21479  
15927 12037 75171 45370 00611 08727 67803 28911 12210 09890  
18845 55995 54232 17227 28191 94137 45927 60016 63549 33205  
37344 30770 65809 32370 61519 91335 95585 55494 88290 72661  
60510 10942 54474 16740 10234 93197 68737 08404 53884 14573  
82425 32392 84707 60567 90817 48893 28086 94720 79870 16982  
72133 66662 48739 97074 05311 32033 81939 49950 58758 28638  
74170 00000

**20889/18051/16087 kHz, 20-06/21-06, 1650/1700/1710 UTC**  
11166 10053 14789 16075 01729  
20256 44590 33418 47395 75447 12970 11516 22879 59369 72913  
14355 72504 70402 97901 75421 07791 41367 91516 48955 07261  
58872 80644 07816 77172 05271 08828 61292 77307 62638 61715  
63979 93580 11398 12562 55554 22686 99718 37715 24414 36140  
78947 80202 58015 94936 38799 53627 54193 39140 58315 98016  
40140 12155 50033 71045 52237 25122 39080 55002 43261 54648  
67819 98078 65369 30570 19168 36529 89207 39338 56854 77908  
52044 60175 14888 01696 29189 24682 28416 48781 29625 87773  
76011 92514 53579 38661 42906 25452 14831 85883 24025 11680  
71281 81048 60379 42680 70576 87548 33325 18050 12802 27201  
67035 64394 94754 09666 55296 24364 11986 94705 60604 56863  
96959 09509 25626 30931 82026 98202 79700 03373 48986 48365  
67114 30185 10892 42674 67566 47463 72797 96304 87587 14156  
43572 88222 09588 17828 81169 37025 31654 72231 97328 83705  
78805 56970 13467 31648 69943 65989 71463 39283 43514 48977  
94008 32887 36428 64833 85561 73794 44120 11552 91710 05588  
06547 35128 85659 84309 02572 84934 82927 44779 15952 24776  
75170 00000

**20889/18051/16087 kHz, 27-06/21-06, 1650/1700/1710 UTC**  
11166 10053 14695 27001 00049 00000 00000 00000 00000

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**12227/14423/16283 kHz, 27-06, 1030/1040/1050 UTC.**

**File 10053-~1.TXT (2034 bytes)**

Header: 11100 10053 17563 25155 03299

See F06a.



Link 30154

**20259/16331/14678 kHz, 06-06, 1230/1240/1250 UTC**

11166 30154 25894 06028 00049 00000 00000 00000 00000

**20259/16331/14678 kHz, 13-06, 1230/1240/1250 UTC**

11166 30154 12345 13609 00049 00000 00000 00000 00000

**20259/16331/14678 kHz, 20-06, 1230/1240/1250 UTC**

11166 30154 15975 20059 00049 00000 00000 00000 00000

**20259/16331/14678 kHz, 27-06, 1230/1240/1250 UTC**

11166 30154 12547 27072 00049 00000 00000 00000 00000

Link 40023

**19837/15629/13955 kHz, 14-06, 0915/0930/0945 UTC**

11166 40023 17468 14001 00049 00000 00000 00000 00000

**19837/15629/13955 kHz, 28-06, 0915/0930/0945 UTC**

. 11166 40023 12345 28001 00049 00000 00000 00000 00000

Link 40122

**17420/15673/13361 kHz, 01-06, 0600/0620/0620 UTC**

11166 40122 26714 27056 02729

87916 07283 80990 22317 59907 62724 76564 96610 36447 85523  
64803 77657 84202 53230 29517 39854 26899 18132 75487 98781  
75804 78445 78141 28331 59146 44126 06376 43564 80134 45750  
60706 60224 58290 59902 93945 66855 33758 49495 06577 70444  
39303 42479 34033 01543 69658 97363 68048 89802 02933 28989  
79290 45849 53757 92996 33434 10448 62847 52420 17898 56891  
52692 74853 21398 57542 04033 33608 33527 50482 32838 11330  
56543 67190 72446 29478 46549 07190 90580 52130 26250 70619  
95908 37539 36495 84636 13840 35878 18757 84612 36256 56622  
45771 36056 74845 53987 42499 08184 72740 03878 64615 35100  
54154 70777 26696 25508 16673 88013 97308 06891 95931 99842  
03182 15106 57326 38788 09640 65325 94469 36667 69499 65265  
39079 92753 57610 56631 11963 47495 33228 95729 69821 35248  
97402 09173 27529 14444 37577 85620 60595 98637 76584 89500  
17487 36874 68215 07623 96499 16806 06572 64662 66874 89004  
41360 68409 38832 35900 16343 70754 12227 33784 73113 55325  
58495 81322 87395 87725 15598 93002 30046 89312 00637 80968  
69958 20436 69833 73662 61037 84097 80555 44726 80453 85955  
35094 50593 10354 11611 10846 00211 80207 07123 06631 05322  
11996 73675 59794 84761 35410 12351 13806 21187 65271 79931  
41033 93685 58327 41678 50370 34707 91643 32017 34434 84742  
29760 59074 35981 43197 72806 13999 38261 38894 02758 70998  
08980 68638 70028 89050 52564 77294 87578 51198 50414 77792  
24735 02386 93830 34529 17900 71768 39311 58569 40345 90431  
40885 88112 98276 40454 39202 52645 45355 96262 12033 44224  
32858 44205 15893 44328 37679 91282 73462 79707 35343 98982  
86492 05680 10232 03149 78893 40305 20196 05813 99680 97874  
56270 00000

11166 40122 16349 27057 02259

57764 49953 40473 95156 75102 13088 47234 28826 64950 80657  
30928 47537 14685 85128 06803 67046 75725 21765 16960 01853  
15460 76981 15926 11769 43867 30254 23892 86878 32051 15478  
77315 19310 64835 52759 31575 35256 94650 86536 95368 85693  
88856 90997 01528 19230 87728 28718 43951 85511 15260 73453  
35338 42643 09995 33034 65412 67043 68062 33299 64314 89180  
15609 48994 00866 03625 52808 92585 70379 26857 36643 96917

51708 01263 94648 52663 38222 68762 86790 86484 72394 62503  
57685 90867 38693 90055 46329 41541 94459 06551 45548 63444  
43457 01201 28330 31154 81794 45630 83240 14733 70887 77465  
26118 06917 17169 17611 80214 92593 63216 44659 41987 46502  
20002 74866 74717 70089 94933 21128 97156 03469 95389 29400  
59370 73411 12433 15995 22984 63313 14377 54202 88005 16065  
04914 83652 33424 05779 25478 40878 63756 39293 06528 34505  
78744 73406 97454 13506 08387 58762 29778 01962 80481 46341  
93337 98760 12884 17485 30163 65679 47654 23388 75698 52277  
69289 45006 02085 31049 74223 09311 43176 41267 83785 22828  
05987 64947 17803 08397 98246 83390 71034 56093 26759 87720  
59623 24251 46249 41869 29760 51512 63385 21432 45738 65858  
25661 76853 99587 01544 49838 94351 09489 59885 69616 53043  
99128 74825 07234 01697 75213 69233 98682 03551 45312 12851  
27223 22631 43210 17848 44885 50020 53979 32903 86646 93496  
55942 21768 06977 57223 00000

**17512/15930/13503 kHz, 07-06/08-06, 0600/0610/0620 UTC**

11166 40122 35216 03058 03379  
48142 74320 22627 97271 91146 64288 76399 31778 21885 58913  
03700 86714 26538 21004 53119 52767 72191 29233 09207 83617  
56906 97220 31650 10579 76681 77098 16810 69057 51493 58470  
36323 10265 77609 98732 32422 96621 98363 45678 74702 04294  
10568 38313 07983 81285 48754 96847 45984 34549 14451 37775  
90482 44522 42648 74989 80646 30561 22668 92872 02235 15673  
15617 02298 11345 64010 35601 15475 52400 89561 86905 00584  
75062 59459 74316 02129 79758 40366 28769 37954 46508 61354  
15527 08857 26735 91734 17056 81737 02765 57260 07802 32217  
44672 43148 63045 57670 19190 57354 69028 96604 30351 52542  
26535 15323 96559 30174 65122 47809 93769 75174 10174 99777  
19471 94598 69987 52815 57160 58738 35051 29562 45989 68104  
06730 05862 85270 94732 97527 80826 28545 71243 70116 40743  
46878 26080 07328 77773 66085 88395 30286 49366 07572 10990  
06873 89339 87469 84758 17712 06554 53768 43080 71863 32123  
66118 79585 89409 01100 47993 27740 93121 79564 65913 75682  
76401 73072 15397 14753 39672 77375 18345 45149 12425 57373  
61533 87156 03081 65220 30911 71370 43894 33536 21381 06368  
23040 04643 26763 47258 21113 81784 39615 13543 94201 13249  
15608 29743 70732 45339 82135 87199 54269 05134 95855 50520  
49463 98966 78836 57080 53328 37564 88015 83037 79038 23789  
97630 74274 04435 63906 99346 65738 62422 88335 49723 37580  
15452 92803 19756 81556 81270 35850 26135 76123 02131 53613  
48946 93655 74642 77844 65475 88229 82455 68077 54815 37421  
98964 93901 52967 36533 52220 28259 63104 68706 69234 37731  
50718 99348 41869 80718 78295 68318 81490 49477 59247 78290  
54584 16943 35759 02766 16515 74268 10255 62135 85616 70030  
85157 41250 24801 87025 90646 46940 22876 17613 05086 28903  
92758 23515 97811 12413 28765 91041 48978 16285 90178 17653  
26138 54527 03267 90813 22250 45125 98944 45063 84793 74389  
28278 08253 90697 90310 22991 72876 46744 23354 93197 53438  
20152 58133 79513 15791 29029 04397 01762 89386 47369 40778  
71434 98373 04287 29725 60128 72478 82183 27068 41110 23613  
43523 34648 46218 99139 40907 58335 00000

**17512/15930/13503 kHz, 14-06/15-06, 0600/0610/0620 UTC**

11166 40122 98514 10059 03029  
86944 07630 65790 46806 10580 86124 88292 51529 05706 71571  
25838 96967 52219 54540 61721 26818 79701 13475 15883 54323  
97122 81977 75049 81755 33976 73212 08530 48109 22522 09878  
11833 15966 75832 33191 45310 33446 41325 89301 60006 32205  
34477 16597 27896 47394 82390 82307 18715 70538 31922 41885  
90553 71257 02044 19558 86404 48774 85130 33523 53862 99140  
26861 14197 30152 09138 39418 88981 59672 12752 27683 31961

36255 71206 33097 01980 87313 62455 24895 17546 42070 91087  
93380 41973 51060 54581 24948 77228 49091 26846 63525 89898  
78839 44977 88131 17730 17292 10186 61234 30167 72193 38811  
27598 41334 40710 24381 68302 98901 47488 96631 39634 97255  
04284 88451 51517 88435 58378 46665 65188 89254 21935 47599  
14804 08051 99513 03379 82641 39507 55907 69879 82627 00971  
91503 92277 31830 08720 17353 49137 14642 17603 47128 80964  
69319 72498 48167 14183 51581 45029 18793 16443 54931 53964  
84074 44226 92418 92752 27249 68670 69509 12622 98964 90550  
02755 34684 71547 80364 63951 89476 30478 04448 54474 07388  
20254 23060 39477 08399 86842 71432 96638 64574 83904 59408  
59152 33747 34961 51479 57637 87838 68723 11737 90664 84229  
69742 26093 78586 53656 11580 36849 80345 03025 64691 50846  
77974 56624 96198 07086 58442 84144 03746 14757 47564 88951  
50623 97621 75643 55056 94356 05674 79540 76206 25926 80027  
70853 15550 61831 81963 24904 69301 56167 22071 70210 32848  
24913 50432 83127 92739 99609 93770 17367 92983 52622 50513  
23049 49108 61175 79702 35009 08407 02338 44690 35019 79817  
96159 97554 17630 81861 39136 15180 14305 82094 95191 22931  
55554 26495 36375 66863 75733 82226 50444 20408 90212 42229  
57533 36461 99592 65049 03095 80833 00662 48376 19292 07968  
08779 59694 72038 64890 21363 72509 35872 34326 77195 81576  
63845 52895 91198 95572 44622 65363 69401 30639 63974 00852  
59300 00000

11166 40122 19753 10060 02769  
33754 53255 12852 81965 11509 45846 09233 02762 68832 93604  
25920 36510 93335 15923 41490 59172 55234 90897 56569 99543  
01796 46347 42633 51988 64779 15752 15511 12715 85554 82594  
50782 25521 87578 61498 83262 47949 50926 89630 57750 73793  
68559 26795 23236 72883 89019 87649 87753 34099 75237 54496  
76067 22541 34138 44069 57373 86801 96741 26769 35210 77266  
53429 21772 16765 61394 74086 16459 03764 46901 67781 83597  
72121 48800 61696 94711 32565 61215 03973 53087 89382 19930  
20178 94834 39522 66586 78069 31470 79196 50486 40345 32418  
10203 28928 10075 70912 63131 52015 98490 81699 79663 42872  
69827 04005 21133 09216 42909 08184 95544 47198 54150 29506  
20241 23491 11676 57507 62399 46511 95246 54337 24546 62755  
81662 00559 67282 39171 00351 91819 86400 17488 48814 34843  
86586 51474 22628 16171 18884 63034 39676 42099 74126 78085  
63318 73244 49506 28168 54161 02169 30476 28709 05139 47523  
55176 69888 39576 63113 53556 81029 76931 85361 78408 54480  
95896 67577 70466 39883 49558 14478 24785 44815 12288 35412  
50573 02691 63057 79697 41667 93908 34878 02539 99845 31138  
85030 34940 78155 44722 65785 16064 36444 29103 00302 91467  
26299 36222 93386 85652 47551 26837 31810 22374 43562 15678  
53846 91137 27460 71395 92758 83327 56527 57224 23882 46396  
96911 23316 70015 29565 45863 86660 44797 19459 03678 59548  
38760 89127 12532 12506 77747 08879 04401 82634 08382 92362  
21250 63306 90267 76353 27676 36138 99626 57657 49201 31190  
74042 35586 18389 26325 53002 33439 20131 19074 04235 58618  
38926 32553 00233 43397 14878 09687 68253 71132 97888 29140  
76088 06016 65199 01947 80279 22199 94421 50423 38680 15272  
70114 05441 21041 86012 60274 00000

**17512/15930/13503 kHz, 21-06, 0600/0610/0620 UTC**

11166 40122 25930 21029 00049 00000 00000 00000 00000

**17512/15930/13503 kHz, 28-06/29-06, 0600/0610/0620 UTC**

11166 40122 78541 24061 03479  
93644 91009 44933 67933 64322 50605 15652 93726 96770 42659  
86994 15861 84838 21452 30530 68032 51281 47115 53734 96684  
48606 58628 08705 23309 64316 68779 10729 56056 72737 92044

21408 24106 00612 41303 76023 33232 98647 54351 59821 65984  
36216 36132 62912 74950 61382 27620 68477 42509 93447 37318  
53956 05540 40209 96271 09911 68492 57105 22571 06258 53291  
90449 06255 60549 59482 71931 50563 87987 33075 56570 30479  
37871 67511 21323 54486 46153 85205 66512 40494 58797 73083  
87288 41854 05626 70562 07283 84415 29341 33416 91666 00555  
99411 21951 81787 71108 65508 86935 18577 11163 30178 51726  
46916 60617 45445 14018 18141 65485 63023 15660 32884 60841  
92833 53980 91435 91373 49503 33049 43810 30470 91545 78322  
56708 83774 82903 63096 39559 88157 31537 20223 96835 42033  
84760 37515 98823 27956 85996 60276 88036 13452 22642 49403  
63462 40994 19745 68488 09831 43093 59160 98360 64085 43407  
28886 02517 36252 29834 32256 91852 26889 10513 11699 62164  
08307 88669 66713 02830 61743 17250 70792 00122 87686 19272  
16939 83593 31527 84846 46501 88958 91729 80788 40982 35917  
02715 33761 81533 44364 09631 72901 05809 37407 77210 42851  
16870 04643 99900 23133 23827 24123 05438 14813 18913 66453  
69080 80394 20659 29449 80668 47855 37885 76802 94514 90237  
07447 10430 08942 72414 09157 40294 51490 23707 44710 43008  
94272 41409 15740 28602 63842 44040 36705 41912 19983 08526  
57250 31231 79520 70830 91358 12250 24792 37038 16491 82503  
69622 82025 10716 25763 75027 96670 32509 29799 31790 69542  
72924 65968 52135 13988 34809 04050 37669 76577 18761 60772  
15767 87827 20508 05478 61622 41154 69405 71338 48112 10979  
62727 45593 90689 45933 75458 37208 79486 98108 50245 45433  
15800 74263 97223 77662 95170 19950 58393 90055 04229 72488  
16225 49345 23491 43723 51205 39278 53312 18502 77980 60122  
05158 79818 14815 94673 25408 96549 66028 39209 43853 34728  
22109 22813 64104 78287 07198 63528 38064 70221 28617 34752  
91683 10083 08137 40332 94167 68777 99668 21781 87829 06572  
23078 46069 20772 05267 68786 47410 49593 50464 52870 21499  
04297 24875 27335 95617 32599 61345 00000

Link 60070

**14929/12133/10359 kHz, 06-06, 0030/0040/0050 UTC**

11166 60070 12457 06001 00049 00000 00000 00000 00000

**14929/12133/10359 kHz, 13-06, 0030/0040/0050 UTC**

11166 60070 54879 13075 00049 00000 00000 00000 00000

**14929/12133/10359 kHz, 20-06, 0030/0040/0050 UTC**

11166 60070 79135 20001 00049 00000 00000 00000 00000

**14929/12133/10359 kHz, 27-06, 0030/0040/0050 UTC**

11166 60070 85692 27001 00049 00000 00000 00000 00000

Link 70059

**12194/10943/8116 kHz, 05-06, 0400/0410/0420UTC**

11166 70059 12547 05045 00049 00000 00000 00000 00000

**12194/10943/8116 kHz, 19-06, 0400/0410/0420UTC**

11166 70059 13467 19001 00049 00000 00000 00000 00000

Link 70202

**11474/9234/7461 kHz, 01-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 02-06, 1200/1210/1220 UTC**

11166 70202 15238 31020 02179

58389 43140 79822 49586 63679 53126 83265 13551 13262 29801

10355 67089 68969 36212 20738 05485 67449 31743 67075 45720

37052 50307 54748 68781 28097 45434 36045 34328 04959 44437

49751 22403 73401 78851 42097 81894 41611 83329 29976 90415  
38352 80183 92398 55300 36691 91753 01101 10396 56724 47800  
26249 88351 45752 80103 78185 73074 59321 21457 71138 62053  
91593 51237 19851 93235 28464 54757 05051 16134 21873 88558  
68709 11867 08739 68866 25021 91812 22974 25358 98042 29557  
73983 87469 21935 05833 90124 95393 64732 71141 50532 52984  
61589 55727 53766 64731 68438 81607 96710 24019 71992 56343  
62165 44827 17032 53234 38570 54087 36921 07622 20286 86865  
98272 83998 61890 51567 95723 93610 84904 57346 57737 67219  
60411 20912 49378 12747 15977 94916 83002 12457 40334 85110  
72791 39378 84255 48459 94071 97659 81056 89399 33359 16532  
35160 96430 40058 52568 52170 86224 15767 79943 08887 47443  
02109 73356 86698 01450 53046 13328 16786 22103 02592 68535  
10593 81819 63881 34902 73970 16095 20520 36099 28471 23669  
96158 15163 88186 44520 13231 71922 65612 82884 76777 25904  
04932 67479 44321 09414 66198 66118 67699 20492 08820 96913  
17821 90407 47806 03244 28258 45394 81200 84683 18629 67317  
12148 01071 83707 82945 14024 91910 59184 36532 12068 78302  
00034 25375 79960 39562 32406 20215 00000

11166 70202 37846 31021 01239  
32527 25260 01436 32002 93948 77603 32199 45417 30777 69382  
23728 38374 32980 71708 12892 76849 13533 39854 03085 87936  
33553 82706 30226 83637 90042 45211 93718 09371 27159 08482  
75772 34370 56961 37285 97554 26164 00567 29566 85587 76329  
85655 47720 46844 69695 61257 36286 75961 14199 15763 55752  
43035 73569 09099 87166 35404 70030 54992 87229 51888 49209  
14278 98570 72893 24447 85177 44883 54843 42682 01482 65607  
22362 39110 74587 69858 56640 72795 40322 14274 03444 60429  
96476 34480 49178 50424 42020 84853 38463 04521 53890 66279  
31643 79105 62335 46570 25680 23422 10720 03269 86865 36865  
10743 43481 68778 52547 29006 80463 13944 39312 65864 71625  
62611 39405 12498 47654 17109 83967 97149 87428 35193 53554  
56452 21121 00000

**11474/9234/7461 kHz, 02-06, 0700/0710/0720 UTC**

11166 70202 21487 02047 00049 00000 00000 00000 00000

**11474/9234/7461 kHz, 05-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 05-06, 1200/1210/1220 UTC**

11166 70202 85329 02022 02599  
53892 15127 19279 05235 62594 20224 52211 04692 21639 63213  
00801 89982 30426 71826 32396 16290 32023 72222 06867 03341  
02007 01919 85016 96247 46374 68134 64053 61591 75739 87483  
19794 17200 47974 67950 60296 19060 96496 19086 20603 53787  
86396 01372 53288 10107 65574 50674 94491 27775 03092 38734  
10127 47372 31910 55636 51956 09424 38220 25180 78214 76263  
64535 89105 18467 75100 18742 21096 87404 85701 06297 56514  
77238 21151 27752 48787 83403 75110 08808 88397 43252 34015  
55062 45407 92415 77661 48665 21450 68535 16594 29045 22141  
17043 39763 24910 85827 78677 70864 29709 29632 63433 56807  
37733 98707 40610 36752 83045 29664 99679 65155 48442 64086  
61626 87244 36607 73087 45469 90385 20670 78838 19653 79758  
16346 84002 92977 51785 42837 45021 24779 63757 64700 50186  
59024 23087 31858 88427 12027 44621 59931 19774 68462 49468  
18109 83392 65371 03759 16706 04187 68835 20789 11632 83846  
73021 74979 67933 87316 76271 01087 49603 60619 13937 77107  
27855 40949 52631 14315 25037 44999 75604 02851 36376 46446  
13909 86337 96749 78530 03061 63917 84653 22677 69876 43175  
80572 69076 79166 92381 21930 60196 94987 65487 21809 53117  
36129 98304 43623 61673 30523 99324 48947 64306 98275 83597  
60659 88575 17988 23116 08622 08278 56077 12141 50057 14091  
63763 70909 81824 43698 71424 36152 86771 82315 35002 11870

81363 69572 14145 78801 56768 73676 86777 86015 30577 18799  
29783 73079 51370 76618 20485 96214 23292 57972 38619 56914  
42837 65527 73484 56422 65034 93439 65946 24540 41204 84912  
40004 96179 95493 83606 03590 34112 32365 22257 00000

**11474/9234/7461 kHz, 06-06, 0700/0710/0720 UTC**  
**10762/8191/6782 kHz, 06-06, 1200/1210/1220 UTC**

11166 70202 17238 05023 01559  
41430 79978 85394 75371 62436 22064 58728 44758 63869 06316  
88378 49713 45891 71316 31100 68223 44509 02450 15548 27237  
87796 81750 35268 86346 08065 17535 40605 16104 27189 39757  
59232 19399 57257 72021 99976 69349 83748 16202 19636 62120  
23406 10583 57466 08135 74015 47486 67039 10088 98258 61298  
00148 01231 08843 22851 22444 42330 47081 01083 65516 00767  
72117 77927 45066 60197 02991 27361 99889 34219 80710 94544  
31357 82478 42545 36005 48050 52654 25699 06785 45281 96765  
42576 05509 74148 35221 94815 13287 79837 67073 18276 87418  
13849 49892 76170 95801 49831 97706 42533 03016 57729 70457  
43203 43995 15901 53377 46518 46241 65930 49765 20900 86504  
39788 35567 01522 92878 14053 49215 33251 28243 70863 15154  
82038 15986 70304 24501 31962 93954 63898 21271 10101 07568  
03902 67601 06419 78017 28090 86425 80869 06514 24717 05020  
74889 00500 07335 47869 69468 32773 54174 52284 56997 69463  
91749 05213 19068 23153 00000

11166 70202 17846 05024 01779  
43479 06269 77580 92575 42765 09936 52708 55209 06032 52459  
74699 04104 05661 28631 56932 78302 72584 46708 83642 88699  
84883 90128 12232 98357 13113 62915 94040 95104 27061 42210  
30762 42364 93618 86368 08690 19134 20452 72069 77982 85071  
25156 58853 69137 31609 34595 04552 63862 05045 44099 80023  
62518 12539 91210 56648 15347 46966 23673 65016 09639 91545  
66343 48236 30064 90194 16719 58321 34317 94547 23764 69071  
11291 23566 29725 03899 13962 96688 79619 02033 84158 26451  
28095 71543 11419 81516 98328 02612 93115 56056 72674 39502  
88044 06413 19731 34654 80641 40984 87522 33346 98051 74273  
17485 62356 47203 81031 58935 21080 64092 11438 88719 98503  
92467 53251 65721 64516 34090 51870 74926 08962 37765 24248  
40721 26889 19332 27585 14117 73424 29797 68743 63586 36721  
13800 65330 24210 02400 25598 94370 84797 07942 94758 89518  
17692 10455 58747 72737 80940 16255 04593 31401 47506 45707  
86829 76725 41229 31754 13889 44503 84204 75570 20144 24046  
85279 07792 65775 26300 24347 28740 31669 27048 12133 26095  
01507 46150 30150 93440 48269 24175 00000

**11474/9234/7461 kHz, 07-06, 0700/0710/0720 UTC**  
**10762/8191/6782 kHz, 07-06, 1200/1210/1220 UTC**

11166 70202 98451 06025 02439  
82896 81456 65385 72744 33389 07237 11566 43460 53126 72187  
44893 39186 08343 86950 90906 24305 79409 20734 07452 22007  
27087 76340 78525 77254 76062 51603 40246 80382 01717 16947  
87392 93532 31040 63746 33938 47107 93652 03172 26042 98427  
83863 20211 30902 69795 19692 12554 49938 08125 09807 69031  
29720 33353 64312 67289 69091 67798 10318 95385 45923 63679  
98228 27009 11929 70942 09703 04989 28986 12634 03199 12800  
45405 59958 58058 38742 35565 24245 03073 62478 51377 07990  
40445 18632 58994 82170 01106 17114 59216 82013 92319 24880  
15024 38411 23505 38803 34677 87168 21219 04339 83816 23268  
69239 59691 25014 92345 34682 10142 08188 36555 66091 62249  
60349 37022 74436 72600 48094 20061 32963 90793 11290 19350  
56824 01355 91384 11258 48432 94260 02794 65490 19481 18769  
20782 78265 25553 00232 84289 80196 74270 24585 37135 36060  
92914 20205 56040 78655 66458 91812 38903 43933 81943 86118

51763 99570 40145 93887 57902 84207 20459 18125 77497 99497  
09946 63061 51295 22194 32479 23617 06716 28431 38919 80055  
49837 47405 44272 27493 31701 86639 22746 94957 62364 96012  
96665 33691 71154 62752 80161 79370 36537 54563 63596 17954  
34068 53096 49633 09810 75832 44934 76918 51856 39840 62280  
92289 82353 12787 90549 57457 58078 94642 85031 01102 58537  
38487 63836 52313 96927 24039 69281 16315 42510 88313 14939  
78417 84113 61849 60502 47123 89423 83932 81678 72336 39771  
95269 27290 99601 45088 31537 80763 46324 68733 66239 68207  
10888 25241 00000

**11474/9234/7461 kHz, 08-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 08-06, 1200/1210/1220 UTC**

11166 70202 17239 07026 01539

59632 54063 89198 01384 77907 28652 98816 35883 97574 38530  
84334 36206 23291 89864 66018 25820 58108 01510 31079 80510  
54569 79218 98492 21202 22536 73547 02264 99052 98448 44887  
10348 58784 05691 84067 21389 91163 60765 61954 06496 10584  
04951 06498 88205 18682 66137 30655 73859 39929 80521 59632  
85548 40130 28861 30872 53836 63769 66954 65248 67431 51146  
55060 32873 96009 21229 15920 61979 28371 31166 76084 64304  
93107 48408 70232 75421 53984 96347 13159 33436 97214 59444  
69127 44512 52816 58754 73278 08649 17234 33811 84774 04141  
69427 91784 76363 54180 97595 09874 90063 24016 78735 01849  
13649 22118 78221 84696 57618 03786 61592 06302 37341 00636  
35731 20097 90073 24401 61627 17623 81512 18492 05909 54946  
81601 55738 23330 33844 14250 05770 87407 23730 10679 20459  
11385 35229 21053 10868 26717 81350 64115 14136 11261 87202  
19484 73745 84367 34177 92324 81610 11045 49536 05064 55409  
82397 26151 00000

11166 70202 34856 07027 01759

18531 90177 38849 24851 45348 11632 43797 42170 15827 88418  
74597 55007 96762 89646 27450 72664 51151 87693 26236 99486  
00391 62964 15041 41221 74861 50536 60147 58752 01321 70892  
72443 23879 00555 11923 86175 56832 93718 54380 54988 50223  
40808 57984 51184 09096 59696 50354 79146 61786 99173 85964  
38857 21272 64429 67305 00455 01691 18415 45435 75757 19727  
07521 42123 97702 35550 85006 60752 43630 12987 30624 78183  
63353 03621 89870 34769 97953 84509 81304 64685 00231 04196  
45370 33799 92752 16711 33159 77231 24444 08254 58553 53822  
11643 46234 62184 59671 74570 05361 60645 67951 05145 50478  
79392 87181 27084 80816 92785 55139 34230 65366 19679 10607  
18035 24049 48029 10139 20135 34374 86939 82038 70979 68272  
69580 34719 00408 88798 55435 61660 31159 61375 05289 10122  
91214 59284 27415 05825 05933 68076 18391 50771 55900 18598  
46977 36396 11452 03319 54503 39241 79783 55646 70191 91332  
25595 96919 64862 42459 51219 80757 91460 56524 47144 89469  
85820 09173 48900 62197 26143 78875 61215 59481 74582 48655  
35411 93947 49416 27173 00000

**11474/9234/7461 kHz, 09-06, 0700/0710/0720 UTC**

11166 70202 28197 09018 00049 00000 00000

**11474/9234/7461 kHz, 12-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 12-06, 1200/1210/1220 UTC**

11166 70202 19837 09028 02319

15506 09245 37810 51107 50551 40501 18668 00430 33170 87819  
97394 59716 32767 76138 63209 72697 31153 05301 44308 00240  
07152 16868 60683 78228 94753 28613 15335 67340 00733 66374  
72288 36898 92677 47957 94871 49998 93372 98783 42680 42095  
42461 03955 50673 10224 11331 26438 38835 55063 82158 46046  
25840 43015 27060 98913 45164 80485 48264 22140 87064 17571

65267 33300 14886 23317 59897 99509 29119 99752 15218 75720  
77641 26876 09230 16948 35601 55793 49285 94106 03359 92176  
58167 68155 95927 37257 47762 02220 22374 78513 41276 16399  
78571 47257 29911 14929 01797 85302 74965 40403 60557 87906  
91269 34727 78126 15163 72916 11502 13202 89038 47206 69513  
46124 18253 67760 02036 44109 18161 82724 81608 03921 17858  
39012 25002 95410 71669 08519 68034 54393 17227 47245 04951  
98256 47310 23274 72031 62778 87653 74523 80134 83559 97888  
82229 25840 70536 37820 71083 35907 48986 66229 71973 24714  
65476 64375 08258 69371 82199 01392 91506 32204 08115 83773  
37662 85279 40350 56124 39539 16675 14297 45364 56618 23176  
85822 65582 08053 19079 94065 25721 79840 15803 78220 07283  
82097 51983 46775 04234 17359 78744 22615 42319 45855 29839  
12459 19942 58702 31328 74033 37823 94935 30509 79448 09618  
63329 48767 98201 70671 54937 88037 48241 27109 57302 45567  
88540 12449 06250 16674 51612 43918 36226 90169 39400 95661  
15108 66150 30989 31041 74418 50848 75561 61193 70896 28229  
00000

**11474/9234/7461 kHz, 13-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 13-06, 1200/1210/1220 UTC**

11166 70202 13264 09029 01759  
73414 08795 64287 95561 50313 87586 74557 52590 84436 06133  
22076 39808 47087 44265 97581 43804 10630 35949 06619 45882  
24533 18251 58125 83777 17684 11653 09766 97059 19157 92657  
74688 79666 14629 44609 19395 88002 80629 97677 07408 78041  
63799 93941 68433 69871 97372 38507 97695 63121 72039 22591  
15133 51695 03397 29528 39147 11272 63169 59614 54591 57986  
66383 34740 79681 01746 31693 68745 61525 42609 57025 14436  
54946 83674 77760 23196 64299 58899 99606 78134 52962 99310  
23378 86709 50190 86024 03847 43757 10023 63521 09872 00870  
01921 11611 77979 03062 37842 99528 76593 78653 65422 70599  
23092 93319 81955 30902 20886 04234 48868 40374 08709 75244  
11366 29802 39292 39035 52941 92120 29631 17175 39440 21471  
50016 34040 32358 98447 44020 85501 76063 44976 96634 48344  
88642 97253 92733 41347 11032 70200 33058 73956 94151 11843  
99910 43498 28705 71086 89739 66859 47347 27294 54809 57582  
53902 55128 21139 84307 59317 23076 74893 71499 29050 49111  
34431 28391 71553 61915 50166 17100 22583 41108 99467 95829  
04971 34915 68755 29173 00000

11166 70202 52874 09030 01639  
14835 07391 86853 66922 02737 92690 89467 96392 11292 37487  
03539 17105 66152 65819 03151 43885 38480 93729 44660 14254  
69575 71149 69889 73144 38179 37169 76217 92082 00140 37119  
95740 33783 55131 74908 50717 98084 20107 99055 77462 10184  
14185 45844 35883 37080 84638 88047 46855 43183 28697 62658  
24612 21026 90823 76055 96344 57997 40180 10059 26193 25068  
57947 77284 85819 98403 89199 99273 38760 49847 39017 05797  
30717 67170 17524 78795 03011 90054 63537 89384 71356 72734  
01523 01368 37160 09232 11531 39682 23528 82133 16815 47232  
53157 20832 18811 78535 10328 80185 34166 03619 54143 75519  
13508 20617 75244 34917 46638 00488 13162 54728 83841 12299  
76494 69243 27990 02522 33122 70462 77143 26762 62607 38899  
22320 57370 88007 71355 30131 15370 29261 16615 64969 00139  
45341 54971 30432 15281 57371 82552 34671 14132 69888 86362  
09357 13321 32425 20981 36943 47846 08627 22869 65920 66092  
45066 23203 18743 88213 56952 45181 22120 76351 72930 96742  
14362 30161 00000



**11474/9234/7461 kHz, 14-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 14-06, 1200/1210/1220 UTC**

11166 70202 25814 13031 02439  
36254 81456 65385 72744 33389 07237 11566 43460 53126 72187  
44893 39186 08343 86950 90906 24305 79409 20734 07452 22007  
27087 76340 78525 77254 76062 51603 40246 80382 01717 16947  
87392 93532 31040 63746 33938 47107 93652 03172 26042 98427  
83863 20211 30902 69795 19692 12554 49938 08125 09807 69031  
29720 33353 64312 67289 69091 67798 10318 95385 45923 63679  
98228 27009 11929 70942 09703 04989 28986 12634 03199 12800  
45405 59958 58058 38742 35565 24245 03073 62478 51377 07990  
40445 18632 58994 82170 01106 17114 59216 82013 92319 24880  
15024 38411 23505 38803 34677 87168 21219 04339 83816 23268  
69239 59691 25014 92345 34682 10142 08188 36555 66091 62249  
60349 37022 74436 72600 48094 20061 32963 90793 11290 19350  
56824 01355 91384 11258 48432 94260 02794 65490 19481 18769  
20782 78265 25553 00232 84289 80196 74270 24585 37135 36060  
92914 20205 56040 78655 66458 91812 38903 43933 81943 86118  
51763 99570 40145 93887 57902 84207 20459 18125 77497 99497  
09946 63061 51295 22194 32479 23617 06716 28431 38919 80055  
49837 47405 44272 27493 31701 86639 22746 94957 62364 96012  
96665 33691 71154 62752 80161 79370 36537 54563 63596 17954  
34068 53096 49633 09810 75832 44934 76918 51856 39840 62280  
92289 82353 12787 90549 57457 58078 94642 85031 01102 58537  
38487 63836 52313 96927 24039 69281 16315 42510 88313 14939  
78417 84113 61849 60502 47123 89423 83932 81678 72336 39771  
95269 27290 99601 45088 31537 80763 46324 68733 66239 68207  
10888 31241 00000

**11474/9234/7461 kHz, 15-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 15-06, 1200/1210/1220 UTC**

11166 70202 28491 14032 01499  
17595 62498 14887 49291 74276 42278 13898 36238 25016 58701  
23208 86626 35502 00633 64260 68293 23026 20035 99382 80447  
96492 00763 19498 10983 36760 29012 40141 35305 84497 01376  
85462 55090 27759 31428 64901 00434 06437 40779 72235 43801  
75810 45548 61665 99245 96357 74177 80652 05314 42028 77533  
64169 15071 44152 17233 20075 41710 13193 43123 60282 33149  
05510 95866 57416 74074 27336 95559 31652 38872 93138 02316  
97410 43857 80575 59772 24607 72277 49215 57434 94140 70492  
15206 72807 52303 38790 99103 79252 93808 65266 89024 30504  
28119 76212 86314 57779 08761 01437 25930 40428 30313 77971  
88713 36055 22762 40594 47748 81049 97910 72602 15985 97461  
27516 15283 87322 67171 57862 59502 88339 59270 90440 67871  
82849 21611 83435 00911 96480 72451 53693 45660 53463 53131  
83868 70161 42810 27728 64439 52260 56075 40617 25264 56167  
63891 67879 36382 55201 23454 23504 82739 32147 00000

11166 70202 97516 14033 02779  
76892 97686 45504 31684 62315 60529 33969 23282 56802 66165  
81552 25312 22964 54275 94841 86601 59403 65216 87312 08007  
12748 18919 67582 52409 71418 02482 71116 72014 45822 89889  
52580 38856 64661 42301 81023 89470 42038 62339 05087 19665  
95056 00826 80407 90325 16589 39386 76429 30189 32916 97384  
04791 46532 00910 36603 36475 79710 24461 62109 99931 62469  
94825 42764 77333 69998 84594 99789 41162 71624 49951 36836  
98325 20116 20928 10001 33969 39519 84334 61217 72189 97467  
89050 63465 95831 72897 28363 51234 92546 55114 79054 34673  
19313 35145 01905 20879 02606 75315 33311 90743 16387 67978  
22711 04807 05129 19347 95488 36551 44031 19366 46063 56574  
53643 83544 90831 16083 11060 77713 35672 03133 24896 61616  
37679 70064 66209 12295 65826 55570 72573 13194 90241 49821  
67477 19926 54788 76103 62253 38636 12624 87396 32703 77897

29447 01324 87622 60086 84097 21924 71409 03158 21214 21681  
67936 08777 35624 82235 97885 17735 93169 17235 26726 18581  
17631 25738 25523 20424 98465 49640 51765 25822 99030 33523  
42402 64714 69973 10394 36275 75322 97498 61737 68128 42965  
41176 25324 01391 32714 40994 49202 91916 76842 98326 15333  
99867 02990 60533 81276 91928 13992 63839 13392 01046 55307  
14217 09975 35861 30974 10939 37777 57058 54046 42496 30337  
62775 42438 09562 21569 50295 96112 54702 13042 46190 16560  
03504 98389 22111 54492 46819 93279 38411 96711 18816 44397  
82787 28056 50504 15862 96124 29399 03455 76527 02744 97612  
13365 36595 87224 98439 98183 06985 84999 88218 10478 79894  
78906 65389 38716 53988 18884 37726 87168 52652 06999 16226  
89114 08758 14995 71594 33029 14355 26549 14275 06446 58761  
21415 83938 87193 03450 43661 33275 00000

**11474/9234/7461 kHz, 16-06, 0700/0710/0720 UTC**

11166 70202 95841 16084 00049 00000 00000 00000 00000

**11474/9234/7461 kHz, 19-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 19-06, 1200/1210/1220 UTC**

11166 70202 25418 16034 02599

18529 73296 35424 39287 08631 50057 78508 91262 51949 87274  
84815 09323 02143 73922 77596 76704 85225 64260 24126 84626  
06590 06712 48822 41687 16724 66198 13668 19684 59059 57113  
51840 65542 48379 29136 65515 34054 53239 73055 23755 21092  
80817 38811 21439 02013 87656 82917 85170 04915 64715 87483  
37082 73451 70171 17989 52499 98877 08425 12026 72387 26029  
78718 16183 56515 62904 41836 13258 88285 48563 78297 06995  
67159 58998 36496 56528 49616 55689 94217 77715 24591 06520  
81974 53557 34312 33747 41590 20889 76496 68705 18483 25519  
48826 17939 11070 63026 21645 70445 25741 47377 49816 00723  
10844 74567 59686 47303 68093 73471 72068 71462 64880 61086  
47212 25793 95877 44355 62679 87325 67415 35760 60060 34897  
03039 74877 21488 75432 93697 73071 61863 48847 41001 23524  
47751 66252 66979 43778 78862 61141 88782 42998 93079 58257  
81760 31116 80953 89821 79361 12061 20609 13815 83278 28265  
68997 13994 82294 48614 70436 86337 03251 17059 68371 41604  
42584 04039 31298 78685 51869 27945 28778 08460 75796 38777  
18498 32809 66039 81198 30294 08507 19426 79173 58089 50652  
13875 09377 95678 55348 40515 55556 77301 46297 55439 61039  
08930 75020 99520 21576 01224 29366 59737 85699 40084 30017  
70431 54790 55732 19666 77956 00043 76275 74560 17133 38502  
76669 93090 72961 35383 59038 41126 26029 24840 25274 58766  
05036 66377 27862 58216 94904 79101 09862 67453 73872 20983  
69995 99384 78045 05333 13756 51189 16817 71669 76503 63506  
87606 53169 29463 94193 63359 07883 04571 86304 51225 05917  
99106 35012 45877 89751 46053 83123 25890 34257 00000

**11474/9234/7461 kHz, 20-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 20-06, 1200/1210/1220 UTC**

11166 70202 97162 19035 01699

16909 11595 74714 53843 67446 51831 13560 35890 14327 57274  
34928 08308 78428 58451 97190 66644 30922 53386 76285 94670  
86044 65189 22403 91544 55679 08720 62072 26033 39194 33533  
81609 97461 46972 35269 52842 08102 81069 52692 87054 76665  
21436 92566 28103 47596 91148 49547 20617 75855 99078 13275  
14245 91884 83438 79872 89864 76425 04651 10017 18715 99893  
60963 00786 90359 05994 25264 63461 70452 44252 26512 24469  
74213 81172 24255 91663 66569 44687 49626 53122 24893 81594  
11306 00650 25274 32678 89842 95177 38270 55183 68808 16249  
45056 47349 76189 62761 09933 54677 34485 97183 70113 62623  
42923 50402 28736 05406 40252 29406 62033 45616 21525 94992  
76606 04311 07338 01678 77722 46287 88938 17002 34599 50218

97652 62414 53585 18337 72067 42935 95199 05365 21402 57764  
95952 71357 08513 09044 80882 88170 00958 50947 77764 54226  
63570 46290 68910 97260 90971 22844 41499 69759 03466 46552  
22394 66741 54744 53823 08351 20609 24853 10092 27594 52721  
96842 86838 93659 86408 40554 74258 37477 35167 00000

11166 70202 17492 19036 01759  
17670 14099 80478 72529 53479 86454 41126 31718 37310 85560  
39038 46386 02085 96213 74158 70998 68943 43136 40185 99516  
10007 73534 81136 66950 49913 33511 17151 97108 98297 99259  
44209 19971 30437 48982 37477 07138 58205 86467 12940 98771  
58565 52264 27036 20487 51759 83395 18953 13621 46394 07541  
25303 27313 93609 82625 21833 45842 17521 17771 71883 49662  
14110 36510 86271 33550 35764 68246 24284 30340 03652 78853  
90471 13644 15114 76391 06936 78027 38258 52841 65787 20053  
10954 47822 91468 68647 86408 45218 67628 38222 92511 38647  
08234 02982 97133 26721 77608 15863 96577 24025 89080 20541  
69348 98757 36939 29939 62461 72968 41372 69678 02437 46334  
11083 09909 48206 29399 53269 33957 28088 97235 85650 17223  
28045 99447 30244 14772 23385 87458 93548 81058 71117 45019  
62860 70209 05137 32886 73376 90318 01425 83586 25793 10173  
05466 07222 59078 41870 39047 94249 08105 47742 28647 26167  
00839 45038 22597 30044 74765 06796 89187 37850 17234 82345  
12936 36489 59429 85876 31169 19508 78627 26509 78135 76394  
88456 78308 28827 36173 00000

**11474/9234/7461 kHz, 21-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 21-06, 1200/1210/1220 UTC**

11166 70202 95418 20037 02579  
76692 54218 05845 71979 07734 62226 89881 12051 07041 51072  
83469 65744 99095 03401 75974 35623 50394 95118 39102 16032  
86748 00669 46987 62287 82950 60107 05360 05267 79495 81445  
56986 47349 06032 76678 55564 00646 16248 54940 25259 53442  
63863 21232 48079 75815 74426 54147 46265 00335 92595 61042  
51891 38806 09605 34086 80854 20987 00578 55625 53453 66207  
26411 26300 28727 23850 79879 14358 44762 43600 80677 49592  
82138 61428 49067 10344 92702 12233 12835 77018 60870 05076  
27225 50529 89626 21957 12564 59133 28431 26059 39231 02073  
85193 90402 14694 03479 89525 82853 52277 74960 99452 68408  
26351 10328 68760 14707 43644 60876 17184 11702 85352 64677  
70607 41435 99728 28314 63478 58831 49862 84486 20612 69483  
46309 73947 60578 15339 19283 25175 87858 04231 10076 30251  
65960 44200 86410 40360 88677 68538 11402 29360 91674 62493  
20826 98850 71606 27563 88365 23192 04928 44338 83547 57890  
83605 19805 52025 59813 09918 30068 72930 92647 17511 94413  
72943 16057 10925 41665 01812 81960 40753 54749 98958 86387  
56643 04438 05912 50327 05312 08176 04208 28022 65768 74949  
83480 66147 38932 22126 69404 62293 33834 75200 66198 96215  
17583 86399 93357 32268 21295 33057 21321 16465 19165 81723  
35745 16617 22867 28929 85080 78957 58477 54549 91140 99726  
18109 48701 27335 35124 03427 98114 94283 98074 03263 42914  
47464 15262 72484 39746 56607 42837 04335 92192 01518 64271  
13403 34410 34004 18764 71436 78923 60615 33655 63172 64522  
25859 59289 54367 65189 00598 29750 89234 46002 05314 97907  
59450 76945 22917 18230 11942 37255 00000

**11474/9234/7461 kHz, 22-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 22-06, 1200/1210/1220 UTC**

11166 70202 94785 21038 01739  
18177 45268 83272 15164 54589 29722 11142 50769 55223 52456  
55360 88167 41611 70724 25118 62926 14710 79905 25317 14582  
22273 44142 78496 39978 44299 17302 98405 04906 69973 21464  
51179 93731 64562 75112 65052 01701 49672 88221 74538 99601

45342 66424 10027 25489 47376 91451 68721 83131 38375 70027  
27869 51902 55889 68408 86205 37765 66152 74754 44570 20077  
16799 56522 61604 73869 67042 05062 45502 72307 18720 84610  
67719 99013 96655 27869 09600 24941 51786 45342 77848 29486  
85463 40644 49787 70527 18397 48942 34337 33072 52661 40738  
59658 11216 00202 58160 23386 03076 76289 75972 66406 23408  
81348 04474 56101 63591 19602 76476 90005 53650 27973 85556  
55806 06031 13678 67767 08639 45787 23942 43984 51590 56895  
96292 65093 30377 99355 62845 27196 78112 76796 07037 49015  
71111 59238 96237 28707 81664 90734 38678 22244 38730 36557  
38131 10571 32466 49618 44782 47724 23550 60824 25736 07086  
43224 23038 03580 67975 94995 63341 36457 09760 93937 23292  
38082 05672 04528 91846 61129 33519 62951 60657 92448 45481  
94825 38171 00000

11166 70202 24715 21039 01679  
57731 36413 09015 34718 35304 16686 31304 45198 55052 13007  
04996 95099 16744 07294 30091 11446 65633 51484 69578 00668  
66264 05277 81879 29548 00968 97398 70959 94554 10267 96353  
83811 27990 17354 01582 09983 14382 03845 90956 62845 15586  
28983 85577 47289 27999 09496 17782 43529 20348 02275 13315  
61714 25481 57082 23601 47023 84598 31461 69045 39936 67365  
85041 79313 21372 16340 95425 41516 97373 89150 62847 92247  
03032 96872 95785 14404 30337 62030 94720 24722 09641 44662  
76230 62990 99422 09894 04592 18844 64043 35453 23107 57099  
44167 82561 02309 27566 49563 78640 47256 70266 28939 85280  
31100 51995 96528 49886 47098 95176 20092 64466 96285 84938  
00043 79981 52967 65343 94361 49695 75237 60718 69010 99971  
52700 83030 78513 51946 08590 11219 06409 42517 98469 53444  
20244 18092 72701 28192 20813 99514 94872 25151 90323 41642  
33366 31818 69167 35962 68264 36765 16001 29737 80772 45503  
30810 60075 17346 69876 45649 26387 45717 76936 12748 49657  
44999 08226 44663 91966 97062 39165 00000

**11474/9234/7461 kHz, 23-06, 0700/0710/0720 UTC**

11166 70202 75841 23087 00049 00000 00000 00000 00000

**11474/9234/7461 kHz, 26-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 26-06, 1200/1210/1220 UTC**

11166 70202 36479 23040 02599  
25836 14698 19279 05235 62594 20224 52211 04692 21639 63213  
00801 89982 30426 71826 32396 16290 32023 72222 06867 03341  
02007 01919 85016 96247 46374 68134 64053 61591 75739 87483  
19794 17200 47974 67950 60296 19060 96496 19086 20603 53787  
86396 01372 53288 10107 65574 50674 94491 27775 03092 38734  
10127 47372 31910 55636 51956 09424 38220 25180 78214 76263  
64535 89105 18467 75100 18742 21096 87404 85701 06297 56514  
77238 21151 27752 48787 83403 75110 08808 88397 43252 34015  
55062 45407 92415 77661 48665 21450 68535 16594 29045 22141  
17043 39763 24910 85827 78677 70864 29709 29632 63433 56807  
37733 98707 40610 36752 83045 29664 99679 65155 48442 64086  
61626 87244 36607 73087 45469 90385 20670 78838 19653 79758  
16346 84002 92977 51785 42837 45021 24779 63757 64700 50186  
59024 23087 31858 88427 12027 44621 59931 19774 68462 49468  
18109 83392 65371 03759 16706 04187 68835 20789 11632 83846  
73021 74979 67933 87316 76271 01087 49603 60619 13937 77107  
27855 40949 52631 14315 25037 44999 75604 02851 36376 46446  
13909 86337 96749 78530 03061 63917 84653 22677 69876 43175  
80572 69076 79166 92381 21930 60196 94987 65487 21809 53117  
36129 98304 43623 61673 30523 99324 48947 64306 98275 83597  
60659 88575 17988 23116 08622 08278 56077 12141 50057 14091  
63763 70909 81824 43698 71424 36152 86771 82315 35002 11870  
81363 69572 14145 78801 56768 73676 86777 86015 30577 18799

29783 73079 51370 76618 20485 96214 23292 57972 38619 56914  
42837 65527 73484 56422 65034 93439 65946 24540 41204 84912  
40004 96179 95493 83606 03590 34112 32365 40257 00000

**11474/9234/7461 kHz, 27-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 27-06, 1200/1210/1220 UTC**

11166 70202 45812 26041 02119  
21267 64629 69195 47427 21877 76389 70681 26335 93497 61773  
16268 99253 69678 28059 32629 48154 45878 21320 83565 35128  
93059 57514 03478 91107 85560 37636 23442 61307 69391 82841  
07866 03725 13978 32657 63470 42158 58831 58489 23103 90663  
32158 68094 77051 06388 96342 78528 94771 60765 15735 16613  
21415 87937 81659 40837 90508 12217 11191 83774 12456 83711  
09368 27218 45916 87224 51122 98998 80819 89616 03048 26485  
04052 43250 20507 37830 84624 63333 85653 22300 30313 02749  
24816 47422 56193 38795 88371 85565 13349 04303 62693 96049  
60085 89615 47697 98999 08022 46323 92806 49612 73885 60628  
28170 40092 59938 50469 92413 55486 13451 21548 41179 24782  
60151 76004 03942 79305 67171 49381 98659 33612 83124 10970  
51493 17937 21340 18171 83000 10610 59805 43453 21670 57765  
48087 19615 72385 78305 90751 02534 23518 76922 64983 92322  
92348 06697 61177 77303 34604 67694 73634 40293 45856 64645  
52653 87490 08421 17010 44559 74360 97254 48682 93339 07549  
66949 87696 55009 72849 71237 41372 55294 99422 26024 58469  
78801 82159 06901 19911 41293 10415 67620 11814 99531 53196  
03517 90250 03710 91363 14572 45523 27960 75957 74764 50185  
45452 51301 67926 33862 01452 95355 55574 48971 99433 30559  
09947 36467 85857 30705 05142 44311 85537 45634 17900 41209  
00000

11166 70202 79186 26042 02179  
77343 98317 69283 61383 81395 43341 11297 46920 36885 88719  
59944 29743 69109 89972 05539 15796 08316 37370 75287 35234  
99706 38152 43572 43621 65154 12971 37059 94118 25241 39957  
23583 51270 77495 73641 75485 26123 79765 60038 35369 48126  
56323 24030 52368 38697 37883 86849 15559 03295 41875 29738  
70702 49271 71139 60560 40560 61615 25778 67866 02335 60125  
44252 86786 16607 08636 11128 74379 00465 66606 69255 87252  
38566 69182 98738 93039 20775 00677 28816 61767 54091 10041  
68084 60025 44126 22941 55655 44345 57775 73616 79005 98521  
74601 73436 32431 90210 01201 27995 04169 18749 19296 63063  
09700 78378 00809 98846 11674 81786 09218 47492 90901 80861  
82311 69204 65169 72424 59124 68425 61448 17837 16702 68783  
72350 17146 08620 02502 51219 14027 75383 48011 05317 07524  
98448 74920 72599 02865 91530 09359 56506 69103 41685 30486  
47018 22766 43589 12469 44514 04700 28600 16096 46243 72898  
81584 06122 46580 99605 55233 88552 69227 94521 25290 39211  
88027 87692 07010 72808 77977 81368 20322 01539 93338 50121  
82617 42332 88810 97284 02334 34066 61887 82655 26316 88307  
72809 84692 29106 48892 26227 43211 46334 72556 17348 98461  
67961 65330 84439 45467 88086 54849 32199 83905 28140 06295  
07785 97450 53095 81708 93071 02895 42445 52150 07889 41283  
61278 96281 42436 28449 10876 42215 00000

**11474/9234/7461 kHz, 28-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 28-06, 1200/1210/1220 UTC**

11166 70202 64509 27043 02259  
47550 13923 57361 66467 36813 10993 76965 43903 01416 99459  
32351 69677 62054 32060 41359 10846 36323 64325 96229 33770  
65288 94631 89054 13283 22470 80207 17051 25862 08479 93826  
11950 32623 87667 15774 70482 13716 20043 58865 76371 13075  
62019 90907 88502 45191 12702 32590 54792 64771 54637 12447  
25115 32654 07800 96001 75320 70761 17784 77442 52848 12095

96082 86427 79790 36932 66782 44181 97785 45503 56410 28412  
05447 45419 16844 55552 03901 41823 94368 43632 88950 01490  
90247 99408 50738 63865 04606 54395 59835 87267 77472 63681  
58950 37763 64668 06045 71437 19068 33405 45181 27727 40297  
48779 10895 65062 06380 33257 93596 61022 30678 60934 06110  
62149 25100 82413 65135 34056 67135 61259 53610 05320 72852  
38842 29857 45286 24134 09824 53994 82587 02708 39910 88698  
18200 21178 88014 54295 41481 57615 80945 30394 84704 63528  
63793 89854 65286 27436 34476 26472 57160 41187 98719 58912  
67405 10954 02082 65662 83727 70156 17379 75126 63347 95593  
38971 36559 07757 37452 49167 81905 67032 78298 79940 39778  
43168 23114 31190 96383 12595 39855 69078 61372 25688 40540  
04180 41604 39314 92368 03556 63709 92048 50751 76215 51332  
69897 63041 75038 35290 10932 04224 95593 23001 71420 63273  
31419 63638 81990 21347 18779 03353 45339 25058 37481 37351  
23992 48006 87523 71699 08416 22182 24743 38175 58242 12766  
67778 62462 61021 43223 00000

**11474/9234/7461 kHz, 29-06, 0700/0710/0720 UTC**

**10762/8191/6782 kHz, 29-06, 1200/1210/1220 UTC**

11166 70202 56128 28044 01819  
35955 63815 80908 94489 00623 42062 73947 14298 24732 49354  
02727 64891 05335 90858 33534 99182 73731 76851 84537 32345  
17764 04499 98235 90003 26665 21008 60450 60472 95777 39593  
84978 61916 47063 02586 03151 01241 13792 47540 69501 98381  
66205 51300 76708 13900 04084 91765 47209 12513 49759 99192  
20079 04825 72513 36307 48588 31194 52264 35602 34310 92089  
03772 28440 15637 79247 43567 93518 05614 74370 49680 73998  
75795 71803 02969 43550 36497 18079 74563 24790 41781 47816  
76785 16446 28808 67068 18595 54761 13573 61990 43246 65218  
13003 17904 02409 77937 65723 46385 43780 55979 36107 45885  
06369 32430 85138 32679 36002 82347 42939 63603 64026 86050  
25012 33855 91517 46639 42307 99140 78035 03121 28950 77275  
60061 34380 54923 21101 36457 35742 92370 40158 39708 60852  
61311 34769 35639 16760 01204 59662 72659 58318 47925 29258  
29485 73309 60188 87027 12202 31100 77594 85932 24772 60989  
52212 88051 66928 62324 31864 58833 95060 98842 94776 00361  
60070 23219 01773 71619 72614 65618 99341 58284 02774 97317  
56321 84892 84110 93731 58425 00996 58036 69960 45355 44179  
00000

11166 70202 51263 28045 02079  
58879 99553 30442 90568 56573 02528 03716 64034 68629 32152  
70054 34216 98627 98340 23258 74113 13891 09690 26674 83279  
80497 09553 99444 81578 61076 62693 15610 97870 13347 38319  
06608 46237 90184 66526 43222 33207 35770 05087 82247 35994  
16323 64615 59350 69757 23565 74092 57926 50426 57144 45402  
21436 85544 13274 68256 61973 89578 99592 19970 96996 75589  
45523 66271 70600 70292 41255 28827 26422 84006 51163 94221  
14838 42062 69227 73560 77474 78218 12882 49501 71301 65173  
00061 03636 54227 44261 19508 81808 23566 53137 69400 03791  
06931 90688 09052 70033 18981 80470 58137 66079 16494 14834  
77069 23141 38619 34501 62167 43883 04207 49178 68849 53936  
16349 76743 38274 46763 45589 36271 55281 43326 67049 28132  
16359 89104 56869 10137 08692 05033 90603 52444 17749 75157  
37392 46953 84674 11160 84403 59169 30574 34699 70068 76268  
62861 87795 34437 85517 35934 49190 72661 91004 26027 44155  
02398 96490 79492 92993 57273 34438 71145 97517 25411 83352  
60689 77117 52588 48415 12372 51077 93653 27564 78359 01096  
31160 96717 76892 01347 84520 22378 94128 40759 50086 31907  
45593 96262 39268 04109 44899 21842 85264 93062 21065 96578  
80187 33320 24293 12284 69010 95421 99164 49593 94656 85307  
81803 06895 62262 46473 40209 45205 00000

**11474/9234/7461 kHz, 30-06, 0700/0710/0720 UTC**

11166 70202 75841 30081 00049 00000 00000 00000 00000

Link 80214

**16351/12109/10169 kHz, 01-06, 1330/1340/1350 UTC**

11166 80214 75321 01016 00049 00000 00000 00000 00000

**16351/12109/10169 kHz, 01-06, 1330/1340/1350 UTC**

Undecodable

**16351/12109/10169 kHz, 15-06, 1330/1340/1350 UTC**

11100 80214 45613 15074 00049 00000 00000 00000 00000

**16351/12109/10169 kHz, 22-06, 1330/1340/1350 UTC**

11166 80214 54821 22023 00049 00000 00000 00000 00000

**16351/12109/10169 kHz, 29-06, 1330/1340/1350 UTC**

11166 80214 16573 28019 00049 00000 00000 00000 00000

F06a – FSK 200/1000

20983/17473/15667 kHz, 04-06, 2100/2115/2130 UTC	File 04474 (binary contents)
20983/17473/15667 kHz, 10-06/11-06, 2100/2115/2130 UTC	File 04475 (binary contents)
20983/17473/15667 kHz, 17-06/18-06, 2100/2115/2130 UTC	File 04476 (binary contents)
20983/17473/15667 kHz, 24-06/25-06, 2100/2115/2130 UTC	File 04477 (binary contents)

5867/6781/8051 kHz, 01-06/02-06, 0400/0415/0430 UTC	File 04481 (binary contents)
5867/6781/8051 kHz, 08-06/09-06, 0400/0415/0430 UTC	File 44482 (binary contents)
5867/6781/8051 kHz, 15-06/16-06, 0400/0415/0430 UTC	File 44483 (binary contents)
5867/6781/8051 kHz, 22-06/23-06, 0400/0415/0430 UTC	File 44484 (binary contents)
5867/6781/8051 kHz, 29-06/30-06, 0400/0415/0430 UTC	File 44485 (binary contents)

**9241 kHz, 13-06, 1540 UTC. File 80159~1.TXT (1992 bytes), 5LG telegram**

\_\_\_\_ 9 83096 11141 03229

DURYL HSLHP BNCRQ XMWXU OAFVN RAFOE THOSD \_\_\_\_\_

\_\_\_\_\_ O BIEUG MFOPX MQ \_\_\_\_\_

\_\_\_\_\_ HI DSTSX SICPA DWPKB VGKYB HUYRC YELYU GSDQS

SKSUU PJGWW QEEUC MCEIW UUQID MYKAE KBBSP SYSQO FJUJE SYXKT

JANNH NSKVR OUSWC FWQ \_\_\_\_\_ \_DOQK GVETV SOCQK RFWSE

DCIJL CINOV NBJWH HPMYJ \_\_\_\_\_

\_\_\_\_\_ SALKM XRIKMB MBUKF IFIED OIVBQ SMJTM GSPLX DLWXE

\_\_\_\_\_ GOQ JWCFE OHIEK CILBV LLOIB SXNNC NCAFH RBDBI

ACNNB XHUBT VKFDC \_\_\_\_\_

\_\_\_\_\_ UUB LWDNG IABGM WLHCD JPFSX GVDC \_\_\_\_\_

\_\_\_\_\_ HKBRF EXWAL TBTNX IVYXV FOEXU SNTMY

YMLMY DWYRO VFTSV DCUBM FO \_\_\_\_\_ W

GBIJB QJUQE HTXWN YDAUC GDYQK CDAOC GUTBX MTJPS DXHCB KLSNP

JNIJX UTIUE UEUOO WFPWK QCTTF IOOLT IEHLY FLJWE TKEEH BMGFA

OSJ \_\_\_\_\_ TIWJ WWSPQ KHTFW OMLHC FUQFX STH \_\_\_\_\_

\_\_\_\_\_ U OLYTT WBMOD MN \_\_\_\_\_

\_\_\_\_\_ QN TQPMR OTFGC XYFJL DFNHH CUHEJ YQBGL YDTOJ JEF \_\_\_\_\_

\_\_\_\_\_ JT APYKS WPCBB LUIOR IGJWJ JUHUT \_\_\_\_\_

\_\_\_\_\_ B YJTRU FFWIX NXQPN QYXJG

LDRED DADOM UDFEO BYR \_\_\_\_\_ IFVJ RMWQD JJAGU ERJGT

LTMIN QP \_\_\_\_\_ R HJAVJ OTAON AEYJK

TSFDW SJMOY \_\_\_\_\_

NHLTQ SYIHI NTSPI RFUXQ OYDRI EUIQT KTSGU ASPDI IBWQB RRLQW

JYVLX NBHCV BKHIY HCNOE IMBMM CRFMQ AKVVS CLKCR QXMHM KUNCT

MGPB BJWPS FDHAC IKCXH IAGSA MXBHL AXWRB VXALA PHXRA LFDDEM

UNOOK N \_\_\_\_\_ MPCLH UDXNN PLO \_\_\_\_\_ JEJM

FOCFX HNDAS TPMCT RAPCA WI \_\_\_\_\_ P

WYUWU UIIAG ARSTO EIJKS JPAFR \_\_\_\_\_ PT CCRGN GNUGR

GDHGE YKVCR RKFOW QGJPE PFWAC OVGUC IEIPU YGFGX FSSXL QJLGB

CFCYT PFQJH NQFRH UYSXP ODNJF LXTSH RWGDP OODDK QRATM KMXMI  
GFBGA \_\_\_\_\_ M FWSRH PMNYQ QNWDR TXIMY FXSQY QFMTD  
PFWCL

**12219/14652 kHz, 26-06, 0810/0820 UTC. File 00173-~1.TXT (2114 bytes)**

11100 00173 41025 24143 03429  
PQJMP IDCAY EYGH I VJPAY VCCGO BPSKD THBLC YVKBK MKICI PKUSJ  
AKQPL KQGYE UEQWH IHJKB QJRJB FHHGY FHIVA DVKJA EGVSJ YPMON  
HTAMY GTRAS HCAJG IQGVA UFDEY CONQD JGMUR SNAGC \_\_\_\_\_  
\_\_\_TFX LGRYT MJTAR CUMLW NKPLM TPPOX PLMQD VABNE DVOKR IYIYR  
QSWYM OLGSM GICHW CMIBC FJUDES GUIDU GTCSV IECHN YXEJH JHTML  
XDGLR WEWNC HQIVN PFLTK LUORI HRTWI MHVCJ OMQNI CNINK PNMMP  
BDJIA LOBVK IYXMI BVGXX VMLIC XCFYS WLIDO KHVMP NUUKA DCPSE  
THMFI ARBON NCDVR JMKTM MQQGB CWTBO OFTMG IGXGS OXGIR CVDSV  
DXQSB SEVNI OEPLR EHPLI EOIJC RTTAT UFNRX DCWYG WGCUS DIHFU  
YEXTN KEOST FBGFM EXBYB RJTKK KKUMS YPOJD JMENU GJARQ LXVCO  
EKCWV EQBWC ALPWP OMBWJ ARHDQ TNUCA PLHJQ YRICH YXSNT LEGAD  
CGJBB XAOC SBLKY GKNUC IWALM ERRNT QSUSI CABOM IHVFJ YDLMX  
NEEAE VEOFS VHPQL ELKVY NELJA RUJTD KDDSU DESQA FCTUG KTQDF  
QQRNO LARBV BWMRT JPBIS VXBEP DYDDT SCPGK PJSCI CIFYQ TLCEW  
RURTJ IOWLS KPMAI IVPKM XSSQR KEADL MCXAC BHVOP JVYAO LNSRB  
QVOVN LBWAU PKRLG SYLGA HNQSR HWKIR HOOMK TUFVX NXOKF BQLJO  
EAEUH KAHLH BSRBX TGIQE KJQVQ GUJRW FHHBL KMQUO YVHRL OMHHM  
VNGHT QIHKE OXMKF GCDNT OEFLW SXJAJ EDDEQ CWVAH INDUF WBPVO  
WXERQ VAKAY GPVYT WWYLQ WMAVW SLRFG FDDYE JUFAN GBAYR UYIJW  
KUFOH YXIFY LDMEA JMBCE OGVMC PMIQV PMGSA QDVCH OVCES SIJRA  
QXPCQ JHLJF LUIBB FEIYW SNOOQ FSSEW SIQYH VEYLN XCVFJ QGUOQ  
ECXGJ MEECX QPDKE ICRMT KABMA BQYXP XDSFJ TAYAU DYCUA LCMSC  
KNACB YXAJL PFWPS SJQPN YXEWV NVCFJ FVIDF XSYJS RGLWW PNKYP  
ISECK VQNTQ GJTGD QUADX UNCFX KJXSH SQJEE BEBBG JWTGX IXJTQ  
TFOSA WFEQW HRWUW OYKQQ AVTII ILHPV AKOEP IFNVD UFIJK SVSVS  
AJLE \_\_\_\_\_ OMEUN SWDRN CHRED RCFQE  
SEMJD IWBEQ QXGEV HNVKH YKCNW YWONS NRDEF MCWBB LIVXJ EMCWL  
IBCFG XWPUJ OTNDV DYKPK BKBDN QVXIE DEHSX JSADP WXCKN SHWYY  
HXJMB JAGYR KKYKM GIYUL WQDHH TDMAU WRQVS YGQNA KTLNF GRBBK  
GIWSN LTUSG PDDYM FEUYS JHGJY BWKDD RQVDP XFOPM NTXRY YBJAJ  
GOW \_\_\_\_\_ \_EPEV FRLMW CCINY THTJJ BKYMM DLDLM GQQHI  
NOIEE TOPEG SOIPV OEPTD JPIIT PISYW HUKBD FDUFF LDOTS OJRQV  
SHMLG SRBKD UXHYV UHCOO EOTUX VIVYP EKILG SPVTS TQIVV ABIRR  
LVXDL TOJSL WHDEX OTWFS GEKWD BHHDE SRPKD XHDEL VPXXW YJNYH  
BBBLC

**12227/14423/16283 kHz, 27-06, 1030/1040/1050 UTC. File 10053-~1.TXT (2034 bytes)**

11100 10053 17563 25155 03299  
LWCCC MDYPR XJOEU IMTNX WAPYH BCEKF BIAJF CILGT LTPUQ LKEKX  
KJXRJ RQWCP IRIEG ESOKM JKWGG GOMMH DBQLR LELUF IDSBK GOHTY  
QNPCK JPJCT SVCEN NHRBU BDPDY YSXXE IBLUQ GMNVS QOWTG UFJBC  
VOPTY XEYVE TAGDP YVMQC MYMAX RADUG PQYRT JXWYF WSBKH XDWER  
KQLPQ AXWKV HWWRL IVEHF SLJBF REPGV HUITC BWJEL WGMKB WBWBQ  
KCDGL EHPKU NLLDY CDVTR YBLGE LLFBA TEWSP CJATR LPUNO CWJPH  
PJVDQ GXBVA LKIIU GCPLB QUQNC JFIRL BTLRM VLHJS EYWCC RORHE  
DMNPE PTOOS YFJOE SQYKA VMQAQ HIAAB SBBJL FFHLX MGJQU XJJHC  
QPRSS LPKNY JJOIX FXIRL YSJFM UBBKK LLSTC HGXHA BMHMV WRLCH  
OLLNL CAUDC LJJYR WDODK XXGMR JJMJC NYOBI EKLOX MEJQK HEWVH  
REIEP XAUPR EVKVL PHWQG WJAIU MAUIH BRNVY XPWAO XVIGH XSSFF  
FNQOV NHXVN TDNMJ KXQPP XKJFI KIVVQ HYTNO YRVXW SFQCX VJBYY  
DFFBT UUEGT FXBIR SJCND SANIQ JUHVM NQQDX CSMC ENYSE WWUUM  
SGLVI BXUOW JNOSS QJEOA FLUKJ LQLYQ PXCAN UHGGU OEWNT MUIGT  
MVBGJ KIETF EIPDU GHBTU UHBCN BLILQ SMJKC DPYUH BPKDO WMRSP  
GYHVB BQAPV FHIRV VRLSF PRGOD NHFAY QIJTA POVYP UYQXX VJDHH  
NTKRL DPFQB UTPVW NSGOW LLGQI JVIDF LKFXU CYWND KLOQX SQPQB  
TWFLU EXLTK BQWJQ MGDKP KHLPL ERHTC RVVBU UBAYD TKXAM HCVDN  
PKICR TYUTR KUBEJ CXDDT DLIME PGCJY RJRUA XYEAB UXVFP XTDOF  
THALH WCOHI VLCJA PUOEG YGDTO NSSKR BJMRI JWQRW XIIJI LHSVX  
GLLUV XGPFU NNVBH FRKUY TJOBG LJGJC KCEIO AFUND MWGDU EYGWX  
CUVRT HKYAP LCEKU MVDNU IHLHN KYXUO NICEH GGIGV YBBWW IEQCJ  
JYSEL WICQV VYJQC YDKVJ RMVIT AFQFO OXYHU LLFKA LSSOE UAEGG  
NEDWC WQEGG YDYWH OYOWH MMGVS QQCSO GSMGO SEKXM YHLFH IDJOP  
RTDGE QTPPQ UYNQX VKCGD DJTBP WAHXE GKJXT NPYKF VIPDG PIWRU  
OTAPU DPFWT AGSLW LTYFA VICAX UGADY UFDLP FVFJI EQKSV BRULR  
WFWAF PVOHD DKWEX SFQIG COLVY LRBWX VGWLC PBEAC TCDHJ FTRLQ



HJUES GFGID YHBPO WNOLU HXWTB HHJIU CGLYP OKOMR COXCY ISXAO  
FSBPQ XBWGI HYHVC OPGFP XDLMK XJHJK WOHFA OUEJE IHDRK EGWAT  
JBKWW NMDAV QMFQO OGHUV KBBCG SGBMX WSJNO AEFM MVEPR DXGHC  
YGRAO BYKEM BVMWF QTIER EMFOR OQMHS BJHKX HLFJM VPXAX AEAGQ  
VSOCP SFLCL QPSJQ FWXWB PGPPQ XLYBD WNIYY VXODT NXWOC ININM  
MRPGC UFKFS XKJGY PCYJR YGHBB IELIK YJKVF QHAPL

## F02

Mode: MFSK-4/150Bd/4000Hz

17542 kHz, 05-06, 1050 UTC	16107 kHz, 20-06, 0700 UTC	12120 kHz, 29-06, 0649 UTC
16226 kHz, 05-06, 1116 UTC	16107 kHz, 27-06, 0700 UTC	14377 kHz, 30-06, 0642 UTC
14885 kHz, 09-06, 0841 UTC	14848 kHz, 28-06, 1026 UTC	13434 kHz, 30-06, 0843 UTC
16107 kHz, 13-06, 0650 UTC. Test	14377 kHz, 29-06, 0629 UTC	
16107 kHz, 13-06, 0700 UTC	13484 kHz, 29-06, 0640 UTC	

## F07

16336 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 2000 UTC  
15866 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 2010 UTC  
14918 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 2020 UTC  
14483 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 2030 UTC  
13901 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 2040 UTC  
13389 kHz, 01-06/06-06/08-06/13-06/15-06/20-06/22-06/27-06/29-06, 2050 UTC

## HM01 - Dirección General de Inteligencia

01-06/26-06: Repeats of May 15<sup>th</sup>

27-06/30-06: No transmissions. Radio Habana Cuba was also silent from this transmitter site

Groups: 53755 55203 58841 80441 52723 05218

Files: 58315375.TXT 27635520.TXT 81825884.TXT 07325272.TXT 76730521.TXT

Callsign: QWERTY01



RCH Bejucal transmitter site

## **P07**

9224 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06, 1400 UTC  
8124 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06, 1410 UTC  
7589 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06, 1420 UTC  
6854 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06, 1430 UTC  
5829 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06, 1440 UTC  
5284 kHz, 04-06/07-06/11-06/14-06/18-06/21-06/25-06/28-06, 1450 UTC

## **XPA1**

### **13545/12145/11145 kHz, 02-06, 1210/1230/1250 UTC**

511 511 511 1 511 511 511 1 511 511 511 1  
00221 00098 96380 41943 48033 58498 20159 92687 03580 68681  
33808 18427 23375 17505 53553 51412 43740 06387 17907 79108  
10965 03984 81434 76288 39835 18927 56937 09447 25811 14616  
22057 39956 71611 26768 20054 58950 54564 60686 42032 96297  
68391 00338 01596 79357 80752 64023 61035 80343 30115 80081  
46082 78191 34375 49254 89027 52069 93261 94226 82791 18218  
16831 18866 10626 82680 33160 72408 54081 77801 41713 79032  
03087 09764 88311 52164 65258 83324 94322 30062 50078 05610  
33174 48162 14312 92204 77669 44005 19632 81547 41977 11672  
31494 59089 72364 98627 32536 85816 29114 03391 01055 77059  
35510

### **13545/12145/11145 kHz, 07-06/09-06/14-06/16-06, 1210/1230/1250 UTC**

511 511 511 1 511 511 511 1 511 511 511 1  
00167 00078 06783 48396 02390 63080 04874 20822 69148 33055  
88708 74790 20586 99295 43693 63051 65162 93522 08478 53668  
05706 15095 22750 64883 54898 41831 29162 64301 56468 52326  
64948 37939 17796 01541 07521 55474 01188 97473 53864 30273  
25979 71910 82089 72321 28904 48852 22333 59789 32090 52517  
66830 63404 34771 35763 45459 51404 68395 17996 01746 01886  
80468 02131 64528 13984 52668 23606 40525 49906 56572 64173  
14216 53717 21012 92418 43316 86021 00526 31543 99240 41282  
74043

### **13545/12145/11145 kHz, 21-06/23-06/28-06/30-06, 1210/1230/1250 UTC**

511 511 511 1 511 511 511 1 511 511 511 1  
00471 00090 04223 70521 11689 47443 03787 51670 52684 96353  
08798 80452 97907 20254 75809 64435 48354 36583 31540 69300  
25285 83587 86225 83045 70142 44178 68787 45061 56678 35776  
60278 51354 53454 79740 60715 49065 21494 00746 40002 92318  
51999 41251 09578 65386 77400 46229 46755 74002 98752 79866  
54584 29680 00599 55328 81247 91674 50535 51006 18989 95002  
11243 19039 09796 27672 57801 38763 44398 30207 07471 39675  
30708 00212 58204 36869 86759 77041 53414 46500 30528 59728  
26783 86560 46505 20048 13178 55517 71840 01908 08250 51631  
76307 93554 52464

## **XPA2**

13417/14817/15917 kHz, 1600/1620/1640 UTC

### **13417/14817/15917 kHz, 01-06, 1600/1620/1640 UTC**

02073 00001 00000 32661

### **13417/14817/15917 kHz, 15-06, 1600/1620/1640 UTC**

02539 00001 00000 40255

**13417/14817/15917 kHz, 29-06, 1600/1620/1640 UTC**  
05339 00001 00000 37260

15874/14474/13374 kHz, 1100/1120/1140 UTC

**15874/14474/13374 kHz, 02-06, 1100/1120/1140 UTC**

09608 00045 66698 41935 68283 63270 69169 22838 57996 44768  
85901 81798 64972 89606 19085 07607 86450 59277 82744 24980  
39734 05450 27446 78315 02252 07219 38850 63328 16805 96531  
44327 16669 22645 28626 89465 28142 94156 68742 61313 34153  
19825 74082 37617 41822 78548 80338 31088 51467

**15874/14474/13374 kHz, 09-06, 1100/1120/1140 UTC**

06110 00091 48918 37189 35319 85602 33646 44748 50026 40125  
29659 79242 29980 07589 30812 59667 64277 51495 98284 48311  
25332 15618 37454 04045 84242 16257 55504 90197 55133 26155  
59192 20398 26916 84711 81426 86810 75996 76258 08804 79067  
04278 83022 32741 35777 58189 70244 57120 89819 04401 38342  
24320 20235 85813 58710 07933 69254 59998 49559 84716 04756  
94825 42202 45401 04859 57351 32645 69125 77487 69056 50236  
69505 92192 21178 78338 48192 71236 27119 78513 22363 08186  
83470 15789 80537 12717 16197 79961 22375 47229 28718 74479  
47952 48789 17247 71746

**15874/14474/13374 kHz, 13-06, 1100/1120/1140 UTC**

01928 00001 00000 41653

**15874/14474/13374 kHz, 16-06, 1100/1120/1140 UTC**

08131 00001 00000 32263

**15874/14474/13374 kHz, 20-06/23-06/27-06/30-06, 1100/1120/1140 UTC**

09815 00165 60512 18328 00726 92186 77826 52136 72184 47083  
41727 11578 57860 39581 20133 14638 03921 29400 29471 46210  
70059 93231 73881 42146 43121 92226 20020 60590 77476 44938  
84794 20101 78043 93060 83002 84175 60798 26308 21088 50753  
37146 51512 04894 66956 45948 71874 26881 36022 43397 74021  
19715 63163 05790 39121 08406 23858 83189 22658 43943 91044  
28573 60602 19938 18490 54743 38447 95658 01721 70997 81407  
22729 92194 24699 60813 08678 33154 72466 65301 51837 29757  
86819 16838 33563 32432 40553 23666 27578 43509 13337 67851  
26284 04800 36630 50622 33143 61396 35020 38603 28819 43358  
27578 95302 45064 02885 82752 05355 96739 48406 49428 77412  
83934 97789 37288 94239 60194 22449 22083 71902 83003 44015  
98991 79587 57384 46900 69202 22338 56717 28456 48244 48249  
61305 86743 92099 62848 00547 00013 00114 65544 18601 73958  
71102 50033 99058 69929 06232 62054 73420 91400 68729 46753  
05388 38463 55785 65781 26593 25547 22817 31627 61030 42400  
26702 00500 41837 04491 64124 67886 19192 07254

14892/13492/12192 kHz, 1500/1520/1540 UTC

**14892/13492/12192 kHz, 03-06, 1500/1520/1540 UTC**

01714 00001 00000 36652

**14892/13492/12192 kHz, 05-06/10-06, 1500/1520/1540 UTC**

04077 00280 13371 90512 73634 27558 32923 93285 73260 43555  
94454 35194 37677 07701 99118 28717 87523 98156 99801 28859  
95655 41982 55585 43415 01771 31174 25820 77448 95588 72984  
92784 15319 01561 56330 62667 37591 07425 71827 71847 52188  
87647 10643 30320 48957 75975 76326 55809 77584 75592 55572  
49373 95899 59518 73813 55836 85125 20678 77553 00757 21147  
91557 24422 75359 35605 66232 72722 12512 98967 19579 90603  
66055 20349 27873 13564 83772 62920 67583 07435 13734 25664

88436 27986 53184 42569 53681 18719 97170 70392 27893 49585  
72709 75518 62512 55248 56276 60498 56563 89821 88791 54452  
61318 22386 11853 29026 42108 07916 83141 57970 92067 53734  
42518 39439 56977 98390 20013 03769 30782 38788 79891 43385  
06128 53810 75901 95915 88671 95407 21042 03233 19334 93255  
24274 09297 98571 91410 97772 65514 12817 28391 12959 25819  
57655 22226 67303 80185 78715 95887 72857 18564 83642 27605  
34311 59628 08528 95705 69509 36357 55669 43682 25098 00611  
21556 57766 92720 02169 99831 10843 51753 83074 38220 13289  
23552 10284 74161 73651 52609 65294 65924 77993 98347 36408  
90005 09633 43489 31789 97551 41582 57521 57955 08093 49851  
87856 24771 99089 99711 44748 43056 64832 79132 53089 87039  
78597 32391 73058 39618 19567 12337 38612 82341 00278 30054  
95679 82955 49341 19069 60775 25316 82440 94755 63409 72037  
18651 54224 36883 42563 91696 43837 01073 65758 11560 70732  
86495 92768 29810 07620 95784 75757 56575 56749 25728 82244  
10389 24114 58128 42476 03982 18335 35566 41409 55109 38611  
23352 53813 18671 92621 43031 87975 41505 03639 73706 19828  
76648 02395 71884 96324 18574 14256 18024 62870 74260 68082  
71585 61560 56286 31445 93800 33538 65693 21784 20732 10192  
18502 42617 47611

**14892/13492/12192 kHz, 12-06, 1500/1520/1540 UTC**

04865 00001 00000 37662

**14892/13492/12192 kHz, 17-06, 1500/1520/1540 UTC**

01519 00001 00000 40252

**14892/13492/12192 kHz, 19-06/24-06, 1500/1520/1540 UTC**

05204 00300 27920 04973 08901 01315 97363 59732 10148 70583  
06590 24560 16219 64709 53649 02682 08720 86209 20478 63765  
70914 60235 80225 00685 64908 58956 63790 35450 12543 15826  
83701 92557 72931 97016 62110 52720 92535 99492 20120 81815  
85160 09916 50889 56006 20534 90331 64382 18064 48533 61021  
16144 63744 35250 82288 32058 50827 81066 96197 64122 61287  
89160 60086 41165 00882 04557 49673 69736 29755 47209 73607  
32913 56050 03484 57195 71256 16886 65942 90282 06375 53028  
18645 88177 33730 59628 36223 14335 91529 43961 53537 07368  
24902 85736 17489 27438 46424 08834 08563 99654 37632 90551  
76201 62524 18253 99710 65516 01540 06107 93502 79825 13366  
21854 04884 88622 53955 91850 38948 36696 32654 48705 88474  
41496 97291 53856 97894 69821 75209 31495 42409 00032 36016  
59656 08893 86037 88859 67590 32585 09152 49145 98299 93458  
12907 77314 61870 85378 73164 64359 56555 55775 28701 51033  
54434 71741 30870 20554 97639 93332 67989 63031 04248 23595  
20848 61287 90315 16367 28725 68304 64207 87647 60566 57606  
52155 12447 94299 45795 08660 41466 61489 23009 40387 61296  
20469 32829 09589 11322 60150 46411 59200 56598 86501 97562  
49410 08930 90505 46779 39697 21282 31568 24396 23047 83492  
06849 64053 77924 79187 02717 43561 20737 96077 18364 88993  
56678 13018 78021 78285 73925 05014 30230 08964 11603 66076  
38664 76050 02317 02124 95381 65932 64811 66130 25681 58193  
54128 08021 50809 44120 04978 03613 55464 07786 13047 10388  
85776 23004 83477 75909 10269 21660 32296 76848 39552 48729  
88891 10614 64364 03791 56456 59313 69302 45799 08348 01331  
47416 53657 26088 93484 36545 68618 77449 61706 74703 51951  
21825 12357 75591 77042 93575 27737 09553 00270 38309 47205  
73313 47569 61350 96356 87654 46585 15690 31460 62530 33861  
46781 29617 55468 82277 95368 85356 68517 80500 43678 01777  
17884 17381 66474

**14892/13492/12192 kHz, 26-06, 1500/1520/1540 UTC**

02092 00001 00000 32263

13427/12227/10827 kHz, 2100/2120 UTC

**13427/12227/10827 kHz, 04-06, 2100/2120/2140 UTC**

02940 00001 00000 35655

**13427/12227/10827 kHz, 06-06/11-06, 2100/2120/2140 UTC**

08583 00063 95820 59645 10282 30755 77747 34200 18547 11876  
85494 18001 47953 04683 99686 90534 83309 32295 87891 92917  
31301 17040 70529 95029 07143 74860 59722 23173 28927 44396  
03675 93594 64123 43806 12363 72560 61691 57116 54542 51748  
31540 72051 52574 03144 64606 34537 95036 11133 88799 55818  
84313 50569 55129 70490 06515 34588 28806 78424 73246 26297  
36181 91954 57502 57053 72675 00501

**13427/12227/10827 kHz, 13-06, 2100/2120/2140 UTC**

02364 00001 00000 34660

**13427/12227/10827 kHz, 18-06, 2100/2120/2140 UTC**

01434 00001 00000 35254

**13427/12227/10827 kHz, 20-06, 2100/2120/2140 UTC**

05652 00001 00000 35262

**13427/12227/10827 kHz, 25-06/27-06, 2100/2120/2140 UTC**

00474 00044 98926 88207 53610 80728 13636 26239 70999 32308  
19682 21267 01740 77267 19475 81269 74178 66282 31812 19635  
74906 07314 51693 19460 13060 32605 82996 13700 10238 07177  
43041 07068 59885 22778 25672 20480 57560 99808 89665 98248  
37356 44264 37089 37732 84072 06295 24251

10315/11115/12215 kHz, 0500/0520/0540 UTC

**10315/11115/12215 kHz, 06-06, 0500/0520/0540 UTC**

03409 00001 00000 37653

**10315/11115/12215 kHz, 08-06/13-06, 0500/0520/0540 UTC**

00582 00049 49797 65244 37036 96571 65457 74842 32316 46133  
36826 04609 43035 35702 48573 90249 17330 26820 11984 30504  
35335 14687 81318 73781 45740 32365 04826 89625 17449 08710  
02086 49332 42300 27874 99519 82244 08338 75232 01392 73858  
20687 38994 85724 33085 22517 75679 05228 78075 75331 48184  
65537 50017

**10315/11115/12215 kHz, 15-06, 0500/0520/0540 UTC**

04978 00001 00000 41663

**10315/11115/12215 kHz, 20-06, 0500/0520/0540 UTC**

06637 00001 00000 37661

**10315/11115/12215 kHz, 22-06/27-06, 0500/0520/0540 UTC**

03310 00062 88282 81818 66633 88688 33000 00012 31506 66310  
31611 41473 86085 13659 84340 70115 12272 14123 40044 78781  
17578 81886 55484 26670 25350 60351 57811 75556 14167 72278  
80077 17635 68522 41045 41801 24483 66103 11106 32222 28323  
26603 11182 23537 34715 61873 10628 66612 08816 44241 22266  
24470 28574 11416 86658 80525 26124 74738 00476 74818 66081  
86567 36110 70006 38056 63660

**10315/11115/12215 kHz, 29-06, 0500/0520/0540 UTC**

05958 00001 00000 41662

**17474/16274/14574 kHz, 07-06/09-06, 1800/1820/1840 UTC**

00438 00226 18415 85956 23062 56086 15358 26910 79586 75031  
63515 89001 94239 90770 30380 46354 77937 71413 87401 66033  
12520 50412 96610 68276 33813 70746 19668 58018 64820 16909  
74607 35629 66143 48813 16472 61374 12523 11295 91924 89330  
59950 04446 70223 10512 60752 56795 39767 28304 33275 21519  
98481 69271 39572 13037 82770 18273 74958 58645 30863 61215  
24926 04227 26582 75036 78517 54105 72308 47601 26274 89771  
55042 19727 26221 25870 81059 90316 53202 85679 99135 11881  
89613 11057 12046 07369 37389 10050 55439 64923 53905 01028  
86384 07813 82531 36945 86451 31051 10126 59524 63153 28782  
69632 36955 30310 13426 94579 40287 29643 21833 91388 70214  
55610 93188 75041 76594 74428 03337 07823 70060 03963 27716  
89277 60958 24303 61616 25370 38983 13953 55570 44375 95064  
21360 71946 02709 57088 79935 89978 54164 08606 86125 19015  
59910 96153 62077 16641 06979 71886 42484 67723 22974 62256  
98648 30845 49923 14018 76375 65907 92549 57332 87242 29803  
10550 10396 08745 35022 81886 96949 93995 00919 43513 09706  
52119 12978 36972 64537 98366 39592 59451 58695 55078 73742  
14968 23530 56968 11751 34312 64192 74483 51631 42726 54958  
10308 58873 23477 02881 23067 31744 43305 25381 86337 04340  
36132 15794 64286 27807 49187 13948 47150 50247 80037 64891  
98731 69210 87638 81056 60553 59523 92194 55560 16011 81290  
45835 97595 75930 99948 93691 76490 41852 34163 52435

**17474/16274/14574 kHz, 14-06, 1800/1820/1840 UTC**

01070 00001 00000 31260

**17474/16274/14574 kHz, 16-06, 1800/1820/1840 UTC**

03037 00001 00000 34656

**17474/16274/14574 kHz, 21-06/23-06, 1800/1820/1840 UTC**

07118 00098 85986 89007 06386 81593 71111 79312 97252 39882  
81790 62076 02131 55455 07562 89929 94920 09932 86630 26200  
22690 88956 31263 91474 65133 01891 66760 65345 41128 56911  
65081 40176 36290 95296 63516 67722 39620 97135 96587 18887  
01376 74933 20971 34584 00175 29963 29529 63160 66310 26022  
11309 66009 16596 69111 93939 91163 22200 43960 67111 02462  
96937 96471 19407 94150 93808 72156 90818 60664 26023 71128  
03734 65756 76635 24563 68229 29944 70552 87523 85991 32719  
00476 73174 58734 58418 59671 33788 76047 87975 06701 12571  
77694 39336 12631 25758 42063 74391 27044 02390 76915 44160  
72136

**17474/16274/14574 kHz, 28-06/30-06, 1800/1820/1840 UTC**

01445 00196 81381 32089 19085 56797 99672 82702 01811 69037  
81033 18412 86689 41436 33575 56444 06421 06104 56968 86673  
79898 03218 91596 13897 69939 29687 44354 23230 47093 72487  
84251 14341 28929 07008 96257 56041 67483 38898 26499 52551  
94310 49882 67631 31822 13362 25493 65498 21333 66154 28022  
08120 13980 64115 00797 70065 78137 79997 41018 60817 90950  
49264 00570 05596 56250 55185 15055 20967 98394 73668 08932  
13616 84868 88880 68225 20070 22158 74756 86719 55596 08038  
52457 43831 42894 58651 63414 75403 19712 49708 08000 35375  
01500 28088 39149 58135 06453 90282 08919 59654 40151 08125  
15637 11349 69993 25361 46009 27589 58633 68415 88787 49628  
15325 40531 03287 96124 67794 65589 35926 47349 09243 77920  
92898 97744 77766 43388 46807 96808 74286 63406 85511 17564  
75157 47972 97520 79431 57180 82404 29605 95127 02612 61485  
72001 51710 70080 05160 97556 31648 60618 39836 46972 84893  
54694 00838 14397 58567 20211 17732 59089 12944 55924 27323

66429 09497 14153 72216 41517 66376 93343 42033 15618 39161  
28164 10180 21052 60925 53774 96420 63045 18508 48173 19898  
56055 65963 07773 78002 03012 87134 10591 68679 27590 04552  
14598 98343 43734 15981 72391 90935 99912 80123 60407

13527/12227/11427 kHz, 0910/0930/0950 UTC

**13527/12227/11427 kHz, 08-06/10-06/15-06/17-06, 0910/0930/0950 UTC**

00478 00109 29496 22455 43499 68524 35891 51516 17139 50435  
04342 93548 83360 86199 02888 38288 66530 87252 49971 62085  
98223 61342 68119 96351 93036 71587 19589 32728 73996 89229  
92031 32744 01136 59480 13055 68545 32439 05758 44005 19583  
78238 01745 44981 78225 51759 01232 08859 19683 05006 11114  
02833 42718 64502 40645 43341 63145 54653 85813 76941 67494  
74648 25018 24585 56104 42374 78192 64776 31872 51587 99903  
36465 95403 75354 34459 14218 17552 53051 98059 83632 75041  
03219 73484 61511 76271 06310 99023 71738 40776 95386 40277  
47109 88022 96983 50081 94127 48072 30559 64954 30132 79138  
72654 98638 67134 20811 07194 34957 22050 76840 21310 48897  
82602 23760

**13527/12227/11427 kHz, 22-06/24-06/29-06, 0910/0930/0950 UTC**

00212 00125 40771 51078 31323 96589 46285 75630 96599 99928  
82201 51570 14698 58411 30816 58906 39944 06157 90171 27136  
26396 27791 92777 80433 55828 26677 47353 44486 56292 50956  
51682 99028 58968 14212 79214 33619 96654 73753 25831 10606  
12640 38115 32584 24061 74196 09105 90403 03548 58365 26658  
55400 56126 04688 27997 78468 20638 59768 53896 48695 98451  
91447 24864 93224 77622 61254 81137 86833 39941 09911 66570  
07546 93168 60447 09721 73031 81900 81311 50800 60240 91177  
21713 13185 09269 40581 79117 18524 00839 30169 20339 47728  
71059 60292 78152 96850 04761 99110 47921 56602 37998 53621  
79075 64771 16799 47319 30396 97957 06156 10093 45410 03452  
10889 75792 78049 85905 10210 75214 97574 84333 29222 68869  
94463 15381 89598 60483 52665 99121 24068 74134

15982/14982/13882 kHz, 1100/1120/1140 UTC

**15982/14982/13882 kHz, 08-06, 1100/1120/1140 UTC**

00112 00094 53791 69947 58631 93239 55857 72120 10346 86011  
16527 27526 68395 04064 69198 31364 19512 62069 45155 84349  
53367 42239 44379 71043 07175 97039 21116 84793 35062 75925  
07841 07940 47981 55455 30161 85606 72745 30981 66494 61374  
68898 90268 79347 64478 12112 25096 69713 94162 22697 61729  
35296 81559 18083 62871 29346 20618 49067 79014 16999 62362  
72189 14396 43031 53723 24031 11857 16747 22088 22727 76418  
99030 64628 94386 34772 21725 75159 18235 92630 53656 37059  
71372 54814 28086 05746 97077 90169 14023 37187 09847 40559  
86105 01287 53406 32650 29738 24501 76713

**15982/14982/13882 kHz, 14-06/15-06/21-06/22-06, 1100/1120/1140 UTC**

09770 00171 84958 67045 45167 06604 96436 86299 03522 71143  
86805 05186 68605 32956 13323 75131 32067 79370 37262 49119  
78226 47675 32140 09122 52726 36638 28101 11803 15382 01005  
31670 40757 80290 94286 61134 36164 08485 39443 88053 01557  
81807 41482 27451 83057 14557 56666 61023 59236 21362 86337  
00057 12340 25956 79154 72712 02401 44185 81120 47871 73332  
94591 37906 98628 27841 48064 49693 26846 89340 64029 24777  
69116 29379 24654 70214 58071 23632 17480 20588 91265 66210  
40607 98847 44238 59325 62116 83318 82928 96131 53112 20535  
28069 17788 60841 17472 40559 12632 80125 18751 79022 28945  
66905 31192 64386 61371 13822 89523 09688 27239 91582 07403  
23213 32095 09248 45414 05240 83236 84353 70515 00701 76992

50300 00736 12434 17348 33301 99198 58463 13438 42615 71366  
82989 34353 10695 21790 01650 96412 39344 60127 91098 63622  
13306 07490 42816 75240 57108 99942 44896 94957 54162 87075  
65768 53391 99907 77067 80060 68231 82250 62589 29101 45600  
93129 30064 71413 98400 88124 71387 84868 68451 37231 80962  
12918 66876 80976 75117

**15982/14982/13882 kHz, 28-06/29-06, 1100/1120/1140 UTC**

08259 00043 26543 51909 89524 57988 02668 37902 25593 03328  
24553 70805 70700 26336 97208 64325 85002 21721 27456 12820  
49886 23014 72882 81156 80147 67514 62321 21557 07795 27835  
92978 14184 70339 06425 64123 89193 95879 24730 87514 88378  
74495 26171 43160 39126 03098 34771

13373/13973/14973 kHz, 0800/0820/0840 UTC

**13373/13973/14973 kHz, 09-06, 0800/0820/0840 UTC**

06936 00001 00000 40661

**13373/13973/14973 kHz, 11-06/15-06/18-06/23-06, 0800/0820/0840 UTC**

06148 00109 53535 58071 60213 99200 82000 03393 29709 84648  
49812 89410 53128 38844 74429 11682 02166 48441 59120 20904  
59482 89882 41308 36411 10385 96462 75594 84778 38623 83302  
70304 42787 19229 42721 25386 63566 70926 39557 60699 27094  
55736 74328 02721 75637 38732 33223 45372 25909 51214 92750  
56697 05822 12163 56761 01136 78323 93322 26886 11722 37931  
65292 64870 60082 85659 94234 69471 40737 52376 97742 58654  
24691 66600 92496 59022 25408 31060 07785 62218 58318 61367  
38444 68530 14048 84753 46349 42277 38074 23514 21575 74253  
77050 41627 87776 84946 87896 33889 61821 65748 27803 70402  
11791 84228 83751 20534 04579 82994 60882 89026 50115 43901  
85728 15402

**13373/13973/14973 kHz, 25-06, 0800/0820/0840 UTC**

06058 00001 00000 35263

**13373/13973/14973 kHz, 30-06, 0800/0820/0840 UTC**

03707 00001 00000 40253

12148/13448/13948 kHz, 0700/0720/0740 UTC

**12148/13448/13948 kHz, 12-06/14-06, 0700/0720/0740 UTC**

06072 00090 16147 65507 16736 06328 57331 96148 40535 74940  
46638 72874 13926 74224 00864 96840 02328 15307 78875 94935  
11936 87989 97979 99716 90460 43557 30638 79973 64592 95214  
64622 13541 99924 58939 14572 67824 23267 42335 34262 10412  
76567 43222 35086 72185 11834 36491 88470 06854 83383 87033  
86882 42767 24712 79979 32684 66937 44453 35175 51971 64201  
68229 36215 28710 56941 09859 18823 58927 79236 11078 58791  
19636 82413 55845 06620 29920 96938 20757 01789 68665 60276  
29943 80736 77747 29409 89736 86230 34726 23461 63599 29621  
86207 38426 02232

**12148/13448/13948 kHz, 19-06/21-06/26-06/28-06, 0700/0720/0740 UTC**

00105 00110 29861 33408 45069 30371 67174 01914 16120 60789  
81280 47914 42685 59024 95911 53850 39498 86605 77839 23382  
51199 20794 43354 77012 67354 24811 38397 14953 86095 96589  
49446 37067 14265 12418 13603 72923 60243 63677 26078 41655  
79194 88704 54932 74261 21275 17602 80861 19629 59529 42040  
33416 72606 69115 95844 32180 65954 49911 96300 14296 26589  
05675 42076 08480 07220 59033 73724 51772 36038 41080 48760  
45544 57411 94066 72789 42990 45405 03383 07943 41039 10953  
79344 55145 73454 90614 58075 11367 55376 83451 74753 92847



49104 25470 15476 88378 02417 53874 40460 98118 95351 08547  
15612 25096 50980 73500 06807 43045 85632 74486 75069 41102  
91696 96053 27735

17417/15812/14504 kHz, 0910/0930/0950 UTC

**17417/15812/14504 kHz, 12-06/14-06/19-06/21-06, 0910/0930/0950 UTC**

04926 00155 95149 34960 26131 79685 13176 58435 88080 56859  
17899 54551 66558 29140 73542 18283 41904 80602 51765 82648  
87456 68893 59431 00423 94917 22858 92410 58773 65616 40282  
30493 41776 56596 52032 10949 96233 60300 35142 30195 64363  
50593 63732 23438 69757 53022 65076 07517 19064 32449 27450  
51863 36526 52195 96775 72322 81679 38433 82419 73118 75622  
97935 46540 32451 04597 43905 04556 32115 44224 03199 16918  
03604 57565 96722 57313 07182 29015 69581 88959 35288 02605  
25181 78728 90394 59521 98047 31159 79698 92280 18063 57631  
81456 39933 85077 87277 93260 36385 74851 91026 51919 08946  
23732 00005 58964 65934 93795 04804 79967 27250 42851 88960  
66188 84367 53948 10781 67378 17243 35465 07930 00917 22650  
88400 59292 63008 68632 93047 71107 20835 56030 63676 92631  
69321 97858 91172 91724 71659 76995 84064 91451 94128 56936  
58945 90557 04396 61564 52883 90887 78290 29511 30285 72687  
16333 63019 32437 82694 36472 26885 53601 15701

**17417/15812/14504 kHz, 26-06/28-06, 0910/0930/0950 UTC**

08328 00117 49886 88258 82804 45258 16661 31985 79153 34338  
74335 40010 23053 54147 95621 75761 14553 88012 97419 35002  
63908 33179 89422 06553 78826 77074 72785 78960 51095 40415  
50653 69085 60516 43850 16707 00516 96979 68953 93826 67347  
18248 71160 88832 08909 53411 80156 59628 73241 66699 61189  
09398 74325 90777 80335 87430 91937 46713 29033 81028 67038  
08602 43236 15100 84774 98948 41221 09843 29545 17007 94897  
27973 17320 53292 07896 28487 70645 68057 37318 17602 34451  
15317 47010 64087 39004 48112 01409 89326 65349 18740 06035  
35290 10319 33150 97910 33596 73224 14226 61228 32171 65561  
98018 63378 99247 48360 63588 93906 98914 82103 47649 41675  
68841 56940 69034 94579 10781 96274 03655 06571 12049 41052

Test/training messages

**11431 kHz, 13-06, 0850 UTC**

07638 00067 23050 16062 45087 15221 82487 34086 75492 35744  
58072 78283 88957 09276 75205 80054 58875 91650 51158 95922  
42977 96023 77647 09298 82671 53616 30839 38195 31422 75788  
93943 26252 50860 79353 18245 67444 06726 00497 65579 23815  
72246 01597 42812 92590 64377 53442 38286 74266 95522 47440  
97919 28471 76063 69944 40930 09043 89942 59093 90549 34896  
48906 98609 38942 76647 78005 35417 51188 09972 72000 05471

**11431 kHz, 13-06, 0950 UTC**

06331 00079 53183 59818 77168 50387 17605 54092 43302 84769  
36748 76047 09698 87139 18884 44039 03683 49008 84611 57314  
13478 47995 35656 72754 85040 61769 60898 78909 60245 27143  
20876 62971 30209 27669 93768 72597 89226 61122 49285 58252  
50444 93288 36092 37933 05445 91802 90061 74777 39249 78262  
79821 06095 74269 26384 89150 13057 18274 02751 14829 87646  
15413 77320 76424 92319 98873 41851 36585 54046 28543 40580  
53457 37788 69706 01568 51947 03339 45945 02012 86260 21483  
34905 55302

**11431 kHz, 13-06, 1050 UTC**

02250 00054 42036 35248 19241 27655 39206 53260 48110 58379  
18484 81505 03707 59061 93634 38135 34864 54458 47109 10035  
68669 72031 90241 64152 04587 11543 37779 57166 23039 35693  
68414 13897 66607 12556 82599 73193 64616 52628 29280 67053  
00134 33517 72951 19532 86264 90693 93513 62363 17450 00678  
61638 37494 26587 36725 86800 12763 47244

**11431 kHz, 13-06, 1150 UTC**

01859 00078 09069 26579 67574 15271 37619 14965 49872 76596  
99319 49923 01095 23967 76825 78756 49212 34515 25734 38929  
47928 21162 51458 09961 87715 29471 98552 70029 23990 01154  
38301 69765 36443 66920 09669 48815 17927 05536 72376 59463  
32944 41617 71614 66162 11563 75903 53271 98583 88368 65230  
98731 26206 82671 49894 70234 27987 13604 76869 35424 62644  
67282 85499 46434 46534 80201 25088 01530 41785 11974 60179  
96296 64169 25618 31030 38773 61555 14298 38674 09083 55781  
50120

**XPB1**

13876 kHz, 03-06/10-06/11-06/14-06/17-06/21-06/24-06/28-06, 1100 UTC  
13376 kHz, 03-06/10-06/11-06/14-06/17-06/21-06/24-06/28-06, 1110 UTC  
12176 kHz, 03-06/10-06/11-06/14-06/17-06/21-06/24-06/28-06, 1120 UTC  
11576 kHz, 03-06/10-06/11-06/14-06/17-06/21-06/24-06/28-06, 1130 UTC  
10676 kHz, 03-06/10-06/11-06/14-06/17-06/21-06/24-06/28-06, 1140 UTC  
10276 kHz, 03-06/10-06/11-06/14-06/17-06/21-06/24-06/28-06, 1150 UTC

11559kHz, 05-06/06-06/12-06/13-06/19-06/20-06/26-06/27-06, 0500 UTC  
12159kHz, 05-06/06-06/12-06/13-06/19-06/20-06/26-06/27-06, 0510 UTC  
13459kHz, 05-06/06-06/12-06/13-06/19-06/20-06/26-06/27-06, 0520 UTC  
13959kHz, 05-06/06-06/12-06/13-06/19-06/20-06/26-06/27-06, 0530 UTC  
14459kHz, 05-06/06-06/12-06/13-06/19-06/20-06/26-06/27-06, 0540 UTC  
14959kHz, 05-06/06-06/12-06/13-06/19-06/20-06/26-06/27-06, 0550 UTC

20047 kHz, 02-06/09-06/13-06/16-06/20-06/23-06/27-06/30-06, 1300 UTC  
19247 kHz, 02-06/09-06/13-06/16-06/20-06/23-06/27-06/30-06, 1310 UTC  
18247 kHz, 02-06/09-06/13-06/16-06/20-06/23-06/27-06/30-06, 1320 UTC  
17447 kHz, 02-06/09-06/13-06/16-06/20-06/23-06/27-06/30-06, 1330 UTC  
16247 kHz, 02-06/09-06/13-06/16-06/20-06/23-06/27-06/30-06, 1340 UTC  
14947 kHz, 02-06/09-06/13-06/16-06/20-06/23-06/27-06/30-06, 1350 UTC

15876 kHz, 03-06/10-06/12-06/17-06/19-06/24-06/26-06, 1200 UTC  
14876 kHz, 03-06/10-06/12-06/17-06/19-06/24-06/26-06, 1210 UTC  
14376 kHz, 03-06/10-06/12-06/17-06/19-06/24-06/26-06, 1220 UTC  
13876 kHz, 03-06/10-06/12-06/17-06/19-06/24-06/26-06, 1230 UTC  
13376 kHz, 03-06/10-06/12-06/17-06/19-06/24-06/26-06, 1240 UTC  
12176 kHz, 03-06/10-06/12-06/17-06/19-06/24-06/26-06, 1250 UTC

## DIPLOMATIC STATIONS

### Diplomatic stations: Bulgaria

17440 kHz, 14-06, 1228 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 15-06, 1228 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 13365 kHz
13365 kHz, 15-06, 1229 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
18455 kHz, 15-06, 1257 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 16-06, 1227 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 13365 kHz
13365 kHz, 16-06, 1227 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
18455 kHz, 16-06, 1257 UTC, RFSM	MFA Sofia wkg unid embassy
18455 kHz, 20-06, 1258 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 21-06, 1227 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 13365 kHz
13365 kHz, 21-06, 1227 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
18455 kHz, 21-06, 1257 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 22-06, 1229 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 13365 kHz
13365 kHz, 22-06, 1229 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
18455 kHz, 22-06, 1257 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 23-06, 1228 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 13365 kHz
13365 kHz, 23-06, 1231 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
18455 kHz, 23-06, 1256 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 26-06, 1230 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 13365 kHz
13365 kHz, 26-06, 1230 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
18455 kHz, 26-06, 1257 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 27-06, 1228 UTC, RFSM	MFA Sofia wkg unid embassy, QSX 13365 kHz
13365 kHz, 27-06, 1228 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
18455 kHz, 27-06, 1258 UTC, RFSM	MFA Sofia wkg unid embassy
12226 kHz, 28-06, 0827 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 28-06, 1229 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 13365 kHz
13365 kHz, 28-06, 1228 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
18455 kHz, 28-06, 1257 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 29-06, 1228 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 13365 kHz
13365 kHz, 29-06, 1229 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
18455 kHz, 29-06, 1258 UTC, RFSM	MFA Sofia wkg unid embassy
10230 kHz, 30-06, 0728 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 30-06, 1228 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 13365 kHz
13365 kHz, 30-06, 1230 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
18455 kHz, 30-06, 1258 UTC, RFSM	MFA Sofia wkg unid embassy

### Diplomatic stations: Egypt

14445.9 kHz, 20-06, 1015 UTC, SITOR-A 100/170 Egyptian diplo i.p. 5-character groups message

### Diplomatic stations: North Korea

14100 kHz, 01-06, 1336 UTC  
16254 kHz, 02-06, 1341 UTC. QSX 16258 kHz  
16258 kHz, 02-06, 1341 UTC. QSX 16254 kHz  
14600 kHz, 06-06, 1336 UTC  
14600 kHz, 06-06, 0636 UTC  
13600 kHz, 09-06, 0840 UTC  
14600 kHz, 09-06, 0840 UTC  
14300 kHz, 13-06, 1215 UTC

## Diplomatic stations: Russia

16315 kHz, 01-06, 0720 UTC, Serdolik v2	Russian diplo. Serdolik selcal
17517 kHz, 01-06, 0726 UTC, MFSK-66	Russian diplo
14474 kHz, 01-06, 0728 UTC, Serdolik v2	Russian diplo. Serdolik selcal
21824 kHz, 01-06, 0729 UTC, Serdolik v2	Russian diplo. Serdolik selcal
16315 kHz, 01-06, 0731 UTC, Serdolik v2	Russian diplo. Serdolik selcal
16026 kHz, 01-06, 0750 UTC, Serdolik v2	Russian diplo
16313 kHz, 01-06, 0802 UTC, Serdolik v2	Russian diplo
16315 kHz, 01-06, 1254 UTC, Serdolik v2	Russian diplo
16313 kHz, 01-06, 1255 UTC, Serdolik v2	Russian diplo
20627 kHz, 01-06, 1323 UTC, MFSK-6	MFA Moscow clg 436512: Russian embassy Harare
17468 kHz, 01-06, 1334 UTC, MFSK-6	Russian diplo
16320 kHz, 02-06, 1322 UTC, MFSK-6	MFA Moscow clg 241563: Russian Consulate General Karachi
13481 kHz, 04-06, 0654 UTC, MFSK-6	MFA Moscow clg 452163: Russian embassy Kabul
12122 kHz, 05-06, 0641 UTC, MFSK-66	Russian diplo
11638 kHz, 05-06, 0648 UTC, MFSK-6	MFA Moscow clg 165324: Russian embassy Vienna
12148 kHz, 05-06, 0738 UTC, MFSK-66	MFA Moscow wkg Russian embassy Bern
13950 kHz, 05-06, 0739 UTC, MFSK-66	Russian embassy Bern wkg MFA Moscow
12199 kHz, 05-06, 0807 UTC, MFSK-6	MFA Moscow clg 532614: Russian embassy Paris
20675 kHz, 05-06, 0922 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
14358 kHz, 06-06, 0828 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
18523 kHz, 06-06, 1142 UTC, MFSK-6	MFA Moscow clg 325614: Russian embassy Nairobi
14812 kHz, 06-06, 1703 UTC, MFSK-6	MFA Moscow clg 246531: Russian embassy Accra
14631 kHz, 07-06, 0826 UTC, MFSK-6	MFA Moscow clg 362154: Russian embassy Athens
14650 kHz, 07-06, 1149 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
13979 kHz, 07-06, 1207 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
14550 kHz, 08-06, 0813 UTC, MFSK-6	MFA Moscow clg 153624: Russian embassy Damascus - faint
16115 kHz, 08-06, 1018 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
16308 kHz, 08-06, 1021 UTC, MFSK-66	Russian diplo
19083 kHz, 08-06, 1023 UTC, MFSK-66	Russian diplo
16167 kHz, 08-06, 1044 UTC, Serdolik v2	Russian diplo
17441 kHz, 08-06, 1048 UTC, Serdolik v2	Russian diplo
16167 kHz, 08-06, 1050 UTC, Serdolik v2	Russian diplo
13522 kHz, 08-06, 1107 UTC, Serdolik v2	Russian diplo
15896 kHz, 08-06, 1109 UTC, OFDM-45	Russian diplo
4842 kHz, 08-06, 0747 UTC, MFSK-6	MFA Moscow clg 246135
11158 kHz, 09-06, 0649 UTC, Serdolik v2	Russian diplo
13427 kHz, 09-06, 0649 UTC, MFSK-6	MFA Moscow clg 341265: unid embassy
13420 kHz, 13-06, 0807 UTC, MFSK-6	MFA Moscow clg 534216: Russian embassy Baghdad
16255 kHz, 13-06, 0815 UTC, MFSK-66	Russian diplo.
16257 kHz, 13-06, 0821 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
16317 kHz, 13-06, 0954 UTC, MFSK-6	MFA Moscow clg 612534: Russian embassy Ashgabat
20816 kHz, 13-06, 1018 UTC, Serdolik v2	Russian diplo
20813 kHz, 13-06, 1025 UTC, MFSK-6	MFA Moscow clg 216354: Russian Consulate General Chennai
20813 kHz, 13-06, 1038 UTC, Serdolik v2	Russian diplo
20950 kHz, 14-06, 0725 UTC, MFSK-6	MFA Moscow clg 435621: Russian embassy Maputo
13369 kHz, 14-06, 0741 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
13458 kHz, 14-06, 0801 UTC, MFSK-66	Russian diplo
11153 kHz, 14-06, 0818 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
18231 kHz, 15-06, 1257 UTC, Serdolik v2	Russian diplo
14450 kHz, 16-06, 0836 UTC, MFSK-6	MFA Moscow clg 123456 (test call)
14450 kHz, 16-06, 0903 UTC, MFSK-6	MFA Moscow clg 123456 (test call)
14450 kHz, 16-06, 1147 UTC, MFSK-6	MFA Moscow clg 123456 (test call)
14450 kHz, 16-06, 1203 UTC, MFSK-6	MFA Moscow clg 123456 (test call)
14824 kHz, 16-06, 1017 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
11638 kHz, 19-06, 0704 UTC, MFSK-6	MFA Moscow clg 165324: Russian embassy Vienna
12100 kHz, 19-06, 0719 UTC, MFSK-6	MFA Moscow clg 123456 (test call)
14450 kHz, 19-06, 0753 UTC, MFSK-6	MFA Moscow clg 654321 (test call)
12100 kHz, 19-06, 0810 UTC, MFSK-6	MFA Moscow clg 654321 (test call)
14450 kHz, 19-06, 0816 UTC, MFSK-6	MFA Moscow clg 654321 (test call)
11438 kHz, 19-06, 0820 UTC, MFSK-6	MFA Moscow clg 532614: Russian embassy Paris

18960 kHz, 19-06, 0824 UTC, MFSK-6	MFA Moscow clg 654321 (test call)
20675 kHz, 19-06, 0923 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
12100 kHz, 19-06, 1035 UTC, MFSK-6	MFA Moscow clg 123456 (test call)
12100 kHz, 20-06, 0631 UTC, MFSK-6	MFA Moscow clg 123456 (test call)
13402 kHz, 20-06, 0823 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
15819 kHz, 21-06, 0641 UTC, MFSK-6	MFA Moscow clg 256341: Russian embassy Beirut
14650 kHz, 21-06, 1118 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
17440 kHz, 21-06, 1200 UTC, Serdolik v2	Russian diplo
17463 kHz, 23-06, 1008 UTC, MFSK-6	MFA Moscow clg 256134: Russian embassy Abidjan
13410 kHz, 25-06, 1034 UTC, Serdolik v2	Russian diplo
15719 kHz, 25-06, 1036 UTC, Serdolik v2	Russian diplo
12096 kHz, 25-06, 1044 UTC, Serdolik v2	Russian diplo
15810 kHz, 25-06, 1052 UTC, MFSK-6	MFA Moscow clg 145632: Russian embassy Algiers
13467 kHz, 26-06, 1236 UTC, MFSK-6	MFA Moscow clg 364152: Russian embassy New Delhi
14871 kHz, 26-06, 0814 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
17466 kHz, 26-06, 0817 UTC, Serdolik v2	Russian diplo
14686 kHz, 26-06, 0930 UTC, Serdolik v2	Russian diplo
13517 kHz, 26-06, 0940 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
19273 kHz, 26-06, 0943 UTC, Serdolik v2	Russian diplo
18642 kHz, 26-06, 0945 UTC, Serdolik v2	Russian diplo
11071 kHz, 27-06, 0753 UTC, Serdolik v2	Russian diplo.
11545 kHz, 27-06, 0801 UTC, MFSK-6	MFA Moscow clg 534216: Russian embassy Baghdad
16257 kHz, 27-06, 0806 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
13510 kHz, 27-06, 1004 UTC, MFSK-6	MFA Moscow clg 612534: Russian embassy Ashgabat
14830 kHz, 27-06, 0755 UTC, Serdolik v2	Russian embassy Baghdad
13369 kHz, 28-06, 0741 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
11153 kHz, 28-06, 0805 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
12188 kHz, 28-06, 0808 UTC, Serdolik v2	Russian diplo
16116 kHz, 28-06, 0905 UTC, MFSK-6	MFA Moscow clg 134265: Russian embassy Tunis
18245 kHz, 28-06, 0911 UTC, MFSK-6	MFA Moscow clg 134265: Russian embassy Tunis
13985 kHz, 28-06, 0917 UTC, MFSK-6	MFA Moscow clg 134265: Russian embassy Tunis
11562 kHz, 28-06, 0821 UTC, Serdolik v2	Russian diplo

## RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, F5JBR

### Monolith stations

Someone asked why I don't include Buzzer messages. Well, I did so in the past, but I have no time to listen to them myself and no-one sends me the transcripts. Simple !

Some Priyom members are logging the messages, so take a look here:

#### Western District

- <https://priyom.org/military-stations/russia/the-buzzer/2023>
- <https://priyom.org/military-stations/russia/the-air-horn/2023>
- <https://priyom.org/military-stations/russia/vyezha/2023/may-august>
- <https://priyom.org/military-stations/russia/overload/2023/june>

#### Southern District

- <https://priyom.org/military-stations/russia/the-pip/2023>
- <https://priyom.org/military-stations/russia/the-squeaky-wheel/2023>
- <https://priyom.org/military-stations/russia/vega/2023>
- <https://priyom.org/military-stations/russia/baron-78/2023>

## **Morse transmissions**

### Russian Military morse traffic

**10108 kHz, 13-06, 0747 UTC, FSK CW**

RDL RDL 76945 41566 63044 41566 73044 41566 K

**8428 kHz, 13-06, 0835 UTC**

XXX NVTI 80790 HRUPOTKACH 8917 6003 K

**7587.5 kHz, 13-06, 0842 UTC**

XXX GPX5 ELASTISHNYJ 01 1325 230 115 01 1080 090 280 1128 K

**7587.5 kHz, 13-06, 0855 UTC**

XXX NOX1 ELASTISHNYJ 01 1075 225 210 11 48 K

**7587.5 kHz, 13-06, 0857 UTC**

TOOW wkg 4 outations: XXX ELASTISHNYJ 01 1075 225 210 11 48 K

**9363 kHz, 13-06, 0930 UTC**

Channel marker D (R5min)

**12741 kHz, 16-05, 1652 UTC**

RDL RDL RDL 38174 86757 38174 86757 38174 86757 K

### Russian Navy morse traffic

**6948 kHz, 13-06, 0830 UTC. RIT: Russian Navy Severomorsk**

XXX RLO ELASTISHNYJ 01 1315 230 115 01 1080 090 280 1128 K

## **Digital transmissions**

**9080 kHz cf, 19-06, 0900-1000 UTC,**

Russian navy. "Akula" FSK 500/100 burst mode



**Russian tactical datalink**

6880 kHz, 30-06, 1629 UTC, Akkord 1200Bd/800Hz

7260 kHz, 30-06, 1629 UTC, Akkord 1200Bd/800Hz

## LOGS SECTION

Code	Date	UTC	Freq	Day	Details	Mode	Contributor
---	30-6	1629	6880	Fri	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	30-6	1629	7260	Fri	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
BUL	14-6	1228	17440	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	15-6	1228	17440	Thu	MFA Sofia wkg unid embassy. QSX 13365 kHz	RFSM	(AB)
BUL	15-6	1229	13365	Thu	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	15-6	1257	18455	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	16-6	1227	13365	Fri	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	16-6	1227	17440	Fri	MFA Sofia wkg unid embassy. QSX 13365 kHz	RFSM	(AB)
BUL	16-6	1257	18455	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	20-6	1258	18455	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	22-6	1229	13365	Thu	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	22-6	1229	17440	Thu	MFA Sofia wkg unid embassy. QSX 13365 kHz	RFSM	(AB)
BUL	22-6	1257	18455	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	23-6	1228	17440	Fri	MFA Sofia wkg unid embassy. QSX 13365 kHz	RFSM	(AB)
BUL	23-6	1231	13365	Fri	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	23-6	1256	18455	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	26-6	1230	13365	Mon	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	26-6	1230	17440	Mon	MFA Sofia wkg unid embassy. QSX 13365 kHz	RFSM	(AB)
BUL	26-6	1257	18455	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	27-6	1228	13365	Tue	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	27-6	1230	17440	Tue	MFA Sofia wkg unid embassy, QSX 13365 kHz	RFSM	(AB)
BUL	27-6	1258	18455	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	29-6	1228	17440	Thu	MFA Sofia wkg unid embassy. QSX 13365 kHz	RFSM	(AB)
BUL	29-6	1229	13365	Thu	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	29-6	1258	18455	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	30-6	0728	10230	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	30-6	1228	17440	Fri	MFA Sofia wkg unid embassy. QSX 13365 kHz	RFSM	(AB)
BUL	30-6	1230	13365	Fri	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	30-6	1258	18455	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
DPRK	1-6	1336	14100	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(PY)
DPRK	2-6	1341	16254	Fri	North Korean diplo. QSX 16258 kHz	DPRK-ARQ 600 LSB	(PY)
DPRK	2-6	1341	16258	Fri	North Korean diplo. QSX 16254 kHz	DPRK-ARQ 600 LSB	(PY)
DPRK	6-6	0636	14600	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(PY)
DPRK	6-6	1336	14600	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(PY)
DPRK	9-6	0840	13600	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(PY)
DPRK	9-6	0840	14600	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(PY)
DPRK	13-6	1215	14300	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
E06	1-6	0300	14932	Thu	361 742 38 17778 41132 10942 ... 20815 30151 00464 742 38 00000	USB	(PY/HFD)

E06	1-6	0400	12212	Thu	361 742 38 17778 41132 10942 ... 20815 30151 00464 742 38 00000	USB	(PY/HFD)
E06	1-6	0600	15830	Thu	328	USB	(HFD)
E06	1-6	0600	15830	Thu	328 495 60 56207...	USB	(sse/HFD)
E06	2-6	0400	12212	Fri	361 742 38 17778 41132 10942 ... 20815 30151 00464 742 38 00000	USB	(PY)
E06	2-6	0500	13985	Fri	328 495 60 56207 16488 70101 ... 93536 58819 82473 495 60 00000	USB	(Fuzz)
E06	2-6	0600	15830	Fri	328 495 60 56207...	USB	(PY)
E06	5-6	0210	11557	Mon	537 208 43 53415 33866 88523 ... 12785 02694 89217 208 43 00000	USB	(PY)
E06	5-6	0310	13808	Mon	537 208 43 53415 33866 88523 ... 12785 02694 89217 208 43 00000	USB	(PY)
E06	6-6	0210	11544	Tue	537 208 43 53415 33866 88523 ... 12785 02694 89217 208 43 00000	USB	(PY)
E06	6-6	0310	13808	Tue	537 208 43 53415 33866 88523 ... 12785 02694 89217 208 43 00000	USB	(PY)
E06	8-6	0300	14932	Thu	361 805 39 68362 24417 88315 ... 9678_ 54912 03343 805 39 00000	USB	(PY)
E06	8-6	0400	12212	Thu	361 805 39 68362 24417 88315 ... 9678_ 54912 03343 805 39 00000	USB	(PY)
E06	9-6	0300	14932	Fri	361 805 39 68362 24417 88315 ... 9678_ 54912 03343 805 39 00000	USB	(PY)
E06	9-6	0400	12212	Fri	361 805 39 68362 24417 88315 ... 9678_ 54912 03343 805 39 00000	USB	(PY)
E06	13-6	0743	10755	Tue	Windows XP Startup system sound, cut off	USB	(PY)
E06	13-6	0800	10755	Tue	975 214 36 20877 11643 88559 ... 64935 58497 04490 214 36 975 683 14 96943 22520 72720 ... 41953 45835 35796 683 14 00000	USB	(PY)
E06	15-6	0300	14932	Thu	361_79 40 32994 62759 77853 ... 4_542 69_0_4_9_79 40 00000	USB	(PY)
E06	15-6	0400	12212	Thu	361_79 40 32994 62759 77853 ... 4_542 69_0_4_9_79 40 00000	USB	(PY)
E06	15-6	0500	13985	Thu	328 671 50 79781 59214 15604 ... 62866 90268 80653 671 50 00000	USB	(AB)
E06	15-6	0600	15830	Thu	328 671 50 79781 59214 15604 ... 62866 90268 80653 671 50 00000	USB	(AB)
E06	16-6	0300	14932	Fri	361_79 40 32994 62759 77853 ... 4_542 69_0_4_9_79 40 00000	USB	(PY)
E06	16-6	0400	12212	Fri	361_79 40 32994 62759 77853 ... 4_542 69_0_4_9_79 40 00000	USB	(PY)
E06	16-6	0500	13985	Fri	328 671 50 79781 59214 15604 ... 62866 90268 80653 671 50 00000	USB	(AB)
E06	16-6	0600	15830	Fri	328 671 50 79781 59214 15604 ... 62866 90268 80653 671 50 00000	USB	(AB)
E06	16-6	0600	15830	Fri	, did my best to copy, can't guarantee 100% accura	USB	(Lac)
E06	19-6	0210	11557	Mon	537 619 44 78156 78826 48200 ... 58824 18966 45132 619 44 00000	USB	(PY/HFD-J)
E06	19-6	0310	13803	Mon	537 619 44 78156 78826 48200 ... 58824 18966 45132 619 44 00000	USB	(PY)
E06	19-6	0721	9463	Mon	1200Hz test tones then E06 "801" once, then Windows XP Critical Stop system sound twice	USB	(PY)
E06	20-6	0210	11557	Tue	537 619 44 78156 78826 48200 ... 58824 18966 45132 619 44 00000	USB	(PY)
E06	20-6	0310	13803	Tue	537 619 44 78156 78826 48200 ... 58824 18966 45132 619 44 00000	USB	(PY)
E06	22-6	0300	14932	Thu	361 580 41 15817 38369 48977 ... 35545 35_27 4844_ 580 41 00000	USB	(PY)
E06	22-6	0400	12212	Thu	361 580 41 15817 38369 48977 ... 35545 35_27 4844_ 580 41 00000	USB	(PY)
E06	23-6	0300	14932	Fri	361 580 41 15817 38369 48977 ... 35545 35_27 4844_ 580 41 00000	USB	(PY)
E06	23-6	0400	12212	Fri	361 580 41 15817 38369 48977 ... 35545 35_27 4844_ 580 41 00000	USB	(PY)
E06	26-6	0210	11557	Mon	537 820 45 99717 95130 87575 ... 37645 13341 47809 820 45 00000	USB	(PY)
E06	26-6	0310	13803	Mon	537 820 45 99717 95130 87575 ... 37645 13341 47809 820 45 00000	USB	(PY)
E06	27-6	0210	11557	Tue	537 820 45 99717 95130 87575 ... 37645 13341 47809 820 45 00000	USB	(PY)
E06	27-6	0310	13803	Tue	537 820 45 99717 95130 87575 ... 37645 13341 47809 820 45 00000	USB	(PY)
E06	29-6	0300	14932	Thu	361 907 42 08560 79922 39128 ... 65218 67600 50976 907 42 00000	USB	(PY)
E06	29-6	0400	12212	Thu	361 907 42 08560 79922 39128 ... 65218 67600 50976 907 42 00000	USB	(PY)



E06	30-6	0300	14932	Fri	361 907 42 08560 79922 39128 ... 65218 67600 50976 907 42 00000	USB	(PY)
E06	30-6	0400	12212	Fri	361 907 42 08560 79922 39128 ... 65218 67600 50976 907 42 00000	USB	(PY)
E06b	19-6	0730	9463	Mon	801 19283 263 40 17210 43843 47456 ... 19___ 43449 51347 497 20 00000	USB	(PY)
E07	25-5	1410	15836	Thu	157 157 157 1 412 69 412 69 18382 50101 80151 ... 20267 67937 42993 000 000	USB	(AB)
E07	27-5	1410	15836	Sat	157 157 157 1 412 69 412 69 18382 50101 80151 ... 20267 67937 42993 000 000	USB	(AB)
E07	1-6	1410	13417	Thu	603 603 603 000	USB	(MPJ/PY/HFD)
E07	1-6	1430	14717	Thu	603 603 603 000	USB	(MPJ/PY/HFD)
E07	2-6	1500	14945	Fri	912 912 912 1 6970 96 6970 96 51159 41329 67261 ... 79371 84502 40896 000 000	USB	(PY/LuCa/HFD)
E07	2-6	1520	16145	Fri	912 912 912 1 6970 96 6970 96 51159 41329 67261 ... 79371 84502 40896 000 000	USB	(PY/LuCa/HFD)
E07	2-6	1540	18245	Fri	912 912 912 1 6970 96 6970 96 51159 41329 67261 ... 79371 84502 40896 000 000	USB	(PY/LuCa/HFD-KWT)
E07	3-6	1300	12176	Sat	152 152 152 000	USB	(MPJ/PY)
E07	3-6	1320	11576	Sat	152 152 152 000	USB	(MPJ)
E07	3-6	1410	13417	Sat	603 603 603 000	USB	(MPJ/PY)
E07	3-6	1430	14717	Sat	603 603 603 000	USB	(MPJ/PY)
E07	4-6	0600	10317	Sun	312 312 312 000	USB	(PY/HFD)
E07	4-6	0620	11117	Sun	312 312 312 000	USB	(PY/HFD)
E07	6-6	1500	14945	Tue	912 912 912 000	USB	(PY)
E07	6-6	1520	16145	Tue	912 912 912 000	USB	(PY)
E07	8-6	1410	13417	Thu	603 603 603 1 889 71 889 71 66557 02577 02842 ... 88759 16728 38532 000 000	USB	(AB/MPJ/PY)
E07	8-6	1430	14717	Thu	603 603 603 1 889 71 889 71 66557 02577 02842 ... 88759 16728 38532 000 000	USB	(AB/MPJ)
E07	8-6	1450	15817	Thu	603 603 603 1 889 71 889 71 66557 02577 02842 ... 88759 16728 38532 000 000	USB	(AB/MPJ)
E07	9-6	1500	14945	Fri	912 912 912 000	USB	(AB/MPJ/PY)
E07	9-6	1520	16145	Fri	912 912 912 000	USB	(AB/MPJ/PY)
E07	10-6	1300	12176	Sat	152 152 152 000	USB	(AB/MPJ/PY)
E07	10-6	1320	11576	Sat	152 152 152 000	USB	(AB/MPJ/PY)
E07	10-6	1410	13417	Sat	603 603 603 1 889 71 889 71 66557 02577 02842 ... 88759 16728 38532 000 000	USB	(AB/MPJ/Su-bilo/sse/PY/Lac)
E07	10-6	1430	14717	Sat	603 603 603 1 889 71 889 71 66557 02577 02842 ... 88759 16728 38532 000 000	USB	(AB/MPJ/Su-bilo/sse/PY/Lac)
E07	10-6	1450	15817	Sat	603 603 603 1 889 71 889 71 66557 02577 02842 ... 88759 16728 38532 000 000	USB	(AB/MPJ/Su-bilo/sse/PY/Lac)
E07	11-6	0600	10317	Sun	312 312 312 000	USB	(AB)
E07	11-6	0620	11117	Sun	312 312 312 000	USB	(AB)
E07	13-6	1500	14945	Tue	912 912 912 1 8415 120 8415 120 02166 36144 06174 ... 77309 84356 93245 000 000	USB	(AB/MPJ/Lac)
E07	13-6	1520	16145	Tue	912 912 912 1 8415 120 8415 120 02166 36144 06174 ... 77309 84356 93245 000 000	USB	(AB/MPJ/Lac)
E07	13-6	1540	18245	Tue	912 912 912 1 8415 120 8415 120 02166 36144 06174 ... 77309 84356 93245 000 000	USB	(AB/MPJ/Lac)
E07	15-6	1410	13417	Thu	603 603 603 000	USB	(AB/Lac)
E07	15-6	1430	14717	Thu	603 603 603 000	USB	(AB/Lac)
E07	16-6	1500	14945	Fri	912 912 912 1 8415 120 8415 120 02166 36144 06174 ... 77309 84356 93245 000 000	USB	(AB)
E07	16-6	1500	14945	Fri	912 1 8415 120, repeat from 13-06-2023 (Lac)	USB	(Lac)
E07	16-6	1520	16145	Fri	912 912 912 1 8415 120 8415 120 02166 36144 06174 ... 77309 84356 93245 000 000	USB	(AB)
E07	16-6	1520	16145	Fri	912 1 8415 120, repeat from 13-06-2023 (Lac)	USB	(Lac)
E07	16-6	1540	18245	Fri	912 912 912 1 8415 120 8415 120 02166 36144 06174 ... 77309 84356 93245 000 000	USB	(AB)

E07	16-6	1540	18245	Fri	912 1 8415 120, repeat from 13-06-2023 (Lac)	USB	(Lac)
E07	17-6	1300	12176	Sat	152 152 152 000	USB	(AB/MPJ)
E07	17-6	1320	11576	Sat	152 152 152 000	USB	(AB/MPJ/Lac)
E07	17-6	1410	13417	Sat	603 603 603 000	USB	(AB/Lac)
E07	17-6	1430	14717	Sat	603 603 603 000	USB	(AB/Lac)
E07	18-6	0600	10317	Sun	312 312 312 000	USB	(AB)
E07	18-6	0620	11117	Sun	312 312 312 000	USB	(AB/Lac)
E07	20-6	1500	14945	Tue	912 912 912 000	USB	(AB/Lac)
E07	20-6	1520	16145	Tue	912 912 912 000	USB	(AB/Lac)
E07	22-6	1410	13417	Thu	603 603 603 1 2048 53 2048 53 16945 20323 61448 ... 23233 48780 33658 000 000	USB	(AB/Lac)
E07	22-6	1430	14717	Thu	603 603 603 1 2048 53 2048 53 16945 20323 61448 ... 23233 48780 33658 000 000	USB	(AB/Lac)
E07	22-6	1450	15817	Thu	603 603 603 1 2048 53 2048 53 16945 20323 61448 ... 23233 48780 33658 000 000	USB	(AB/Lac)
E07	23-6	1500	14945	Fri	912 912 912 000	USB	(AB/Lac)
E07	23-6	1520	16145	Fri	912 912 912 000	USB	(AB/Lac)
E07	24-6	1300	12176	Sat	152 152 152 000	USB	(AB/Lac)
E07	24-6	1320	11576	Sat	152 152 152 000	USB	(AB/Lac)
E07	24-6	1410	13417	Sat	603 603 603 1 2048 53 2048 53 16945 20323 61448 ... 23233 48780 33658 000 000	USB	(AB/MPJ/Lac)
E07	24-6	1430	14717	Sat	603 603 603 1 2048 53 2048 53 16945 20323 61448 ... 23233 48780 33658 000 000	USB	(AB/MPJ/Lac)
E07	24-6	1450	15817	Sat	603 603 603 1 2048 53 2048 53 16945 20323 61448 ... 23233 48780 33658 000 000	USB	(AB/MPJ/Lac)
E07	25-6	0600	10317	Sun	312 312 312 000	USB	(AB/Lac)
E07	25-6	0620	11117	Sun	312 312 312 000	USB	(AB)
E07	27-6	1520	16145	Tue	912 912 912 1 9969 78 9979 78 05999 59156 23338 ... 76449 18950 24780 000 000	USB	(AB/MPJ/Lac)
E07	27-6	1540	18245	Tue	912 912 912 1 9969 78 9979 78 05999 59156 23338 ... 76449 18950 24780 000 000	USB	(AB/MPJ/Lac)
E07	29-6	1410	13417	Thu	603 603 603 000	USB	(AB/Lac)
E07	29-6	1430	14717	Thu	603 603 603 000	USB	(AB)
E07	30-6	1500	14945	Fri	912 912 912 1 9969 78 9979 78 05999 59156 23338 ... 76449 18950 24780 000 000	USB	(AB/Lac)
E07	30-6	1520	16145	Fri	912 912 912 1 9969 78 9979 78 05999 59156 23338 ... 76449 18950 24780 000 000	USB	(AB)
E07	30-6	1540	18245	Fri	912 912 912 1 9969 78 9979 78 05999 59156 23338 ... 76449 18950 24780 000 000	USB	(AB)
E11	1-6	0645	8091	Thu	510/00	USB	(sse)
E11	1-6	0745	14940	Thu	223/00	USB	(PY)
E11	1-6	0820	4909	Thu	436/34	USB	(PY)
E11	1-6	1300	5737	Thu	318/00	USB	(sse)
E11	1-6	1530	10356	Thu	262/00	USB	(MPJ/PY)
E11	1-6	1645	14575	Thu	330/00	USB	(MPJ/PY)
E11	1-6	1730	8088	Thu	414/00	USB	(LuCa)
E11	1-6	1900	7600	Thu	649/00	USB	(AB/PY)
E11	1-6	2000	5409	Thu	527/32	USB	(PY)
E11	2-6	0600	9150	Fri	359/00	USB	(PY)
E11	2-6	0700	8680	Fri	576/00	USB	(PY)
E11	2-6	0715	10429	Fri	637/00	USB	(PY)
E11	2-6	0745	15720	Fri	346/00	USB	(PY)
E11	2-6	0820	4909	Fri	436/34	USB	(PY)

E11	2-6	0830	16335	Fri	180/00	USB	(PY)
E11	2-6	1000	12153	Fri	304/00	USB	(MPJ/sse)
E11	2-6	1715	7863	Fri	975/00	USB	(MPJ/Subilo)
E11	2-6	1815	12229	Fri	920/00	USB	(MPJ/Subilo)
E11	2-6	1910	9610	Fri	612/00	USB	(AB/Subilo)
E11	3-6	0700	7377	Sat	491/00	USB	(Subilo)
E11	3-6	1430	12984	Sat	912/00	USB	(MPJ/Subilo)
E11	3-6	1910	4783	Sat	399/00	USB	(AB/Subilo)
E11	4-6	0600	9150	Sun	359/00	USB	(PY)
E11	4-6	0700	7377	Sun	498/00	USB	(PY)
E11	4-6	1530	5082	Sun	360/37	USB	(PY)
E11	4-6	1605	5231	Sun	235/00	USB	(Subilo)
E11	4-6	1745	14410	Sun	247/00	USB	(Subilo)
E11	4-6	1815	12229	Sun	926/00	USB	(sse/subilo)
E11	4-6	1910	9610	Sun	618/00	USB	(Subilo/Dragon)
E11	5-6	0315	14972	Mon	256/00	USB	(Subilo)
E11	5-6	0450	7469	Mon	413/35	USB	(Subilo)
E11	5-6	0715	18030	Mon	755/00	USB	(EL)
E11	5-6	0745	9610	Mon	260/37	USB	(EL)
E11	5-6	0845	12815	Mon	714/00	USB	(PY)
E11	5-6	0900	9052	Mon	536/38	USB	(PY)
E11	5-6	1045	12089	Mon	690/00	USB	(PY)
E11	5-6	1300	5737	Mon	310/00	USB	(PY)
E11	5-6	1900	7600	Mon	648/32	USB	(PY)
E11	6-6	0645	8091	Tue	515/36	USB	(PY)
E11	6-6	0700	8680	Tue	571/33	USB	(PY)
E11	6-6	0715	10429	Tue	631/00	USB	(PY)
E11	6-6	0745	14940	Tue	228/00	USB	(PY)
E11	6-6	0820	17378	Tue	132/34	USB	(PY)
E11	6-6	1000	12153	Tue	300/27	USB	(PY)
E11	6-6	1205	6304	Tue	463/00	USB	(PY)
E11	6-6	1430	12984	Tue	917/00	USB	(PY)
E11	6-6	1605	5231	Tue	238/00	USB	(sse)
E11	6-6	1645	14575	Tue	330/35	USB	(Subilo)
E11	7-6	0315	14972	Wed	250/00	USB	(dragon)
E11	7-6	0715	18030	Wed	759/00	USB	(PY)
E11	7-6	0745	15720	Wed	342/39	USB	(PY)
E11	7-6	0820	17378	Wed	132/34	USB	(PY)
E11	7-6	0845	12815	Wed	718/00	USB	(PY)
E11	7-6	0930	6923	Wed	271/32	USB	(PY)
E11	7-6	1045	12089	Wed	691/00	USB	(AB)
E11	7-6	1205	6304	Wed	469/00	USB	(PY)

E11	7-6	1910	4783	Wed	396/00	USB	(sse/Subilo)
E11	8-6	0745	14940	Thu	221/00	USB	(AB/PY)
E11	8-6	0820	4909	Thu	430/00	USB	(AB-POL/PY)
E11	8-6	0845	19184	Thu	154/00	USB	(AB/PY)
E11	8-6	1300	5737	Thu	311/00	USB	(AB-POL/MPJ-HOL/PY)
E11	8-6	1530	10356	Thu	260/37	USB	(PY)
E11	8-6	2000	5409	Thu	528/00	USB	(PY)
E11	9-6	0600	9150	Fri	359/00	USB	(AB/PY)
E11	9-6	0715	10429	Fri	633/00	USB	(AB/PY)
E11	9-6	0830	16335	Fri	183/00	USB	(AB/PY)
E11	9-6	1815	12229	Fri	929/00	USB	(AB/MPJ/PY)
E11	9-6	1910	9610	Fri	618/00	USB	(Subilo)
E11	10-6	0700	7377	Sat	492/00	USB	(AB/Subilo)
E11	10-6	1430	12984	Sat	912/00	USB	(MPJ/sse/Subilo/Lac)
E11	10-6	1530	5082	Sat	368/00	USB	(AB/Subilo/Lac)
E11	10-6	1910	4783	Sat	390/00	USB	(AB/Subilo)
E11	11-6	0600	9150	Sun	358/00	USB	(AB)
E11	11-6	0700	7377	Sun	492/00	USB	(AB)
E11	11-6	1815	12229	Sun	922/00	USB	(AB/MPJ/Lac)
E11	11-6	1910	9610	Sun	618/00	USB	(AB/Lac)
E11	11-6	2000	5409	Sun	524/00	USB	(AB/Lac)
E11	12-6	0315	14972	Mon	259/00	USB	(AB-POL)
E11	12-6	0450	7469	Mon	414/00	USB	(AB)
E11	12-6	0715	18030	Mon	752/00	USB	(AB)
E11	12-6	0745	9610	Mon	268/00	USB	(AB)
E11	12-6	0900	9052	Mon	538/00	USB	(AB)
E11	12-6	1300	5737	Mon	315/00	USB	(AB-POL/Lac)
E11	12-6	1745	14410	Mon	240/00	USB	(AB)
E11	12-6	1754	14410	Mon	240/00	USB	(Lac)
E11	12-6	1900	7600	Mon	649/00	USB	(AB/Lac)
E11	13-6	0645	8091	Tue	517/00	USB	(AB)
E11	13-6	0700	8680	Tue	573/00	USB	(AB)
E11	13-6	0715	10429	Tue	631/00	USB	(AB)
E11	13-6	0745	14940	Tue	229/00	USB	(AB)
E11	13-6	0820	17378	Tue	131/00	USB	(AB)
E11	13-6	0845	19184	Tue	151/00	USB	(AB)
E11	13-6	1000	12153	Tue	304/00	USB	(AB/Lac)
E11	13-6	1205	6304	Tue	460/00	USB	(AB-POL/MPJ-AUT)
E11	13-6	1430	12984	Tue	915/00	USB	(AB/MPJ/Lac)
E11	13-6	1605	5231	Tue	236/00	USB	(AB/MPJ)
E11	13-6	1645	14575	Tue	331/00	USB	(AB)
E11	14-6	0715	18030	Wed	755/00	USB	(AB-POL)

E11	14-6	0745	15720	Wed	348/00	USB	(AB)
E11	14-6	0820	17378	Wed	138/00	USB	(AB)
E11	14-6	0900	9052	Wed	536/00	USB	(AB/Lac)
E11	14-6	0930	6923	Wed	278/00	USB	(AB-POL/Lac)
E11	14-6	0930	6923	Wed	278/00	USB	(Lac)
E11	14-6	1205	6304	Wed	466/00	USB	(AB-POL/Lac)
E11	14-6	1205	6304	Wed	466/00	USB	(Lac)
E11	14-6	1605	5231	Wed	236/00	USB	(Lac)
E11	14-6	1715	7863	Wed	972/00	USB	(AB/Lac)
E11	14-6	1850	12457	Wed	288/00	USB	(Lac)
E11	14-6	1910	4783	Wed	392/00	USB	(AB/Lac)
E11	15-6	0645	8091	Thu	519/00	USB	(AB)
E11	15-6	0745	14940	Thu	229/00	USB	(AB/Lac)
E11	15-6	0820	4909	Thu	432/00	USB	(AB-POL/PY)
E11	15-6	0845	19184	Thu	156/00	USB	(AB/Lac)
E11	15-6	0930	6923	Thu	277/00	USB	(AB)
E11	15-6	1300	5737	Thu	313/00	USB	(AB-POL)
E11	15-6	1530	10356	Thu	269/00	USB	(AB/Lac)
E11	15-6	1530	10356	Thu	269/00	USB	(Lac)
E11	15-6	1645	14575	Thu	330/00	USB	(AB/Lac)
E11	15-6	1730	8088	Thu	414/00	USB	(AB/Lac)
E11	15-6	1900	7600	Thu	646/00	USB	(AB/Lac)
E11	16-6	0600	9150	Fri	359/00	USB	(AB/Lac)
E11	16-6	0700	8680	Fri	579/00	USB	(AB/Lac)
E11	16-6	0715	10429	Fri	631/00	USB	(AB/Lac)
E11	16-6	0745	15720	Fri	340/00	USB	(AB)
E11	16-6	0820	4909	Fri	438/00	USB	(PY)
E11	16-6	1000	12153	Fri	302/00	USB	(AB/Lac)
E11	16-6	1715	7863	Fri	974/00	USB	(AB/Lac)
E11	16-6	1815	12229	Fri	929/00	USB	(AB/MPJ/Lac)
E11	16-6	1910	9610	Fri	618/00	USB	(AB)
E11	17-6	1430	12984	Sat	912/00	USB	(AB/Lac)
E11	17-6	1530	5082	Sat	364/00	USB	(AB/MPJ-HOL/Lac)
E11	17-6	1910	4783	Sat	395/00	USB	(AB-POL/Lac)
E11	18-6	0600	9150	Sun	350/00	USB	(AB)
E11	18-6	1530	5082	Sun	363/00	USB	(MPJ/Lac)
E11	18-6	1605	5231	Sun	237/00	USB	(AB/Lac)
E11	18-6	1745	14410	Sun	245/00	USB	(AB/Lac)
E11	18-6	1815	12229	Sun	922/00	USB	(AB/MPJ/Lac)
E11	18-6	1910	9610	Sun	616/00	USB	(AB/Lac)
E11	18-6	2000	5409	Sun	521/00	USB	(AB/Lac)
E11	19-6	0315	14972	Mon	250/00	USB	(AB-POL)

E11	19-6	0450	7469	Mon	414/00	USB	(AB)
E11	19-6	0715	18030	Mon	753/00	USB	(AB/Lac)
E11	19-6	0745	9610	Mon	262/00	USB	(AB/Lac)
E11	19-6	0830	16335	Mon	185/00	USB	(AB/Lac)
E11	19-6	0845	12815	Mon	713/00	USB	(AB/Lac)
E11	19-6	0900	9052	Mon	537/00	USB	(AB/Lac)
E11	19-6	1045	12089	Mon	696/00	USB	(AB/Lac)
E11	19-6	1300	5737	Mon	319/00	USB	(AB-POL/Lac)
E11	19-6	1745	14410	Mon	249/00	USB	(AB/Lac)
E11	19-6	1900	7600	Mon	640/00	USB	(AB/Lac)
E11	20-6	0645	8091	Tue	518/00	USB	(AB/Lac)
E11	20-6	0700	8680	Tue	577/00	USB	(AB/Lac)
E11	20-6	0715	10429	Tue	630/00	USB	(AB)
E11	20-6	0820	17378	Tue	134/00	USB	(AB/Lac)
E11	20-6	0845	19184	Tue	159/00	USB	(AB/Lac)
E11	20-6	1000	12153	Tue	302/00	USB	(AB/Lac)
E11	20-6	1205	6304	Tue	462/00	USB	(AB-POL/Lac)
E11	20-6	1605	5231	Tue	236/00	USB	(AB-POL)
E11	20-6	1645	14575	Tue	338/00	USB	(AB-POL/Lac)
E11	21-6	0315	14972	Wed	251/00	USB	(AB)
E11	21-6	0715	18030	Wed	757/00	USB	(AB/Lac)
E11	21-6	0745	15720	Wed	347/00	USB	(AB/Lac)
E11	21-6	0820	17378	Wed	138/00	USB	(AB/Lac)
E11	21-6	0845	12815	Wed	715/00	USB	(AB)
E11	21-6	0900	9052	Wed	534/00	USB	(AB/Lac)
E11	21-6	0930	6923	Wed	273/00	USB	(AB-POL/Lac)
E11	21-6	1045	12089	Wed	693/00	USB	(AB/Lac)
E11	21-6	1205	6304	Wed	469/00	USB	(AB-POL/Lac)
E11	21-6	1715	7863	Wed	974/00	USB	(AB/MPJ/Lac)
E11	22-6	0645	8091	Thu	515/00	USB	(AB)
E11	22-6	0820	4909	Thu	436/00	USB	(AB-POL)
E11	22-6	0845	19184	Thu	152/00	USB	(AB)
E11	22-6	0930	6923	Thu	276/00	USB	(AB/Lac)
E11	22-6	1300	5737	Thu	315/00	USB	(AB-POL/Lac)
E11	22-6	1530	10356	Thu	262/00	USB	(AB/Lac)
E11	22-6	1645	14575	Thu	334/00	USB	(AB/Lac)
E11	22-6	1730	8088	Thu	412/00	USB	(AB/Lac)
E11	22-6	1900	7600	Thu	648/00	USB	(AB/Lac)
E11	22-6	2000	5409	Thu	525/00	USB	(AB-POL/Lac)
E11	23-6	0700	8680	Fri	573/00	USB	(AB/Lac)
E11	23-6	0715	10429	Fri	630/00	USB	(AB/Lac)
E11	23-6	0745	15720	Fri	Active but too weak to copy	USB	(AB)

E11	23-6	0820	4909	Fri	432/00	USB	(AB-POL)
E11	23-6	0830	16335	Fri	180/00	USB	(AB/Lac)
E11	23-6	1000	12153	Fri	305/00	USB	(AB/Lac)
E11	23-6	1715	7863	Fri	974/00	USB	(AB/Lac)
E11	24-6	0700	7377	Sat	496/00	USB	(AB/Lac)
E11	24-6	1530	5082	Sat	360/00	USB	(AB/Lac)
E11	25-6	0700	7377	Sun	495/00	USB	(AB)
E11	25-6	1530	5082	Sun	367/00	USB	(AB/MPJ/Lac)
E11	25-6	1605	5231	Sun	237/00	USB	(AB/MPJ/Lac)
E11	25-6	1745	14410	Sun	240/00	USB	(AB/MPJ-AUT)
E11	25-6	2000	5409	Sun	524/00	USB	(AB/Lac)
E11	26-6	0450	7469	Mon	415/00	USB	(AB)
E11	26-6	0745	9610	Mon	264/00	USB	(AB/Lac)
E11	26-6	0830	16335	Mon	189/00	USB	(AB/Lac)
E11	26-6	0845	12815	Mon	719/00	USB	(AB/Lac)
E11	26-6	0900	9052	Mon	532/00	USB	(AB/Lac)
E11	26-6	1045	12089	Mon	697/00	USB	(AB/Lac)
E11	26-6	1300	5737	Mon	too weak to copy	USB	(Lac)
E11	26-6	1745	14410	Mon	248/00	USB	(AB)
E11	26-6	1900	7600	Mon	644/00	USB	(AB)
E11	27-6	0645	8091	Tue	518/00	USB	(AB/Lac)
E11	27-6	0645	8091	Tue	514/00	USB	(Lac)
E11	27-6	0700	8680	Tue	570/00	USB	(AB/Lac)
E11	27-6	0745	14940	Tue	229/00	USB	(AB/Lac)
E11	27-6	0820	17378	Tue	133/00	USB	(AB/Lac)
E11	27-6	1000	12153	Tue	306/00	USB	(AB/Lac)
E11	27-6	1430	12984	Tue	918/00	USB	(AB/MPJ/Lac)
E11	27-6	1605	5231	Tue	238/00	USB	(AB-POL/Lac)
E11	27-6	1645	14575	Tue	332/00	USB	(AB/MPJ)
E11	28-6	0745	15720	Wed	346/00	USB	(AB-POL/Lac)
E11	28-6	0820	17378	Wed	134/00	USB	(AB-POL/Lac)
E11	28-6	0845	12815	Wed	718/00	USB	(Lac)
E11	28-6	0900	9052	Wed	530/00	USB	(AB/Anon)
E11	28-6	0930	6923	Wed	275/00	USB	(Lac)
E11	28-6	1045	12089	Wed	697/00	USB	(AB/Lac)
E11	28-6	1715	7863	Wed	976/00	USB	(AB)
E11	28-6	1910	4783	Wed	390/00	USB	(AB)
E11	29-6	0645	8091	Thu	514/00	USB	(Lac)
E11	29-6	0745	14940	Thu	220/00	USB	(Lac)
E11	29-6	0820	4909	Thu	438/00	USB	(AB-POL/Lac)
E11	29-6	0930	6923	Thu	276/00	USB	(AB)
E11	29-6	1530	10356	Thu	266/00	USB	(AB/Lac)

E11	29-6	1645	14575	Thu	331/00		USB	(AB/Lac)
E11	29-6	1730	8088	Thu	412/00		USB	(AB)
E11	29-6	1900	7600	Thu	644/00		USB	(AB/Lac)
E11	29-6	2000	5409	Thu	520/00		USB	(AB/Lac)
E11	30-6	0600	9150	Fri	355/00		USB	(AB)
E11	30-6	0700	8680	Fri	579/00		USB	(AB)
E11	30-6	0745	15720	Fri	349/00		USB	(AB)
E11	30-6	0820	4909	Fri	431/00		USB	(AB-POL)
E11	30-6	0830	16335	Fri	180/00		USB	(AB)
E11	30-6	1000	12153	Fri	300/00		USB	(AB)
E11	30-6	1715	7863	Fri	975/00		USB	(AB/Lac)
E11	30-6	1815	12229	Fri	921/00		USB	(AB/Lac)
E11	30-6	1910	9610	Fri	611/00		USB	(AB/Lac)
E11a	1-6	2000	5409	Thu	527/32 Attention 91481 07656 63666 ... 76029 69254 77927 Attention (msg rptd) Out		USB	(Anon)
E11a	3-6	1530	5082	Sat	360/37 Attention 26777 09163 44803 ... 21185 27994 35666 out		USB	(MPJ/Subilo)
E11a	4-6	2000	5409	Sun	527/32 Attention 91481 07656 63666 ... 76029 69254 77927 Attention (msg rptd) Out		USB	(EL/qsr711/Lac)
E11a	5-6	1745	14410	Mon	245/35 Attention 76764 43320 06517 ... 08375 59100 88099 Attention (msg rptd) Out		USB	(PY)
E11a	7-6	1715	7863	Wed	977/32 Attention 88925 02001 16731 ... 61126 31617 45214 Attention (msg rptd) Out		USB	(PY)
E11a	8-6	0645	8091	Thu	515/36 Attention 78588 14749 68450 ... 04975 19715 79624 Attention (msg rptd) Out		USB	(AB/kalv)
E11a	8-6	0930	6923	Thu	271/32 Attention 78893 90110 55655 ... 62133 12335 30969 Attention (msg rptd) Out		USB	(AB-POL/PY)
E11a	8-6	1530	10356	Thu	260/37 Attention 27378 85043 22669 ... 14672 45057 91346 Attention (msg rptd) Out		USB	(AB/MPJ/PY)
E11a	8-6	1645	14575	Thu	330/35 Attention 00414 67597 52271 ...		USB	(AB/PY)
E11a	8-6	1730	8088	Thu	413/35 Attention 13610 73571 23341 ... 18458 26935 80738 out		USB	(MPJ/PY)
E11a	8-6	1900	7600	Thu	648/32 Attention ...		USB	(AB/PY)
E11a	9-6	0700	8680	Fri	571/33 Attention 91302 68371 91082 ... 82185 42677 15446 Attention (msg rptd) Out		USB	(AB/PY)
E11a	9-6	0745	15720	Fri	342/39 Attention 97416 64328 59141 ... 92694 41313 95401 Attention (msg rptd) Out		USB	(AB/PY)
E11a	9-6	1000	12153	Fri	300/27 Attention 71826 64725 15310 ... 43724 75518 91324 Attention (msg rptd) out		USB	(AB/PY)
E11a	9-6	1715	7863	Fri	977/32 Attention 88925 02001 16731 ... 61126 31617 45214 Attention (msg rptd) Out		USB	(AB/PY)
E11a	11-6	1605	5231	Sun	238/32 Attention 02993 04473 73098 ... 03008 42494 27458 Attention (msg rptd) Out		USB	(AB/MPJ)
E11a	11-6	1745	14410	Sun	245/35 Attention 76764 43320 06517 ... 08375 59100 88099 Attention (msg rptd) Out		USB	(AB/Lac)
E11a	12-6	0830	16335	Mon	185/33 Attention 90642 65369 40335 ... 71171 41540 07399 Attention (msg rptd) Out		USB	(AB)
E11a	12-6	0845	12815	Mon	718/38 Attention 24701 03177 69514 ... 62291 35295 95335 Attention (msg rptd) Out		USB	(AB)
E11a	12-6	1045	12089	Mon	696/22 Attention 48665 65861 81785 ... 46544 61272 07243 Attention (msg rptd) Out		USB	(AB)
E11a	12-6	1045	5409	Mon	active		USB	(Lac)
E11a	14-6	0845	12815	Wed	718/38 Attention 24701 03177 69514 ... 62291 35295 95335 Attention (msg rptd) Out		USB	(AB/Lac)
E11a	14-6	1045	12089	Wed	696/22 Attention 48665 65861 81785 ... 46544 61272 07243 Attention (msg rptd) Out		USB	(AB/Lac)
E11a	16-6	0830	16335	Fri	185/33 Attention 90642 65369 40335 ... 71171 41540 07399 Attention (msg rptd) Out		USB	(AB/Lac)
E11a	17-6	0700	7377	Sat	491/35 Attention 20078 01537 63791 ... 71360 00754 59344 Attention (msg rptd) Out		USB	(AB/Lac)
E11a	18-6	0700	7377	Sun	491/35 Attention 20078 01537 63791 ... 71360 00754 59344 Attention (msg rptd) Out		USB	(AB/Lac)
E11a	20-6	0745	14940	Tue	225/34 Attention 40287 07542 72303 ... 54231 72826 54506 Attention (msg rptd) Out		USB	(AB/Lac)
E11a	20-6	1430	12984	Tue	914/32 Attention 48082 89421 65430 ... 65439 21904 08307 Attention (msg rptd) Out		USB	(AB/Lac)
E11a	21-6	1910	4783	Wed	391/37 Attention 47812 35378 92795 ... 66289 54237 80095 Attention (msg rptd) Out		USB	(AB/Lac)



E11a	22-6	0745	14940	Thu	225/34 Attention 40287 07542 72303 ... 54231 72826 54506 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	23-6	0600	9150	Fri	359/36 Attention 88499 11711 11338 ... 26971 75047 71305 Attention (msg rptd) Out	USB	(AB)
E11a	23-6	1815	12229	Fri	922/40 Attention 30299 07796 68499 ... 59550 53921 70191 Attention (msg rptd) Out	USB	(AB)
E11a	23-6	1910	9610	Fri	614/30 Attention 04680 87600 32598 ... 27837 76432 19997 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	24-6	1430	12984	Sat	914/32 Attention 48082 89421 65430 ... 65439 21904 08307 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	24-6	1910	4783	Sat	391/37 Attention 47812 35378 92795 ... 66289 54237 80095 Attention (msg rptd) Out	USB	(AB-POL/Lac)
E11a	25-6	0600	9150	Sun	359/36 Attention 88499 11711 11338 ... 26971 75047 71305 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	25-6	1815	12229	Sun	922/40 Attention 30299 07796 68499 ... 59550 53921 70191 Attention (msg rptd) Out	USB	(AB/MPJ)
E11a	25-6	1910	9610	Sun	614/30 Attention 04680 87600 32598 ... 27837 76432 19997 Attention (msg rptd) Out	USB	(AB)
E11a	26-6	0315	14972	Mon	252/31 Attention 93706 23907 56276 ... 38659 43796 40257 Attention (msg rptd) Out	USB	(AB-POL)
E11a	26-6	0715	18030	Mon	753/38 Attention 11706 77076 06082 ... 33587 60238 20581 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	26-6	1300	5737	Mon	316/35 Attention 48978 62603 35125 ... 62395 47315 79454 Attention (msg rptd) Out	USB	(AB-POL)
E11a	27-6	0715	10429	Tue	635/38 Attention 25833 00269 65968 ... 89662 42142 56167 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	27-6	0845	19184	Tue	151/24 Attention 23499 50546 88731 ... 10154 64972 50201 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	27-6	1205	6304	Tue	469/39 Attention 27194 98761 73317 ... 00528 89010 53353 Attention (msg rptd) Out	USB	(AB-POL/MPJ/Lac)
E11a	28-6	0715	18030	Wed	753/38 Attention 11706 77076 16082 ... 33587 60238 20581 Attention (msg rptd) Out	USB	(AB-POL/Lac)
E11a	28-6	1205	6304	Wed	469/39 Attention 27194 98761 73317 ... 00528 89010 53353 Attention (msg rptd) Out	USB	(AB-POL)
E11a	29-6	0845	19184	Thu	151/24 Attention 23499 50546 88731 ... 10154 64972 50201 Attention (msg rptd) Out	USB	(AB/Lac)
E11a	29-6	1300	5737	Thu	316/35 Attention 48978 62603 35125 ... 62395 47315 79454 Attention (msg rptd) Out	USB	(AB-POL)
E11a	30-6	0715	10429	Fri	635/38 Attention 25833 00269 65968 ... 89662 42142 56167 Attention (msg rptd) Out	USB	(AB)
EGY	20-6	1015	14445.9	Tue	Egyptian diplo i.p. 5-character groups message	SITOR-A 100/170	(AB)
F01	1-6	1015	11487	Thu	Russian diplo/intel. 76070 95767 20534... 88716 29279 89075 00000 +++++	FSK 200/500	(PY)
F01	2-6	1015	11487	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(PY)
F01	2-6	1025	9376	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(PY)
F01	2-6	1035	7591	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(PY)
F01	5-6	1015	11487	Mon	Russian diplo/intel. 63454 00214 78840 ... 38426 49432 90427 00000 +++++ +++++	FSK 200/500	(PY)
F01	6-6	1015	11487	Tue	Russian diplo/intel. 38551 12347 65008 ... 05460 27984 92089 00000 +++++	FSK 200/500	(PY/HFD)
F01	7-6	1015	11487	Wed	Russian diplo/intel. 81916 04156 54836 ... 59477 94139 93437 00000 +++++ +++++	FSK 200/500	(PY/HFD)
F01	7-6	1025	9376	Wed	Russian diplo/intel. Message	FSK 200/500	(PY/HFD)
F01	7-6	1035	7591	Wed	Russian diplo/intel. 81916 04156 54836 ... 59477 94139 93437 00000 +++++ +++++	FSK 200/500	(PY)
F01	7-6	1840	14621	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/PY)
F01	7-6	1850	12206	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/PY)
F01	7-6	1900	10465	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/PY)
F01	8-6	1015	11487	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/PY)
F01	8-6	1025	9376	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	8-6	1035	7591	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	9-6	1015	11487	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS/PY)
F01	9-6	1025	9376	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	9-6	1035	7591	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	12-6	1015	11487	Mon	Russian diplo/intel. 07536 05305 02181 ... 29695 31737 96413 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	12-6	1025	9376	Mon	Russian diplo/intel. 07536 05305 02181 ... 29695 31737 96413 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	12-6	1035	7591	Mon	Russian diplo/intel. 07536 05305 02181 ... 29695 31737 96413 00000 +++++ +++++	FSK 200/500	(AB-RUS)

F01	13-6	1015	11487	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	13-6	1025	9376	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	13-6	1035	7591	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	14-6	1015	11487	Wed	Russian diplo/intel. 81916 04156 54836 ... 59477 94139 99437 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	14-6	1025	9376	Wed	Russian diplo/intel. 81916 04156 54836 ... 59477 94139 99437 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	14-6	1035	7591	Wed	Russian diplo/intel. 81916 04156 54836 ... 59477 94139 99437 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	15-6	1015	11487	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	15-6	1025	9376	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	15-6	1035	7591	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	16-6	1015	11487	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	16-6	1025	9376	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	16-6	1035	7591	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	19-6	1015	11487	Mon	Russian diplo/intel. 16976 32689 20474 ... 17330 03407 00000 +++++ +++++	FSK 200/500	(AB)
F01	19-6	1025	9376	Mon	Russian diplo/intel. 16976 32689 20474 ... 17330 03407 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	19-6	1035	7591	Mon	Russian diplo/intel. 16976 32689 20474 ... 17330 03407 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	20-6	1015	11487	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	20-6	1025	9376	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	20-6	1035	7591	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	21-6	1015	11487	Wed	Russian diplo/intel. 18128 86717 24637 ... 69421 19654 06405 00000 +++++	FSK 200/500	(AB-RUS)
F01	21-6	1025	9376	Wed	Russian diplo/intel. 18128 86717 24637 ... 69421 19654 06405 00000 +++++	FSK 200/500	(AB-RUS)
F01	21-6	1035	7591	Wed	Russian diplo/intel. 18128 86717 24637 ... 69421 19654 06405 00000 +++++	FSK 200/500	(AB-RUS)
F01	22-6	1015	11487	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	22-6	1025	9376	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	22-6	1035	7591	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	23-6	1015	11487	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	23-6	1025	9376	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	23-6	1035	7591	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	26-6	1015	11487	Mon	Russian diplo/intel. 26597 36257 78840 ... 38426 49432 09427 00000 +++++ +++++	FSK 200/500	(AB)
F01	26-6	1025	9376	Mon	Russian diplo/intel. 26597 36257 78840 ... 38426 49432 09427 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	26-6	1035	7591	Mon	Russian diplo/intel. 26597 36257 78840 ... 38426 49432 09427 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	27-6	1015	11487	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	27-6	1025	9376	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	27-6	1035	7591	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	28-6	0930	12051	Wed	Russian diplo/intel. 21663 27622 78679 ... 04603 57883 17221 00000 +++++ +++++	FSK 200/500	(Pof)
F01	28-6	0940	14578	Wed	Russian diplo/intel. 21663 27622 78679 ... 04603 57883 17221 00000 +++++ +++++	FSK 200/500	(PY)
F01	28-6	0950	17466	Wed	Russian diplo/intel. 21663 27622 78679 ... 04603 57883 17221 00000 +++++ +++++	FSK 200/500	(PY)
F01	28-6	1015	11487	Wed	Russian diplo/intel. 82734 07729 68760 ... 62384 00333 12421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	28-6	1025	9376	Wed	Russian diplo/intel. 82734 07729 68760 ... 62384 00333 12421 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	28-6	1035	7591	Wed	Russian diplo/intel. 82734 07729 68760 ... 62384 00333 12421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)

F01	29-6	0930	12051	Thu	Russian diplo/intel. 21663 27622 78679 ... 04603 57883 17221 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	29-6	0940	14578	Thu	Russian diplo/intel. 21663 27622 78679 ... 04603 57883 17221 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	29-6	0950	17466	Thu	Russian diplo/intel. 21663 27622 78679 ... 04603 57883 17221 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	29-6	1015	11487	Thu	Russian diplo/intel. Too weak to copy	FSK 200/500	(AB)
F01	29-6	1025	9376	Thu	Russian diplo/intel. Too weak to copy	FSK 200/500	(AB)
F01	29-6	1035	7591	Thu	Russian diplo/intel. Too weak to copy	FSK 200/500	(AB)
F01	30-6	1015	11487	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	30-6	1025	9376	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	30-6	1035	7591	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F02	5-6	1050	17542	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(qsr711)
F02	5-6	1116	16226	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(qsr711)
F02	9-6	0841	14885	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(qsr711)
F02	13-6	0650	16107	Tue	Russian domestic net. Test	MFSK-4/150Bd/4000Hz	(AB)
F02	13-6	0700	16107	Tue	Russian domestic net.	MFSK-4/150Bd/4000Hz	(AB)
F02	20-6	0700	16107	Tue	Russian domestic net.	MFSK-4/150Bd/4000Hz	(AB)
F02	27-6	0700	16107	Tue	Russian domestic net.	MFSK-4/150Bd/4000Hz	(AB)
F02	28-6	1026	14848	Wed	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	29-6	0629	14377	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	29-6	0640	13484	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	29-6	0649	12120	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	30-6	0642	14377	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	30-6	0843	13434	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F03j	1-6	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	1-6	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	1-6	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	2-6	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	2-6	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(MPJ)
F03j	2-6	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(MPJ)
F03j	5-6	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	5-6	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	5-6	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	5-6	0950	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	5-6	0955	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	5-6	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	6-6	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	6-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	6-6	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	6-6	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	6-6	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	6-6	1100	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	6-6	1105	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	6-6	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)

F03j	7-6	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	7-6	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	7-6	0950	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	7-6	0955	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	7-6	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(MPJ)
F03j	7-6	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	7-6	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(MPJ)
F03j	7-6	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	7-6	1100	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	7-6	1105	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	8-6	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	8-6	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	8-6	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	8-6	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	8-6	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	8-6	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	8-6	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	8-6	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/PY)
F03j	8-6	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/PY)
F03j	9-6	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	9-6	0850	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	9-6	0855	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	9-6	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	9-6	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	9-6	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	9-6	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	9-6	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	9-6	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	12-6	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-6	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-6	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-6	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-6	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-6	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-6	0950	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-6	0955	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-6	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-6	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-6	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-6	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-6	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	13-6	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-6	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-6	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-6	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-6	1100	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-6	1105	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-6	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	13-6	1505	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	14-6	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	14-6	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	14-6	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-6	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-6	0950	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-6	0955	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-6	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-6	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-6	1100	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-6	1105	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-6	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-6	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-6	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-6	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-6	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-6	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-6	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-6	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-6	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	15-6	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-6	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-6	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-6	0850	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-6	0855	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-6	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-6	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-6	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-6	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-6	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-6	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-6	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-6	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-6	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-6	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	19-6	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-6	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-6	0950	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-6	0955	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-6	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-6	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0810	12229	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0815	12229	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	1100	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	1105	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-6	1505	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-6	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-6	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-6	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-6	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-6	0950	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-6	0955	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-6	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-6	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-6	1100	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-6	1105	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-6	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-6	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-6	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-6	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-6	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-6	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-6	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-6	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-6	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	22-6	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)

F03j	23-6	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-6	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-6	0850	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-6	0855	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-6	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-6	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-6	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-6	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-6	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-6	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-6	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-6	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-6	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-6	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-6	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-6	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-6	0950	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-6	0955	10125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-6	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-6	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0810	12229	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0815	12229	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	1100	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	1105	8186	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-6	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ-AUT)
F03j	27-6	1505	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ-AUT)
F03j	28-6	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	28-6	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	28-6	0950	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-6	0955	10125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-6	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-6	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

<b>F03j</b>	28-6	1100	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	28-6	1105	8186	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-6	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-6	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-6	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-6	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-6	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-6	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-6	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-6	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	29-6	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	29-6	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
<b>F03j</b>	30-6	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	30-6	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	30-6	0850	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	30-6	0855	12229	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	30-6	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	30-6	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	30-6	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	30-6	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	30-6	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03j</b>	30-6	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
<b>F03I</b>	1-6	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	1-6	0635	14865	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	1-6	0805	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	1-6	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(MPJ)
<b>F03I</b>	1-6	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(MPJ)
<b>F03I</b>	1-6	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(LuCa)
<b>F03I</b>	1-6	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(MPJ)
<b>F03I</b>	1-6	1840	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(MPJ)
<b>F03I</b>	2-6	0800	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	5-6	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/PY)
<b>F03I</b>	5-6	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/PY)
<b>F03I</b>	6-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/PY)
<b>F03I</b>	6-6	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/PY)
<b>F03I</b>	7-6	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	8-6	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
<b>F03I</b>	8-6	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ/PY)
<b>F03I</b>	8-6	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ/PY)
<b>F03I</b>	8-6	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ/FSK1)
<b>F03I</b>	8-6	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ/FSK1)
<b>F03I</b>	12-6	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)



<b>F03I</b>	12-6	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	13-6	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15-6	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15-6	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15-6	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15-6	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15-6	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	15-6	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	19-6	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	19-6	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	20-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	20-6	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	21-6	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	21-6	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	22-6	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	22-6	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	22-6	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	22-6	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	22-6	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	22-6	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	26-6	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	26-6	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	27-6	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	27-6	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	28-6	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	28-6	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	29-6	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	29-6	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	29-6	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	29-6	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	29-6	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F03I</b>	29-6	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
<b>F06</b>	1-6	0300	11563	Thu	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
<b>F06</b>	1-6	0600	17420	Thu	Russian diplo/intel. 11166 40122 26714 27056 02729 and 11166 40122 16349 27057 02259	FSK 200/1000	(PY)
<b>F06</b>	1-6	0610	15673	Thu	Russian diplo/intel. 11166 40122 26714 27056 02729 and 11166 40122 16349 27057 02259	FSK 200/1000	(PY)
<b>F06</b>	1-6	0620	13361	Thu	Russian diplo/intel. 11166 40122 26714 27056 02729 and 11166 40122 16349 27057 02259	FSK 200/1000	(PY)
<b>F06</b>	1-6	0700	11474	Thu	Russian diplo/intel. 11166 70202 15238 31020 02179 and 11166 70202 37846 31021 01239	FSK 200/1000	(PY)

F06	1-6	1340	12109	Thu	Russian diplo/intel. 11166 80214 75321 01016 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	1-6	1350	10169	Thu	Russian diplo/intel. 11166 80214 75321 01016 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	2-6	0700	11474	Fri	Russian diplo/intel. 11166 70202 21487 02047 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	4-6	1530	20945	Sun	Russian diplo/intel. 11166 10053 12547 04088 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	4-6	1540	17515	Sun	Russian diplo/intel. 11166 10053 12547 04088 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	4-6	1550	15677	Sun	Russian diplo/intel. 11166 10053 12547 04088 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	5-6	0200	13370	Mon	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	5-6	0210	11532	Mon	Russian diplo/intel. Message. Switched to correct 11538khz frequency	FSK 200/1000	(PY)
F06	5-6	0300	11563	Mon	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	5-6	0400	12194	Mon	Russian diplo/intel. 11166 70059 12547 05045 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	5-6	0410	10943	Mon	Russian diplo/intel. Null message	FSK 200/1000	(PY)
F06	5-6	0420	8116	Mon	Russian diplo/intel. Null message	FSK 200/1000	(PY)
F06	5-6	0700	11474	Mon	Russian diplo/intel. 11166 70202 85329 02022 02599	FSK 200/1000	(PY)
F06	5-6	0710	9234	Mon	Russian diplo/intel. 11166 70202 85329 02022 02599	FSK 200/1000	(PY)
F06	6-6	0030	14929	Tue	Russian diplo/intel. 11166 60070 12457 06001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	6-6	0040	12133	Tue	Russian diplo/intel. 11166 60070 12457 06001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	6-6	0050	10359	Tue	Russian diplo/intel. 11166 60070 12457 06001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	6-6	0200	13370	Tue	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	6-6	0300	11563	Tue	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	6-6	0700	11474	Tue	Russian diplo/intel. 11166 70202 17238 05023 01559 and 11166 70202 17846 05024 01779	FSK 200/1000	(PY)
F06	6-6	0710	9234	Tue	Russian diplo/intel. 11166 70202 17238 05023 01559 and 11166 70202 17846 05024 01779	FSK 200/1000	(PY)
F06	6-6	0720	7461	Tue	Russian diplo/intel. 11166 70202 17238 05023 01559 and 11166 70202 17846 05024 01779	FSK 200/1000	(PY)
F06	6-6	1230	20259	Tue	Russian diplo/intel. 11166 30154 25894 06028 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	6-6	1240	16331	Tue	Russian diplo/intel. 11166 30154 25894 06028 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	6-6	1650	20889	Tue	Russian diplo/intel. 11166 10053 85214 06001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	6-6	1700	18051	Tue	Russian diplo/intel. 11166 10053 85214 06001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	6-6	1710	16087	Tue	Russian diplo/intel. 11166 10053 85214 06001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	7-6	0620	13503	Wed	Russian diplo/intel. 11166 40122 35216 03058 03379	FSK 200/1000	(PY)
F06	7-6	0700	11474	Wed	Russian diplo/intel. 11166 70202 98451 06025 02439	FSK 200/1000	(PY)
F06	8-6	0300	11563	Thu	Russian diplo/intel. Message	FSK 200/1000	(Subilo/LuCa)
F06	8-6	0310	10216	Thu	Russian diplo/intel. Message	FSK 200/1000	(Subilo/LuCa)
F06	8-6	0600	17512	Thu	Russian diplo/intel. 11166 40122 35216 03058 03379	FSK 200/1000	(AB-KOR)
F06	8-6	0610	15930	Thu	Russian diplo/intel. 11166 40122 35216 03058 03379	FSK 200/1000	(AB-KOR/PY)
F06	8-6	0620	13503	Thu	Russian diplo/intel. 11166 40122 35216 03058 03379	FSK 200/1000	(AB-KOR/PY)
F06	8-6	0700	11474	Thu	Russian diplo/intel. 11166 70202 17239 07026 01539 and 11166 70202 34856 07027 01759	FSK 200/1000	(AB/PY)
F06	8-6	0710	9234	Thu	Russian diplo/intel. 11166 70202 17239 07026 01539 and 11166 70202 34856 07027 01759	FSK 200/1000	(AB)

F06	8-6	0720	7461	Thu	Russian diplo/intel. 11166 70202 17239 07026 01539 and 11166 70202 34856 07027 01759	FSK 200/1000	(AB)
F06	8-6	1200	10762	Thu	Russian diplo/intel. 11166 70202 17239 07026 01539 and 11166 70202 34856 07027 01759	FSK 200/1000	(AB)
F06	8-6	1210	8191	Thu	Russian diplo/intel. 11166 70202 17239 07026 01539 and 11166 70202 34856 07027 01759	FSK 200/1000	(AB)
F06	8-6	1220	6782	Thu	Russian diplo/intel. 11166 70202 17239 07026 01539 and 11166 70202 34856 07027 01759	FSK 200/1000	(AB)
F06	8-6	1330	16351	Thu	Russian diplo/intel.	FSK 200/1000	(AB/linkz/PY)
F06	8-6	1340	12109	Thu	Russian diplo/intel.	FSK 200/1000	(AB/MPJ/PY)
F06	8-6	1350	10169	Thu	Russian diplo/intel.	FSK 200/1000	(AB/MPJ/PY)
F06	9-6	0300	11563	Fri	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	9-6	0322	9417	Fri	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	9-6	0700	11474	Fri	Russian diplo/intel. 11166 70202 28197 09018 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	9-6	0710	9234	Fri	Russian diplo/intel. 11166 70202 28197 09018 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-6	0720	7461	Fri	Russian diplo/intel. 11166 70202 28197 09018 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-6	1530	20945	Sun	Russian diplo/intel. 11166 10053 87129 10071 01729	FSK 200/1000	(AB/MPJ/PY)
F06	11-6	1540	17515	Sun	Russian diplo/intel. 11166 10053 87129 10071 01729	FSK 200/1000	(AB/MPJ/PY)
F06	11-6	1550	15677	Sun	Russian diplo/intel. 11166 10053 87129 10071 01729	FSK 200/1000	(AB/MPJ/PY)
F06	12-6	0700	11474	Mon	Russian diplo/intel. 11166 70202 19837 09028 02319	FSK 200/1000	(AB)
F06	12-6	0710	9234	Mon	Russian diplo/intel. 11166 70202 19837 09028 02319	FSK 200/1000	(AB)
F06	12-6	0720	7461	Mon	Russian diplo/intel. 11166 70202 19837 09028 02319	FSK 200/1000	(AB)
F06	12-6	1200	10762	Mon	Russian diplo/intel. 11166 70202 19837 09028 02319	FSK 200/1000	(AB)
F06	12-6	1210	8191	Mon	Russian diplo/intel. 11166 70202 19837 09028 02319	FSK 200/1000	(AB)
F06	12-6	1220	6782	Mon	Russian diplo/intel. 11166 70202 19837 09028 02319	FSK 200/1000	(AB)
F06	12-6	1530	20945	Mon	Russian diplo/intel. 11166 10053 87129 10071 01729	FSK 200/1000	(AB/PY)
F06	12-6	1540	17515	Mon	Russian diplo/intel. 11166 10053 87129 10071 01729	FSK 200/1000	(AB/PY)
F06	12-6	1550	15677	Mon	Russian diplo/intel. 11166 10053 87129 10071 01729	FSK 200/1000	(AB/PY)
F06	13-6	0030	14929	Tue	Russian diplo/intel. 11166 60070 54879 13075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-6	0040	12133	Tue	Russian diplo/intel. 11166 60070 54879 13075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-6	0050	10359	Tue	Russian diplo/intel. 11166 60070 54879 13075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-6	0700	11474	Tue	Russian diplo/intel. 11166 70202 13264 09029 01759 and 11166 70202 52874 09030 01639	FSK 200/1000	(AB)
F06	13-6	0710	9234	Tue	Russian diplo/intel. 11166 70202 13264 09029 01759 and 11166 70202 52874 09030 01639	FSK 200/1000	(AB)
F06	13-6	0720	7461	Tue	Russian diplo/intel. 11166 70202 13264 09029 01759 and 11166 70202 52874 09030 01639	FSK 200/1000	(AB)
F06	13-6	1200	10762	Tue	Russian diplo/intel. 11166 70202 13264 09029 01759 and 11166 70202 52874 09030 01639	FSK 200/1000	(AB)
F06	13-6	1210	8191	Tue	Russian diplo/intel. 11166 70202 13264 09029 01759 and 11166 70202 52874 09030 01639	FSK 200/1000	(AB)

F06	13-6	1220	6782	Tue	Russian diplo/intel. 11166 70202 13264 09029 01759 and 11166 70202 52874 09030 01639	FSK 200/1000	(AB)
F06	13-6	1230	20259	Tue	Russian diplo/intel. 11166 30154 12345 13609 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ-HNG)
F06	13-6	1240	16331	Tue	Russian diplo/intel. 11166 30154 12345 13609 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ-HNG)
F06	13-6	1250	14678	Tue	Russian diplo/intel. 11166 30154 12345 13609 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-6	1650	20889	Tue	Russian diplo/intel. 11166 10053 92716 10074 01729	USB	(AB)
F06	13-6	1700	18051	Tue	Russian diplo/intel. 11166 10053 92716 10074 01729	USB	(AB)
F06	13-6	1710	16087	Tue	Russian diplo/intel. 11166 10053 92716 10074 01729	USB	(AB)
F06	14-6	0600	17512	Wed	Russian diplo/intel. 11166 40122 98514 10059 03029 and 11166 40122 19753 10060 02769	FSK 200/1000	(AB-KOR)
F06	14-6	0610	15930	Wed	Russian diplo/intel. 11166 40122 98514 10059 03029 and 11166 40122 19753 10060 02769	FSK 200/1000	(AB-KOR)
F06	14-6	0620	13503	Wed	Russian diplo/intel. 11166 40122 98514 10059 03029 and 11166 40122 19753 10060 02769	FSK 200/1000	(AB-KOR)
F06	14-6	0700	11474	Wed	Russian diplo/intel. 11166 70202 25814 13031 02439	FSK 200/1000	(AB)
F06	14-6	0710	9234	Wed	Russian diplo/intel. 11166 70202 25814 13031 02439	FSK 200/1000	(AB)
F06	14-6	0720	7461	Wed	Russian diplo/intel. 11166 70202 25814 13031 02439	FSK 200/1000	(AB)
F06	14-6	0915	19837	Wed	Russian diplo/intel. 11166 40023 17468 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-6	0930	15629	Wed	Russian diplo/intel. 11166 40023 17468 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-6	0945	13955	Wed	Russian diplo/intel. 11166 40023 17468 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-6	1200	10762	Wed	Russian diplo/intel. 11166 70202 25814 13031 02439	FSK 200/1000	(AB/MPJ)
F06	14-6	1210	8191	Wed	Russian diplo/intel. 11166 70202 25814 13031 02439	FSK 200/1000	(AB/MPJ)
F06	14-6	1220	6782	Wed	Russian diplo/intel. 11166 70202 25814 13031 02439	FSK 200/1000	(AB/MPJ)
F06	14-6	1650	20889	Wed	Russian diplo/intel. 11166 10053 92716 10074 01729	USB	(AB)
F06	14-6	1700	18051	Wed	Russian diplo/intel. 11166 10053 92716 10074 01729	USB	(AB)
F06	14-6	1710	16087	Wed	Russian diplo/intel. 11166 10053 92716 10074 01729	USB	(AB)
F06	15-6	0600	17512	Thu	Russian diplo/intel. 11166 40122 98514 10059 03029 and 11166 40122 19753 10060 02769	FSK 200/1000	(AB-KOR)
F06	15-6	0610	15930	Thu	Russian diplo/intel. 11166 40122 98514 10059 03029 and 11166 40122 19753 10060 02769	FSK 200/1000	(AB-KOR)
F06	15-6	0620	13503	Thu	Russian diplo/intel. 11166 40122 98514 10059 03029 and 11166 40122 19753 10060 02769	FSK 200/1000	(AB-KOR)
F06	15-6	0700	11474	Thu	Russian diplo/intel. 11166 70202 28491 14032 01499 and 11166 70202 97516 14033 02779	FSK 200/1000	(AB)
F06	15-6	0710	9234	Thu	Russian diplo/intel. 11166 70202 28491 14032 01499 and 11166 70202 97516 14033 02779	FSK 200/1000	(AB)
F06	15-6	0720	7461	Thu	Russian diplo/intel. 11166 70202 28491 14032 01499 and 11166 70202 97516 14033 02779	FSK 200/1000	(AB)
F06	15-6	1200	10762	Thu	Russian diplo/intel. 11166 70202 28491 14032 01499 and 11166 70202 97516 14033 02779	FSK 200/1000	(AB)
F06	15-6	1210	8191	Thu	Russian diplo/intel. 11166 70202 28491 14032 01499 and 11166 70202 97516 14033 02779	FSK 200/1000	(AB)

F06	15-6	1220	6782	Thu	Russian diplo/intel. 11166 70202 28491 14032 01499 and 11166 70202 97516 14033 02779	FSK 200/1000	(AB)
F06	15-6	1330	16351	Thu	Russian diplo/intel. 11100 80214 45613 15074 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-6	1340	12109	Thu	Russian diplo/intel. 11100 80214 45613 15074 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-6	1350	10169	Thu	Russian diplo/intel. 11100 80214 45613 15074 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16-6	0700	11474	Fri	Russian diplo/intel. 11166 70202 95841 16084 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16-6	0710	9234	Fri	Russian diplo/intel. 11166 70202 95841 16084 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16-6	0720	7461	Fri	Russian diplo/intel. 11166 70202 95841 16084 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-6	1530	20945	Sun	Russian diplo/intel. 11166 10053 13468 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KWT)
F06	18-6	1540	17515	Sun	Russian diplo/intel. 11166 10053 13468 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KWT)
F06	18-6	1550	15677	Sun	Russian diplo/intel. 11166 10053 13468 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-6	0400	12194	Mon	Russian diplo/intel. 11166 70059 13467 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-6	0410	10943	Mon	Russian diplo/intel. 11166 70059 13467 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-6	0420	8116	Mon	Russian diplo/intel. 11166 70059 13467 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-6	0700	11474	Mon	Russian diplo/intel. 11166 70202 25418 16034 02599	FSK 200/1000	(AB)
F06	19-6	0710	9234	Mon	Russian diplo/intel. 11166 70202 25418 16034 02599	FSK 200/1000	(AB)
F06	19-6	0720	7461	Mon	Russian diplo/intel. 11166 70202 25418 16034 02599	FSK 200/1000	(AB)
F06	19-6	0800	10198	Mon	Russian diplo/intel. 11100 00000 98146 16092 03539	FSK 200/1000	(PY)
F06	19-6	0810	8082	Mon	Russian diplo/intel. 11100 00000 98146 16092 03539	FSK 200/1000	(PY)
F06	19-6	0820	6833	Mon	Russian diplo/intel. 11100 00000 98146 16092 03539	FSK 200/1000	(PY)
F06	19-6	1200	10762	Mon	Russian diplo/intel. 11166 70202 25418 16034 02599	FSK 200/1000	(AB)
F06	19-6	1210	8191	Mon	Russian diplo/intel. 11166 70202 25418 16034 02599	FSK 200/1000	(AB)
F06	19-6	1220	6782	Mon	Russian diplo/intel. 11166 70202 25418 16034 02599	FSK 200/1000	(AB)
F06	20-6	0030	14929	Tue	Russian diplo/intel. 11166 60070 79135 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-6	0040	12133	Tue	Russian diplo/intel. 11166 60070 79135 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-6	0050	10359	Tue	Russian diplo/intel. 11166 60070 79135 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-6	0700	11474	Tue	Russian diplo/intel. 11166 70202 97162 19035 01699 and 11166 70202 17492 19036 01759	FSK 200/1000	(AB)
F06	20-6	0710	9234	Tue	Russian diplo/intel. 11166 70202 97162 19035 01699 and 11166 70202 17492 19036 01759	FSK 200/1000	(AB)
F06	20-6	0720	7461	Tue	Russian diplo/intel. 11166 70202 97162 19035 01699 and 11166 70202 17492 19036 01759	FSK 200/1000	(AB)
F06	20-6	1200	10762	Tue	Russian diplo/intel. 11166 70202 97162 19035 01699 and 11166 70202 17492 19036 01759	FSK 200/1000	(AB)
F06	20-6	1210	8191	Tue	Russian diplo/intel. 11166 70202 97162 19035 01699 and 11166 70202 17492 19036 01759	FSK 200/1000	(AB)
F06	20-6	1220	6782	Tue	Russian diplo/intel. 11166 70202 97162 19035 01699 and 11166 70202 17492 19036 01759	FSK 200/1000	(AB)
F06	20-6	1230	20259	Tue	Russian diplo/intel. 11166 30154 15975 20059 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	20-6	1240	16331	Tue	Russian diplo/intel. 11166 30154 15975 20059 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	20-6	1250	14678	Tue	Russian diplo/intel. 11166 30154 15975 20059 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-6	1650	20889	Tue	Russian diplo/intel. 11166 10053 14789 16075 01729	USB	(AB-RUS)

F06	20-6	1700	18051	Tue	Russian diplo/intel. 11166 10053 14789 16075 01729	USB	(AB-RUS)
F06	20-6	1710	16087	Tue	Russian diplo/intel. 11166 10053 14789 16075 01729	USB	(AB)
F06	21-6	0600	17512	Wed	Russian diplo/intel. 11166 40122 25930 21029 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	21-6	0610	15930	Wed	Russian diplo/intel. 11166 40122 25930 21029 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	21-6	0620	13503	Wed	Russian diplo/intel. 11166 40122 25930 21029 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	21-6	0700	11474	Wed	Russian diplo/intel. 11166 70202 95418 20037 02579	FSK 200/1000	(AB)
F06	21-6	0710	9234	Wed	Russian diplo/intel. 11166 70202 95418 20037 02579	FSK 200/1000	(AB)
F06	21-6	0720	7461	Wed	Russian diplo/intel. 11166 70202 95418 20037 02579	FSK 200/1000	(AB)
F06	21-6	1200	10762	Wed	Russian diplo/intel. 11166 70202 95418 20037 02579	FSK 200/1000	(AB)
F06	21-6	1210	8191	Wed	Russian diplo/intel. 11166 70202 95418 20037 02579	FSK 200/1000	(AB)
F06	21-6	1220	6782	Wed	Russian diplo/intel. 11166 70202 95418 20037 02579	FSK 200/1000	(AB)
F06	21-6	1650	20889	Wed	Russian diplo/intel. 11166 10053 14789 16075 01729	USB	(AB-KWT)
F06	21-6	1700	18051	Wed	Russian diplo/intel. 11166 10053 14789 16075 01729	USB	(AB-KWT)
F06	21-6	1710	16087	Wed	Russian diplo/intel. 11166 10053 14789 16075 01729	USB	(AB)
F06	22-6	0700	11474	Thu	Russian diplo/intel. 11166 70202 94785 21038 01739 and 11166 70202 24715 21039 01679	FSK 200/1000	(AB)
F06	22-6	0710	9234	Thu	Russian diplo/intel. 11166 70202 94785 21038 01739 and 11166 70202 24715 21039 01679	FSK 200/1000	(AB)
F06	22-6	0720	7461	Thu	Russian diplo/intel. 11166 70202 94785 21038 01739 and 11166 70202 24715 21039 01679	FSK 200/1000	(AB)
F06	22-6	1200	10762	Thu	Russian diplo/intel. 11166 70202 94785 21038 01739 and 11166 70202 24715 21039 01679	FSK 200/1000	(AB)
F06	22-6	1210	8191	Thu	Russian diplo/intel. 11166 70202 94785 21038 01739 and 11166 70202 24715 21039 01679	FSK 200/1000	(AB)
F06	22-6	1220	6782	Thu	Russian diplo/intel. 11166 70202 94785 21038 01739 and 11166 70202 24715 21039 01679	FSK 200/1000	(AB)
F06	22-6	1330	16351	Thu	Russian diplo/intel. 11166 80214 54821 22023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-6	1340	12109	Thu	Russian diplo/intel. 11166 80214 54821 22023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-6	1350	10169	Thu	Russian diplo/intel. 11166 80214 54821 22023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-6	0700	11474	Fri	Russian diplo/intel. 11166 70202 75841 23087 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-6	0710	9234	Fri	Russian diplo/intel. 11166 70202 75841 23087 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-6	0720	7461	Fri	Russian diplo/intel. 11166 70202 75841 23087 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	25-6	1530	20945	Sun	Russian diplo/intel. 11166 10053 63185 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	25-6	1540	17515	Sun	Russian diplo/intel. 11166 10053 63185 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	25-6	1550	15677	Sun	Russian diplo/intel. 11166 10053 63185 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	26-6	0700	11474	Mon	Russian diplo/intel. 11166 70202 36479 23040 02599	FSK 200/1000	(AB)
F06	26-6	0710	9234	Mon	Russian diplo/intel. 11166 70202 36479 23040 02599	FSK 200/1000	(AB)
F06	26-6	0720	7461	Mon	Russian diplo/intel. 11166 70202 36479 23040 02599	FSK 200/1000	(AB)
F06	26-6	0800	10198	Mon	Russian diplo/intel. 11100 00000 25473 23093 00899	FSK 200/1000	(PY)
F06	26-6	1200	10762	Mon	Russian diplo/intel. 11166 70202 36479 23040 02599	FSK 200/1000	(AB)
F06	26-6	1210	8191	Mon	Russian diplo/intel. 11166 70202 36479 23040 02599	FSK 200/1000	(AB)
F06	26-6	1220	6782	Mon	Russian diplo/intel. 11166 70202 36479 23040 02599	FSK 200/1000	(AB)

F06	27-6	0030	14929	Tue	Russian diplo/intel. 11166 60070 85692 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-6	0040	12133	Tue	Russian diplo/intel. 11166 60070 85692 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-6	0050	10359	Tue	Russian diplo/intel. 11166 60070 85692 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-6	0700	11474	Tue	Russian diplo/intel. 11166 70202 45812 26041 02119 and 11166 70202 79186 26042 02179	FSK 200/1000	(AB)
F06	27-6	0710	9234	Tue	Russian diplo/intel. 11166 70202 45812 26041 02119 and 11166 70202 79186 26042 02179	FSK 200/1000	(AB)
F06	27-6	0720	7461	Tue	Russian diplo/intel. 11166 70202 45812 26041 02119 and 11166 70202 79186 26042 02179	FSK 200/1000	(AB)
F06	27-6	0800	10198	Tue	Russian diplo/intel. 11100 00000 25473 23093 00899	FSK 200/1000	(PY)
F06	27-6	1200	10762	Tue	Russian diplo/intel. 11166 70202 45812 26041 02119 and 11166 70202 79186 26042 02179	FSK 200/1000	(AB)
F06	27-6	1210	8191	Tue	Russian diplo/intel. 11166 70202 45812 26041 02119 and 11166 70202 79186 26042 02179	FSK 200/1000	(AB)
F06	27-6	1220	6782	Tue	Russian diplo/intel. 11166 70202 45812 26041 02119 and 11166 70202 79186 26042 02179	FSK 200/1000	(AB)
F06	27-6	1230	20259	Tue	Russian diplo/intel. 11166 30154 12547 27072 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	27-6	1240	16331	Tue	Russian diplo/intel. 11166 30154 12547 27072 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	27-6	1250	14678	Tue	Russian diplo/intel. 11166 30154 12547 27072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-6	1650	20889	Tue	Russian diplo/intel. 11166 10053 14695 27001 00049 00000 00000 00000 00000	USB	(AB-RUS)
F06	27-6	1700	18051	Tue	Russian diplo/intel. 11166 10053 14695 27001 00049 00000 00000 00000 00000	USB	(AB-RUS)
F06	27-6	1710	16087	Tue	Russian diplo/intel. 11166 10053 14695 27001 00049 00000 00000 00000 00000	USB	(AB)
F06	28-6	0600	17512	Wed	Russian diplo/intel. 11166 40122 78541 24061 03479	FSK 200/1000	(AB-KOR)
F06	28-6	0610	15930	Wed	Russian diplo/intel. 11166 40122 78541 24061 03479	FSK 200/1000	(AB-J)
F06	28-6	0620	13503	Wed	Russian diplo/intel. 11166 40122 78541 24061 03479	FSK 200/1000	(AB-J)
F06	28-6	0700	11474	Wed	Russian diplo/intel. 11166 70202 64509 27043 02259	FSK 200/1000	(AB)
F06	28-6	0710	9234	Wed	Russian diplo/intel. 11166 70202 64509 27043 02259	FSK 200/1000	(AB)
F06	28-6	0720	7461	Wed	Russian diplo/intel. 11166 70202 64509 27043 02259	FSK 200/1000	(AB)
F06	28-6	0915	19837	Wed	Russian diplo/intel. 11166 40023 12345 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-6	0930	15629	Wed	Russian diplo/intel. 11166 40023 12345 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-6	0945	13955	Wed	Russian diplo/intel. 11166 40023 12345 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-6	1200	10762	Wed	Russian diplo/intel. 11166 70202 64509 27043 02259	FSK 200/1000	(AB)
F06	28-6	1210	8191	Wed	Russian diplo/intel. 11166 70202 64509 27043 02259	FSK 200/1000	(AB)
F06	28-6	1220	6782	Wed	Russian diplo/intel. 11166 70202 64509 27043 02259	FSK 200/1000	(AB)
F06	29-6	0600	17512	Thu	Russian diplo/intel. 11166 40122 78541 24061 03479	FSK 200/1000	(AB-KOR)
F06	29-6	0610	15930	Thu	Russian diplo/intel. 11166 40122 78541 24061 03479	FSK 200/1000	(AB-J)
F06	29-6	0620	13503	Thu	Russian diplo/intel. 11166 40122 78541 24061 03479	FSK 200/1000	(AB-J)
F06	29-6	0700	11474	Thu	Russian diplo/intel. 11166 70202 56128 28044 01819 and 11166 70202 51263 28045 02079	FSK 200/1000	(AB)
F06	29-6	0710	9234	Thu	Russian diplo/intel. 11166 70202 56128 28044 01819 and 11166 70202 51263 28045 02079	FSK 200/1000	(AB)

<b>F06</b>	29-6	0720	7461	Thu	Russian diplo/intel. 11166 70202 56128 28044 01819 and 11166 70202 51263 28045 02079	FSK 200/1000	(AB)
<b>F06</b>	29-6	1200	10762	Thu	Russian diplo/intel. 11166 70202 56128 28044 01819 and 11166 70202 51263 28045 02079	FSK 200/1000	(AB-RUS)
<b>F06</b>	29-6	1210	8191	Thu	Russian diplo/intel. 11166 70202 56128 28044 01819 and 11166 70202 51263 28045 02079	FSK 200/1000	(AB-RUS)
<b>F06</b>	29-6	1220	6782	Thu	Russian diplo/intel. 11166 70202 56128 28044 01819 and 11166 70202 51263 28045 02079	FSK 200/1000	(AB-RUS)
<b>F06</b>	29-6	1330	16351	Thu	Russian diplo/intel. 11166 80214 16573 28019 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	29-6	1340	12109	Thu	Russian diplo/intel. 11166 80214 16573 28019 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	29-6	1350	10169	Thu	Russian diplo/intel. 11166 80214 16573 28019 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	30-6	0700	11474	Fri	Russian diplo/intel. 11166 70202 75841 30081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	30-6	0710	9234	Fri	Russian diplo/intel. 11166 70202 75841 30081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06</b>	30-6	0720	7461	Fri	Russian diplo/intel. 11166 70202 75841 30081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
<b>F06a</b>	1-6	0400	5867	Thu	Russian diplo/intel. File 04481 (binary contents)	FSK 200/1000	(PY)
<b>F06a</b>	1-6	0415	6781	Thu	Russian diplo/intel. File 04481 (binary contents)	FSK 200/1000	(PY)
<b>F06a</b>	1-6	0430	8051	Thu	Russian diplo/intel. File 04481 (binary contents)	FSK 200/1000	(PY)
<b>F06a</b>	2-6	0400	5867	Fri	Russian diplo/intel. File 04481 (binary contents)	FSK 200/1000	(PY)
<b>F06a</b>	2-6	0415	6781	Fri	Russian diplo/intel. File 04481 (binary contents)	FSK 200/1000	(PY)
<b>F06a</b>	2-6	0430	8051	Fri	Russian diplo/intel. File 04481 (binary contents)	FSK 200/1000	(PY)
<b>F06a</b>	4-6	2100	20983	Sun	Russian diplo/intel. File 04474 (binary contents)	FSK 200/1000	(RL/qsr711/PY)
<b>F06a</b>	4-6	2115	17473	Sun	Russian diplo/intel. File 04474 (binary contents)	FSK 200/1000	(RL/qsr711/PY)
<b>F06a</b>	4-6	2130	15667	Sun	Russian diplo/intel. File 04474 (binary contents)	FSK 200/1000	(RL/qsr711/PY)
<b>F06a</b>	8-6	0400	5867	Thu	Russian diplo/intel. File 44482 (binary contents)	FSK 200/1000	(AB/PY)
<b>F06a</b>	8-6	0415	6781	Thu	Russian diplo/intel. File 44482 (binary contents)	FSK 200/1000	(AB/PY)
<b>F06a</b>	8-6	0430	8051	Thu	Russian diplo/intel. File 44482 (binary contents)	FSK 200/1000	(AB/PY)
<b>F06a</b>	9-6	0400	5867	Fri	Russian diplo/intel. File 44482 (binary contents)	FSK 200/1000	(AB/PY)
<b>F06a</b>	9-6	0415	6781	Fri	Russian diplo/intel. File 44482 (binary contents)	FSK 200/1000	(AB/PY)
<b>F06a</b>	9-6	0430	8051	Fri	Russian diplo/intel. File 44482 (binary contents)	FSK 200/1000	(AB/PY)
<b>F06a</b>	10-6	2100	20983	Sat	Russian diplo/intel. File 04475	FSK 200/1000	(AB)
<b>F06a</b>	10-6	2115	17473	Sat	Russian diplo/intel. File 04475	FSK 200/1000	(AB)
<b>F06a</b>	10-6	2130	15667	Sat	Russian diplo/intel. File 04475	FSK 200/1000	(AB)
<b>F06a</b>	11-6	2100	20983	Sun	Russian diplo/intel. File 04475	FSK 200/1000	(AB)
<b>F06a</b>	11-6	2115	17473	Sun	Russian diplo/intel. File 04475	FSK 200/1000	(AB)
<b>F06a</b>	11-6	2130	15667	Sun	Russian diplo/intel. File 04475	FSK 200/1000	(AB)
<b>F06a</b>	13-6	1540	9241	Tue	Russian diplo/intel. File 80159~1.TXT (1992 bytes), 5LG telegram	FSK 200/1000	(PY)
<b>F06a</b>	15-6	0400	5867	Thu	Russian diplo/intel. File 44483 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	15-6	0415	6781	Thu	Russian diplo/intel. File 44483 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	15-6	0430	8051	Thu	Russian diplo/intel. File 44483 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	16-6	0400	5867	Fri	Russian diplo/intel. File 44483 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	16-6	0415	6781	Fri	Russian diplo/intel. File 44483 (binary contents)	FSK 200/1000	(AB)
<b>F06a</b>	16-6	0430	8051	Fri	Russian diplo/intel. File 44483 (binary contents)	FSK 200/1000	(AB)



F06a	17-6	2100	20983	Sat	Russian diplo/intel. File 04476 (binary contents)	FSK 200/1000	(AB)
F06a	17-6	2115	17473	Sat	Russian diplo/intel. File 04476 (binary contents)	FSK 200/1000	(AB)
F06a	17-6	2130	15667	Sat	Russian diplo/intel. File 04476 (binary contents)	FSK 200/1000	(AB)
F06a	18-6	2100	20983	Sun	Russian diplo/intel. File 04476 (binary contents)	FSK 200/1000	(AB)
F06a	18-6	2115	17473	Sun	Russian diplo/intel. File 04476 (binary contents)	FSK 200/1000	(AB)
F06a	18-6	2130	15667	Sun	Russian diplo/intel. File 04476 (binary contents)	FSK 200/1000	(AB)
F06a	22-6	0415	5867	Thu	Russian diplo/intel. File 44484 (binary contents)	FSK 200/1000	(AB)
F06a	22-6	0415	6781	Thu	Russian diplo/intel. File 44484 (binary contents)	FSK 200/1000	(AB)
F06a	22-6	0430	8051	Thu	Russian diplo/intel. File 44484 (binary contents)	FSK 200/1000	(AB)
F06a	23-6	0400	5867	Fri	Russian diplo/intel. File 44484 (binary contents)	FSK 200/1000	(AB)
F06a	23-6	0415	6781	Fri	Russian diplo/intel. File 44484 (binary contents)	FSK 200/1000	(AB)
F06a	23-6	0430	8051	Fri	Russian diplo/intel. File 44484 (binary contents)	FSK 200/1000	(AB)
F06a	24-6	2100	20983	Sat	Russian diplo/intel. File 04477 (binary contents)	FSK 200/1000	(AB-ROU)
F06a	24-6	2115	17473	Sat	Russian diplo/intel. File 04477 (binary contents)	FSK 200/1000	(AB-ROU)
F06a	24-6	2130	15667	Sat	Russian diplo/intel. File 04477 (binary contents)	FSK 200/1000	(AB-ROU)
F06a	25-6	2100	20983	Sun	Russian diplo/intel. File 04477 (binary contents)	FSK 200/1000	(AB)
F06a	25-6	2115	17473	Sun	Russian diplo/intel. File 04477 (binary contents)	FSK 200/1000	(AB)
F06a	25-6	2130	15667	Sun	Russian diplo/intel. File 04477 (binary contents)	FSK 200/1000	(AB)
F06a	26-6	0810	12219	Mon	Russian diplo/intel. File 00173~1.TXT (2114 bytes)	FSK 200/1000	(PY)
F06a	26-6	0820	14652	Mon	Russian diplo/intel. File 00173~1.TXT (2114 bytes)	FSK 200/1000	(PY)
F06a	27-6	1030	12227	Tue	Russian diplo/intel. File 10053~1.TXT (2034 bytes). Header: 11100 10053 17563 25155 03299	FSK 200/1000	(PY)
F06a	27-6	1040	14423	Tue	Russian diplo/intel. File 10053~1.TXT (2034 bytes). Header: 11100 10053 17563 25155 03299	FSK 200/1000	(PY)
F06a	27-6	1050	16283	Tue	Russian diplo/intel. File 10053~1.TXT (2034 bytes). Header: 11100 10053 17563 25155 03299	FSK 200/1000	(PY)
F06a	29-6	0415	5867	Thu	Russian diplo/intel. File 44485 (binary contents)	FSK 200/1000	(AB)
F06a	29-6	0415	6781	Thu	Russian diplo/intel. File 44485 (binary contents)	FSK 200/1000	(AB)
F06a	29-6	0430	8051	Thu	Russian diplo/intel. File 44485 (binary contents)	FSK 200/1000	(AB)
F06a	30-6	0400	5867	Fri	Russian diplo/intel. File 44485 (binary contents)	FSK 200/1000	(AB)
F06a	30-6	0415	6781	Fri	Russian diplo/intel. File 44485 (binary contents)	FSK 200/1000	(AB)
F06a	30-6	0430	8051	Fri	Russian diplo/intel. File 44485 (binary contents)	FSK 200/1000	(AB)
F07	1-6	2000	16336	Thu	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	1-6	2010	15866	Thu	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	1-6	2020	14918	Thu	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	1-6	2030	14483	Thu	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	1-6	2040	13901	Thu	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	1-6	2050	13389	Thu	Russian intel. 4 blocks	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	6-6	2000	16336	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	6-6	2010	15866	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	6-6	2020	14918	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL/sse/PY)
F07	6-6	2030	14483	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL/sse/PY)

F07	6-6	2040	13901	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL/sse/PY)
F07	6-6	2050	13389	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL/sse/PY)
F07	8-6	2000	16336	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/sse/PY)
F07	8-6	2010	15866	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	8-6	2020	14918	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/sse/PY)
F07	8-6	2030	14483	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/sse/PY)
F07	8-6	2040	13901	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	8-6	2050	13389	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	13-6	2000	16336	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	13-6	2010	15866	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	13-6	2020	14918	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	13-6	2030	14483	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	13-6	2040	13901	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	13-6	2050	13389	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	15-6	2000	16336	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-6	2010	15866	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-6	2020	14918	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-6	2030	14483	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-6	2040	13901	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-6	2050	13389	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	20-6	2000	16336	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	20-6	2010	15866	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	20-6	2020	14918	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	20-6	2030	14483	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	20-6	2040	13901	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	20-6	2050	13389	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	22-6	2000	16336	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-6	2010	15866	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-6	2020	14918	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-6	2030	14483	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-6	2040	13901	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-6	2050	13389	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	27-6	2000	16336	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	27-6	2010	15866	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	27-6	2020	14918	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	27-6	2030	14483	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	27-6	2040	13901	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	27-6	2050	13389	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-6	2000	16336	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-6	2010	15866	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-6	2020	14918	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	29-6	2030	14483	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)

<b>F07</b>	29-6	2040	13901	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
<b>F07</b>	29-6	2050	13389	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
<b>HM01</b>	4-6	1700	11530	Sun	repeat of 2023-05-21	AM/WinDRM	(qsr711)
<b>HM01</b>	11-6	0857	9240	Sun	53755 55203 58841 80441 52723 05218 Files 58315375.TXT 27635520.TXT 81825884.TXT 07325272.TXT 76730521.TXT Callsign QWERTY01 (repeat of 15 May)	AM/WinDRM	(AB-USA)
<b>HM01</b>	11-6	1755	11530	Sun	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA)
<b>HM01</b>	12-6	1600	11435	Mon	Carrier only	AM	(AB)
<b>HM01</b>	12-6	1630	11435	Mon	Carrier only	AM	(AB)
<b>HM01</b>	15-6	1630	11435	Thu	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA/RR2)
<b>HM01</b>	15-6	1700	11530	Thu	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA)
<b>HM01</b>	16-6	1600	11435	Fri	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA)
<b>HM01</b>	18-6	1657	11530	Sun	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA)
<b>HM01</b>	19-6	1600	11435	Mon	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA)
<b>HM01</b>	20-6	1603	11435	Tue	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA)
<b>HM01</b>	21-6	1628	11435	Wed	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA)
<b>HM01</b>	23-6	1736	11530	Fri	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA)
<b>HM01</b>	24-6	0608	11462	Sat	53755 55203 58841 80441 52723 05218 (repeat of 15 May) Should be on 14375 kHz	AM/WinDRM	(AB-USA)
<b>M01</b>	1-6	2000	4903	Thu	active	CW	(PY)
<b>M01</b>	3-6	1500	6435	Sat	025 ...	CW	(PY)
<b>M01</b>	4-6	0700	6780	Sun	active	CW	(PY)
<b>M01</b>	6-6	1745	5280	Tue	VVV	CW	(AB)
<b>M01</b>	6-6	1800	5280	Tue	025	CW	(PY)
<b>M01</b>	6-6	2000	4903	Tue	active	CW	(PY)
<b>M01</b>	8-6	1800	5280	Thu	025	CW	(PY)
<b>M01</b>	8-6	2000	4903	Thu	025	CW	(PY)
<b>M01</b>	10-6	1500	6435	Sat	025 849 30 91023 ...	CW	(PY/HFD)
<b>M01</b>	13-6	1800	5280	Tue	025 853 853 30 30 = = 48290 58149 35826 ... 07815 13975 24081 = = 53 853 30 30 000	CW	(AB-FIN)
<b>M01</b>	13-6	2000	4903	Tue	025 482 482 30 30 = = 75384 94567 23965 ... 25849 71239 15217 = = 482 482 30 30 000	CW	(AB)
<b>M01</b>	20-6	1800	5280	Tue	025 515 515 30 30 = = 57687 10988 47465 ... 47565 38767 29837 = = 515 515 30 30 000	CW	(AB-FIN)
<b>M01</b>	22-6	1800	5280	Thu	025 903 903 30 30 = = 90121 89232 78343 ... 01929 01922 90163 = = 903 903 30 30 000	CW	(AB-FIN)
<b>M01</b>	27-6	1800	5280	Tue	025 ...	CW	(AB-FIN)
<b>M01</b>	27-6	2000	4903	Tue	025 340 30 = = 82910 83742 91754 ... 03887 27411 84701 = = 340 30 000 (340 30 sent once)	CW	(AB-FIN)
<b>M01</b>	29-6	2000	4903	Thu	025 315 315 30 30 = = 37819 49280 56724 ... 90823 56184 49309 = = 315 315 30 30 000	CW	(AB)
<b>M01a</b>	13-6	0827	8088	Tue	678 678 and 678 678 51019 51019	CW	(F5JBR)
<b>M12</b>	1-6	0320	13875	Thu	984 1 7263 144	CW	(PY/HFD)
<b>M12</b>	1-6	0340	13475	Thu	984 1 7263 144	CW	(PY/HFD)
<b>M12</b>	1-6	1110	13386	Thu	725 1	CW	(lazo)
<b>M12</b>	1-6	1150	11491	Thu	msg 93 groups	CW	(AVX)
<b>M12</b>	1-6	1600	17427	Thu	436 436 436 000	CW	(PY/HFD)
<b>M12</b>	1-6	1620	16327	Thu	436 436 436 000	CW	(PY/HFD)
<b>M12</b>	1-6	1920	10598	Thu	938 938 938 1 ...	CW	(HFD)

M12	1-6	1940	9327	Thu	938 938 938 1 ...	CW	(HFD)
M12	1-6	2000	13892	Thu	119 119 119000	CW	(PY/HFD)
M12	1-6	2020	13392	Thu	119 119 119 000	CW	(PY/HFD)
M12	2-6	0210	15918	Fri	989 989 989 1 ...	CW	(HFD-J)
M12	2-6	0230	14818	Fri	989 989 989 1 ...	CW	(HFD)
M12	2-6	0250	13918	Fri	989 989 989 1 ...	CW	(HFD)
M12	2-6	0800	13531	Fri	595 595 595 000	CW	(PY/HFD)
M12	2-6	0820	13931	Fri	595 595 595 000	CW	(PY/HFD)
M12	2-6	1900	15823	Fri	889 889 889 000	CW	(AB/PY/HFD)
M12	2-6	1920	14823	Fri	889 889 889 000	CW	(AB/PY/HFD)
M12	2-6	2100	11144	Fri	153 1 202 groups	CW	(AVX/HFD)
M12	2-6	2120	10544	Fri	153 1 202 groups	CW	(HFD)
M12	2-6	2140	9344	Fri	153 1 202 groups	CW	(HFD)
M12	3-6	0320	13875	Sat	984 984 984 1 7263 144 7263 144 21508 38760 00279 ... 05759 35184 62643 000 000	CW	(PY)
M12	3-6	0340	13475	Sat	984 984 984 1 7263 144 7263 144 21508 38760 00279 ... 05759 35184 62643 000 000	CW	(PY)
M12	3-6	0600	10216	Sat	252 252 252 000	CW	(PY/HFD)
M12	3-6	0620	11516	Sat	252 252 252 000	CW	(PY/HFD)
M12	3-6	1800	11435	Sat	938 1 6633 79 61228...	CW	(PY)
M12	3-6	2100	11144	Sat	153 153 153 1 2523 202 2523 202 01930 89698 88007 ... 16206 61832 74662 000 000	CW	(RL/PY)
M12	3-6	2120	10544	Sat	153 153 153 1 2523 202 2523 202 01930 89698 88007 ... 16206 61832 74662 000 000	CW	(RL/PY)
M12	3-6	2140	9344	Sat	153 153 153 1 2523 202 2523 202 01930 89698 88007 ... 16206 61832 74662 000 000	CW	(RL/PY)
M12	4-6	1600	14926	Sun	944 944 944 000	CW	(PY/HFD)
M12	4-6	1620	14426	Sun	944 944 944 000	CW	(PY/HFD)
M12	5-6	0210	15918	Mon	989 1 700 168	CW	(pigmon)
M12	5-6	0233	14818	Mon	Started mid-message around 0233z	CW	(pigmon)
M12	5-6	0250	13918	Mon	989 1 700 168	CW	(pigmon)
M12	5-6	1600	17427	Mon	436 436 436 000	CW	(PY)
M12	5-6	1620	16327	Mon	436 436 436 000	CW	(PY)
M12	5-6	2000	13892	Mon	119 119 119 000	CW	(AB/RL/PY)
M12	5-6	2020	13392	Mon	119 119 119 000	CW	(AB/RL/PY)
M12	6-6	0030	7857	Tue	814 000	CW	(PY)
M12	6-6	0050	9157	Tue	814 000	CW	(PY)
M12	6-6	0300	14975	Tue	984 1 187 184	CW	(pigmon/LuCa/HFD)
M12	6-6	0320	13875	Tue	984 1 187 184	CW	(pigmon/LuCa)
M12	6-6	0340	13475	Tue	984 1 187 184	CW	(pigmon/LuCa)
M12	6-6	0800	13531	Tue	595 595 595 000	CW	(PY)
M12	6-6	0820	13931	Tue	595 595 595 000	CW	(PY)
M12	7-6	0600	10216	Wed	252 1 5570 79 87589...	CW	(PY)
M12	7-6	0620	11516	Wed	252 1 5570 79 87589...	CW	(PY)
M12	7-6	0640	12216	Wed	252 252 252 1 5570 79 5570 79 87589 92630 38439 ... 88651 52722	CW	(PY)
M12	7-6	1600	14926	Wed	944 1 6231 73 95126 87208 21985 ... 83508 28600 51303 000 000	CW	(MPJ/PY)
M12	7-6	1620	14426	Wed	944 1 6231 73 95126 87208 21985 ... 83508 28600 51303 000 000	CW	(MPJ/PY)

M12	7-6	1640	13426	Wed	944 1 6231 73 95126 87208 21985 ... 83508 28600 51303 000 000	CW	(MPJ/PY)
M12	7-6	1900	15823	Wed	889 889 889 000	CW	(AB/RL/PY)
M12	7-6	1920	14823	Wed	889 889 889 000	CW	(AB/RL/PY)
M12	8-6	0300	14975	Thu	984 1 187 184	CW	(pigmon)
M12	8-6	0320	13875	Thu	msg	CW	(pigmon)
M12	8-6	1110	13386	Thu	725 725 725 1 1105 97 1105 97 67242 77732 76720 ... 03376 79842 54877 000 000	CW	(AB/MPJ/PY)
M12	8-6	1130	12189	Thu	725 725 725 1 1105 97 1105 97 67242 77732 76720 ... 03376 79842 54877 000 000	CW	(AB/MPJ/PY)
M12	8-6	1150	11491	Thu	725 725 725 1 1105 97 1105 97 67242 77732 76720 ... 03376 79842 54877 000 000	CW	(AB/MPJ/PY)
M12	8-6	1600	17427	Thu	436 436 436 000	CW	(AB/PY)
M12	8-6	1620	16327	Thu	436 436 436 000	CW	(AB/PY)
M12	8-6	2000	13892	Thu	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(RL/PY)
M12	8-6	2020	13392	Thu	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(RL/PY)
M12	8-6	2040	11592	Thu	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(RL)
M12	9-6	0030	7857	Fri	814 814 814 1 6597 51 6597 51 22362 29138 72889 ... 62110 51866 41836 000 000	CW	(AB)
M12	9-6	0050	9157	Fri	814 814 814 1 6597 51 6597 51 22362 29138 72889 ... 62110 51866 41836 000 000	CW	(AB)
M12	9-6	0110	10457	Fri	814 814 814 1 6597 51 6597 51 22362 29138 72889 ... 62110 51866 41836 000 000	CW	(AB)
M12	9-6	0230	14818	Fri	989 1 700 168	CW	(pigmon)
M12	9-6	1900	15823	Fri	889 889 889 1 238 50 238 50 39635 56736 42284 ... 92996 87741 61268 000 000	CW	(AB/RL/PY/HFD)
M12	9-6	1920	14823	Fri	889 889 889 1 238 50 238 50 39635 56736 42284 ... 92996 87741 61268 000 000	CW	(AB/RL/PY/HFD)
M12	9-6	1940	13923	Fri	889 889 889 1 238 50 238 50 39635 56736 42284 ... 92996 87741 61268 000 000	CW	(AB/RL/PY/HFD)
M12	9-6	2100	11144	Fri	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB/RL)
M12	9-6	2120	10544	Fri	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB/RL)
M12	9-6	2140	9344	Fri	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB/RL)
M12	10-6	0600	10216	Sat	252 252 252 1 5570 79 5570 79 87589 92630 38439 ... 88651 52722 36363 000 000	CW	(AB/Subilo/HFD)
M12	10-6	0620	11516	Sat	252 252 252 1 5570 79 5570 79 87589 92630 38439 ... 88651 52722 36363 000 000	CW	(AB/HFD)
M12	10-6	0640	12216	Sat	252 252 252 1 5570 79 5570 79 87589 92630 38439 ... 88651 52722 36363 000 000	CW	(AB/HFD)
M12	10-6	1800	11435	Sat	938 1 3827 78 69073 88078 34302 ... 43604 26847 63852 000 000	CW	(MPJ/PY)
M12	10-6	1820	10598	Sat	938 1 3827 78 69073 88078 34302 ... 43604 26847 63852 000 000	CW	(MPJ/PY)
M12	10-6	1840	9327	Sat	938 1 3827 78 69073 88078 34302 ... 43604 26847 63852 000 000	CW	(MPJ)
M12	10-6	2100	11144	Sat	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB/PY)
M12	10-6	2120	10544	Sat	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB/PY)
M12	10-6	2140	9344	Sat	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB/PY)
M12	11-6	1600	14926	Sun	944 944 944 1 6231 73 6231 73 95126 87208 21985 ... 83508 28600 51303 000 000	CW	(AB/MPJ)
M12	11-6	1620	14426	Sun	944 944 944 1 6231 73 6231 73 95126 87208 21985 ... 83508 28600 51303 000 000	CW	(AB/MPJ)
M12	11-6	1640	13426	Sun	944 944 944 1 6231 73 6231 73 95126 87208 21985 ... 83508 28600 51303 000 000	CW	(AB/MPJ)
M12	12-6	1600	17427	Mon	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	12-6	1620	16327	Mon	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	12-6	1640	14627	Mon	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	12-6	2000	13892	Mon	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(AB/RL)
M12	12-6	2020	13392	Mon	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(AB/RL)
M12	12-6	2040	11592	Mon	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(AB/RL)
M12	13-6	0030	7857	Tue	814 814 814 1 6597 51 6597 51 22362 29138 72889 ... 62110 51866 41836 000 000	CW	(AB)

M12	13-6	0050	9157	Tue	814 814 814 1 6597 51 6597 51 22362 29138 72889 ... 62110 51866 41836 000 000	CW	(AB)
M12	13-6	0110	10457	Tue	814 814 814 1 6597 51 6597 51 22362 29138 72889 ... 62110 51866 41836 000 000	CW	(AB)
M12	14-6	0600	10216	Wed	252 252 252 000	CW	(AB)
M12	14-6	0620	11516	Wed	252 252 252 000	CW	(AB)
M12	14-6	1600	14926	Wed	944 944 944 000	CW	(AB/MPJ)
M12	14-6	1620	14426	Wed	944 944 944 000	CW	(AB/MPJ)
M12	14-6	1900	15823	Wed	889 889 889 1 238 50 238 50 39635 56736 42284 ... 92996 87741 61268 000 000	CW	(AB)
M12	14-6	1920	14823	Wed	889 889 889 1 238 50 238 50 39635 56736 42284 ... 92996 87741 61268 000 000	CW	(AB)
M12	14-6	1940	13923	Wed	889 889 889 1 238 50 238 50 39635 56736 42284 ... 92996 87741 61268 000 000	CW	(AB)
M12	15-6	1110	13386	Thu	725 725 725 1 1279 92 1279 92 56560 38066 37937 ... 15781 17925 93294 000 000	CW	(AB)
M12	15-6	1130	12189	Thu	725 725 725 1 1279 92 1279 92 56560 38066 37937 ... 15781 17925 93294 000 000	CW	(AB)
M12	15-6	1150	11491	Thu	725 725 725 1 1279 92 1279 92 56560 38066 37937 ... 15781 17925 93294 000 000	CW	(AB)
M12	15-6	1600	17427	Thu	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	15-6	1620	16327	Thu	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	15-6	1640	14627	Thu	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	15-6	2000	13892	Thu	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(RL)
M12	15-6	2020	13392	Thu	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(RL)
M12	15-6	2040	11592	Thu	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(RL)
M12	16-6	0030	7857	Fri	814 814 814 000	CW	(AB)
M12	16-6	0050	9157	Fri	814 814 814 000	CW	(AB)
M12	16-6	1900	15823	Fri	889 889 889 000	CW	(AB)
M12	16-6	1920	14823	Fri	889 889 889 000	CW	(AB)
M12	16-6	2100	11144	Fri	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB)
M12	16-6	2120	10544	Fri	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB)
M12	16-6	2140	9344	Fri	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB)
M12	17-6	0600	10216	Sat	252 252 252 000	CW	(AB)
M12	17-6	0620	11516	Sat	252 252 252 000	CW	(AB)
M12	17-6	1800	11435	Sat	938 938 938 1 3361 76 3361 76 23828 98365 06320 ... 78892 18504 87238 000 000	CW	(AB/HFD)
M12	17-6	1820	10598	Sat	938 938 938 1 3361 76 3361 76 23828 98365 06320 ... 78892 18504 87238 000 000	CW	(AB)
M12	17-6	1840	9327	Sat	938 938 938 1 3361 76 3361 76 23828 98365 06320 ... 78892 18504 87238 000 000	CW	(AB)
M12	17-6	2100	11144	Sat	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB)
M12	17-6	2120	10544	Sat	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB)
M12	17-6	2140	9344	Sat	153 153 153 1 8239 112 8239 112 39253 03155 09450 ... 38214 01010 68638 000 000	CW	(AB)
M12	18-6	1600	14926	Sun	944 944 944 000	CW	(AB)
M12	18-6	1620	14426	Sun	944 944 944 000	CW	(AB)
M12	19-6	1600	17427	Mon	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	19-6	1620	16327	Mon	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	19-6	1640	14627	Mon	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	19-6	2000	13892	Mon	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(AB)
M12	19-6	2020	13392	Mon	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(AB)
M12	19-6	2040	11592	Mon	119 119 119 1 442 77 442 77 69703 51519 98742 ... 92575 76670 42981 000 000	CW	(AB)
M12	20-6	0030	7857	Tue	814 814 814 000	CW	(AB/HFD)

M12	20-6	0050	9157	Tue	814 814 814 000	CW	(AB/HFD)
M12	21-6	0600	10216	Wed	252 252 252 1 107 45 107 45 68569 73346 40647 ... 25010 6513 79783 000 000	CW	(AB)
M12	21-6	0620	11516	Wed	252 252 252 1 107 45 107 45 68569 73346 40647 ... 25010 6513 79783 000 000	CW	(AB)
M12	21-6	0640	11216	Wed	252 252 252 1 107 45 107 45 68569 73346 40647 ... 25010 6513 79783 000 000	CW	(AB)
M12	21-6	1600	14926	Wed	944 944 944 1 269 44 269 44 31320 34063 38993 ... 03382 58455 94362 00030 000 000	CW	(AB/MPJ)
M12	21-6	1620	14426	Wed	944 944 944 1 269 44 269 44 31320 34063 38993 ... 03382 58455 94362 00030 000 000	CW	(AB/MPJ)
M12	21-6	1640	13426	Wed	944 944 944 1 269 44 269 44 31320 34063 38993 ... 03382 58455 94362 00030 000 000	CW	(AB/MPJ)
M12	21-6	1900	15823	Wed	889 889 889 000	CW	(AB)
M12	21-6	1920	14823	Wed	889 889 889 000	CW	(AB/RL)
M12	22-6	1110	13386	Thu	725 725 725 1 3832 99 3832 99 47225 70186 32771 ... 23421 93235 59697 37439 000 000	CW	(AB)
M12	22-6	1130	12189	Thu	725 725 725 1 3832 99 3832 99 47225 70186 32771 ... 23421 93235 59697 37439 000 000	CW	(AB)
M12	22-6	1150	11491	Thu	725 725 725 1 3832 99 3832 99 47225 70186 32771 ... 23421 93235 59697 37439 000 000	CW	(AB)
M12	22-6	1600	17427	Thu	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	22-6	1620	16327	Thu	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	22-6	1640	14627	Thu	436 436 436 1 2441 80 2441 80 42611 77849 38348 ... 68022 84677 69879 000 000	CW	(AB)
M12	22-6	2000	13892	Thu	119 119 119 000	CW	(AB)
M12	22-6	2020	13392	Thu	119 119 119 000	CW	(AB)
M12	23-6	0030	7857	Fri	814 814 814 1 621 66 621 66 88039 27480 19414 ... 00278 46273 74744 000 000	CW	(AB)
M12	23-6	0050	9157	Fri	814 814 814 1 621 66 621 66 88039 27480 19414 ... 00278 46273 74744 000 000	CW	(AB)
M12	23-6	0110	10457	Fri	814 814 814 1 621 66 621 66 88039 27480 19414 ... 00278 46273 74744 000 000	CW	(AB)
M12	23-6	1900	15823	Fri	889 889 889 1 1156 29 1156 29 45173 50556 89858 ... 55281 13096 38112 000 000	CW	(AB/RL)
M12	23-6	1920	14823	Fri	889 889 889 1 1156 29 1156 29 45173 50556 89858 ... 55281 13096 38112 000 000	CW	(AB/RL)
M12	23-6	1940	13923	Fri	889 889 889 1 1156 29 1156 29 45173 50556 89858 ... 55281 13096 38112 000 000	CW	(AB/RL)
M12	23-6	2100	11144	Fri	153 153 153 1 3002 88 3002 88 03044 83876 15732 ... 59045 55658 63128 000 000	CW	(AB/RL)
M12	23-6	2120	10544	Fri	153 153 153 1 3002 88 3002 88 03044 83876 15732 ... 59045 55658 63128 000 000	CW	(AB/RL)
M12	23-6	2140	9344	Fri	153 153 153 1 3002 88 3002 88 03044 83876 15732 ... 59045 55658 63128 000 000	CW	(AB/RL)
M12	24-6	0600	10216	Sat	252 252 252 1 107 45 107 45 68569 73346 40647 ... 25010 6513 79783 000 000	CW	(AB)
M12	24-6	0620	11516	Sat	252 252 252 1 107 45 107 45 68569 73346 40647 ... 25010 6513 79783 000 000	CW	(AB)
M12	24-6	0640	11216	Sat	252 252 252 1 107 45 107 45 68569 73346 40647 ... 25010 6513 79783 000 000	CW	(AB)
M12	24-6	1800	11435	Sat	938 938 938 1 7396 73 7396 73 39111 47926 98770 ... 37356 71572 03574 000 000	CW	(AB/MPJ)
M12	24-6	1820	10598	Sat	938 938 938 1 7396 73 7396 73 39111 47926 98770 ... 37356 71572 03574 000 000	CW	(AB/MPJ)
M12	24-6	1840	9327	Sat	938 938 938 1 7396 73 7396 73 39111 47926 98770 ... 37356 71572 03574 000 000	CW	(AB/MPJ)
M12	24-6	2100	11144	Sat	153 153 153 1 3002 88 3002 88 03044 83876 15732 ... 59045 55658 63128 000 000	CW	(AB)
M12	24-6	2120	10544	Sat	153 153 153 1 3002 88 3002 88 03044 83876 15732 ... 59045 55658 63128 000 000	CW	(AB)
M12	24-6	2140	9344	Sat	153 153 153 1 3002 88 3002 88 03044 83876 15732 ... 59045 55658 63128 000 000	CW	(AB)
M12	25-6	1600	14926	Sun	944 944 944 1 269 44 269 44 31320 34063 38993 ... 03382 58455 94362 00030 000 000	CW	(AB)
M12	25-6	1620	14426	Sun	944 944 944 1 269 44 269 44 31320 34063 38993 ... 03382 58455 94362 00030 000 000	CW	(AB)
M12	25-6	1640	13426	Sun	944 944 944 1 269 44 269 44 31320 34063 38993 ... 03382 58455 94362 00030 000 000	CW	(AB)
M12	26-6	1600	17427	Mon	436 436 436 000	CW	(AB)

M12	26-6	1620	16327	Mon	436 436 436 000	CW	(AB)
M12	26-6	2000	13892	Mon	119 119 119 000	CW	(AB)
M12	26-6	2020	13392	Mon	119 119 119 000	CW	(AB)
M12	27-6	0030	7857	Tue	814 814 814 1 621 66 621 66 88039 27480 19414 ... 00278 46273 74744 000 000	CW	(AB)
M12	27-6	0050	9157	Tue	814 814 814 1 621 66 621 66 88039 27480 19414 ... 00278 46273 74744 000 000	CW	(AB)
M12	27-6	0110	10457	Tue	814 814 814 1 621 66 621 66 88039 27480 19414 ... 00278 46273 74744 000 000	CW	(AB)
M12	28-6	0600	10216	Wed	252 252 252 000	CW	(AB)
M12	28-6	0620	11516	Wed	252 252 252 000	CW	(AB)
M12	28-6	1600	14926	Wed	944 944 944 000	CW	(AB)
M12	28-6	1620	14426	Wed	944 944 944 000	CW	(AB)
M12	28-6	1900	15823	Wed	889 889 889 1 1156 29 1156 29 45173 50556 89858 ... 55281 13096 38112 000 000	CW	(AB/RL)
M12	28-6	1920	14823	Wed	889 889 889 1 1156 29 1156 29 45173 50556 89858 ... 55281 13096 38112 000 000	CW	(AB/RL)
M12	28-6	1940	13923	Wed	889 889 889 1 1156 29 1156 29 45173 50556 89858 ... 55281 13096 38112 000 000	CW	(AB/RL)
M12	29-6	1110	13386	Thu	725 725 725 1 8925 96 8925 96 16280 92271 57688 ... 69773 13437 26809 000 000	CW	(AB)
M12	29-6	1130	12189	Thu	725 725 725 1 8925 96 8925 96 16280 92271 57688 ... 69773 13437 26809 000 000	CW	(AB)
M12	29-6	1150	11491	Thu	725 725 725 1 8925 96 8925 96 16280 92271 57688 ... 69773 13437 26809 000 000	CW	(AB)
M12	29-6	1600	17427	Thu	436 436 436 000	CW	(AB)
M12	29-6	1620	16327	Thu	436 436 436 000	CW	(AB)
M12	29-6	2000	13892	Thu	119 119 119 000	CW	(AB/RL)
M12	29-6	2020	13392	Thu	119 119 119 000	CW	(AB/RL)
M12	30-6	0030	7857	Fri	814 814 814 000	CW	(AB)
M12	30-6	0050	9157	Fri	814 814 814 000	CW	(AB)
M12	30-6	1900	15823	Fri	889 889 889 000	CW	(AB/RL)
M12	30-6	1920	14823	Fri	889 889 889 000	CW	(AB/RL)
M12	30-6	2100	11144	Fri	153 153 153 1 3002 88 3002 88 03044 83876 15732 ... 59045 55658 63128 000 000	CW	(AB/RL)
M12	30-6	2120	10544	Fri	153 153 153 1 3002 88 3002 88 03044 83876 15732 ... 59045 55658 63128 000 000	CW	(AB/RL)
M12	30-6	2140	9344	Fri	153 153 153 1 3002 88 3002 88 03044 83876 15732 ... 59045 55658 63128 000 000	CW	(AB/RL)
M14	1-6	0500	12211	Thu	952 604 51 = 79419...	CW	(PY)
M14	1-6	0500	12211	Thu	952 604 604 51 51 = = 79429 18700 18599 ... 59971 18410 44491 = = 604 604 51 51 00000	CW	(Subilo/AB)
M14	1-6	0520	10243	Thu	952 604 51 = 79419...	CW	(PY)
M14	1-6	0520	10243	Thu	Carrier only	CW	(Subilo/AB)
M14	1-6	0811	10755	Thu	Slow beeps	ICW	(PY)
M14	1-6	0820	10755	Thu	Three series of fast beeps	ICW	(PY)
M14	1-6	0830	10755	Thu	975 (R2m20s) 97 [8s silence] 5 975 (R2m) 624 60 = 35889 ... 91010 [30s silence] 975 (R1m30s) 44167 ... 97481 [3s silence] 975 (R2m10s) 52636 ... 29827 = 624 60 00000	ICW	(PY)
M14	2-6	0500	12211	Fri	952 871 871 54 54 = = 80673 76829 72078 ... 16184 62311 20278 = = 871 871 54 54 00000	CW	(Subilo/AB/PY)
M14	2-6	0520	10243	Fri	952 871 871 54 54 = = 80673 76829 72078 ... 16184 62311 20278 = = 871 871 54 54 00000	CW	(Subilo/AB/PY)
M14	2-6	0735	11073	Fri	Two series of fast beeps	ICW	(PY)



<b>M14</b>	2-6	0750	11073	Fri	352 (R4m) 879 60 = 73509 ... 70391 [1m07s silence] 352 (R1m25s) 06946 ... 87391 = 879 60 00- [23s silence] 352 (R1m10s) 34829 ... 87391 = 879 60 00000	ICW	(PY)
<b>M14</b>	5-6	0506	12211	Mon	952 630 52 = 45021... went up mid-message	CW	(PY)
<b>M14</b>	5-6	0506	12211	Mon	Late start. Started i.p. with group 14: 15278 96499 93005 ... 71057 72445 82878 == 630 630 52 52 00000	CW	(Subilo/AB)
<b>M14</b>	5-6	0520	10243	Mon	952 630 630 52 52 = = 45021 80133 18955 ... 71057 72445 82878 = = 630 630 52 52 00000	CW	(Subilo/AB/PY)
<b>M14</b>	6-6	0500	12211	Tue	952 874 870 52 52 = = 92441 29024 78610 ... 40713 58509 85055 = = 874 874 52 52 00000	CW	(AB-J/PY)
<b>M14</b>	6-6	0520	10243	Tue	952 874 870 52 52 = = 92441 29024 78610 ... 40713 58509 85055 = = 874 874 52 52 00000	CW	(AB-J/PY)
<b>M14</b>	7-6	0500	12211	Wed	952 310 52 = 93231... slow pace, until restart at 0508z at normal pace, restart mishaps	CW	(PY)
<b>M14</b>	7-6	0500	12211	Wed	Slow morse. At 0507z restart at normal speed followed by another restart. Continued with gr 7. 952 310 310 52 52 = = 93231 23295 71208 ... 45404 00236 89459 = = 310 310 52 52 00000	CW	(Subilo/AB)
<b>M14</b>	7-6	0520	10243	Wed	952 310 52 = 93231... restart during callup	CW	(PY)
<b>M14</b>	7-6	0520	10243	Wed	952 310 310 52 52 = = 93231 23295 71208 ... 45404 00236 89459 = = 310 310 52 52 00000	CW	(Subilo/AB)
<b>M14</b>	8-6	0500	12211	Thu	952 467 467 52 52 = = 59014 32157 65508 ... 54308 07312 04441 = = 467 467 52 52 00000	CW	(AB-J/PY)
<b>M14</b>	8-6	0520	10243	Thu	952 467 467 52 52 = = 59014 32157 65508 ... 54308 07312 04441 = = 467 467 52 52 00000	CW	(AB-J/PY)
<b>M14</b>	9-6	0500	12211	Fri	952 810 810 63 63 = = 22076 21752 33499 ... 60765 04504 19657 = = 810 810 63 63 00000	CW	(AB-J/PY)
<b>M14</b>	9-6	0520	10243	Fri	952 810 810 63 63 = = 22076 21752 33499 ... 60765 04504 19657 = = 810 810 63 63 00000	CW	(AB-J/PY)
<b>M14</b>	9-6	0756	10755	Fri	Two series of fast beeps	ICW	(PY)
<b>M14</b>	9-6	0810	10755	Fri	975 (R3m20s) 97 [3s silence] 5 975 (R1m15s) 841 60 = 16379 ... 37788- [1m03s silence] 975 (R1m) 39442 ... 64574 = 841 60 000 [20s silence] 975 (R1m) 61887 ... 64574 = 841 60 00000	ICW	(PY)
<b>M14</b>	13-6	0500	12211	Tue	952 36 436 52 52 = = 22076 21752 33499 ... 32380 96062 92455 = = 436 436 52 52 00000	CW	(AB-J)
<b>M14</b>	13-6	0520	10243	Tue	952 36 436 52 52 = = 22076 21752 33499 ... 32380 96062 92455 = = 436 436 52 52 00000	CW	(AB-J)
<b>M14</b>	14-6	0500	12211	Wed	952 178 178 60 60 = = 99388 96085 09257 ... 88693 48817 12348 = = 178 178 60 60 00000	CW	(AB-J)
<b>M14</b>	14-6	0520	10243	Wed	952 178 178 60 60 = = 99388 96085 09257 ... 88693 48817 12348 = = 178 178 60 60 00000	CW	(AB-J)
<b>M14</b>	14-6	1335	11073	Wed	Slow test reversals	FSK 200Hz shift	(PY)
<b>M14</b>	14-6	1345	11073	Wed	Two series of fast beeps	ICW	(PY)
<b>M14</b>	14-6	1400	11073	Wed	352 (R3m08s) 352 [4s silence] 2 352 [10 ssilence] 352 (R1m30s) 971 60 = 65986 ... 41002 1 45 1234 [7s silence] 352 (R1m) 18191 ... 56793 = 971 60 00000	ICW	(PY)

<b>M14</b>	15-6	0500	12211	Thu	952 340 340 61 61 = = 87032 37385 41630 ... 51458 28021 63865 = = 340 340 61 61 00000	CW	(AB-J)
<b>M14</b>	15-6	0520	10243	Thu	952 340 340 61 61 = = 87032 37385 41630 ... 51458 28021 63865 = = 340 340 61 61 00000	CW	(AB-J)
<b>M14</b>	16-6	0500	12211	Fri	952 671 671 52 52 = = 52002 92738 03879 ... 22641 57275 46094 = = 671 671 52 52 00000	CW	(AB-J)
<b>M14</b>	16-6	0520	10243	Fri	952 671 671 52 52 = = 52002 92738 03879 ... 22641 57275 46094 = = 671 671 52 52 00000	CW	(AB-J)
<b>M14</b>	19-6	0500	12211	Mon	952 840 840 65 65 = = 15298 19932 41161 ... 278 01383 54648 = = 840 840 65 65 00000	FSK CW	(AB-J)
<b>M14</b>	19-6	0520	10243	Mon	Unreadable. Inverted morse	CW	(AB-J)
<b>M14</b>	20-6	0500	12211	Tue	Unreadable. Inverted morse. Off at 0509z	CW	(AB-J)
<b>M14</b>	20-6	0520	10243	Tue	952 637 637 54 54 = = 41258 54351 17694 ... 46417 50127 84441 = = 637 637 54 54 00000	CW	(AB-J)
<b>M14</b>	21-6	0500	12211	Wed	952 814 814 59 59 = = 66344 88471 15306 ... 59622 35296 26816 = = 814 814 59 59 00000	CW	(AB-J)
<b>M14</b>	21-6	0520	10243	Wed	952 814 814 59 59 = = 66344 88471 15306 ... 59622 35296 26816 = = 814 814 59 59 00000	CW	(AB-J)
<b>M14</b>	22-6	0500	12211	Thu	952 (R4m) off. Back at 0510z in CW. Stuttering signal, several breaks, off. Back at 0512z. Sent gr 1, off again and back with gr 10.	FSK CW	(AB-J)
<b>M14</b>	22-6	0520	10243	Thu	952 670 760 53 53 = = 96627 39833 11871 ... 95496 76120 36165 = = 670 670 53 53	CW	(AB-J)
<b>M14</b>	23-6	0500	12211	Fri	952 483 483 61 61 = = 61154 87481 19076 ... 80256 47164 17793 = = 483 483 61 61 00000	CW	(AB-J)
<b>M14</b>	23-6	0520	10243	Fri	952 483 483 61 61 = = 61154 87481 19076 ... 80256 47164 17793 = = 483 483 61 61 00000	CW	(AB-J)
<b>M14</b>	26-6	0500	12211	Mon	952 107 107 56 56 = = 82858 79190 92481 ... 52992 03250 26826 = = 107 107 56 56 00000 Started in slow morse, then a carrier followed by the rest	CW	(AB-J)
<b>M14</b>	26-6	0523	10243	Mon	952 107 107 56 56 = = 82858 79190 92481 ... 52992 03250 26826 = = 107 107 56 56 00000 Late start	CW	(AB-J)
<b>M14</b>	27-6	0500	12211	Tue	952 368 368 57 57 = = 07710 55208 73175 ... 03152 16880 75966 = = 368 368 57 57 00000	CW	(AB-J)
<b>M14</b>	27-6	0520	10243	Tue	952 368 368 57 57 = = 07710 55208 73175 ... 03152 16880 75966 = = 368 368 57 57 00000	CW	(AB-J)
<b>M14</b>	28-6	0500	12211	Wed	952 410 410 57 57 = = 92402 22943 55519 ... 08222 04831 32675 = = 410 410 57 57 00000	CW	(AB-J)
<b>M14</b>	28-6	0520	10243	Wed	952 410 410 57 57 = = 92402 22943 55519 ... 08222 04831 32675 = = 410 410 57 57 00000	CW	(AB-J)
<b>M14</b>	29-6	0505	12211	Thu	Late start. Inverted morse, then carrier only. Off at 0507z	CW	(AB-J)
<b>M14</b>	29-6	0520	10243	Thu	No transmission	CW	(AB-J)
<b>M14</b>	30-6	0500	12211	Fri	No transmission	CW	(AB-J)
<b>M14</b>	30-6	0520	10243	Fri	No transmission	CW	(AB-J)
<b>M21</b>	13-6	0818	6421.5	Tue	=14356470894320 =14295470817420 =991121??8?????	CW	(F5JBR)
<b>M23</b>	8-6	0558	5345	Thu	Hourly beep	CW	(AB)
<b>M23</b>	11-6	0958	5345	Sun	Hourly beep	CW	(AB)

M23	11-6	1258	5345	Sun	Hourly beep	CW	(AB)
M23	13-6	0658	5345	Tue	Hourly beep	CW	(AB)
M23	15-6	0658	5345	Thu	Hourly beep	CW	(AB)
M23	17-6	0958	5345	Sat	Hourly beep	CW	(AB)
M42	1-6	0720	16315	Thu	Russian diplo. Serdolik selcal	Serdolik v2	(RO)
M42	1-6	0726	17517	Thu	Russian diplo	MFSK-66	(RO)
M42	1-6	0728	14474	Thu	Russian diplo. Serdolik selcal	Serdolik v2	(RO)
M42	1-6	0729	21824	Thu	Russian diplo. Serdolik selcal	Serdolik v2	(RO)
M42	1-6	0731	16315	Thu	Russian diplo. Serdolik selcal	Serdolik v2	(RO)
M42	1-6	0750	16026	Thu	Russian diplo	Serdolik v2	(RO)
M42	1-6	0802	16313	Thu	Russian diplo	Serdolik v2	(RO)
M42	1-6	1254	16315	Thu	Russian diplo	Serdolik v2	(RO)
M42	1-6	1255	16313	Thu	Russian diplo	Serdolik v2	(RO)
M42	5-6	0641	12122	Mon	Russian diplo	MFSK-66	(RO)
M42	5-6	0738	12148	Mon	MFA Moscow wkg Russian embassy Bern	MFSK-66	(RO)
M42	5-6	0739	13950	Mon	Russian embassy Bern wkg MFA Moscow	MFSK-66	(RO)
M42	8-6	1021	16308	Thu	Russian diplo	MFSK-66	(Anon)
M42	8-6	1023	19083	Thu	Russian diplo	MFSK-66	(Anon)
M42	8-6	1044	16167	Thu	Russian diplo	Serdolik v2	(RO)
M42	8-6	1048	17441	Thu	Russian diplo	Serdolik v2	(RXR)
M42	8-6	1050	16167	Thu	Russian diplo	Serdolik v2	(RXR)
M42	8-6	1107	13522	Thu	Russian diplo	Serdolik v2	(RO)
M42	8-6	1109	15896	Thu	Russian diplo	OFDM-45	(RO)
M42	9-6	0649	11158	Fri	Russian diplo	Serdolik v2	(RO)
M42	13-6	0815	16255	Tue	Russian diplo.	MFSK-66	(AB/Moon)
M42	13-6	1018	20816	Tue	Russian diplo	Serdolik v2	(AB)
M42	13-6	1038	20813	Tue	Russian diplo	Serdolik v2	(Moon)
M42	14-6	0801	13458	Wed	Russian diplo	MFSK-66	(AB)
M42	15-6	1257	18231	Thu	Russian diplo	Serdolik v2	(AB)
M42	21-6	1200	17440	Wed	Russian diplo	Serdolik v2	(RO)
M42	25-6	1034	13410	Sun	Russian diplo	Serdolik v2	(RO)
M42	25-6	1036	15719	Sun	Russian diplo	Serdolik v2	(RO)
M42	25-6	1044	12096	Sun	Russian diplo	Serdolik v2	(RO/RXR)
M42	26-6	0817	17466	Mon	Russian diplo	Serdolik v2	(RO)
M42	26-6	0930	14686	Mon	Russian diplo	Serdolik v2	(RO)
M42	26-6	0943	19273	Mon	Russian diplo	Serdolik v2	(RO)
M42	26-6	0945	18642	Mon	Russian diplo	Serdolik v2	(RO)
M42	27-6	0753	11071	Tue	Russian diplo.	Serdolik v2	(AB/RO)
M42	27-6	0755	14830	Tue	Russian embassy Baghdad	Serdolik v2	(RO)
M42	28-6	0808	12188	Wed	Russian diplo	Serdolik v2	(AB/RO)
M42	28-6	0821	11562	Wed	Russian diplo	Serdolik v2	(RO)

<b>M51a</b>	18-6	0700	3881	Sun	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA //6825 kHz	CW	(AB)
<b>M51a</b>	18-6	0700	6825	Sun	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA //3881 kHz	CW	(AB)
<b>M51b</b>	18-6	0625	3881	Sun	Non-stop 5 character groups composed of M51a messages //6825 kHz	CW	(AB)
<b>M51b</b>	18-6	0625	6825	Sun	Non-stop 5 character groups composed of M51a messages //3881 kHz	CW	(AB)
<b>M89</b>	1-6	1103	5145	Thu	i.p. R HR WK NR K2011 K OK R AS VV H52K DE LIX7 K	CW	(JPL)
<b>M89</b>	1-6	1120	4860	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
<b>M89</b>	1-6	1120	6840	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
<b>M89</b>	1-6	1125	5028	Thu	i.p. A457 34UA 657A TA7D N7TT TN6D DTUD ... AR K	CW	(JPL)
<b>M89</b>	1-6	1130	7620	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
<b>M89</b>	1-6	1130	8350	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
<b>M89</b>	1-6	1201	3565	Thu	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
<b>M89</b>	1-6	1201	4718	Thu	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
<b>M89</b>	1-6	1207	5233	Thu	i.p. /EX 2006 = XT3,/FM4J NR 1166/EX 2006 =	CW	(JPL)
<b>M89</b>	1-6	1210	5266	Thu	MBY9 MBY9 VVV	CW	(JPL)
<b>M89</b>	1-6	1213	5561	Thu	i.p. I9F5/PJE6 AR NR 1068/EX 2012 = I9F5/PJE6 AR	CW	(JPL)
<b>M89</b>	1-6	1216	5576	Thu	i.p. NR 1101/EX 2020 = FG.9/G..1 AR NR 1100/EX 1029 = 9/GV70 AR QSY ... VVV	CW	(JPL)
<b>M89</b>	1-6	1219	5692	Thu	i.p. = OC5CBW3AN FNR 178/EX 1021 = OFH/BW3 AR	CW	(JPL)
<b>M89</b>	6-6	1201	4721	Thu	i.p. FFF NR 1064/EX 2000 = VBS/AK8 AR NR 1064/EX 2000 =	CW	(JPL)
<b>M89</b>	9-6	1420	4860	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
<b>M89</b>	9-6	1420	6840	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
<b>M89</b>	9-6	1421	7524	Fri	i.p. 53D6 745A N74D 7U3A 43TD 74AN ...	CW	(JPL)
<b>M89</b>	9-6	1428	3565	Fri	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
<b>M89</b>	9-6	1428	4718	Fri	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
<b>M89</b>	9-6	1438	4778	Fri	i.p. 3U57 ND64 U473 3UD6 ...	CW	(JPL)
<b>M89</b>	9-6	1443	5201	Fri	i.p. 7G NR 7544 CK 91 14 0609 2240 RMKS 2565562 TO 2565556 = 3N.U ATD5 6T5. ...	CW	(JPL)
<b>M89</b>	9-6	1446	5352	Fri	i.p. 45T7 46TD 67NT DD37 47NA ...	CW	(JPL)
<b>M89</b>	9-6	1451	8001	Fri	i.p. 634D 53D4 4D3N D46A 5T73 ...	CW	(JPL)
<b>M89</b>	9-6	1452	8011	Fri	i.p. 63T7 4AD5 53TU 64U3 D5AD ...	CW	(JPL)
<b>M89</b>	9-6	1452	8013	Fri	i.p. = 67N3 ND73 46AA TA67 D4AA D4N3 ...	CW	(JPL)
<b>M89</b>	9-6	1454	8141	Fri	i.p. 57T3 TAUN N4U3 N6UA 4A7U ANT3 ...	CW	(JPL)
<b>M89</b>	9-6	1455	8097	Fri	i.p. TO 1728687 = A5N7 AU36 A4UN 7U43 N35N ...	CW	(JPL)
<b>M89</b>	9-6	1457	8271	Fri	i.p. RMKS 43..49. TO 4365492 = 6T5U N7T3 D3.4 A67T 45A6 ...	CW	(JPL)
<b>M89</b>	9-6	1458	8514	Fri	i.p. 63U7 4565 7U36 TDA3 7N35 65U4 ...	CW	(JPL)
<b>M89</b>	9-6	1459	8737	Fri	i.p. 3476 UDTA 3UN7 4NT7 U3ND 45DU N5D7 ...	CW	(JPL)
<b>M89</b>	9-6	1501	9231	Fri	i.p. 4NA6 753T T5DA ...	CW	(JPL)
<b>M89</b>	9-6	1509	11161	Fri	i.p. OK U 7G GA K	CW	(JPL)
<b>M89</b>	9-6	1511	11145	Fri	i.p. NA5D A5N6 D7T. A75N 4AU6 D745 ...	CW	(JPL)
<b>M89</b>	9-6	1513	12466	Fri	i.p. 7NU7 .D3UY6 AR K R OK R 7G GA K	CW	(JPL)
<b>M89</b>	9-6	1520	16455	Fri	i.p. R 7G NR 3389 CK 66 18 0609 2240 RMKS 4559052 TO 4559051 = 35U6 NDU5 U6AN 5DNU D5NU 6D53 T7A5 U73N ...	CW	(JPL)

<b>M89</b>	9-6	1845	7678	Fri	i.p. RMKS 1735828TO 1735820 = 5/H.1 K FFF NR 2244/EX 24.. M 1735828 TO 1735820 = .WF5/I9.1 AR K	CW	(JPL)
<b>M89</b>	9-6	1852	7955	Fri	i.p. 6A54 NUT3 6TU64 ... AR K R GA K	CW	(JPL)
<b>M89</b>	9-6	1854	8063	Fri	i.p. FFF NR 6251/EX 0254 RMKS 2735569 TO 275566 =	CW	(JPL)
<b>M89</b>	9-6	1858	8133	Fri	i.p. UT5N DN3T 4NT7 67U3 736A ...	CW	(JPL)
<b>M89</b>	9-6	1900	8248	Fri	i.p. T45U 6435 5T7D ...	CW	(JPL)
<b>M89</b>	9-6	1901	8338	Fri	i.p. N QSL 0301 K	CW	(JPL)
<b>M89</b>	13-6	1120	4860	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
<b>M89</b>	13-6	1120	6840	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
<b>M89</b>	13-6	1130	7620	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
<b>M89</b>	13-6	1130	8350	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
<b>M89</b>	13-6	1153	9112	Tue	i.p. 47TT CQ AR K	CW	(JPL)
<b>M89</b>	13-6	1153	9123	Tue	i.p. QSL 1952 K QSL 1àR HR WK USB K USB WK K Switched to voice	CW	(JPL)
<b>M89</b>	13-6	1202	10124	Tue	i.p. T5DU 374T 64AN D3A5 ...	CW	(JPL)
<b>M89</b>	13-6	1206	10341	Tue	i.p. Q1AZ FFF NR 1159/EX 2006 = G5D8/L9H0 AR	CW	(JPL)
<b>M89</b>	13-6	1210	10519	Tue	i.p. DR5T ... FFF NR 1160/EX 2009 = IJB8/F9G4 AR	CW	(JPL)
<b>M89</b>	13-6	1220	10245	Tue	i.p. LTPB F NR 1923/EX 2024 DK/5K3 AR NR 1923/EX 2024 =	CW	(JPL)
<b>M89</b>	13-6	1227	10255	Tue	i.p. NR 1166/EX 2027 = X2P1/D4Y3 AR NR 1166/EX 2027 = X2P1/D4Y3 AR	CW	(JPL)
<b>M89</b>	13-6	1230	10231	Tue	i.p. NR 3..54 CK 61 49 0613 2.20 RMKS 1528949 TO 1528954 = AUT4 T4D7 6A73 4U3D 756U TDA6 ...	CW	(JPL)
<b>M89</b>	13-6	1233	10310	Tue	i.p. UT53 D5TU 6T74 N7UT TND7 ...	CW	(JPL)
<b>M89</b>	13-6	1233	10331	Tue	i.p. ENC5 AR 6S7F K 6S7F K .T86 K JT86 K .K.K	CW	(JPL)
<b>M89</b>	13-6	1238	10347	Tue	i.p. R HR WK NR à658950 K R KBCT DE 5MKG R QSA 1 QSA ? K R K	CW	(JPL)
<b>M89</b>	13-6	1246	10568	Tue	i.p. HR CQ 7G GA NR 1210 CK 61 65 0613 2030 RMKS CQ = A3.5 3U64 65N4 45TN 4573 3DAT 54A3 5UN7 576N ...	CW	(JPL)
<b>M89</b>	13-6	1247	10587	Tue	i.p. NR 1167/EX 2047 RMKS CQ = G3H8/D4N5 AR VV LS2F DE BQ1Z K	CW	(JPL)
<b>M89</b>	13-6	1253	10712	Tue	i.p. VV MNHV DE FGHB K (Control station) R QSL ? K R U WK NR GA K	CW	(JPL)
<b>M89</b>	23-6	1751	4123	Fri	i.p. R QSA 3 IEC = 862. AR K R = 1299 AR K (Both stations on this frequency)	CW	(JPL)
<b>M89</b>	23-6	1812	3565	Fri	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
<b>M89</b>	23-6	1812	4718	Fri	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
<b>M89</b>	23-6	1820	4860	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
<b>M89</b>	23-6	1820	6840	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
<b>M89</b>	29-6	2020	4860	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
<b>M89</b>	29-6	2020	6840	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
<b>M89</b>	29-6	2026	5791	Thu	i.p. DTA6 7AA6 7N7N NTAT 3N3N ...	CW	(JPL)
<b>M89v</b>	13-6	1155	9123	Tue	Voice traffic in Chinese. Male operator	USB	(JPL)
<b>M95</b>	1-6	1137	4364	Thu	V BNGC (x3) DE XSV85 (X2) HR MSGS GA PSE CY NR 0421 CK 046 35 0601 1529 = //8073	CW	(JPL)
<b>M95</b>	1-6	1137	8073	Thu	V BNGC (x3) DE XSV85 (X2) HR MSGS GA PSE CY NR 0421 CK 046 35 0601 1529 = //4364	CW	(JPL)
<b>M95</b>	1-6	1145	4243	Thu	XSV85: messages //9054	CW	(JPL)
<b>M95</b>	1-6	1145	9054	Thu	XSV85: messages //4243	CW	(JPL)
<b>M95</b>	9-6	1419	4178	Fri	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
<b>M95</b>	9-6	1419	7517	Fri	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)

<b>M95</b>	13-6	1139	4364	Tue	V BNGC (x3) DE XSV85 (X2) HR MSGS GA PSE CY NR 0446 CK 282 35 0613 1606 = //8073	CW	(JPL)
<b>M95</b>	13-6	1139	8073	Tue	V BNGC (x3) DE XSV85 (X2) HR MSGS GA PSE CY NR 0446 CK 282 35 0613 1606 = //4364	CW	(JPL)
<b>M95</b>	13-6	1148	4243	Tue	VVV HR 7G TO YR PSE CY NR 26 CK 110 35 0613 1521 = //9054	CW	(JPL)
<b>M95</b>	13-6	1148	9054	Tue	VVV HR 7G TO YR PSE CY NR 26 CK 110 35 0613 1521 = //4243	CW	(JPL)
<b>M95</b>	23-6	1750	4178	Fri	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
<b>M95</b>	23-6	1750	7517	Fri	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
<b>M95</b>	29-6	2036	4178	Thu	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
<b>M95</b>	29-6	2036	7517	Thu	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
<b>MX</b>	9-6	1035	20047.7	Fri	Beacon D, Sevastopol	CW	(MPJ)
<b>MX</b>	9-6	1035	20047.9	Fri	Beacon S, Severomorsk	CW	(MPJ)
<b>MX</b>	13-6	0930	9363	Tue	Russian Military channel marker D (R5min)	CW	(F5JBR)
<b>MX</b>	19-6	0757	13527.7	Mon	Beacon D, Sevastopol	CW	(HFD)
<b>MX</b>	19-6	0758	13527.9	Mon	Beacon S, Severomorsk	CW	(HFD)
<b>P03</b>	1-6	0615	11581	Thu	Polish intel.	PSK	(PY)
<b>P03</b>	1-6	0620	11581	Thu	Polish intel.	PSK	(PY)
<b>P03</b>	1-6	0720	11581	Thu	Polish intel.	PSK	(PY)
<b>P03</b>	1-6	0725	11581	Thu	Polish intel.	PSK	(PY)
<b>P03</b>	5-6	0615	14769	Mon	Polish intel.	PSK	(PY)
<b>P03</b>	5-6	0620	14769	Mon	Polish intel.	PSK	(PY)
<b>P03</b>	6-6	0615	11581	Tue	Polish intel.	PSK	(PY)
<b>P03</b>	6-6	0635	17535	Tue	Polish intel.	PSK	(PY)
<b>P03</b>	6-6	0640	17535	Tue	Polish intel.	PSK	(PY)
<b>P03</b>	6-6	0720	11581	Tue	Polish intel.	PSK	(PY)
<b>P03</b>	6-6	0725	11581	Tue	Polish intel.	PSK	(PY)
<b>P03</b>	7-6	0615	14769	Wed	Polish intel.	PSK	(PY)
<b>P03</b>	7-6	0620	14769	Wed	Polish intel.	PSK	(PY)
<b>P03</b>	7-6	1030	9399	Wed	Polish intel.	PSK	(PY)
<b>P03</b>	7-6	1035	9399	Wed	Polish intel.	PSK	(PY)
<b>P03</b>	8-6	0615	11581	Thu	Polish intel.	PSK	(PY)
<b>P03</b>	8-6	0620	11581	Thu	Polish intel.	PSK	(PY)
<b>P03</b>	8-6	0635	17535	Thu	Polish intel.	PSK	(AB/PY)
<b>P03</b>	8-6	0640	17535	Thu	Polish intel.	PSK	(AB/PY)
<b>P03</b>	8-6	0805	7504	Thu	Polish intel.	PSK	(PY)
<b>P03</b>	9-6	0800	7504	Fri	Polish intel.	PSK	(PY)
<b>P03</b>	9-6	0805	7504	Fri	Polish intel.	PSK	(PY)
<b>P03</b>	12-6	0615	14769	Mon	Polish intel.	PSK	(AB)
<b>P03</b>	12-6	0620	14769	Mon	Polish intel.	PSK	(AB)
<b>P03</b>	12-6	1030	9399	Mon	Polish intel.	PSK	(AB)
<b>P03</b>	12-6	1035	9399	Mon	Polish intel.	PSK	(AB)
<b>P03</b>	13-6	0615	11581	Tue	Polish intel.	PSK	(AB)
<b>P03</b>	13-6	0620	11581	Tue	Polish intel.	PSK	(AB)
<b>P03</b>	13-6	0720	11581	Tue	Polish intel.	PSK	(AB)

P03	13-6	0725	11581	Tue	Polish intel.	PSK	(AB)
P03	14-6	1030	9399	Wed	Polish intel.	PSK	(AB)
P03	14-6	1035	9399	Wed	Polish intel.	PSK	(AB)
P03	15-6	0615	11581	Thu	Polish intel.	PSK	(AB)
P03	15-6	0620	11581	Thu	Polish intel.	PSK	(AB)
P03	15-6	0635	17535	Thu	Polish intel.	PSK	(AB)
P03	15-6	0640	17535	Thu	Polish intel.	PSK	(AB)
P03	15-6	0720	11581	Thu	Polish intel.	PSK	(AB)
P03	15-6	0725	11581	Thu	Polish intel.	PSK	(AB)
P03	15-6	0800	7504	Thu	Polish intel.	PSK	(AB)
P03	15-6	0805	7504	Thu	Polish intel.	PSK	(AB)
P03	16-6	0800	7504	Fri	Polish intel.	PSK	(AB)
P03	16-6	0805	7504	Fri	Polish intel.	PSK	(AB)
P03	19-6	0615	14769	Mon	Polish intel.	PSK	(AB)
P03	19-6	0620	14769	Mon	Polish intel.	PSK	(AB)
P03	19-6	1030	9399	Mon	Polish intel.	PSK	(AB)
P03	19-6	1035	9399	Mon	Polish intel.	PSK	(AB)
P03	20-6	0615	11581	Tue	Polish intel.	PSK	(AB)
P03	20-6	0620	11581	Tue	Polish intel.	PSK	(AB)
P03	20-6	0720	11581	Tue	Polish intel.	PSK	(AB)
P03	20-6	0725	11581	Tue	Polish intel.	PSK	(AB)
P03	21-6	1030	9399	Wed	Polish intel.	PSK	(AB)
P03	21-6	1035	9399	Wed	Polish intel.	PSK	(AB)
P03	22-6	0615	11581	Thu	Polish intel.	PSK	(AB)
P03	22-6	0620	11581	Thu	Polish intel.	PSK	(AB)
P03	22-6	0635	17535	Thu	Polish intel.	PSK	(AB)
P03	22-6	0640	17535	Thu	Polish intel.	PSK	(AB)
P03	22-6	0720	11581	Thu	Polish intel.	PSK	(AB)
P03	22-6	0725	11581	Thu	Polish intel.	PSK	(AB)
P03	22-6	0800	7504	Thu	Polish intel.	PSK	(AB)
P03	22-6	0805	7504	Thu	Polish intel.	PSK	(AB)
P03	23-6	0800	7504	Fri	Polish intel.	PSK	(AB)
P03	23-6	0805	7504	Fri	Polish intel.	PSK	(AB)
P03	26-6	0615	14769	Mon	Polish intel.	PSK	(AB)
P03	26-6	0620	14769	Mon	Polish intel.	PSK	(AB)
P03	26-6	1030	9399	Mon	Polish intel.	PSK	(AB)
P03	26-6	1035	9399	Mon	Polish intel.	PSK	(AB)
P03	27-6	0615	11581	Tue	Polish intel.	PSK	(AB)
P03	27-6	0620	11581	Tue	Polish intel.	PSK	(AB)
P03	27-6	0720	11581	Tue	Polish intel.	PSK	(AB)
P03	27-6	0725	11581	Tue	Polish intel.	PSK	(AB)
P03	28-6	1030	9399	Wed	Polish intel.	PSK	(AB)

P03	28-6	1035	9399	Wed	Polish intel.	PSK	(AB)
P03	29-6	0615	11581	Thu	Polish intel.	PSK	(AB)
P03	29-6	0620	11581	Thu	Polish intel.	PSK	(AB)
P03	29-6	0635	17535	Thu	Polish intel.	PSK	(AB)
P03	29-6	0640	17535	Thu	Polish intel.	PSK	(AB)
P03	29-6	0720	11581	Thu	Polish intel.	PSK	(AB)
P03	29-6	0725	11581	Thu	Polish intel.	PSK	(AB)
P03	29-6	0800	7504	Thu	Polish intel.	PSK	(AB)
P03	29-6	0805	7504	Thu	Polish intel.	PSK	(AB)
P03	30-6	0800	7504	Fri	Polish intel.	PSK	(AB)
P03	30-6	0805	7504	Fri	Polish intel.	PSK	(AB)
P03e	2-6	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(MPJ/PY)
P03e	2-6	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	4-6	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(PY)
P03e	6-6	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	6-6	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	9-6	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ/PY)
P03e	9-6	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ/PY)
P03e	11-6	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	11-6	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	11-6	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	11-6	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13-6	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	13-6	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	16-6	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	16-6	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	18-6	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	18-6	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	18-6	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	18-6	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	20-6	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	20-6	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	23-6	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	23-6	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	25-6	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	25-6	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	25-6	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	25-6	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	27-6	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	27-6	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	30-6	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	30-6	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)



P03f	12-6	0530	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03f	12-6	0535	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03f	14-6	0530	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03f	14-6	0535	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03f	19-6	0530	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03f	19-6	0535	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03j	2-6	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	2-6	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/PY)
P03j	5-6	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(PY)
P03j	5-6	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(PY)
P03j	7-6	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(PY)
P03j	7-6	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(PY)
P03j	7-6	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/PY)
P03j	7-6	1321	16335	Wed	Polish intel. (late start)	QPSK 100Bd/504bp	(AB/PY)
P03j	9-6	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL/MPJ/PY)
P03j	9-6	1321	16335	Fri	Polish intel. (late start)	QPSK 100Bd/504bp	(AB-POL/MPJ/PY)
P03j	12-6	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	12-6	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	13-6	0630	17535	Tue	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	13-6	0635	17535	Tue	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	14-6	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	14-6	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	14-6	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	14-6	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16-6	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	16-6	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	19-6	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	19-6	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	20-6	0635	17535	Tue	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	20-6	0640	17535	Tue	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	21-6	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	21-6	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	23-6	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	23-6	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	26-6	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	26-6	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	27-6	0635	17535	Tue	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	27-6	0640	17535	Tue	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	28-6	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	28-6	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	30-6	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	30-6	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL)

P03k	1-6	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(PY)
P03k	2-6	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(PY)
P03k	2-6	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	2-6	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	3-6	1200	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ/PY)
P03k	3-6	1205	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	3-6	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ/PY)
P03k	3-6	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	3-6	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ/PY)
P03k	3-6	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ/PY)
P03k	3-6	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ/PY)
P03k	3-6	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ/PY)
P03k	4-6	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(PY)
P03k	4-6	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(PY)
P03k	4-6	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(PY)
P03k	4-6	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(PY)
P03k	5-6	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(PY)
P03k	7-6	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
P03k	7-6	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
P03k	7-6	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ/PY)
P03k	7-6	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ/PY)
P03k	8-6	1100	8530	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ/PY)
P03k	8-6	1105	8530	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ/PY)
P03k	8-6	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
P03k	8-6	1955	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
P03k	9-6	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
P03k	9-6	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/PY)
P03k	10-6	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(Subilo)
P03k	10-6	1200	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ-HOL/PY)
P03k	10-6	1205	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ-HOL/PY)
P03k	10-6	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	10-6	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	10-6	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ-HOL/PY)
P03k	10-6	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ-HOL/PY)
P03k	10-6	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/PY)
P03k	10-6	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/PY)
P03k	11-6	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-6	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-6	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-6	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-6	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11-6	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)

P03k	11-6	1200	5409	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	11-6	1205	5409	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	11-6	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11-6	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11-6	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-6	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-6	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-6	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-6	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-6	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-6	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-6	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-6	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-6	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15-6	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	15-6	1955	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	16-6	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-6	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-6	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-6	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-6	1200	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	17-6	1205	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	17-6	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	17-6	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	17-6	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-6	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-6	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	17-6	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	18-6	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-6	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-6	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-6	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-6	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	18-6	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	18-6	1200	5409	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	18-6	1205	5409	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	18-6	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	18-6	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	18-6	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-6	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-6	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-6	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	20-6	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-6	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-6	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-6	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-6	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-6	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	22-6	1200	5409	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	22-6	1205	5409	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	22-6	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	22-6	1955	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	23-6	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-6	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-6	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-6	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-6	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-6	0635	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-6	1200	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	24-6	1205	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	24-6	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	24-6	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	24-6	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-6	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-6	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	24-6	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	25-6	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-6	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-6	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-6	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-6	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	25-6	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	25-6	1200	5409	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	25-6	1205	5409	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	25-6	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	25-6	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	25-6	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-6	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-6	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-6	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-6	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-6	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-6	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-6	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	28-6	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-6	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-6	1200	5409	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	29-6	1205	5409	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	29-6	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-6	1955	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-6	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-6	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-6	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-6	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03I	2-6	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(PY)
P03I	3-6	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(MPJ/PY)
P03I	3-6	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	7-6	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(PY)
P03I	8-6	1200	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(PY)
P03I	9-6	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ/PY)
P03I	9-6	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ/PY)
P03I	10-6	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(MPJ/PY)
P03I	10-6	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(MPJ/PY)
P03I	11-6	1245	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	11-6	1250	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	12-6	1200	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	12-6	1205	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	14-6	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	14-6	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	16-6	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	16-6	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	17-6	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	17-6	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	18-6	1245	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-AUT)
P03I	18-6	1250	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-AUT)
P03I	19-6	1200	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	19-6	1205	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	21-6	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	21-6	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	23-6	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	23-6	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	24-6	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	24-6	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	25-6	1245	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	25-6	1250	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	26-6	1200	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)

P03I	26-6	1205	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	28-6	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	28-6	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	30-6	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	30-6	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P07	4-6	1400	9224	Sun	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	4-6	1410	8124	Sun	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	4-6	1420	7589	Sun	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	4-6	1430	6854	Sun	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	4-6	1450	5284	Sun	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	7-6	1400	9224	Wed	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	7-6	1410	8124	Wed	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	7-6	1420	7589	Wed	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	7-6	1430	6854	Wed	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	7-6	1440	5829	Wed	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	7-6	1450	5284	Wed	Russian intel. 1 block	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
P07	11-6	1400	9224	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	11-6	1410	8124	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	11-6	1420	7589	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	11-6	1430	6854	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	11-6	1440	5829	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	11-6	1450	5284	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	14-6	1400	9224	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-6	1410	8124	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-6	1420	7589	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-6	1430	6854	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-6	1440	5829	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	14-6	1450	5284	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	18-6	1400	9224	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-6	1410	8124	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-6	1420	7589	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-6	1430	6854	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	18-6	1440	5829	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	18-6	1450	5284	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	21-6	1400	9224	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-6	1410	8124	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-6	1420	7589	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-6	1430	6854	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-6	1440	5829	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	21-6	1450	5284	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	25-6	1400	9224	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	25-6	1410	8124	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)

<b>P07</b>	25-6	1420	7589	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
<b>P07</b>	25-6	1430	6854	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
<b>P07</b>	25-6	1440	5829	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
<b>P07</b>	25-6	1450	5284	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
<b>P07</b>	28-6	1400	9224	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
<b>P07</b>	28-6	1410	8124	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
<b>P07</b>	28-6	1420	7589	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
<b>P07</b>	28-6	1430	6854	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
<b>P07</b>	28-6	1440	5829	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
<b>P07</b>	28-6	1450	5284	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
<b>Q26</b>	1-6	1132	4364	Thu	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	1-6	1132	8073	Thu	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	1-6	1150	4243	Thu	VVV HR 7G TO YR PSE CY NR 008 CK 24 35 0601 1531 = 5AA UTT TTA 3U6 3A4 5T7 5TD 5TN 5AA 75U //9054	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	1-6	1150	9054	Thu	VVV HR 7G TO YR PSE CY NR 008 CK 24 35 0601 1531 = 5AA UTT TTA 3U6 3A4 5T7 5TD 5TN 5AA 75U //4243	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	13-6	1130	4364	Tue	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	13-6	1130	8073	Tue	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	13-6	1143	4243	Tue	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
<b>Q26</b>	13-6	1143	9054	Tue	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
<b>RFSM</b>	21-6	1227	13365	Wed	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz		(AB)
<b>RFSM</b>	21-6	1227	17440	Wed	MFA Sofia wkg unid embassy. QSX 13365 kHz		(AB)
<b>RFSM</b>	21-6	1257	18455	Wed	MFA Sofia wkg unid embassy		(AB)
<b>RFSM</b>	28-6	0827	12226	Wed	MFA Sofia wkg unid embassy		(AB)
<b>RFSM</b>	28-6	1228	13365	Wed	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz		(AB)
<b>RFSM</b>	28-6	1229	17440	Wed	MFA Sofia wkg unid embassy. QSX 13365 kHz		(AB)
<b>RFSM</b>	28-6	1257	18455	Wed	MFA Sofia wkg unid embassy		(AB)
<b>S06</b>	1-6	0400	11616	Thu	480 735 60 70849 62465 17474 ... 89047 26884 17085 735 60 00000	USB	(LuCa)
<b>S06</b>	1-6	0420	9322	Thu	480 735 60 70849 62465 17474 ... 89047 26884 17085 735 60 00000	USB	(LuCa)
<b>S06</b>	1-6	0735	9463	Thu	801 276 52 18207 86763 14814 ... 44712 26780 69932 276 52 00000	USB	(PY)
<b>S06</b>	2-6	0400	11616	Fri	480 921 53 17356 01604 17444 ... 19530 08907 85476 921 53 00000	USB	(LuCa)
<b>S06</b>	2-6	0420	9322	Fri	480 921 53 17356 01604 17444 ... 19530 08907 85476 921 53 00000	USB	(LuCa)
<b>S06</b>	2-6	0640	10755	Fri	Windows XP system sound	USB	(PY)
<b>S06</b>	2-6	0655	10755	Fri	975 324 60 27790 86731 71600 ... 23660 15889 60374 324 60 00000	USB	(PY)
<b>S06</b>	2-6	2000	10286	Fri	637 637 637 00000	USB	(AVX/HFD)
<b>S06</b>	2-6	2100	8037	Fri	637 637 637 00000	USB	(AVX/HFD)
<b>S06</b>	3-6	0725	11073	Sat	352 487 41 13290 45280 35155 ... 90105 85130 65279 487 41 352 894 11 65227 63251 10563 ... 17611 69382 79272 894 11 00000	USB	(PY)
<b>S06</b>	6-6	0400	11616	Tue	480 673 54 39441 63083 32036 ... 02952 30510 20748 673 54 00000	USB	(LuCa)
<b>S06</b>	6-6	0400	11616	Tue	480 592 61 68291 52297 89073 ,... 08484 52215 88499 592 61 00000 wrong group count in preamble	USB	(LuCa)

<b>S06</b>	6-6	0420	9322	Tue	480 592 61 68291 52297 89073 ... 08484 52215 88499 592 61 00000 wrong group count in preamble	USB	(LuCa)
<b>S06</b>	6-6	0420	9322	Tue	480 673 54 39441 63083 32036 ... 02952 30510 20748 673 54 00000	USB	(LuCa)
<b>S06</b>	7-6	0344	11616	Wed	Space Cadet pinball game and Windows XP system sounds	USB	(LuCa)
<b>S06</b>	7-6	0400	11616	Wed	480 167 52 27412 65758 94495 ... 96876 94404 13310 167 52 00000	USB	(LuCa)
<b>S06</b>	7-6	0420	9322	Wed	480 167 52 27412 65758 94495 ... 96876 94404 13310 167 52 00000	USB	(LuCa)
<b>S06</b>	8-6	0400	11616	Thu	480 352 61 18521 85151 72205 ... 22271 44641 46158 352 61 00000	USB	(LuCa)
<b>S06</b>	8-6	0420	9322	Thu	480 352 61 18521 85151 72205 ... 22271 44641 46158 352 61 00000	USB	(LuCa)
<b>S06</b>	9-6	0400	11616	Fri	480 916 53 17916 47640 08651 ... 92619 21943 86382 916 53 00000	USB	(LuCa)
<b>S06</b>	9-6	0420	9322	Fri	480 916 53 17916 47640 08651 ... 92619 21943 86382 916 53 00000	USB	(LuCa)
<b>S06</b>	9-6	1241	10755	Fri	975 (R4m) 253 25 ... very weird transmission	LSB	(PY)
<b>S06</b>	16-6	2000	10286	Fri	637 637 637 00000	USB	(AB)
<b>S06</b>	16-6	2000	10286	Fri	637 637 637 00000	USB	(Lac)
<b>S06</b>	16-6	2100	8037	Fri	637 637 637 00000	USB	(Lac)
<b>S06</b>	22-6	0400	11616	Thu	480 721 56 61907 40583 01990 ... 83523 52525 07106 721 56 00000	USB/AM	(LuCa/PY)
<b>S06</b>	22-6	0420	9322	Thu	480 721 56 61907 40583 01990 ... 83523 52525 07106 721 56 00000	USB/AM	(LuCa/PY)
<b>S06</b>	27-6	0400	11616	Tue	480 136 54	USB	(Lac)
<b>S06</b>	29-6	0400	11616	Thu	480 716 54	USB	(Lac)
<b>S11a</b>	1-6	0445	9968	Thu	794/00	USB	(PY)
<b>S11a</b>	1-6	0700	9339	Thu	477/00	USB	(PY)
<b>S11a</b>	2-6	0915	6814	Fri	482/00	USB	(PY)
<b>S11a</b>	2-6	1400	9448	Fri	427/00	USB	(PY)
<b>S11a</b>	3-6	0830	5149	Sat	373/00	USB	(Subilo)
<b>S11a</b>	3-6	1850	12457	Sat	285/00	USB	(Subilo)
<b>S11a</b>	4-6	0830	5149	Sun	373/00	USB	(PY)
<b>S11a</b>	5-6	0700	9339	Mon	479/00	USB	(PY)
<b>S11a</b>	5-6	0915	6814	Mon	480/00	USB	(PY)
<b>S11a</b>	6-6	0445	9968	Tue	796/00	USB	(AB/PY)
<b>S11a</b>	6-6	1400	9448	Tue	425/00	USB	(PY)
<b>S11a</b>	7-6	0510	13537	Wed	657/00	USB	(PY)
<b>S11a</b>	7-6	1850	12457	Wed	281/38 Vnimanaye 50496 48481 93716 ... 61983 68162 60407 Vnimanaye (msg rptd) Konets	USB	(AB/Subilo)
<b>S11a</b>	8-6	0445	9968	Thu	790/00	USB	(AB/Subilo)
<b>S11a</b>	8-6	0700	9339	Thu	476/00	USB	(AB/PY)
<b>S11a</b>	9-6	0915	6814	Fri	485/00	USB	(AB/PY)
<b>S11a</b>	9-6	1400	9448	Fri	420/00	USB	(PY)
<b>S11a</b>	10-6	0830	5149	Sat	376/34 Vnimanaye 52497 31192 30537 ... 51956 89899 68503 Vnimanaye (msg rptd) Konets	USB	(AB/Subilo)
<b>S11a</b>	10-6	1850	12457	Sat	281/38 Vnimanaye 50496 48481 93716 ... 61983 68162 60407 Vnimanaye (msg rptd) Konets	USB	(AB/MPJ/Subilo/Lac)
<b>S11a</b>	11-6	0830	5149	Sun	376/34 Vnimanaye 52497 31192 30537 ... 51956 89899 68503 Vnimanaye (msg rptd) Konets	USB	(AB-POL)



<b>S11a</b>	12-6	0510	13537	Mon	655/40 Vnimanaye 03696 50847 13462 ... 92816 55218 84084 Vnimanaye (msg rptd) Konets	USB	(AB)
<b>S11a</b>	12-6	0700	9339	Mon	478/00	USB	(AB)
<b>S11a</b>	12-6	0915	6814	Mon	487/00	USB	(AB)
<b>S11a</b>	13-6	0445	9968	Tue	798/00	USB	(AB)
<b>S11a</b>	13-6	1400	9448	Tue	424/33 Vnimanaye 64383 90335 29194 ... 01627 86116 58479 Vnimanaye (msg rptd) Konets	USB	(AB/Lac)
<b>S11a</b>	14-6	0510	13537	Wed	655/40 Vnimanaye 03696 50847 13462 ... 92816 55218 84084 Vnimanaye (msg rptd) Konets	USB	(AB-POL)
<b>S11a</b>	14-6	1850	12457	Wed	288/00	USB	(AB)
<b>S11a</b>	15-6	0445	9968	Thu	794/00	USB	(AB)
<b>S11a</b>	15-6	0700	9339	Thu	478/00	USB	(AB)
<b>S11a</b>	16-6	0726	20905	Fri	383/00	USB	(Anon)
<b>S11a</b>	16-6	0915	6814	Fri	487/00	USB	(AB/Lac)
<b>S11a</b>	16-6	1400	9448	Fri	424/33 Vnimanaye 64383 90335 29194 ... 01627 86116 58479 Vnimanaye (msg rptd) Konets	USB	(AB/Lac)
<b>S11a</b>	17-6	0830	5149	Sat	370/00	USB	(AB/Lac)
<b>S11a</b>	17-6	1850	12457	Sat	286/00	USB	(AB/Lac)
<b>S11a</b>	18-6	0830	5149	Sun	378/00	USB	(AB/Lac)
<b>S11a</b>	19-6	0510	13537	Mon	650/00	USB	(AB)
<b>S11a</b>	19-6	0700	9339	Mon	472/35 Vnimanaye 83389 83199 18873 ... 51842 07376 01224 Vnimanaye (msg rptd) Konets	USB	(AB/Lac)
<b>S11a</b>	19-6	0915	6814	Mon	480/35 Vnimanaye 05964 88611 35903 ... 05835 88653 56368 Vnimanaye (msg rptd) Konets	USB	(AB/Lac)
<b>S11a</b>	20-6	0445	9968	Tue	790/37 Vnimanaye 90741 83059 71878 ... 20370 02569 95209 Vnimanaye (msg rptd) Konets	USB	(AB)
<b>S11a</b>	20-6	1400	9448	Tue	424/00	USB	(AB)
<b>S11a</b>	21-6	0725	20905	Wed	384/00	USB	(AB)
<b>S11a</b>	21-6	1850	12457	Wed	280/00	USB	(AB)
<b>S11a</b>	22-6	0445	9968	Thu	790/37 Vnimanaye 90741 83059 71878 ... 20370 02569 95209 Vnimanaye (msg rptd) Konets	USB	(AB)
<b>S11a</b>	22-6	0700	9339	Thu	472/35 Vnimanaye 83389 83199 18873 ... 51842 07376 01224 Vnimanaye (msg rptd) Konets	USB	(AB)
<b>S11a</b>	23-6	0725	20905	Fri	381/00	USB	(AB/Lac)
<b>S11a</b>	23-6	0915	6814	Fri	480/35 Vnimanaye 05964 88611 35903 ... 05835 88653 56368 Vnimanaye (msg rptd) Konets	USB	(AB-POL/Lac)
<b>S11a</b>	23-6	1400	9448	Fri	426/00	USB	(AB)
<b>S11a</b>	24-6	0830	5149	Sat	379/00	USB	(AB)
<b>S11a</b>	24-6	1850	12457	Sat	288/00	USB	(AB/Lac)
<b>S11a</b>	25-6	0830	5149	Sun	370/00	USB	(AB-POL/Lac)
<b>S11a</b>	26-6	0510	13537	Mon	656/00	USB	(AB-POL/Lac)
<b>S11a</b>	26-6	0700	9339	Mon	479/00	USB	(AB/Lac)

<b>S11a</b>	26-6	0915	6814	Mon	487/00	USB	(AB/Lac)
<b>S11a</b>	27-6	0445	9968	Tue	794/00	USB	(AB/Lac)
<b>S11a</b>	27-6	1400	9448	Tue	424/00	USB	(AB/Lac)
<b>S11a</b>	28-6	0500	13537	Wed	659/00	USB	(AB-POL/Lac)
<b>S11a</b>	28-6	0725	20905	Wed	381/37 Vnimanaye 95421 31014 52322 ... 36000 81604 15245 Vnimanaye (msg rptd) Konets	USB	(AB-POL/Lac)
<b>S11a</b>	28-6	1850	12457	Wed	284/00	USB	(AB)
<b>S11a</b>	29-6	0445	9968	Thu	794/00	USB	(AB)
<b>S11a</b>	29-6	0700	9339	Thu	799/00	USB	(AB/Lac)
<b>S11a</b>	30-6	0725	20905	Fri	381/37 Vnimanaye 95421 31014 52322 ... 36000 81604 15245 Vnimanaye (msg rptd) Konets	USB	(AB-POL)
<b>S11a</b>	30-6	0915	6814	Fri	487/00	USB	(AB-POL/Lac)
<b>S11a</b>	30-6	1400	9448	Fri	420/00	USB	(AB)
<b>UM01</b>	1-6	0700	4735	Thu	VVVVV PROMRCh = 01 06 = 1000 0810 0840 0950 1300 ... 0800 0770 0810 0910 1260 = AR	CW	(Subilo/AB)
<b>UM01</b>	2-6	0700	4735	Fri	VVVVV PROMRCh = 0206 = 1000 0810 0840 0950 1320 ... 0800 0780 0810 0920 1270 = AR	CW	(Subilo/AB)
<b>UM01</b>	3-6	0700	4735	Sat	VVV VVV PROMRCh = 03 06 = 1000 0810 0840 0950 1310 ... 0800 0780 0810 0920 1010 = AR	CW	(Subilo/AB)
<b>UM01</b>	4-6	0700	4735	Sun	VVV VVV PROMRCh = 04 06 = 1000 0810 0840 0950 1320 ... 0800 0770 0810 0910 1270 = AR	CW	(Subilo/AB)
<b>UM01</b>	5-6	0700	4735	Mon	VVVVV PROMRCh = 05 06 = 1000 0810 0840 0950 1310 ... 0800 0770 0800 0910 1260 = AR	CW	(Subilo/AB)
<b>UM01</b>	6-6	0700	4735	Tue	VVVVV PROMRCh = 0606 = 1000 0820 0850 0950 1310 ... 0800 0770 0800 0910 1260 = AR	CW	(Subilo/AB)
<b>UM01</b>	7-6	0700	4735	Wed	VVVVV PROMRCh = 07 06 = 1000 0820 0850 0950 1310 ... 0800 0770 0800 0910 1260 = AR	CW	(Subilo/AB)
<b>UM01</b>	8-6	0700	4735	Thu	VVV VVV PROMRCh = 08 06 = 1000 0820 0850 0950 1310 ... 0800 0780 0810 0910 1260 = AR	CW	(Subilo/AB)
<b>UM01</b>	9-6	0700	4735	Fri	VVVVV PROMRCh = 09 06 = 1000 0820 0850 0950 1310 ... 0800 0780 0810 0920 1260 = AR	CW	(Subilo/AB)
<b>UM01</b>	10-6	0700	4735	Sat	VVVVV PROMRCh = 10 06 = 1000 0830 0860 0960 1310 ... 0800 0790 0820 0930 1270 (repeat off halfway the message)	CW	(Subilo/AB)
<b>UM01</b>	11-6	0700	4735	Sun	VVV VVV PROMRCh = 11 06 = 1000 0840 0870 0970 1310 ... 0800 0810 0830 0940 1290 = AR	CW	(Subilo/AB)
<b>UM01</b>	12-6	0700	4735	Mon	VVVVV PROMRCh = 1206 = 1000 0850 0880 0980 1310 ... 0800 0810 0840 0950 1300 = AR	CW	(Subilo/AB)
<b>UM01</b>	13-6	0700	4735	Tue	VVVVV PROMRCh = 13 06 = 1000 0860 0880 0980 1310 ... 0800 0820 0850 0960 1300 = AR	CW	(AB-HNG)
<b>UM01</b>	16-6	0700	4735	Fri	VVVVV PROMRCh = 16 06 = 1000 0890 0900 1000 1330 ... 0800 0840 0870 0980 1320 = AR	CW	(Subilo/AB)
<b>UM01</b>	20-6	0700	4735	Tue	VVVVV PROMRCh = 2006 = 1000 0880 0900 0990 1320 ... 0800 0840 0870 0970 1310 = AR	CW	(Subilo/AB)

<b>UM01</b>	22-6	0700	4735	Thu	VVVVV PROMRCh = 22 06 = 1000 0860 0890 0980 1300 ... 0800 0830 0850 0950 1290 = AR	CW	(Subilo/AB)
<b>UM01</b>	23-6	0700	4735	Fri	VVV VVV PROMRCh = 23 06 = 1000 0870 0890 0990 1310 ... 0800 0830 0860 0960 1300 = AR	CW	(Subilo/AB)
<b>UM01</b>	26-6	0700	4735	Mon	VVVVV PROMRCh = 26 06 = 1000 0850 0880 0970 1300 ... 0800 0820 0850 0940 1280 = AR	CW	(Subilo/AB)
<b>UM04</b>	14-6	0701	4735	Wed	VVV VVV PROMRCh = 14 06 = 1000 0860 0890 0990 1320 ... 0800 0830 0860 0960 1310 = AR	CW	(AB-HNG)
<b>UM04</b>	15-6	0700	4735	Thu	VVV VVV PROMRCh = 15 06 = 1000 0870 0900 0990 1320 ... 0800 0840 0860 0970 1320 = AR	CW	(AB-HNG)
<b>UM04</b>	17-6	0659	4735	Sat	VVV VVV PROMRCh = 17 06 = 1000 0880 0910 1000 1330 ... 0800 0850 0880 0980 1320 = AR	CW	(AB-HNG)
<b>UM04</b>	18-6	0700	4735	Sun	VVV VVV PROMRCh = 18 06 = 1000 0880 0910 1000 1330 ... 0800 0840 0870 0980 1320 = AR	CW	(AB-HNG)
<b>UM04</b>	19-6	0700	4735	Mon	VVV VVV PROMRCh = 19 06 = 1000 0880 0900 1000 1320 ... 0800 0840 0870 0980 1320 = AR	CW	(AB-HNG)
<b>UM04</b>	21-6	0700	4735	Wed	VVV VVV PROMRCh = 21 06 = 1000 0870 0890 0990 1310 ... 0800 0830 0860 0960 1300 = AR	CW	(AB-HNG)
<b>UM04</b>	24-6	0659	4735	Sat	VVV VVV PROMRCh = 24 06 = 1000 0870 0890 0980 1310 ... 0800 0830 0860 0960 1290 = AR	CW	(AB-HNG)
<b>UM04</b>	25-6	0700	4735	Sun	VVVVV PROMRCh = 2506 = 1000 0860 0880 0970 1300 ... 0800 0820 0850 0950 1280 = AR	CW	(AB-HNG)
<b>UM04</b>	27-6	0700	4735	Tue	VVVVV PROMRCh = 27 06 = 1000 0840 0870 0960 1300 ... 0800 0810 0840 0940 1270 = AR	CW	(AB-HNG)
<b>UM04</b>	28-6	0700	4735	Wed	VVV VVV PROMRCh = 28 06 = 1000 0830 0860 0950 1300 ... 0800 0800 0830 0930 1270 = AR	CW	(AB-HNG)
<b>UM04</b>	29-6	0700	4735	Thu	VVVVV PROMRCh = 29 06 = 1000 0820 0850 0940 1300 ... 0800 0790 0820 0920 1250 = AR	CW	(AB-HNG)
<b>UM04</b>	30-6	0700	4735	Fri	VVVVV PROMRCh = 3006 = 1000 0810 0840 0940 1300 ... 0800 0780 0810 0910 1240 = AR	CW	(AB-HNG)
<b>UM10</b>	23-6	1757	3568	Fri	10-minutes net: NZO6 //4065 kHz	CW	(JPL-RUS)
<b>UM10</b>	23-6	1757	4065	Fri	10-minutes net: NZO6 //3568 kHz	CW	(JPL-RUS)
<b>V07</b>	4-6	0700	13927	Sun	942 1 4756 88 02635...	USB	(PY)
<b>V07</b>	4-6	0720	13427	Sun	942 1 4756 88 02635...	USB	(PY)
<b>V07</b>	4-6	0740	12127	Sun	942 1 4756 88 02635...	USB	(PY)
<b>V07</b>	11-6	0740	12127	Sun	942 942 942 1 402 90 402 90 35429 68663 01610 ... 57163 16259 78478 000 000	USB	(AB-J)
<b>V07</b>	11-6	0740	13427	Sun	942 942 942 1 402 90 402 90 35429 68663 01610 ... 57163 16259 78478 000 000	USB	(AB-J)
<b>V07</b>	11-6	0740	13927	Sun	942 942 942 1 402 90 402 90 35429 68663 01610 ... 57163 16259 78478 000 000	USB	(AB-J/Dan)
<b>V07</b>	18-6	0700	13927	Sun	942 942 942 000	USB	(AB-J/Dan)
<b>V07</b>	18-6	0720	13427	Sun	942 942 942 000	USB	(AB-J)
<b>V07</b>	25-6	0700	13927	Sun	942 942 942 1 894 102 894 102 20815 41191 67075 ... 41956 92994 11189 000 000	USB	(AB-J)
<b>V07</b>	25-6	0720	13427	Sun	942 942 942 1 894 102 894 102 20815 41191 67075 ... 41956 92994 11189 000 000	USB	(AB-J)
<b>V07</b>	25-6	0740	12127	Sun	942 942 942 1 894 102 894 102 20815 41191 67075 ... 41956 92994 11189 000 000	USB	(AB-J)

V13	5-6	0200	8169	Mon	New Star Broadcasting	AM	(Subilo)
V13	5-6	0230	8169	Mon	New Star Broadcasting	AM	(Subilo)
V13	5-6	0300	8169	Mon	New Star Broadcasting	AM	(Subilo)
V13	8-6	0200	13974	Thu	New Star Broadcasting	AM	(pigmon)
V13	8-6	0230	13974	Thu	New Star Broadcasting	AM	(pigmon)
V13	8-6	0300	13974	Thu	New Star Broadcasting	AM	(pigmon)
V13	8-6	0330	13974	Thu	New Star Broadcasting	AM	(pigmon)
V13	15-6	1200	9276	Thu	New Star Broadcasting	AM	(AB-TWN)
V13	15-6	1200	13974	Thu	New Star Broadcasting	AM	(AB-TWN)
V13	19-6	1300	13974	Mon	New Star Broadcasting	AM	(AB-TWN)
V13	20-6	1300	7688	Tue	New Star Broadcasting	AM	(AB-TWN)
V13	20-6	1300	11430	Tue	New Star Broadcasting	AM	(AB-TWN)
V13	22-6	1200	9276	Thu	New Star Broadcasting	AM	(AB-TWN)
V13	22-6	1200	13974	Thu	New Star Broadcasting	AM	(AB-TWN)
V13	27-6	1300	7688	Tue	New Star Broadcasting	AM	(AB-TWN)
V13	30-6	1300	7688	Fri	New Star Broadcasting	AM	(AB-TWN)
V13	30-6	1300	11430	Fri	New Star Broadcasting	AM	(AB-TWN)
V26	13-6	1130	4364	Tue	XSV85: callup in Chinese voice //8073	USB	(JPL)
V26	13-6	1130	8073	Tue	XSV85: callup in Chinese voice //4364	USB	(JPL)
VC01	9-6	2010	5378	Fri	Chinese Robot	USB	(kalv)
VC03	12-6	0231	11474	Mon	in progress 5072 1289 2910 ... 8539 7536 4753	USB	(VSh/Subilo)
VC03	20-6	1038	14522	Tue	4197 1580 0356 0591 3297 1062 9504 26 2528 1144 25 6594 26 23 2344 25 9045 26 2928 ...	USB	(EW)
X06	1-6	1323	20627	Thu	MFA Moscow clg 436512: Russian embassy Harare	MFSK-6	(Moon)
X06	1-6	1334	17468	Thu	Russian diplo	MFSK-6	(PY)
X06	2-6	1322	16320	Fri	MFA Moscow clg 241563: Russian Consulate General Karachi	MFSK-6	(PY)
X06	4-6	0654	13481	Sun	MFA Moscow clg 452163: Russian embassy Kabul	MFSK-6	(RXR)
X06	5-6	0648	11638	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(RO)
X06	5-6	0807	12199	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(RO)
X06	5-6	0922	20675	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(RO)
X06	6-6	0828	14358	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(RXR)
X06	6-6	1142	18523	Tue	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(RXR)
X06	6-6	1703	14812	Tue	MFA Moscow clg 246531: Russian embassy Accra	MFSK-6	(PY/HFD)
X06	7-6	0826	14631	Wed	MFA Moscow clg 362154: Russian embassy Athens	MFSK-6	(RXR)
X06	7-6	1149	14650	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(RXR/Moon)
X06	7-6	1207	13979	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(RXR/Moon)
X06	8-6	0747	4842	Thu	MFA Moscow clg 246135	MFSK-6	(kalv)
X06	8-6	0813	14550	Thu	MFA Moscow clg 153624: Russian embassy Damascus - faint	MFSK-6	(RXR)
X06	8-6	1018	16115	Thu	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Anon)
X06	9-6	0649	13427	Fri	MFA Moscow clg 341265: unid embassy	MFSK-6	(RXR)
X06	13-6	0807	13420	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(AB/Moon)
X06	13-6	0821	16257	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(AB)

X06	13-6	0954	16317	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(AB/Moon)
X06	13-6	1025	20813	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(RXR)
X06	14-6	0725	20950	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(AB/Moon)
X06	14-6	0741	13369	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(AB/Moon)
X06	14-6	0818	11153	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(AB/Moon)
X06	16-6	1017	14824	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(RO)
X06	19-6	0704	11638	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(AB/Moon)
X06	19-6	0820	11438	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(AB/Moon)
X06	19-6	0923	20675	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(AB/Moon)
X06	20-6	0823	13402	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB/RXR)
X06	21-6	0641	15819	Wed	MFA Moscow clg 256341: Russian embassy Beirut	MFSK-6	(AB/RO)
X06	21-6	1118	14650	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(AB/RO/Moon)
X06	23-6	1008	17463	Fri	MFA Moscow clg 256134: Russian embassy Abidjan	MFSK-6	(AB)
X06	25-6	1052	15810	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(RXR)
X06	26-6	0814	14871	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(RXR)
X06	26-6	0940	13517	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(RXR)
X06	26-6	1236	13467	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(AB/RO)
X06	27-6	0801	11545	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(AB/RO)
X06	27-6	0806	16257	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(AB/RO)
X06	27-6	1004	13510	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(AB)
X06	28-6	0725	20950	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(Lac)
X06	28-6	0741	13369	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(AB)
X06	28-6	0805	11153	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(AB/RO)
X06	28-6	0905	16116	Wed	MFA Moscow clg 134265: Russian embassy Tunis	MFSK-6	(AB/RO)
X06	28-6	0911	18245	Wed	MFA Moscow clg 134265: Russian embassy Tunis	MFSK-6	(AB/RO)
X06	28-6	0916	18245	Wed	MFA Moscow clg 134265: Russian embassy Tunis	MFSK-6	(Lac)
X06	28-6	0917	13985	Wed	MFA Moscow clg 134265: Russian embassy Tunis	MFSK-6	(AB/RO)
X06a	19-6	0756	13530	Mon	111666	MFSK-6	(HFD)
X06a	28-6	1024	15450	Wed	111666	MFSK-6	(Lac)
X06a	28-6	1027	11250	Wed	111666	MFSK-6	(Lac)
X06a	28-6	1048	14250	Wed	111666	MFSK-6	(Lac)
X06a	28-6	1100	14250	Wed	111666	MFSK-6	(HFD)
X06a	28-6	1143	18650	Wed	111666	MFSK-6	(Lac)
X06a	28-6	1211	14250	Wed	111666	MFSK-6	(Lac)
X06a	29-6	1052	14000	Thu	111666	MFSK-6	(Lac)
X06c	16-6	0836	14450	Fri	MFA Moscow clg 123456 (test call)	MFSK-6	(AB/RO)
X06c	16-6	0903	14450	Fri	MFA Moscow clg 123456 (test call)	MFSK-6	(AB/RO)
X06c	16-6	1147	14450	Fri	MFA Moscow clg 123456 (test call)	MFSK-6	(AB)
X06c	16-6	1203	14450	Fri	MFA Moscow clg 123456 (test call)	MFSK-6	(AB)
X06c	19-6	0719	12100	Mon	MFA Moscow clg 123456 (test call)	MFSK-6	(AB)
X06c	19-6	0753	14450	Mon	MFA Moscow clg 654321 (test call)	MFSK-6	(AB)
X06c	19-6	0810	12100	Mon	MFA Moscow clg 654321 (test call)	MFSK-6	(AB/RO)

X06c	19-6	0816	14450	Mon	MFA Moscow clg 654321 (test call)	MFSK-6	(AB/RO)
X06c	19-6	0824	18960	Mon	MFA Moscow clg 654321 (test call)	MFSK-6	(AB/RO)
X06c	19-6	1035	12100	Mon	MFA Moscow clg 123456 (test call)	MFSK-6	(AB)
X06c	19-6	1044	12100	Mon	MFA Moscow clg 123456 (test call)	MFSK-6	(Lac)
X06c	20-6	0631	12100	Tue	MFA Moscow clg 123456 (test call)	MFSK-6	(AB)
XPA1	2-6	1210	13545	Fri	511 511 511 1 00221 00098 96380 ... 01055 77059 35510	MFSK-20/10Bd	(MPJ/PY/HFD)
XPA1	2-6	1230	12145	Fri	511 511 511 1 00221 00098 96380 ... 01055 77059 35510	MFSK-20/10Bd	(MPJ/PY/HFD)
XPA1	2-6	1250	11145	Fri	511 511 511 1 00221 00098 96380 ... 01055 77059 35510	MFSK-20/10Bd	(MPJ/PY/HFD)
XPA1	7-6	1210	13545	Wed	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(MPJ/PY)
XPA1	7-6	1230	12145	Wed	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(MPJ/PY)
XPA1	7-6	1250	11145	Wed	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(MPJ/PY)
XPA1	9-6	1210	13545	Fri	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(AB/MPJ/OWL)
XPA1	9-6	1230	12145	Fri	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(AB/MPJ/OWL)
XPA1	9-6	1250	11145	Fri	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(AB/MPJ)
XPA1	14-6	1210	13545	Wed	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(AB)
XPA1	14-6	1230	12145	Wed	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(AB)
XPA1	14-6	1250	11145	Wed	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(AB)
XPA1	16-6	1210	13545	Fri	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(AB)
XPA1	16-6	1230	12145	Fri	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(AB)
XPA1	16-6	1250	11145	Fri	511 511 511 1 00167 00078 06783 ... 99240 41282 74043	MFSK-20/10Bd	(AB)
XPA1	21-6	1210	13545	Wed	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA1	21-6	1230	12145	Wed	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA1	21-6	1250	11145	Wed	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA1	23-6	1210	13545	Fri	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA1	23-6	1230	12145	Fri	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA1	23-6	1250	11145	Fri	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA1	28-6	1210	13545	Wed	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA1	28-6	1230	12145	Wed	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA1	28-6	1250	11145	Wed	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA1	30-6	1210	13545	Fri	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA1	30-6	1230	12145	Fri	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA1	30-6	1250	11145	Fri	511 511 511 1 00471 00090 04223 ... 76307 93554 52464	MFSK-20/10Bd	(AB)
XPA2	1-6	0500	10315	Thu	Null message	MFSK-16/20Bd	(HFD)
XPA2	1-6	0520	11115	Thu	Null message	MFSK-16/20Bd	(PY/HFD)
XPA2	1-6	0540	12215	Thu	Null message	MFSK-16/20Bd	(PY/HFD)
XPA2	1-6	1100	15982	Thu	msg	MFSK-16/20Bd	(HFD)
XPA2	1-6	1120	14982	Thu	msg	MFSK-16/20Bd	(HFD)
XPA2	1-6	1140	13882	Thu	msg	MFSK-16/20Bd	(HFD)
XPA2	1-6	1600	13417	Thu	02073 00001 00000 32661	MFSK-16/20Bd	(MPJ/PY/HFD)
XPA2	1-6	1620	14817	Thu	02073 00001 00000 32661	MFSK-16/20Bd	(MPJ/HFD)
XPA2	1-6	1640	15917	Thu	02073 00001 00000 32661	MFSK-16/20Bd	(MPJ/HFD)
XPA2	2-6	0800	13373	Fri	Null message	MFSK-16/20Bd	(PY/HFD)

XPA2	2-6	0820	13973	Fri	Null message	MFSK-16/20Bd	(PY/HFD)
XPA2	2-6	0840	14973	Fri	Null message	MFSK-16/20Bd	(PY/HFD)
XPA2	2-6	1100	15874	Fri	09608 00045 66698 41935 68283 ... 41822 78548 80338 31088 51467	MFSK-16/20Bd	(MPJ)
XPA2	2-6	1120	14474	Fri	09608 00045 66698 41935 68283 ... 41822 78548 80338 31088 51467	MFSK-16/20Bd	(MPJ)
XPA2	2-6	1140	13374	Fri	09608 00045 66698 41935 68283 ... 41822 78548 80338 31088 51467	MFSK-16/20Bd	(MPJ)
XPA2	2-6	1800	17474	Fri	00103 00218 44265 ... 84114 15604 5553	MFSK-16/20Bd	(SW)
XPA2	2-6	1820	16274	Fri	00103 00218 44265 ... 84114 15604 5553	MFSK-16/20Bd	(SW)
XPA2	2-6	1840	14574	Fri	00103 00218 44265 ... 84114 15604 5553	MFSK-16/20Bd	(SW)
XPA2	3-6	0910	13527	Sat	Null message	MFSK-16/20Bd	(Subilo/PY/HFD)
XPA2	3-6	0930	12227	Sat	Null message	MFSK-16/20Bd	(Subilo/PY/HFD)
XPA2	3-6	0950	11427	Sat	Null message	MFSK-16/20Bd	(HFD)
XPA2	3-6	1500	14892	Sat	01714 00001 00000 36652	MFSK-16/20Bd	(MPJ/PY)
XPA2	3-6	1520	13492	Sat	01714 00001 00000 36652	MFSK-16/20Bd	(MPJ/PY)
XPA2	3-6	1540	12192	Sat	01714 00001 00000 36652	MFSK-16/20Bd	(MPJ/PY)
XPA2	4-6	0800	13373	Sun	Null message	MFSK-16/20Bd	(PY)
XPA2	4-6	2100	13427	Sun	02940 00001 00000 35655	MFSK-16/20Bd	(RL/qsr711/HFD)
XPA2	4-6	2120	12227	Sun	02940 00001 00000 35655	MFSK-16/20Bd	(HFD)
XPA2	4-6	2140	10827	Sun	02940 00001 00000 35655	MFSK-16/20Bd	(HFD)
XPA2	5-6	0700	12148	Mon	msg	MFSK-16/20Bd	(PY)
XPA2	5-6	0930	15812	Mon	msg	MFSK-16/20Bd	(PY)
XPA2	5-6	1500	14892	Mon	04077 00280 13371 ... 18502 42617 47611	MFSK-16/29Bd	(qsr711/HFD)
XPA2	5-6	1520	13492	Mon	04077 00280 13371 ... 18502 42617 47611	MFSK-16/29Bd	(qsr711/HFD)
XPA2	5-6	1540	12192	Mon	04077 00280 13371 ... 18502 42617 47611	MFSK-16/20Bd	(HFD)
XPA2	6-6	0500	10315	Tue	03409 00001 00000 37653	MFSK-16/20Bd	(AB/PY)
XPA2	6-6	0520	11115	Tue	03409 00001 00000 37653	MFSK-16/20Bd	(AB)
XPA2	6-6	0540	12215	Tue	03409 00001 00000 37653	MFSK-16/20Bd	(AB)
XPA2	6-6	1120	14474	Tue	msg	MFSK-16/20Bd	(PY)
XPA2	6-6	1620	14817	Tue	msg	MFSK-16/20Bd	(qsr711)
XPA2	6-6	2100	13427	Tue	08583 00063 95820 ... 57053 72675 00501	MFSK-16/20Bd	(RL/PY)
XPA2	6-6	2120	12227	Tue	08583 00063 95820 ... 57053 72675 00501	MFSK-16/20Bd	(RL)
XPA2	6-6	2140	10827	Tue	08583 00063 95820 ... 57053 72675 00501	MFSK-16/20Bd	(RL)
XPA2	7-6	0700	12148	Wed	msg	MFSK-16/20Bd	(PY)
XPA2	7-6	0910	17417	Wed	msg	MFSK-16/20Bd	(PY/HFD)
XPA2	7-6	0930	15812	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	7-6	0950	14504	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	7-6	1100	15982	Wed	msg	MFSK-16/20Bd	(PY)
XPA2	7-6	1800	17474	Wed	00438 00226 18415 ... 41852 34163 52435	MFSK-16/20Bd	(AB/MPJ/PY)
XPA2	7-6	1820	16274	Wed	00438 00226 18415 ... 41852 34163 52435	MFSK-16/20Bd	(AB/MPJ)
XPA2	7-6	1840	14574	Wed	00438 00226 18415 ... 41852 34163 52435	MFSK-16/20Bd	(AB)
XPA2	8-6	0500	10315	Thu	00582 00049 49797 ... 48184 65537 50017	MFSK-16/20Bd	(AB/PY)
XPA2	8-6	0520	11115	Thu	00582 00049 49797 ... 48184 65537 50017	MFSK-16/20Bd	(AB)
XPA2	8-6	0540	12215	Thu	00582 00049 49797 ... 48184 65537 50017	MFSK-16/20Bd	(AB)

XPA2	8-6	0910	13527	Thu	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB/PY)
XPA2	8-6	0930	12227	Thu	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB)
XPA2	8-6	0950	11427	Thu	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB)
XPA2	8-6	1100	15982	Thu	00112 00094 53791 ...29738 24501 76713	MFSK-16/20Bd	(AB/MPJ/PY)
XPA2	8-6	1120	14982	Thu	00112 00094 53791 ...29738 24501 76713	MFSK-16/20Bd	(AB/MPJ)
XPA2	8-6	1140	13882	Thu	00112 00094 53791 ...29738 24501 76713	MFSK-16/20Bd	(AB/MPJ)
XPA2	8-6	1600	13417	Thu	00327 00190 04943 ... 22611 87840 25454	MFSK-16/20Bd	(AB/MPJ/PY)
XPA2	8-6	1620	14817	Thu	00327 00190 04943 ... 22611 87840 25454	MFSK-16/20Bd	(AB/MPJ)
XPA2	8-6	1640	15917	Thu	00327 00190 04943 ... 22611 87840 25454	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-6	0800	13373	Fri	06936 00001 00000 40661	MFSK-16/20Bd	(AB/PY)
XPA2	9-6	0820	13973	Fri	06936 00001 00000 40661	MFSK-16/20Bd	(AB)
XPA2	9-6	0840	14973	Fri	06936 00001 00000 40661	MFSK-16/20Bd	(AB/PY)
XPA2	9-6	1100	15874	Fri	06110 00091 48918 ... 48789 17247 71746	MFSK-16/20Bd	(AB/HM/PY/HFD)
XPA2	9-6	1120	14474	Fri	06110 00091 48918 ... 48789 17247 71746	MFSK-16/20Bd	(AB/HFD)
XPA2	9-6	1140	13374	Fri	06110 00091 48918 ... 48789 17247 71746	MFSK-16/20Bd	(AB/HFD)
XPA2	9-6	1800	17474	Fri	00438 00226 18415 ... 41852 34163 52435	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	9-6	1820	16274	Fri	00438 00226 18415 ... 41852 34163 52435	MFSK-16/20Bd	(AB/MPJ/RL/PY/HFD)
XPA2	9-6	1840	14575	Fri	00438 00226 18415 ... 41852 34163 52435	MFSK-16/20Bd	(AB/MPJ/RL/HFD)
XPA2	10-6	0910	13527	Sat	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB/Subilo)
XPA2	10-6	0930	12227	Sat	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB)
XPA2	10-6	0950	11427	Sat	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB)
XPA2	10-6	1500	14892	Sat	04077 00280 13371 ... 18502 42617 47611	MFSK-16/20Bd	(AB/MPJ/PY)
XPA2	10-6	1520	13492	Sat	04077 00280 13371 ... 18502 42617 47611	MFSK-16/20Bd	(AB/MPJ)
XPA2	10-6	1540	12192	Sat	04077 00280 13371 ... 18502 42617 47611	MFSK-16/20Bd	(AB/MPJ)
XPA2	11-6	0800	13373	Sun	06148 00109 53535 ... 43901 85728 15402	MFSK-16/20Bd	(AB)
XPA2	11-6	0820	13973	Sun	06148 00109 53535 ... 43901 85728 15402	MFSK-16/20Bd	(AB)
XPA2	11-6	0840	14973	Sun	06148 00109 53535 ... 43901 85728 15402	MFSK-16/20Bd	(AB)
XPA2	11-6	2100	13427	Sun	08583 00063 95820 ... 57053 72675 00501	MFSK-16/20Bd	(AB)
XPA2	11-6	2120	12227	Sun	08583 00063 95820 ... 57053 72675 00501	MFSK-16/20Bd	(AB)
XPA2	11-6	2140	10827	Sun	08583 00063 95820 ... 57053 72675 00501	MFSK-16/20Bd	(AB/RL)
XPA2	12-6	0700	12148	Mon	06072 00090 16147 ... 86207 38426 02232	MFSK-16/20Bd	(AB)
XPA2	12-6	0720	13448	Mon	06072 00090 16147 ... 86207 38426 02232	MFSK-16/20Bd	(AB)
XPA2	12-6	0740	13948	Mon	06072 00090 16147 ... 86207 38426 02232	MFSK-16/20Bd	(AB)
XPA2	12-6	0910	17417	Mon	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)
XPA2	12-6	0930	15812	Mon	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)
XPA2	12-6	0950	14504	Mon	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)
XPA2	12-6	1500	14892	Mon	04865 00001 00000 37662	MFSK-16/20Bd	(AB)
XPA2	12-6	1520	13492	Mon	04865 00001 00000 37662	MFSK-16/20Bd	(AB)
XPA2	12-6	1540	12192	Mon	04865 00001 00000 37662	MFSK-16/20Bd	(AB)
XPA2	13-6	0500	10315	Tue	00582 00049 49797 ... 48184 65537 50017	MFSK-16/20Bd	(AB)
XPA2	13-6	0520	11115	Tue	00582 00049 49797 ... 48184 65537 50017	MFSK-16/20Bd	(AB)
XPA2	13-6	0540	12215	Tue	00582 00049 49797 ... 48184 65537 50017	MFSK-16/20Bd	(AB)



XPA2	13-6	0850	11431	Tue	07638 00067 23050 ... 09972 72000 05471	MFSK-16/20	(PY/AB)
XPA2	13-6	0950	11431	Tue	06331 00079 53183 ... 21483 34905 55302	MFSK-16/20	(PY/AB)
XPA2	13-6	1050	11431	Tue	02250 00054 42036 ... 86800 12763 47244	MFSK-16/20	(AB)
XPA2	13-6	1100	15874	Tue	01928 00001 00000 41653	MFSK-16/20Bd	(AB/MPJ)
XPA2	13-6	1120	14474	Tue	01928 00001 00000 41653	MFSK-16/20Bd	(AB/MPJ)
XPA2	13-6	1140	13374	Tue	01928 00001 00000 41653	MFSK-16/20Bd	(AB/MPJ)
XPA2	13-6	1150	11431	Tue	01859 00078 09069 ... 09083 55781 50120	MFSK-16/20	(AB)
XPA2	13-6	1600	13417	Tue	06775 00001 00000 37265	MFSK-16/20Bd	(AB/MPJ)
XPA2	13-6	1620	14817	Tue	06775 00001 00000 37265	MFSK-16/20Bd	(AB/MPJ)
XPA2	13-6	1640	15917	Tue	06775 00001 00000 37265	MFSK-16/20Bd	(AB/MPJ)
XPA2	13-6	2100	13427	Tue	02364 00001 00000 34660	MFSK-16/20Bd	(AB/RL)
XPA2	13-6	2120	12227	Tue	02364 00001 00000 34660	MFSK-16/20Bd	(AB/RL)
XPA2	13-6	2140	10827	Tue	02364 00001 00000 34660	MFSK-16/20Bd	(AB/RL)
XPA2	14-6	0700	12148	Wed	06072 00090 16147 ... 86207 38426 02232	MFSK-16/20Bd	(AB)
XPA2	14-6	0720	13448	Wed	06072 00090 16147 ... 86207 38426 02232	MFSK-16/20Bd	(AB)
XPA2	14-6	0740	13948	Wed	06072 00090 16147 ... 86207 38426 02232	MFSK-16/20Bd	(AB)
XPA2	14-6	0910	17417	Wed	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)
XPA2	14-6	0930	15812	Wed	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)
XPA2	14-6	0950	14504	Wed	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)
XPA2	14-6	1100	15982	Wed	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-6	1120	14982	Wed	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-6	1140	13882	Wed	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-6	1800	17474	Wed	01070 00001 00000 31260	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-6	1820	16274	Wed	01070 00001 00000 31260	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-6	1840	14574	Wed	01070 00001 00000 31260	MFSK-16/20Bd	(AB/MPJ)
XPA2	15-6	0500	10315	Thu	04978 00001 00000 41663	MFSK-16/20Bd	(AB)
XPA2	15-6	0520	11115	Thu	04978 00001 00000 41663	MFSK-16/20Bd	(AB)
XPA2	15-6	0540	12215	Thu	04978 00001 00000 41663	MFSK-16/20Bd	(AB)
XPA2	15-6	0910	13527	Thu	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB)
XPA2	15-6	0930	12227	Thu	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB)
XPA2	15-6	0950	11427	Thu	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB)
XPA2	15-6	1100	15982	Thu	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB)
XPA2	15-6	1120	14982	Thu	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB)
XPA2	15-6	1140	13882	Thu	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB)
XPA2	15-6	1600	13417	Thu	02539 00001 00000 40255	MFSK-16/20Bd	(AB)
XPA2	15-6	1620	14817	Thu	02539 00001 00000 40255	MFSK-16/20Bd	(AB)
XPA2	15-6	1640	15917	Thu	02539 00001 00000 40255	MFSK-16/20Bd	(AB)
XPA2	16-6	0800	13373	Fri	06148 00109 53535 ... 43901 85728 15402	MFSK-16/20Bd	(AB)
XPA2	16-6	0820	13973	Fri	06148 00109 53535 ... 43901 85728 15402	MFSK-16/20Bd	(AB)
XPA2	16-6	0840	14973	Fri	06148 00109 53535 ... 43901 85728 15402	MFSK-16/20Bd	(AB)
XPA2	16-6	1100	15874	Fri	08131 00001 00000 32263	MFSK-16/20Bd	(AB)
XPA2	16-6	1120	14474	Fri	08131 00001 00000 32263	MFSK-16/20Bd	(AB)

XPA2	16-6	1140	13374	Fri	08131 00001 00000 32263	MFSK-16/20Bd	(AB)
XPA2	16-6	1800	17474	Fri	03037 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	16-6	1820	16274	Fri	03037 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	16-6	1840	14575	Fri	03037 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	17-6	0910	13527	Sat	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB)
XPA2	17-6	0930	12227	Sat	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB)
XPA2	17-6	0950	11427	Sat	00478 00109 29496 ... 48897 82602 23760	MFSK-16/20Bd	(AB)
XPA2	17-6	1500	14892	Sat	01519 00001 00000 40252	MFSK-16/20Bd	(AB/MPJ)
XPA2	17-6	1520	13492	Sat	01519 00001 00000 40252	MFSK-16/20Bd	(AB/MPJ)
XPA2	17-6	1540	12192	Sat	01519 00001 00000 40252	MFSK-16/20Bd	(AB/MPJ)
XPA2	18-6	0800	13373	Sun	Off during the intro	MFSK-16/20Bd	(AB)
XPA2	18-6	0820	13973	Sun	06148 00109 53535 ... 43901 85728 15402	MFSK-16/20Bd	(AB)
XPA2	18-6	0840	14973	Sun	06148 00109 53535 ... 43901 85728 15402	MFSK-16/20Bd	(AB)
XPA2	18-6	2100	13427	Sun	01434 00001 00000 35254	MFSK-16/20Bd	(AB)
XPA2	18-6	2120	12227	Sun	01434 00001 00000 35254	MFSK-16/20Bd	(AB)
XPA2	18-6	2140	10827	Sun	01434 00001 00000 35254	MFSK-16/20Bd	(AB)
XPA2	19-6	0700	12148	Mon	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)
XPA2	19-6	0720	13448	Mon	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)
XPA2	19-6	0740	13948	Mon	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)
XPA2	19-6	0910	17417	Mon	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)
XPA2	19-6	0930	15812	Mon	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)
XPA2	19-6	0950	14504	Mon	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)
XPA2	19-6	1500	14892	Mon	05204 00300 27920 ... 17884 17381 66474	MFSK-16/20Bd	(AB)
XPA2	19-6	1520	13492	Mon	05204 00300 27920 ... 17884 17381 66474	MFSK-16/20Bd	(AB)
XPA2	19-6	1540	12192	Mon	05204 00300 27920 ... 17884 17381 66474	MFSK-16/20Bd	(AB)
XPA2	20-6	0500	10315	Tue	06637 00001 00000 37661	MFSK-16/20Bd	(AB)
XPA2	20-6	0520	11115	Tue	06637 00001 00000 37661	MFSK-16/20Bd	(AB)
XPA2	20-6	0540	12215	Tue	06637 00001 00000 37661	MFSK-16/20Bd	(AB)
XPA2	20-6	1100	15874	Tue	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB)
XPA2	20-6	1120	14474	Tue	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB)
XPA2	20-6	1140	13374	Tue	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB)
XPA2	20-6	1600	13417	Tue	09534 00241 90013 ... 57308 62554 35010	MFSK-16/20Bd	(AB)
XPA2	20-6	1620	14817	Tue	09534 00241 90013 ... 57308 62554 35010	MFSK-16/20Bd	(AB)
XPA2	20-6	1640	15917	Tue	09534 00241 90013 ... 57308 62554 35010	MFSK-16/20Bd	(AB)
XPA2	20-6	2100	13427	Tue	05652 00001 00000 35262	MFSK-16/20Bd	(AB/RL)
XPA2	20-6	2120	12227	Tue	05652 00001 00000 35262	MFSK-16/20Bd	(AB/RL)
XPA2	20-6	2140	10827	Tue	05652 00001 00000 35262	MFSK-16/20Bd	(AB/RL)
XPA2	21-6	0700	12148	Wed	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)
XPA2	21-6	0720	13448	Wed	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)
XPA2	21-6	0740	13948	Wed	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)
XPA2	21-6	0910	17417	Wed	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)
XPA2	21-6	0930	15812	Wed	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)

XPA2	21-6	0950	14504	Wed	04926 00155 95149 ... 26885 53601 15701	MFSK-16/20Bd	(AB)
XPA2	21-6	1100	15982	Wed	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB)
XPA2	21-6	1120	14982	Wed	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB)
XPA2	21-6	1140	13882	Wed	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB)
XPA2	21-6	1800	17474	Wed	07118 00098 85986 ... 76915 44160 72136	MFSK-16/20Bd	(AB/MPJ)
XPA2	21-6	1820	16274	Wed	07118 00098 85986 ... 76915 44160 72136	MFSK-16/20Bd	(AB/MPJ)
XPA2	21-6	1840	14574	Wed	07118 00098 85986 ... 76915 44160 72136	MFSK-16/20Bd	(AB/RL/MPJ)
XPA2	22-6	0500	10315	Thu	03310 00062 88282 ... 70006 38056 63660	MFSK-16/20Bd	(AB)
XPA2	22-6	0520	11115	Thu	03310 00062 88282 ... 70006 38056 63660	MFSK-16/20Bd	(AB)
XPA2	22-6	0540	12215	Thu	03310 00062 88282 ... 70006 38056 63660	MFSK-16/20Bd	(AB)
XPA2	22-6	0910	13527	Thu	00212 00125 40771 ... 99121 24068 74134	MFSK-16/20Bd	(AB)
XPA2	22-6	0930	12227	Thu	00212 00125 40771 ... 99121 24068 74134	MFSK-16/20Bd	(AB)
XPA2	22-6	0950	11427	Thu	00212 00125 40771 ... 99121 24068 74134	MFSK-16/20Bd	(AB)
XPA2	22-6	1100	15982	Thu	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB)
XPA2	22-6	1120	14982	Thu	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB)
XPA2	22-6	1140	13882	Thu	09770 00171 84958 ... 66876 80976 75117	MFSK-16/20Bd	(AB)
XPA2	22-6	1600	13417	Thu	09534 00241 90013 ... 57308 62554 35010	MFSK-16/20Bd	(AB)
XPA2	22-6	1620	14817	Thu	09534 00241 90013 ... 57308 62554 35010	MFSK-16/20Bd	(AB)
XPA2	22-6	1640	15917	Thu	09534 00241 90013 ... 57308 62554 35010	MFSK-16/20Bd	(AB)
XPA2	23-6	0800	13373	Fri	06148 00109 53535 ... 43901 85728 15402	MFSK-16/20Bd	(AB)
XPA2	23-6	0820	13973	Fri	06148 00109 53535 ... 43901 85728 15402	MFSK-16/20Bd	(AB)
XPA2	23-6	0840	14973	Fri	06148 00109 53535 ... 43901 85728 15402	MFSK-16/20Bd	(AB)
XPA2	23-6	1100	15874	Fri	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB)
XPA2	23-6	1120	14474	Fri	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB)
XPA2	23-6	1140	13374	Fri	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB)
XPA2	23-6	1800	17474	Fri	07118 00098 85986 ... 76915 44160 72136	MFSK-16/20Bd	(AB)
XPA2	23-6	1820	16274	Fri	07118 00098 85986 ... 76915 44160 72136	MFSK-16/20Bd	(AB)
XPA2	23-6	1840	14575	Fri	07118 00098 85986 ... 76915 44160 72136	MFSK-16/20Bd	(AB)
XPA2	24-6	0910	13527	Sat	00212 00125 40771 ... 99121 24068 74134	MFSK-16/20Bd	(AB)
XPA2	24-6	0930	12227	Sat	00212 00125 40771 ... 99121 24068 74134	MFSK-16/20Bd	(AB)
XPA2	24-6	0950	11427	Sat	00212 00125 40771 ... 99121 24068 74134	MFSK-16/20Bd	(AB)
XPA2	24-6	1500	14892	Sat	05204 00300 27920 ... 17884 17381 66474	MFSK-16/20Bd	(AB)
XPA2	24-6	1520	13492	Sat	05204 00300 27920 ... 17884 17381 66474	MFSK-16/20Bd	(AB)
XPA2	24-6	1540	12192	Sat	05204 00300 27920 ... 17884 17381 66474	MFSK-16/20Bd	(AB)
XPA2	25-6	0800	13373	Sun	06058 00001 00000 35263	MFSK-16/20Bd	(AB)
XPA2	25-6	0820	13973	Sun	06058 00001 00000 35263	MFSK-16/20Bd	(AB)
XPA2	25-6	0840	14973	Sun	06058 00001 00000 35263	MFSK-16/20Bd	(AB)
XPA2	25-6	2100	13427	Sun	00474 00044 98926 ... 84072 06295 24251	MFSK-16/20Bd	(AB)
XPA2	25-6	2120	12227	Sun	00474 00044 98926 ... 84072 06295 24251	MFSK-16/20Bd	(AB)
XPA2	25-6	2140	10827	Sun	00474 00044 98926 ... 84072 06295 24251	MFSK-16/20Bd	(AB)
XPA2	26-6	0700	12148	Mon	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)
XPA2	26-6	0720	13448	Mon	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)

XPA2	26-6	0740	13948	Mon	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)
XPA2	26-6	0910	17417	Mon	08328 00117 49886 ... 06571 12049 41052	MFSK-16/20Bd	(AB)
XPA2	26-6	0930	15812	Mon	08328 00117 49886 ... 06571 12049 41052	MFSK-16/20Bd	(AB)
XPA2	26-6	0950	14504	Mon	08328 00117 49886 ... 06571 12049 41052	MFSK-16/20Bd	(AB)
XPA2	26-6	1500	14892	Mon	02092 00001 00000 32263	MFSK-16/20Bd	(AB)
XPA2	26-6	1520	13492	Mon	02092 00001 00000 32263	MFSK-16/20Bd	(AB)
XPA2	26-6	1540	12192	Mon	02092 00001 00000 32263	MFSK-16/20Bd	(AB)
XPA2	27-6	0500	10315	Tue	03420 00062 88282 ... 70007 39057 73661	MFSK-16/20Bd	(AB)
XPA2	27-6	0520	11115	Tue	03420 00062 88282 ... 70007 39057 73661	MFSK-16/20Bd	(AB)
XPA2	27-6	0540	12215	Tue	03420 00062 88282 ... 70007 39057 73661	MFSK-16/20Bd	(AB)
XPA2	27-6	1100	15874	Tue	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB/MPJ-HNG)
XPA2	27-6	1120	14474	Tue	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB/MPJ-HNG)
XPA2	27-6	1140	13374	Tue	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB/MPJ-HNG)
XPA2	27-6	1600	13417	Tue	09026 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	27-6	1620	14817	Tue	09026 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	27-6	1640	15917	Tue	09026 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	27-6	2100	13427	Tue	00474 00044 98926 ... 84072 06295 24251	MFSK-16/20Bd	(AB)
XPA2	27-6	2120	12227	Tue	00474 00044 98926 ... 84072 06295 24251	MFSK-16/20Bd	(AB)
XPA2	27-6	2140	10827	Tue	00474 00044 98926 ... 84072 06295 24251	MFSK-16/20Bd	(AB)
XPA2	28-6	0700	12148	Wed	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)
XPA2	28-6	0720	13448	Wed	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)
XPA2	28-6	0740	13948	Wed	00105 00110 29861 ... 91696 96053 27735	MFSK-16/20Bd	(AB)
XPA2	28-6	0910	17417	Wed	08328 00117 49886 ... 06571 12049 41052	MFSK-16/20Bd	(AB)
XPA2	28-6	0930	15812	Wed	08328 00117 49886 ... 06571 12049 41052	MFSK-16/20Bd	(AB)
XPA2	28-6	0950	14504	Wed	08328 00117 49886 ... 06571 12049 41052	MFSK-16/20Bd	(AB)
XPA2	28-6	1100	15982	Wed	08259 00043 26543 ... 39126 03098 34771	MFSK-16/20Bd	(AB)
XPA2	28-6	1120	14982	Wed	08259 00043 26543 ... 39126 03098 34771	MFSK-16/20Bd	(AB)
XPA2	28-6	1140	13882	Wed	08259 00043 26543 ... 39126 03098 34771	MFSK-16/20Bd	(AB)
XPA2	28-6	1800	17474	Wed	01445 00196 81381 ... 99912 80123 60407	MFSK-16/20Bd	(AB/RL)
XPA2	28-6	1820	16274	Wed	01445 00196 81381 ... 99912 80123 60407	MFSK-16/20Bd	(AB/RL)
XPA2	28-6	1840	14574	Wed	01445 00196 81381 ... 99912 80123 60407	MFSK-16/20Bd	(AB/RL)
XPA2	29-6	0500	10315	Thu	05958 00001 00000 41662	MFSK-16/20Bd	(AB)
XPA2	29-6	0520	11115	Thu	05958 00001 00000 41662	MFSK-16/20Bd	(AB)
XPA2	29-6	0540	12215	Thu	05958 00001 00000 41662	MFSK-16/20Bd	(AB)
XPA2	29-6	0910	13527	Thu	00212 00125 40771 ... 99121 24068 74134	MFSK-16/20Bd	(AB)
XPA2	29-6	0930	12227	Thu	00212 00125 40771 ... 99121 24068 74134	MFSK-16/20Bd	(AB)
XPA2	29-6	0950	11427	Thu	00212 00125 40771 ... 99121 24068 74134	MFSK-16/20Bd	(AB)
XPA2	29-6	1100	15982	Thu	08259 00043 26543 ... 39126 03098 34771	MFSK-16/20Bd	(AB)
XPA2	29-6	1120	14982	Thu	08259 00043 26543 ... 39126 03098 34771	MFSK-16/20Bd	(AB)
XPA2	29-6	1140	13882	Thu	08259 00043 26543 ... 39126 03098 34771	MFSK-16/20Bd	(AB)
XPA2	29-6	1600	13417	Thu	05339 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	29-6	1620	14817	Thu	05339 00001 00000 37260	MFSK-16/20Bd	(AB)

XPA2	29-6	1640	15917	Thu	05339 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	30-6	0800	13373	Fri	03707 00001 00000 40253	MFSK-16/20Bd	(AB)
XPA2	30-6	0820	13973	Fri	03707 00001 00000 40253	MFSK-16/20Bd	(AB)
XPA2	30-6	0840	14973	Fri	03707 00001 00000 40253	MFSK-16/20Bd	(AB)
XPA2	30-6	1100	15874	Fri	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB)
XPA2	30-6	1120	14474	Fri	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB)
XPA2	30-6	1140	13374	Fri	09815 00165 60512 ... 67886 19192 07254	MFSK-16/20Bd	(AB)
XPA2	30-6	1800	17474	Fri	01445 00196 81381 ... 99912 80123 60407	MFSK-16/20Bd	(AB/RL)
XPA2	30-6	1820	16274	Fri	01445 00196 81381 ... 99912 80123 60407	MFSK-16/20Bd	(AB/RL)
XPA2	30-6	1840	14575	Fri	01445 00196 81381 ... 99912 80123 60407	MFSK-16/20Bd	(AB/RL)
XPB	3-6	1200	15876	Sat	Russian intel.	MFSK-16	(PY)
XPB	5-6	0500	11559	Mon	Russian intel.	MFSK-16	(PY)
XPB	5-6	1220	14376	Mon	Russian intel.	MFSK-16	(PY)
XPB	6-6	1310	19247	Tue	Russian intel.	MFSK-16	(PY)
XPB	7-6	1100	13876	Wed	Russian intel.	MFSK-16	(PY)
XPB1	2-6	1300	20047	Fri	Russian intel.	MFSK-16	(PY/HFD)
XPB1	2-6	1310	19247	Fri	Russian intel.	MFSK-16	(PY/HFD)
XPB1	2-6	1320	18247	Fri	Russian intel.	MFSK-16	(PY/HFD)
XPB1	2-6	1330	17447	Fri	Russian intel.	MFSK-16	(PY/HFD)
XPB1	2-6	1340	16247	Fri	Russian intel.	MFSK-16	(PY/HFD)
XPB1	2-6	1350	14947	Fri	Russian intel.	MFSK-16	(PY/HFD)
XPB1	3-6	1100	13876	Sat	Russian intel.	MFSK-16	(MPJ/Anon/PY/HFD)
XPB1	3-6	1120	12176	Sat	Russian intel.	MFSK-16	(Anon/HFD)
XPB1	3-6	1130	11576	Sat	Russian intel.	MFSK-16	(Anon/HFD)
XPB1	3-6	1140	10676	Sat	Russian intel.	MFSK-16	(Anon/HFD)
XPB1	3-6	1150	10276	Sat	Russian intel.	MFSK-16	(Anon/HFD)
XPB1	3-6	1200	15876	Sat	Russian intel.	MFSK-16	(HFD)
XPB1	3-6	1210	14876	Sat	Russian intel.	MFSK-16	(HFD)
XPB1	3-6	1220	14376	Sat	Russian intel.	MFSK-16	(HFD)
XPB1	3-6	1230	13976	Sat	Russian intel.	MFSK-16	(HFD)
XPB1	3-6	1240	13376	Sat	Russian intel.	MFSK-16	(HFD)
XPB1	3-6	1250	12176	Sat	Russian intel.	MFSK-16	(HFD)
XPB1	6-6	0500	11559	Tue	Russian intel.	MFSK-16	(AB/PY)
XPB1	6-6	0510	12159	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-6	0520	13459	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-6	0530	13959	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-6	0540	14459	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6-6	0550	14959	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9-6	1300	20047	Fri	Russian intel.	MFSK-16	(AB/MPJ/PY)
XPB1	9-6	1310	19247	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	9-6	1320	18247	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	9-6	1330	17447	Fri	Russian intel.	MFSK-16	(AB/MPJ)

XPB1	9-6	1340	16247	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	9-6	1350	14947	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10-6	1100	13876	Sat	Russian intel.	MFSK-16	(AB/PY)
XPB1	10-6	1110	13376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10-6	1120	12176	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10-6	1130	11576	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10-6	1140	10676	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10-6	1150	10276	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10-6	1200	15876	Sat	Russian intel.	MFSK-16	(AB/PY)
XPB1	10-6	1210	14876	Sat	Russian intel.	MFSK-16	(AB/PY)
XPB1	10-6	1220	14376	Sat	Russian intel.	MFSK-16	(AB/PY)
XPB1	10-6	1230	13876	Sat	Russian intel.	MFSK-16	(AB/PY)
XPB1	10-6	1240	13376	Sat	Russian intel.	MFSK-16	(AB/PY)
XPB1	10-6	1250	12176	Sat	Russian intel.	MFSK-16	(AB/PY)
XPB1	12-6	0500	11559	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12-6	0510	12159	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12-6	0520	13459	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12-6	0530	13959	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12-6	0540	14459	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12-6	0550	14959	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12-6	1200	15876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12-6	1210	14876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12-6	1220	14376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12-6	1230	13876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12-6	1240	13376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12-6	1250	12176	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-6	0500	11559	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-6	0510	12159	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-6	0520	13459	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-6	0530	13959	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-6	0540	14459	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-6	0550	14959	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-6	1300	20047	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-6	1310	19247	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-6	1320	18247	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-6	1330	17447	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-6	1340	16247	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13-6	1350	14947	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-6	1100	13876	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14-6	1110	13376	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14-6	1120	12176	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14-6	1130	11576	Wed	Russian intel.	MFSK-16	(AB)

XPB1	14-6	1140	10676	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14-6	1150	10276	Wed	Russian intel.	MFSK-16	(AB)
XPB1	16-6	1300	20047	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16-6	1310	19247	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16-6	1320	18247	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16-6	1330	17447	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16-6	1340	16247	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16-6	1350	14947	Fri	Russian intel.	MFSK-16	(AB)
XPB1	17-6	1100	13876	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-6	1110	13376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-6	1120	12176	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-6	1130	11576	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-6	1140	10676	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-6	1150	10276	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-6	1200	15876	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	17-6	1210	14876	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-6	1220	14376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-6	1230	13876	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-6	1240	13376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-6	1250	12176	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-6	0500	11559	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-6	0510	12159	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-6	0520	13459	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-6	0530	13959	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-6	0540	14459	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-6	0550	14959	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-6	1200	15876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-6	1210	14876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-6	1220	14376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-6	1230	13876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-6	1240	13376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	19-6	1250	12176	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-6	0500	11559	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-6	0510	12159	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-6	0520	13459	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-6	0530	13959	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-6	0540	14459	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-6	0550	14959	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-6	1300	20047	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-6	1310	19247	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-6	1320	18247	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-6	1330	17447	Tue	Russian intel.	MFSK-16	(AB)

XPB1	20-6	1340	16247	Tue	Russian intel.	MFSK-16	(AB)
XPB1	20-6	1350	14947	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-6	1100	13876	Wed	Russian intel.	MFSK-16	(AB)
XPB1	21-6	1110	13376	Wed	Russian intel.	MFSK-16	(AB)
XPB1	21-6	1120	12176	Wed	Russian intel.	MFSK-16	(AB)
XPB1	21-6	1130	11576	Wed	Russian intel.	MFSK-16	(AB)
XPB1	21-6	1140	10676	Wed	Russian intel.	MFSK-16	(AB)
XPB1	21-6	1150	10276	Wed	Russian intel.	MFSK-16	(AB)
XPB1	23-6	1300	20047	Fri	Russian intel.	MFSK-16	(AB)
XPB1	23-6	1310	19247	Fri	Russian intel.	MFSK-16	(AB)
XPB1	23-6	1320	18247	Fri	Russian intel.	MFSK-16	(AB)
XPB1	23-6	1330	17447	Fri	Russian intel.	MFSK-16	(AB)
XPB1	23-6	1340	16247	Fri	Russian intel.	MFSK-16	(AB)
XPB1	23-6	1350	14947	Fri	Russian intel.	MFSK-16	(AB)
XPB1	24-6	1100	13876	Sat	Russian intel.	MFSK-16	(AB)
XPB1	24-6	1110	13376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	24-6	1120	12176	Sat	Russian intel.	MFSK-16	(AB)
XPB1	24-6	1130	11576	Sat	Russian intel.	MFSK-16	(AB)
XPB1	24-6	1140	10676	Sat	Russian intel.	MFSK-16	(AB)
XPB1	24-6	1150	10276	Sat	Russian intel.	MFSK-16	(AB)
XPB1	24-6	1200	15876	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	24-6	1210	14876	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	24-6	1220	14376	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	24-6	1230	13876	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	24-6	1240	13376	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	24-6	1250	12176	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	26-6	0500	11559	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-6	0510	12159	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-6	0520	13459	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-6	0530	13959	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-6	0540	14459	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-6	0550	14959	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-6	1200	15876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-6	1210	14876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-6	1220	14376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-6	1230	13876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-6	1240	13376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	26-6	1250	12176	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-6	0500	11559	Tue	Russian intel.	MFSK-16	(AB)
XPB1	27-6	0510	12159	Tue	Russian intel.	MFSK-16	(AB)
XPB1	27-6	0520	13459	Tue	Russian intel.	MFSK-16	(AB)
XPB1	27-6	0530	13959	Tue	Russian intel.	MFSK-16	(AB)



<b>XPB1</b>	27-6	0540	14459	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-6	0550	14959	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-6	1300	20047	Tue	Russian intel.	MFSK-16	(AB/MPJ)
<b>XPB1</b>	27-6	1310	19247	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-6	1320	18247	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-6	1330	17447	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-6	1340	16247	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	27-6	1350	14947	Tue	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	28-6	1100	13876	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	28-6	1110	13376	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	28-6	1120	12176	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	28-6	1130	11576	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	28-6	1140	10676	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	28-6	1150	10276	Wed	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-6	1300	20047	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-6	1310	19247	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-6	1320	18247	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-6	1330	17447	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-6	1340	16247	Fri	Russian intel.	MFSK-16	(AB)
<b>XPB1</b>	30-6	1350	14947	Fri	Russian intel.	MFSK-16	(AB)

## CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-FIN	Ary Boender via remote rx Finland
AB-HNG	Ary Boender via remote rx Hungary
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-USA	Ary Boender via remote rx USA
Anon	Anonymous
AVX	AlphaVax, Germany
Dan	Daniel LU5EMM, Argentina
dragon	dragon47372 via Priyom
EL	EnryLol via Pryom
EW	Eddy Waters, Australia
F5JBR	F5JBR André, France
FSK1	FSK1
Fuzz	Fuzzball via Priyom
HFD	Hans-Friedrich Dumrese, Germany
HFD-J	Hans-Friedrich Dumrese via remote rx Japan
HFD-KWT	Hans-Friedrich Dumrese via remote rx Kuwait
HM	Hossemarino via Priyom
JPL	JPL, NB, Canada (and various remote rx)
JPL-RUS	JPL via remote rx Russia
Kalv	Kalvados
Lac	Lazycrypt
Lazo	Lazo via Priyom
linkz	Linkz, S.E. France
LuCa	Lunar Capital via Pryom
Moon	Moonlight (Dave AU)
MPJ	Jim, SW England
MPJ-AUT	Jim via remote rx Austria
MPJ-HNG	Jim via remote rx Hungary
MPJ-HOL	Jim via remote rx Netherlands
OWL	OWL via Priyom
Pigmon	Pigmon via Pryom
Pof	Pofistal_975 via Priyom
PY	Pierre Ynard, France and via remote rx
qsr711	QSR711
RL	Roberto Landolpho, Brazil
RO	Rando One, Sweden
RR2	Rich Ray, IL, USA
RXR	Romeo X-Ray 39
sse	ssemkaz via Priyom
Subilo	Subilo
SW	SW via Priyom
VSh	V. Shortwaver

# APPENDIX

## Designators of active stations

### Prefixes

E	English language
F	FSK (Frequency Shift Keying) modes
G	German language
HM	Hybrid modes
M(C)	Morse code (Chinese)
P	PSK modes. QPSK (Quadrature Phase Shift Keying) and BPSK (Binary Phase-Shift keying) modes
Q	4+4 QPSK mode
S	Slavic languages
SK	Various modes used by Cuba, incl. (B)PSK, WinDRM
UM(C)	Unid Morse station (Chinese)
V	Voice broadcasts in other languages
VC	Voice Chinese
XP	MFSK (polytone) modes

### Active voice stations

Code	Language	Origin	Related stations
E06	English	Russia	E06, S06, M14, F01, F06, F06a
E07	English	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
E11	English	Poland	E11, E11a, S11a, F03, P03
E11a	English	Poland	E11, E11a, S11a, F03, P03
S06	Russian	Russia	E06, S06, M14, F01, F06, F06a
S06b	Russian	Russia	E06, S06, M14, F01, F06, F06a
S06c	Russian	Russia	E06, S06, M14, F01, F06, F06a
S11a	Russian	Poland	E11, E11a, S11a, F03, P03
S25	Russian	Russia	
V07	Spanish	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
V13	Mandarin	Taiwan	
V26	Chinese	China	M95, Q26, V26
V28	Korean	North Korea	
VC01	Chinese	China	VC03, MC03
VC03	Chinese	China	VC01, MC03

### Active morse stations

Code	Mode	Origin	Related stations
M01	Morse	Russia	M01a
M01a	Morse	Russia	M01
M12	Morse	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
M14	Morse	Russia	E06, S06, M14, F01, F06, F06a
M21	Morse	Russia	M41
M22	Morse	Israel	
M23	Morse	France	
M41	Morse	Russia	M21
M51a	Morse	France	M51b
M51b	Morse	France	M51a
M76	Morse	?	
M89	Morse	China	
M95	Morse	China	M95, Q26, V26
MC03	Morse	China	VC01, VC03
UM03	Morse	China	
UM04	Morse	Bulgaria	PROMRCh daily schedule
UM10	Morse	?	

**Active digital stations**

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, S06, M14, F01, F06, F06a
F02	MFSK-4/150Bd/4000Hz	Russia	
F03	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
F06	FSK	Russia	E06, S06, M14, F01, F06, F06a
F06a	FSK	Russia	E06, S06, M14, F01, F06, F06a
F07	5xMFSK-16/10Bd/20Hz+250Bd BPSK bursts	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
HM01	Voice + WinDRM	Cuba	
M42	Various modes	Russia	
P03	BPSK, QPSK	Poland	E11, E11a, S11a, F03
P07	8xQSPK/62.5Bd/125Hz+250Bd BPSK bursts	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
Q26	4+4 QPSK	China	M95, Q26, V26
X06	MFSK-6	Russia	
XPA1	MFSK-20	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
XPA2	MFSK-16	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
XPB1	MFSK-16	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1

**Figures and words used by the various numbers stations**

**Cut numbers**

Chinese cut numbers (M89, M95, MC03, etc)      A U 3 4 5 6 7 D N T  
 1 2 3 4 5 6 7 8 9 0

M08a cut numbers                      A N D U W R I G M T  
 1 2 3 4 5 6 7 8 9 0

Q26 conversion                         F J B P G U Y M C W  
 0 1 2 3 4 5 6 7 8 9

Word	E11a	S11a	M03
Attention	Attention	Vnimanye	
Slash /	Oblique	Cirta	— . . . .
Out	Out	Konets	

Note: M03 and M08a are defunct.

Figure	English	French	German	Mandarin	Spanish	Russian	Arabic
0	Zero	Zero	Null	Ling	Cero	Null	Sifr
1	One	Un	Eins	Yi	Uno	Odín	Wahid
2	Two	Deux	Zwei	Er	Dos	Dva	Itnien
3	Three	Trois	Drei	San	Tres	Tri	Talata
4	Four	Quatre	Vier	Si	Cuatro	Chety're	Arba`a
5	Five	Cinq	Fünf	Wu	Cinco	Pyat'	Xamsa
6	Six	Six	Sechs	Liu	Seis	Shest'	Sitta
7	Seven	Sept	Sieben	Qi	Siete	Sem'	Sab`a
8	Eight	Huit	Acht	Ba	Ocho	Vósem'	Tamanya
9	Nine	Neuf	Neun	Jiu	Nueve	Dévyat'	Tiss`a

Figure	Morse	Vietnamese	E17z	S11a	G06	E11
0	— — — — —	Số không	Zero	Nul	Null	Zero
1	. — — — —	Một	Van	Adinka	Eins	One
2	.. — — —	Hai	To	Dwojka	Twso	Two
3	... — —	Ba	Fwee	Trojka	Drei	Three
4	.... —	Bô'n	Fo	Cienciorka	Vier	Four
5	.....	Năm	Fav	Pietiorika	Funuf	Fiver
6	— .....	Sáu	Six	Szest	Sechs	Six
7	— — .....	Ba y	Seven	Siem	Sieben	Seven
8	— — — ..	Tám	Eight	Wosiem	Acht	Eight
9	— — — — .	Chín	Nine	Diewiet	Neugen	Niner
=	— .....					
/	— .....					

## Morse characters

A	. -	1	. - - - -	Full stop (period)	[ . ]	. - . - . -
B	- . . .	2	. . - - -	Comma	[ , ]	- . . - . -
C	- . . .	3	. . . - -	Colon	[ : ]	- - - . . .
D	- . .	4	. . . . -	Question mark	[ ? ]	. . - - . .
E	.	5	. . . . .	Exclamation mark	[ ! ]	- . - . - -
F	. . - .	6	- . . . .	Apostrophe	[ ' ]	. - - - - .
G	- - .	7	- - . . .	Dash or Hyphen	[ - ]	- . . . . -
H	. . . .	8	- - - . .	Slash	[ / ]	- . . - .
I	. .	9	- - - - .	Left-hand bracket	[ ( ]	- . - - .
J	. - - -	0	- - - - -	Right-hand bracket	[ ) ]	- . - - - .
K	- . -			Quotation marks	[ " " ]	. - . . - .
L	. - . .			Equals sign	[ = ]	- . . . -
M	- -	Accented letters		Understood		. . . - .
N	- .	Ä	. - . -	Plus sign	[ + ]	. - . - .
O	- - -	Á	. - - - -	Invitation to transmit		- . -
P	. - - .	CH	- - - -	Wait	[ AS ]	. - . . .
Q	- - - .	É	. . - . .	End of Transmission	[ SK, VA ]	. . . - . -
R	. - .	Ö	- - - .	End of message	[ AR ]	. - . - .
S	. . .	Ü	. . - -	Starting signal		- . - . -
T	-			Multiplication sign	[ × ]	- . . -
U	. . -			At sign	[ @ ]	. - - . - .
V	. . . -			Break	[ BK ]	- . . - . -
W	. - -			Ampersand	[ & ]	. - . . .
X	- . . -					
Y	- . - -					
Z	- - . .					

See also  
<http://udxf.nl/Morse-document.pdf>  
<http://udxf.nl/Russian.pdf>

## E11 family digital transmission modes.

Most modes are very much the same and have only very small differences.

### FSK transmissions

F03	Undefined FSK
F03a	FSK-2 100Bd/200Hz/cf + 600Hz
F03b	FSK-2 200Bd/400Hz
F03c	FSK-2 400Bd/960Hz/cf +1120Hz/448-bit period
F03d	FSK-2 200Bd/400Hz/cf +600Hz/448-bit period
F03f	FSK-2 400Bd/800Hz/cf +1200Hz/496-bit period
F03i	FSK-2 100Bd/800Hz/cf +1200Hz/488-bit period
F03j	FSK-4 100Bd/400Hz/cf +1200Hz/448-bit period
F03k	FSK-2 400Bd/800Hz/cf +1200Hz/448-bit period
F03l	FSK-2 100Bd/200Hz/cf +700Hz/448-bit period
F11	FSK 100Bd/620Hz and FSK 100Bd/740Hz

### PSK transmissions

P03	Undefined PSK
P03a	BPSK 62.5Bd
P03b	QPSK 62.5Bd
P03c	BPSK 125Bd
P03d	QPSK 125Bd/448-bit period
P03e	QPSK 100Bd/488-bit period
P03f	QPSK 200Bd/496-bit period
P03g	BPSK 50Bd/464-bit period
P03h	BPSK 100Bd/512-bit period
P03i	BPSK 62.5Bd/464-bit period
P03j	QPSK 100Bd/504-bit period
P03k	BPSK 100Bd/480-bit period
P03l	QPSK 100Bd/464-bit period

### Notes:

- Bit Period is the time needed to transmit one bit
- Defunct modes F03a, F03b, F11, P03a, P03b, P03c

# COLOPHON

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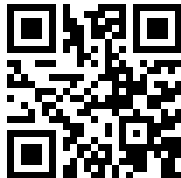
- NUMBERS & ODDITIES <http://www.numbersoddities.nl>
  - SPY NUMBERS ONLINE DATABASE <http://www.spynumbers.com/numbersDB>
  - UDXF - UTILITY DXERS FORUM <http://www.udxf.nl>
  - HF UNDERGROUND <http://www.hfunderground.com/board/>
  - PRIYOM <http://priyom.org/>
  - ENIGMA <http://www.signalshed.com/>
- NUMBERS STATIONS SCHEDULES <http://priyom.org/number-stations/station-schedule>

To become an UDXF member go to <https://groups.io/g/UDXF> and follow the instructions.

To become a Spooks member go to <http://mailman.gth.net/mailman/listinfo/spooks> fill in the form and follow the instructions that will be mailed to you.

676 27364 92866 89428 61288 74982 36498 32764 81276 81  
986 48932 70987 32123 49817 26346 81287 65491 87364 81  
721 75654 55656 12737 72727 72727 91918 63473 67867 76  
723 87629 37677 32612 53498 71296 28756 18276 98716 87  
7269 76329 74698 76857 98678 27681 56781 57681 73648 11  
791 87364 87265 96718 27638 12673 84769 28743 98127 7  
8 63298 75698 27465 87326 49876 28376 81273 98615 86  
67 87432 74328 78674 29867 32867 67867 86786 43276 498  
57 68768 68763 34234 34238 68768 62342 48273 48768 234  
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