

27364	92836	89428	81268	74982	86498	32784	31277
40932	70987	32123	49817	26346	81287	65491	87364
75654	55656	12737	72727	72727	91918	63473	67867
87629	37677	32612	53498	71296	28756	18276	98716
76329	74698	76857	98670	27601	56701	57601	73648
87364	87265	96710	27630	12673	84769	28743	98127
63298	75698	27465	87326	49876	28376	81273	98615
87432	74328	78674	29867	32867	67867	86786	43286
68768	68763	34234	34238	68768	62342	48273	48768
98432	32432	86743	43286	43286	43286	43286	43286
86743	86743	39867	32867	86743	43286	43286	43243
86743	86743	86743	86743	86743	86743	86743	86743
98798	98754	98754	98754	98754	29867	67543	67986
87698	69876	87698	69876	87612	12341	34867	86798
43298	65656	56756	56123	32143	14321	32143	14321
58765	58765	76587	58765	76587	58765	76587	58756

Numbers & Oddities
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 a.k.a. *The Spooks Newsletter*
 The Spooks Newsletter
Edition #307, April 2023

Editor: Ary Boender email: udxf@udxf.nl
 Numbers & Oddities <http://www.numbersoddities.nl>

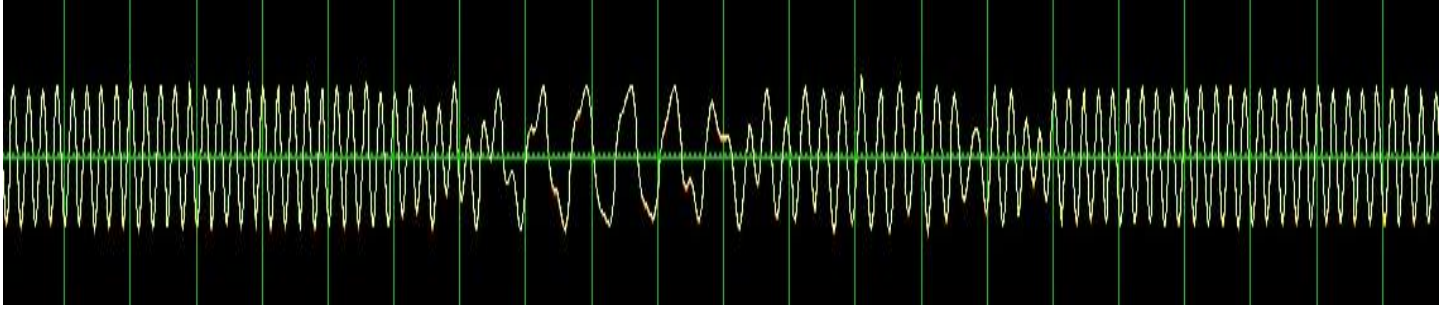
"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

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

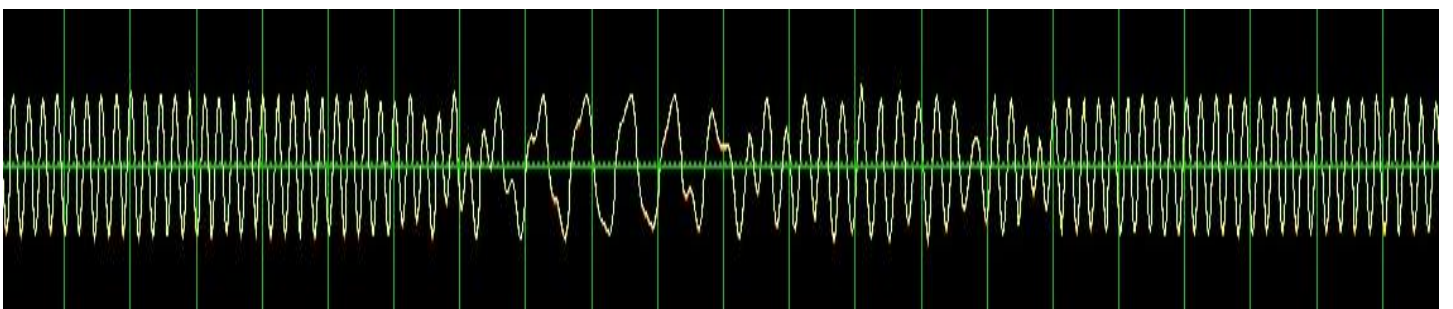


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FOREWORD

Hello and welcome to Numbers & Oddities #307.

As usual you will find a fair amount of logs and transcripts. Due to time constraints, there are fewer diplomatic logs than usual and no EAM logs.

The Russian exercises/tests that started in March continued during the first days of April. Among other things, we heard several V06 broadcasts and during the month also E06b and M14 tests. Both M23 and M76 were active in April.

Note that the May edition will appear later than normal. Depending on the circumstances I might decide to combine the May and June editions.

Enjoy and keep sending your logs.

VOICE STATIONS

E06

11487/9412 kHz, 01-04, 1300/1330 UTC

13945/11128 kHz, 02-04, 0930/1000 UTC

480 671 40

34507 52090 24544 08172 34242 12897 44405 90742 88350 16349

96209 52957 46195 69442 67819 76785 19672 16034 48159 48597

13982 31355 28220 76863 98143 60279 90337 71635 06269 35975

25259 82385 32074 31883 76448 05336 74694 70217 42945 94752

671 40 00000

11487/9412 kHz, 08-04, 1300/1330 UTC

13945/11128 kHz, 09-04, 0930/1000 UTC

480 765 40

58515 79072 08746 16733 74362 97127 16869 81013 09536 99271

29243 28098 58238 23854 97194 83190 65395 70045 46762 78824

91656 67421 97700 61483 28452 43208 78646 87173 43262 04389

93414 02570 83139 69087 69289 83691 63624 63391 83367 09893

765 40 00000

11487/9412 kHz, 15-04, 1300/1330 UTC

13945/11128 kHz, 16-04, 0930/1000 UTC

480 567 40

34415 80223 55958 41217 65183 29850 11428 29156 59073 50456

16597 38965 53912 84941 38489 09759 70477 07936 70893 69464

49623 44813 70895 95057 73628 13574 60178 05871 95713 54413

29604 26043 90696 91313 23879 33264 70090 05259 79739 54765

567 40 00000

11487/9412 kHz, 22-04, 1300/1330 UTC

13945/11128 kHz, 23-04, 0930/1000 UTC

480 967 44

38242 46045 16619 94601 82040 46795 69921 55941 15903 64313

91653 67421 97700 61483 28452 43208 78646 87173 43262 04309

72604 93390 46472 76509 47464 91755 34140 31170 87099 87476

50135 80378 77662 36926 77384 32258 43795 81190 22191 26184

16869 81013 09636 99271

967 44 00000

11487/9412 kHz, 29-04, 1300/1330 UTC
13945/11128 kHz, 30-04, 0930/1000 UTC

480 167 45
29892 12160 63004 98610 77027 77900 36870 19030 84027 99556
48826 40681 18838 64157 50440 33147 78759 64791 17214 63791
24926 19009 37644 43254 57917 06973 93248 07056 26795 68612
38242 46045 16619 94601 82040 46795 69921 55941 15903 64313
68128 53518 23246 76308 38133
167 45 00000

15645 kHz, 06-04, 0500 UTC
15645/17470 kHz, 07-04, 0500/0600 UTC

951 320 68
32183 44250 15357 48132 45850 35263 39569 94091 90668 13428
51810 17765 98230 81495 64841 53303 62519 09274 02081 64755
13520 70382 25166 02952 93646 93179 32308 16050 04199 61779
07136 12511 14024 28107 22724 99962 47571 20923 30474 48380
94527 62763 88553 51013 08228 30727 09568 81509 85015 22038
32161 70669 41756 10345 46233 51261 33672 03673 26449 44344
79704 39971 53744 85529 87584 81201 29506 14630
320 68 00000

15645/17465 kHz, 20-04, 0500/0600 UTC
15645/17470 kHz, 21-04, 0500/0600 UTC

951 723 60
89458 93968 20267 23748 56352 36674 56131 24508 56160 59762
12017 07241 91712 73838 98256 89106 11325 07961 72509 95298
00396 61361 67151 43713 03567 08010 80813 46440 50892 21193
70036 11732 86440 10295 01940 51151 22786 86985 53883 21581
69804 02977 71022 56786 11239 26555 17723 68212 27439 50074
83750 19712 87742 45585 31194 05884 60914 10804 93042 88710
723 60 00000

Group-count cycle net

11454/14456 kHz, 03-04/05-04, 0210/0310 UTC
03-04, 0310 UTC not monitored

537 482 36
63739 18306 63376 59236 62560 81861 29480 36741 11890 71808
67091 21114 99989 66827 31504 73264 28655 37109 54704 33271
74028 17152 53100 77792 67429 78654 35752 79926 88383 64447
17762 94945 87061 69393 68537 20351
482 36 00000

11454/14456 kHz, 10-04/11-04, 0210/0310 UTC

537 901 37
36923 32764 48427 48621 81858 48762 08765 70678 87254 17611
93885 58397 24993 44881 37490 84450 54304 81097 39041 55408
29305 78169 39712 60219 85152 38904 63666 45356 57492 33012
91850 52545 14901 78056 60505 80045 09002
901 37 00000

11454/14456 kHz, 17-04/18-04, 0210/0310 UTC

537 246 38
99815 56063 97793 03148 09760 48603 29561 82237 80993 56241
87887 88505 55328 92012 32835 71747 04184 00202 96749 23253
06833 66303 27781 62173 26002 13793 67495 92304 35528 61147
29746 65214 79752 37568 73008 10659 69339 80821
246 38 00000

11454/14456 kHz, 24-04/25-04, 0210/0310 UTC

537 801 39
13428 17580 29187 61900 26029 10352 79660 36299 53005 44264
65000 44915 20799 82469 30632 38188 73177 76691 74603 78499
57775 18685 98628 64147 89683 76945 85404 84656 71780 17118
94375 68384 76491 29527 93152 08344 18659 12275 66760
801 39 00000

15641/13392 kHz, 06-04/07-04, 0300/0400 UTC

361 759 30
80198 18461 71524 27173 89882 14969 69009 61862 62471 87566
50091 06862 31000 75919 60533 03159 36334 38917 42620 76312
51942 47300 42012 89470 42753 46685 66654 56642 25282 26946
759 30 00000

15641/13392 kHz, 13-04/14-04, 0300/0400 UTC No transmissions

15641/13392 kHz, 20-04/21-04, 0300/0400 UTC

361 408 32
38646 53215 69597 97629 35615 75711 57335 47664 17797 23142
59422 94377 90861 76472 18742 17498 54979 19243 41450 65057
11626 40347 54606 60328 91966 44719 03365 06495 74020 07868
67397 87533
408 32 00000

15641/13392 kHz, 27-04/28-04, 0300/0400 UTC

361 275 33
84910 53118 48251 67726 75998 55932 94010 29105 16395 78453
74443 96080 03759 19790 14163 12113 32317 10721 40283 53855
65783 47039 92882 02245 86548 04247 42211 47277 13324 94525
17323 49919 04430
275 33 00000

E06b

10755 kHz, 19-04, 1800 UTC

975 37852 (R3m45s)
975 975 [40s silence]
5 975 37852 (R1m30s) 261 40
24722 95754 85815 59937 21338 65833 18372 69394 8 [15s silence]
975 (R1m40s)
97 975 37852 (R30s)
975 [10s silence]
975 [15s silence]
975 (R1m05s)
59937 21338 65833 18372 69394 81109 23999
83470 66143 20731 98149 24482 61442 4327 [43s silence]
975 (R1m) 261 40 2975
975 (R1m)
66143 20731 98149 24482 61442 43273 15217 02206 65031
01209 30551 35564 57340 00771 70694 09191 96174 79202 37960
90096 68807 08981 50271 20607 25424 08768 14689 79760 54840
261 40 00000

Full recomposed message:

975 37852 261 40
24722 95754 85815 59937 21338 65833 18372 69394 81109 23999
83470 66143 20731 98149 24482 61442 43273 15217 02206 65031
01209 30551 35564 57340 00771 70694 09191 96174 79202 37960
90096 68807 08981 50271 20607 25424 08768 14689 79760 54840
261 40 00000

16331/15831/14831 kHz, 1410/1430/1450 UTC

16331/15831/14831 kHz, 01-04, 1410/1430/1450 UTC

893 893 893 1 136 88 136 88
 45344 90036 33939 35974 58849 46154 38283 69486 32329 80576
 69596 48699 22880 98123 40503 73550 20119 36509 07155 33382
 55499 06210 24508 07540 26296 06134 10980 75150 53409 27069
 62862 09679 64222 01882 82537 00116 62670 30563 05774 67719
 39554 61625 62640 70140 87564 32616 57768 09328 13300 58415
 24758 85277 32254 67278 17710 76105 21965 48134 33989 06587
 38531 95414 55847 73647 63093 18123 32786 78572 39722 62717
 28950 32967 84091 88090 55100 27634 70065 24692 72219 38606
 27791 79944 57301 76387 91683 26493 24255 03762 000 000

16331/15831/14831 kHz, 13-04/15-04, 1410/1430/1450 UTC

893 893 893 1 559 64 559 64
 08371 45457 53027 70020 18608 84006 74301 51273 28299 33268
 49460 62423 19178 30425 83144 66359 30966 84310 05515 57006
 10788 27434 83639 92352 01197 55596 07416 47461 91929 86434
 41196 73700 65305 60082 90348 87105 59830 54554 42797 45018
 27743 98823 21855 71445 85202 45324 60413 73119 94030 35762
 83141 78332 24115 01775 21587 47384 02286 68299 32294 00791
 91075 65832 69426 50571 000 000

16331/15831/14831 kHz, 27-04/29-04, 1410/1430/1450 UTC

893 893 893 1 343 94 343 94
 20284 69573 67278 35319 12871 57983 30251 18542 75759 96801
 31239 85235 87828 69860 48195 13562 67237 03418 09995 52559
 24407 56042 03262 39123 10897 68677 78950 76210 55268 74008
 81108 01136 05805 35631 02780 49596 04469 29577 05273 84093
 29879 32650 19141 57479 36850 29910 29283 18894 71470 86891
 93156 40834 99229 34601 21543 60499 23972 78760 74473 21479
 81485 11254 44951 96648 53642 65643 97135 42287 28305 99258
 40347 03588 10454 49759 06879 63473 41081 86452 21767 13681
 89778 84612 21814 28640 07593 47846 24640 48550 98683 96206
 55593 13144 40981 27847 000 000

16257/18257/19157 kHz, 1500/1520/1540 UTC

16257/18257/19157 kHz, 04-04/07-04, 1500/1520/1540 UTC**04-04, 1520 UTC: restart after group 22**

221 221 221 1 479 142 479 142
 33975 22691 87047 73196 70663 68636 09937 97379 87609 31248
 19403 57838 19236 40375 68578 48361 69896 65000 59193 77013
 42079 57531 19707 91185 74719 92387 62104 75688 59098 04271
 71103 03871 37266 96744 73867 99509 03258 33182 25643 05430
 13324 05325 70190 66934 12582 04816 40007 11486 58999 29354
 15016 54446 35503 06451 44929 06567 69713 92088 54776 14109
 50493 12129 42026 03677 84268 63248 30561 14319 57973 26509
 28442 72602 16552 69631 39335 89941 98504 35034 16499 88786
 80180 93846 30661 35033 87886 37867 39660 57880 06540 15884
 82902 43475 87459 56687 13836 63465 79213 97935 06550 86109
 31705 56786 90620 59542 97197 78915 54201 90876 17498 37872
 21871 02461 22960 31391 72752 47978 36019 01673 38840 83781
 31907 01574 80799 11429 77223 75155 33600 95744 22614 91907
 24294 11750 35181 23193 38746 72093 97456 70783 21280 55061
 31274 21363 000 000

16257/18257/19157 kHz, 18-04/21-04, 1500/1520/1540 UTC

221 221 221 1 374 121 374 121
25603 89999 63498 83601 78658 55076 98751 98842 89261 65304
41308 75103 70146 66639 79103 55900 97201 94706 48126 46904
77205 99721 92557 35246 36849 99591 19415 00720 20633 80294
27916 09452 07277 35630 19197 30164 03812 36739 74328 59617
21782 56169 39498 89579 90281 33516 28455 75576 64995 34460
05140 63038 31634 67745 19217 05809 01496 75910 87640 45677
28098 21924 14023 23655 92838 44668 64824 45283 99971 11915
77515 30072 57255 73931 46065 69064 94350 23303 30586 18043
84905 67050 75457 58366 88359 49690 82613 06624 51420 48762
44697 47742 45871 95939 17656 65216 17895 73304 57695 58086
68475 70670 65246 02630 11868 90057 63901 85677 25607 85018
96794 18605 81023 31693 89970 01132 39292 37574 77789 15347
69925 000 000

E11a

9079 kHz, 01-04, 0700 UTC

495/38 Attention
00496 45930 11804 68317 33986 12060 76207 58660 04358 80978
97273 09914 65242 65829 30266 62595 30796 68667 36180 19015
19179 12464 12257 68991 22113 34753 23308 77969 65165 09618
66955 43389 97793 32805 76156 90177 25041 53199
Attention (msg rptd) Out

5371 kHz, 03-04, 0450 UTC

411/37 Attention
94373 82665 26771 61097 89519 45505 05505 90776 70773 34553
88631 96971 99622 30862 92504 86103 24431 18444 27519 84504
11245 87378 07752 75475 77008 49825 78016 64264 68161 29247
48128 43478 57644 94427 18142 10511 46707
Attention (msg rptd) Out

7317 kHz, 03-04/06-04, 1900 UTC

644/35 Attention
74676 39967 74265 97724 17530 91580 33167 19509 33385 91415
26765 89162 99870 97396 14879 08616 02687 33866 23477 87467
49565 11349 01112 68149 35919 55596 41813 79768 00505 36172
96311 09109 71064 93904 65378
Attention (msg rptd) Out

8180 kHz, 04-04/07-04, 0700 UTC

576/38 Attention
03623 74620 12708 74404 78000 99117 88609 61200 20105 53838
42823 77697 40421 64676 06559 06601 94106 06001 70157 22825
22208 02885 44430 94081 19629 56524 36245 05806 64879 79837
38166 43271 24086 14570 60970 95110 77328 19183
Attention (msg rptd) Out

18168 kHz, 04-04/06-04, 0845 UTC

157/33 Attention
17122 85452 22922 73934 55330 72873 35891 45140 57188 96119
53250 20740 48188 13545 01655 33755 13460 60432 43956 17216
59177 65355 20556 47526 49924 75180 12440 88620 32750 63074
68442 24540 39767
Attention (msg rptd) Out

14972 kHz, 04-04/08-04, 1430 UTC

914/32 Attention

68157 75870 33630 72597 92729 75665 56218 13612 13780 41378
11114 66229 74265 37261 43396 54131 86893 59015 34257 43765
86927 70269 10503 30289 85658 20752 10693 83475 59524 98989
75613 71359

Attention (msg rptd) out

8680 kHz, 07-04/09-04, 0600 UTC

359/34 Attention

54888 96766 48044 77191 60372 80079 89196 56196 14913 18006
45091 28439 58039 41703 62705 47262 63610 07356 21640 16652
31637 72188 88018 52821 20868 21131 91270 87202 08535 49436
92792 16587 14067 06694

Attention (msg rptd) Out

4505 kHz, 08-04/09-04, 1530 UTC

368/32 Attention

38704 27247 50479 94306 00623 81757 42218 37034 95940 76843
97708 97097 93874 68849 37751 29306 75172 04944 22688 90641
22552 01615 32308 54260 71726 14505 98729 34643 13879 91593
98317 56808

Attention (msg rptd) Out

10213 kHz, 10-04, 0745 UTC

10330 kHz, 13-04, 1530 UTC

262/39 Attention

14488 47335 61011 09989 49773 76197 65735 76137 87473 88116
70453 56247 54616 64692 29729 15863 37470 15540 69526 28674
15761 47009 01256 78761 58174 95600 47811 75570 82150 07012
39832 79555 78743 96366 81772 88092 27197 50795 78224

Attention (msg rptd) Out

6940 kHz, 12-04/13-04, 0930 UTC

271/38 Attention

08534 57206 73355 86305 50172 48892 94204 64834 18879 76022
32371 78580 26981 14140 85970 66506 90136 91299 66497 64094
18122 52680 92357 69646 38906 46239 28757 01132 82424 29062
89983 02177 47021 63324 28788 88971 95399 18580

Attention (msg rptd) Out

6923 kHz, 12-04/14-04, 1715 UTC

975/37 Attention

07108 64450 50698 22255 57710 69991 76627 04537 41675 67551
68908 59535 58254 16015 38054 86413 90213 60742 96361 95067
79271 01525 00578 19698 96506 14754 57583 87034 85563 44572
23493 62206 27053 50174 19785 13856 85309

Attention (msg rptd) Out

4181 kHz, 12-04/15-04, 1910 UTC

399/33 Attention

89277 13078 34140 18870 04893 55397 00818 93281 29838 30556
97353 43198 80367 95508 25582 94461 18906 29898 19757 88978
44962 78839 47294 94469 09905 96280 82156 09450 62757 97952
46262 91057 80878

Attention (msg rptd) Out

11116 kHz, 14-04/16-04, 1815 UTC

927/38 Attention

23308 13292 99425 74937 17333 77179 12995 37411 55326 10639
06071 66252 75316 81663 92346 10908 17946 17184 16951 32260
88568 41437 25160 00614 23821 31437 33098 47986 45375 92172
42752 28893 08139 72640 32754 36417 55110 33294

Attention (msg rptd) Out

8530 kHz, 14-04/16-04, 1910 UTC

610/32 Attention

80095 41548 39413 98825 92069 82903 28047 67724 34634 60426
92385 13569 44827 24750 16310 47714 88079 06501 06664 00944
78568 68042 25408 41040 67580 44151 14856 25318 82319 55453
96814 82929

Attention (msg rptd) Out

11581 kHz, 17-04/18-04, 0315 UTC

258/39 Attention

03301 99292 11651 38732 55260 36180 62132 46155 19712 95993
51315 23299 68064 62830 76255 46196 77060 64006 56842 39651
26617 94680 69815 79763 37650 35164 84857 37172 75030 89530
59950 35535 53557 90105 29720 12778 45924 50886 27137

Attention (msg rptd) Out

20170 kHz, 17-04/21-04, 0830 UTC

189/29 Attention

15195 81487 80139 43599 75287 68180 74910 09286 84691 25662
00882 20103 05337 49301 23397 95855 41771 55475 70394 19070
34006 02131 14572 25578 20895 36824 58981 95644 21442

Attention (msg rptd) Out

5371 kHz, 17-04/20-04, 1300 UTC

319/35 Attention

65545 66959 44213 37046 30013 24819 76740 13545 66917 27189
06291 26946 37136 51572 43844 06732 87155 17395 77441 16202
14064 61213 31179 63721 55431 70953 59236 49702 89548 80941
47581 58081 68556 51975 65575

Attention (msg rptd) Out

13470 kHz, 17-04/23-04, 1745 UTC

249/37 Attention

60151 12578 11195 53600 85633 04901 29937 35149 05774 67852
33765 49918 87838 67768 54747 30273 80536 61335 17024 56533
15365 77267 49796 81513 66783 07213 82119 92380 26869 90135
56143 63677 14622 87855 45523 76356 21297

Attention (msg rptd) Out

9963 kHz, 18-04/21-04, 0715 UTC

630/35 Attention

10705 47454 19547 30443 80607 66334 36403 89322 86717 93974
68059 42023 19846 04323 38782 63909 77711 74700 14279 59620
42658 58332 61533 94888 32659 63772 78368 19689 95256 44625
82880 95909 00937 87574 58629

Attention (msg rptd) Out

14865 kHz, 18-04/20-04, 0745 UTC

227/33 Attention

95216 22516 15759 13062 79136 18826 66796 77656 24739 65343
75260 38932 33420 02777 32314 11050 68613 58517 65558 64189
67722 96784 79391 90364 32056 87366 05759 19309 84002 66184
93090 36462 39038

Attention (msg rptd) Out

19184 kHz, 18-04/19-04, 0820 UTC

136/32 Attention

47640 71971 25861 07737 95525 83258 13119 01514 40243 57608
02014 03598 36327 43942 89747 31306 21014 26956 51249 49845
60086 29407 43551 87022 36752 07750 88635 06543 60664 19589
55089 14746

Attention (msg rptd) Out

9951 kHz, 18-04/21-04, 1000 UTC

308/22 Attention

36500 98663 72043 55754 97195 65003 88221 30933 63062 20803
84837 95840 79613 74915 29776 11876 40385 61291 97770 42309
31874 59703

Attention (msg rptd) Out

12530 kHz, 18-04/20-04, 1230 UTC

331/36 Attention

77084 64579 60318 78005 67822 97197 10279 06087 61459 32051
61879 52616 77870 73518 04439 80766 99159 44128 02260 64438
67446 66976 23200 35530 08071 87517 00337 01947 36330 33184
10264 52431 69854 36810 42021 80291

Attention (msg rptd) Out

5176 kHz, 18-04/23-04, 1605 UTC

233/34 Attention

48400 98054 67760 40362 89854 61894 68578 02168 80787 05297
23183 94948 54101 54135 08144 21148 58657 29598 67641 10651
14521 71302 81149 24869 16860 76531 48731 53338 15072 65262
27965 47223 70067 01526

Attention (msg rptd) Out

5149 kHz, 20-04/21-04, 0820 UTC

438/32 Attention

01640 30148 59151 58459 81377 46937 64787 48446 45827 84630
95760 85886 47180 94896 66861 52397 92900 34046 74394 99362
67400 61523 10389 70499 46813 82743 26592 54289 35812 26929
15714 33139

Attention (msg rptd) Out

15632 kHz, 24-04/26-04, 0715 UTC

755/33 Attention

80049 10991 44906 37960 67349 13090 99086 22884 46100 09241
60521 71560 47473 58019 41340 70355 28077 08666 38090 49326
73602 13677 32534 27793 04949 03049 63700 35817 72394 72142
45443 13084 14677

Attention (msg rptd) Out

12202 kHz, 24-04/26-04, 0845 UTC

716/33 Attention

15643 23519 52534 78389 84127 84768 45066 66736 07312 63029
74134 51730 45739 15402 01715 11336 67727 25237 93731 72968
76569 87434 07450 16495 56615 06691 02647 19433 08581 47950
99305 69344 55602

Attention (msg rptd) Out

9968 kHz, 24-04/26-04, 0900 UTC

533/38 Attention

36847 07280 83211 63432 45210 82181 06054 56928 25085 40776
21432 92812 42660 20265 51056 27232 00929 53849 74038 31706
02111 41249 58591 50806 06896 28083 45301 09760 91218 78657
20253 65607 75198 81659 79331 37179 82043 64220

Attention (msg rptd) Out

10200 kHz, 24-04/26-04, 1045 UTC

698/31 Attention

13576 38501 08702 88291 81470 11859 58895 95968 88912 61018
79518 02872 37175 13135 56291 87971 28964 70785 87000 30561
75362 04457 61927 88759 18875 34776 21599 22702 92290 18472
74036

Attention (msg rptd) Out

8423 kHz, 25-04/27-04, 0645 USB

515/39 Attention

68276 52349 64406 17848 15166 93683 53245 68437 97918 94451
68574 60348 87706 81369 08518 35426 23509 98562 47863 07417
49923 05500 16294 44155 30065 93236 08647 52901 70807 17354
69210 39207 56394 15903 10076 31570 12933 20495 93194

Attention (msg rptd) Out

6923 kHz, 25-04/26-04, 1205 UTC

465/31 Attention

68686 01991 42426 92187 35318 96873 24003 92051 23497 66714
28369 51245 85657 91087 72482 44713 99062 60003 13788 34101
99686 19196 72610 06146 47569 98226 00554 72648 39643 14310
59841

Attention (msg rptd) Out

17410 kHz, 26-04/28-04, 0745 UTC

349/31 Attention

86590 42066 15412 98299 47658 56371 76013 42028 49215 59535
56535 51300 02245 24315 78270 83423 24294 53951 76338 31897
33350 36903 70791 88378 90044 61386 48265 68431 18368 70475
95190

Attention (msg rptd) Out

5737 kHz, 27-04/30-04, 2000 UTC

525/37 Attention

36541 86333 91191 86004 52598 37753 73867 69454 02907 59700
36890 45725 37268 96760 18997 41301 26178 55582 66952 31579
66156 21666 87035 33761 24661 64453 34399 71738 14871 68275
84467 30579 78687 48445 84988 01241 94719

Attention (msg rptd) Out

S06

13547/11073 kHz, 12-04, 0900/1000 UTC

480 931 42

26964 64582 70589 82923 26824 89765 58148 80068 26130 49585
12374 52666 98472 56009 61612 32882 66922 09444 32084 68156
93716 75140 80939 82960 24283 85906 67011 92711 84220 02044
85796 79127 01365 91883 34722 11922 39634 27120 73397 67790
68444 71952
931 42 00000

13547/11073 kHz, 19-04, 0900/1000 UTC

480 123 45

82278 69397 10380 76271 14863 88731 73774 73536 63766 95243
26968 41395 63128 96786 40981 20337 35927 48027 34648 30416
98984 84605 62433 92695 18405 48811 46057 69549 98345 46084
51275 56631 32823 01662 61147 39116 81816 88102 52005 49441
28064 45881 72465 94685 14422
123 45 00000

13547/11073 kHz, 26-04, 0900/1000 UTC

480 532 41
93502 03509 36186 95310 79960 07326 52160 18011 51109 63456
71343 84626 12319 77855 15874 69732 20702 50068 21427 56804
37428 93523 64082 66656 82322 41345 47287 45244 79990 55125
53932 84261 81065 15116 11647 59750 38171 67320 81254 14907
68700
532 41 00000

Exercises/tests

11073 kHz, 18-04, 1320 UTC. Test transmission

352 (R4m) 487 60
88970 32275 91030 8029
[22s silence] 352 (R1m) 487 60
88970 32275 91030 80290 50491 78563 16988 88021 05737 72017
41765 56366 54420 73570 56910 52510 54709 60271 53710 38038
15291 54339 12175 32604 07448 52302 90506 80032 89346 15179
19751 40307 59715 05630 33305 55877 83108 83020 85977
[7s silence] 352 (R1m40s) -52 352 (R50s)
05630 33305 55877 83108 83020 85877 (group corrected) 65707
53935 92330 42292
[5s silence] 352 (R1m) 52 352 (R2m) 3 352 (R30s)
85877 65707
53935 92330 43292 (group corrected) 65527-
[33s silence] [Windows XP ding system sound] 352 (R1m)
85877 65707
53935 92330 43292 65527 91453 07850 38707 37713 82901 17593
49461 99223 16961 59382 10706 41052 74743 44520 82637 57614
487 60 00000 [22s silence] 3

Full recomposed message:

352 487 60
88970 32275 91030 80290 50491 78563 16988 88021 05737 72017
41765 56366 54420 73570 56910 52510 54709 60271 53710 38038
15291 54339 12175 32604 07448 52302 90506 80032 89346 15179
19751 40307 59715 05630 33305 55877 83108 83020 85877 65707
53935 92330 43292 65527 91453 07850 38707 37713 82901 17593
49461 99223 16961 59382 10706 41052 74743 44520 82637 57614
487 60 00000 (after 22 secs: "3")

10755 kHz, 29-04, 1230 UTC

975 314 60
52549 16763 80114 02265 34832 05970 24402 61358 50510 45107
22150 52088 72600 90240 83631 50599 80723 08984 69462 47637
41961 78523 49430 86457 19153 20838 47365 30913 30065 92313
57978 93396 05884 69951 46610 77344 22457 01329 67827 13974
02733 10532 63810 97939 13819 77221 28453 51618 07119 31042
48128 72680 74961 28540 55056 44654 22181 04794 54198 15173
314 60 00000

11616/9322 kHz, 03-04, 0400/0420 UTC

480 769 55
67968 95261 34814 62668 50759 52130 72683 14466 96131 81539
85479 72347 80727 08857 85860 03679 36750 47035 73234 53711
06552 63280 35850 99804 32471 21990 34242 12381 80358 96145
26956 27303 20239 64359 24496 59377 12531 35738 82435 11640
73280 69778 69624 30147 16828 83466 72427 18935 99353 62768
20946 14837 11749 20705 48132
769 55 00000

11616/9322 kHz, 04-04, 0400/0420 UTC

480 125 63
82754 76245 32406 01114 30963 70779 42741 92177 38596 47356
01977 91514 58007 92732 43786 41879 49927 20292 58781 89869
89991 96471 95439 34281 29285 37220 11115 24956 07325 66658
34100 16804 40919 55133 22649 08688 37346 78855 31915 21859
05285 68308 24737 97635 61940 37610 87207 18999 59791 12023
34969 85807 81410 95792 21161 98313 75785 47510 81976 28663
34586 55178 80743 125 63 00000

11616/9322 kHz, 05-04, 0400/0420 UTC

480 397 51
95479 11395 40700 04929 84947 56086 75432 57552 55647 11475
81653 34151 61721 35258 57773 51462 85256 04941 01655 25435
14190 76090 45592 64884 04281 60986 93342 75385 92369 63624
38894 71868 53081 32011 71657 23337 16180 13667 97774 78158
86750 25306 32229 43350 35405 72599 41440 16313 50691 80981
41034
397 51 00000

11616/9322 kHz, 06-04, 0400/0420 UTC

480 261 55
49412 98209 45504 07424 13808 02420 17855 26350 97713 85430
35742 57218 95449 72226 66068 19378 02951 13455 91921 52572
15392 42301 40727 76405 18277 98650 48805 31941 89158 06479
92062 53860 52202 15397 37472 46630 52763 42294 95043 63109
44174 74018 74973 09034 03922 17031 79650 21823 21415 04962
85223 97129 24511 00030 92396
261 55 00000

11616/9322 kHz, 07-04, 0400/0420 UTC

480 357 61
29520 95928 40598 18424 61581 80858 86311 42048 03723 55320
95653 65217 58426 05817 46614 80304 74629 87469 41936 11640
02097 64595 55714 67269 43921 41995 33609 58771 49369 97907
01360 62573 14239 54561 61289 21225 80927 47256 81481 08030
55392 77926 07325 03513 83196 64106 50099 57128 51820 19249
32316 32663 11432 25324 94465 60775 31304 83644 92891 47086
34056
357 61 00000

11616/9322 kHz, 10-04, 0400/0420 UTC

480 961 52
15572 24118 92783 43436 46624 03729 77706 28080 98400 47499
31452 23518 70376 87453 62359 87533 06907 97584 76496 06018
90160 27293 88622 66502 01520 77116 44563 88815 68619 02677
84708 61307 40213 57790 03306 56077 56074 12672 83249 21644
04084 08182 11033 76496 81733 32034 01579 51952 04193 27927
87608 57786
981 52 00000

11616/9322 kHz, 11-04, 0400/0420 UTC

480 257 61
42056 40602 07518 38728 31489 71530 41435 06947 76984 77178
41287 68085 11093 85017 43041 70011 88360 18828 95840 84691
74848 15046 87515 54476 73301 17344 61203 93948 26138 60361
77765 20778 63475 78533 03701 14012 88344 00965 29228 23254
16314 18263 46234 77151 11688 32293 40771 64637 87473 24772
79797 87370 61311 05651 96837 06797 84543 27223 06260 34279
86618
25 761 00000

11616/9322 kHz, 12-04, 0400/0420 UTC

480 391 52
35741 82716 05584 61764 86276 23882 97098 64088 03178 42520
99542 15423 19789 47034 38295 34541 64320 25231 61164 79299
95171 89681 08908 18020 51580 99735 69063 17371 86795 96129
92765 45200 75960 09145 79230 11733 15885 26217 57617 97596
58898 29976 20928 42096 47982 42620 91652 90176 45347 37581
23838 21525
391 52 00000

11616/9322 kHz, 13-04, 0400/0420 UTC

480 265 70
48847 68720 69304 80474 13457 68323 39059 32770 16642 13407
13283 63070 39743 65335 47124 63702 02283 86148 47913 32032
69672 70845 05302 65302 46174 05956 53204 12220 51559 46555
22905 85954 04887 28930 75874 68267 63854 61079 24630 59425
93153 58224 79147 53612 60258 15537 79223 44512 82108 35254
98816 90760 71088 50382 33295 95940 53781 12160 05540 82820
60896 33492 51820 66515 11839 05516 73403 56267 42336 26505
265 70 00000

11616/9322 kHz, 14-04, 0400/0420 UTC

480 379 52
14229 11096 10561 93895 17528 79858 84359 56099 10889 39935
58818 37347 54779 12000 03983 96247 59109 04954 36103 47819
42795 07491 44241 40268 36389 95007 93530 15062 01215 19021
41044 29999 63443 71299 25189 49947 86548 39886 14580 34947
30577 99208 27320 80369 71672 01450 56628 88807 80294 61383
63752 78396
37952 00000

11616/9322 kHz, 17-03, 0400/0420 UTC

480 182 53
39189 05741 33894 65513 72337 47385 38699 57905 03369 84116
11392 72302 58832 22881 32671 17062 79813 40569 19291 12452
25152 93849 41974 23972 56783 39646 96544 61780 55655 08447
39230 00931 41638 97634 22052 02092 95888 77020 89256 37447
09078 23774 20716 51451 03951 28940 33241 11147 05632 42713
75744 25709 58117
182 53 00000

11616/9322 kHz, 18-04, 0400/0420 UTC

480 753 62
80178 84740 95868 43904 25087 56161 63048 08608 84712 95286
65903 70255 85965 47382 59347 21359 56121 47435 86363 92048
96887 34239 67162 89598 50759 25898 95461 73588 45586 86446
90334 08899 28312 38272 77069 63730 23803 00019 95455 44827
79716 54680 58963 87093 83342 77541 13231 39794 61349 78679
67312 16522 98382 39699 96105 01129 35450 49399 37424 26793
34023 68045
753 62 00000

11616/9322 kHz, 19-04, 0400/0420 UTC

480 192 56
90692 61829 27425 24799 82885 75637 07068 07972 83226 98052
14394 79351 06348 07195 39781 64725 25702 67853 69848 85545
65323 59071 69117 85975 28808 87758 91844 10807 82673 74285
53720 82705 36318 20979 18117 52203 85732 99473 76577 18882
13182 17840 28226 47189 60021 53445 87796 25321 14856 62464
76958 40600 84205 01993 78632 69810
192 56 00000

11616/9322 kHz, 20-04, 0400/0420 UTC

480 563 70
31073 23310 05900 88506 87948 32746 97412 62960 20726 79533
47724 05642 36142 98605 12714 77083 17510 84728 32211 81383
85091 13106 26736 18682 02264 88978 39272 62748 07180 24672
14231 24594 74603 67518 30830 88064 37609 27098 33035 28341
23826 75230 23283 49283 85930 17163 12159 00565 31055 57382
41213 60526 78816 08498 21121 95696 02642 16622 52349 32897
34082 01701 20538 04897 34809 36217 83775 55530 65960 10709
563 70 00000

11616/9322 kHz, 21-04, 0400/0420 UTC

480 197 52
12294 87677 12962 69431 68039 97585 28842 32770 65650 96374
07245 00865 55581 38555 06827 72545 34703 97014 09777 22503
70186 51245 06698 44443 09050 03793 22597 99809 15528 35865
38687 45518 03465 38040 89666 39121 55908 77006 41182 44856
49109 84279 77148 89015 23091 77822 51624 38061 65995 52525
84924 97933
197 52 00000

11616/9322 kHz, 24-04, 0400/0420 UTC

480 263 57
29954 01673 78794 14783 60315 09411 54461 64623 00162 27388
65701 65776 21606 67605 04723 15292 64959 81890 57003 47275
09309 83521 53165 10999 56857 37698 65084 70218 23233 81801
50932 47109 50926 61373 78823 59272 88075 92757 83768 23243
99758 88335 37617 22945 04002 05303 36667 66516 49676 03913
36654 79958 78481 26131 89769 11035 38195
263 57 00000

11616/9322 kHz, 25-04, 0400/0420 UTC

480 571 64
95401 87905 42568 34918 08497 43651 21388 73142 38504 79430
85524 02740 44642 68742 64556 57032 95643 40876 08028 74237
10110 01412 81702 47510 50474 20787 04159 76647 25263 64373
90896 57387 79354 62486 98155 69244 76901 43778 83627 47819
06626 80447 26248 52518 64161 18701 72263 65615 91131 92908
99747 83607 75660 46885 18767 86787 43990 10741 49379 97976
97900 06735 44649 66359
571 64 00000

11616/9322 kHz, 26-04, 0400/0420 UTC

480 239 61
09386 79119 81194 46349 09604 56271 81542 92409 18444 77841
99580 50241 29288 57980 17269 60666 76402 93777 23841 63779
04856 08592 01201 69662 42870 07885 70352 34287 00067 62656
84802 70274 40010 68948 81868 47204 00517 40136 27845 61165
60156 34660 17944 78233 74373 30115 16962 81555 29685 87961
51614 76742 89372 75762 90453 35246 29126 39125 72331 80411
86057
239 61 00000

11616/9322 kHz, 27-04, 0400/0420 UTC

480 567 52
65367 02310 42711 77497 11942 94752 26909 29014 25170 54254
66916 19960 26558 54928 41188 57051 96825 11084 49853 58873
93619 09563 95173 51943 00583 98828 45699 85233 68702 39463
07548 80335 35889 45795 51262 59454 35707 73317 67652 18429
31206 31592 51101 36951 34791 27344 33731 43186 00060 67400
18895 74973
567 52 00000

11616/9322 kHz, 28-04, 0400/0420 UTC

480 912 64

58616 96720 71916 90822 22760 08383 85639 39926 87811 16756
70305 13483 87891 84396 73532 98784 80431 78330 04744 89396
40560 85696 32127 63741 22763 65816 61735 74323 75772 68373
47147 89789 21609 72402 03132 57010 34733 25756 21757 75361
82215 89749 14374 00408 10899 18681 27923 19164 92450 28882
08986 64126 62283 37023 14036 58264 13238 72338 89314 08149
30012 92463 68775 87424
912 64 00000

S06c

11428 kHz, 19-04, 0645 UTC: 11042 (R4m)

S11a

10728 kHz, 04-04/06-04, 0445 UTC

798/40 Vnmaniye

14016 22583 44931 14825 45280 43375 15596 87449 79115 50937
89534 30261 40256 36806 74926 35424 18373 09423 78892 03557
65609 34867 29721 69414 39464 18308 35564 03919 51187 96007
51588 17204 52185 30343 22343 05672 65352 32977 85370 07356
Vnmaniye (msg rptd) Konets

8597 kHz, 10-04/13-04, 0700 UTC

477/32 Vnmaniye

95850 32899 55595 70895 79732 65569 83029 65329 15676 85709
55472 35523 52579 64059 15118 00486 74446 06258 32070 16346
25000 03734 67989 68163 94642 09409 92392 20245 99940 79392
02627 85875
Vnmaniye (msg rptd) Konets

6480 kHz, 17-04/21-04, 0915 UTC

486/39 Vnmaniye

88004 92319 33638 14600 74106 38538 44914 53502 39246 14389
95059 63485 76375 34349 48739 52377 45900 88861 68682 89687
26126 87419 93435 90867 72678 59918 46280 88696 50257 60270
34144 86230 32085 76413 40868 21606 20675 50487 24310
Vnmaniye (msg rptd) Konets

10213 kHz, 19-04/22-4, 1850 UTC

281/34 Vnmaniye

14728 20215 75149 36917 32378 42952 53192 39204 33531 64454
75476 11072 97630 34941 10012 26476 79681 32283 26323 35898
78688 19363 37029 98016 07301 63630 68447 69392 44806 89762
87327 94107 29995 72630
Vnmaniye (msg rptd) Konets

11116 kHz, 24-04/26-04, 0510 UTC

652/32 Vnmaniye

50891 00616 76161 07954 32423 20145 51483 02686 31561 84927
64614 92453 21939 08508 34955 25938 88173 17524 07710 12296
12449 19973 60230 94768 94847 68435 67073 21045 20596 00010
27165 69713
Vnmaniye (msg rptd) Konets

6433 kHz, 29-04/30-04, 0830 UTC

372/37 Vnimanije

88869 17298 89951 59597 51735 29789 64679 10242 48448 12914
16550 75166 03234 80611 94513 65269 82638 81896 80060 14329
58136 68809 35900 82561 56580 88708 43280 82353 84729 45364
33651 78805 29581 26151 48441 70195 04492

Vnimanije (msg rptd) Konets

V06

The Spanish V06 transmissions were a nice surprise.

10755 kHz, 03-04, 1345 UTC

975 (R4m) 361 52

60661 27638 95223 02269 36009 87053 27865 54117 92659 28361
79645 14132 72813 02084 75813 46716 64277

[30s silence] restart

975 (R 1h17m15s !!!!)

72813 02084 75813 46716 64277 51234 26334 51178
86030 57892 52515 63631 41465 28158 05538 18364 68991 63923
19056 79621 44695 94897 63074 79732 16724 69324 91285 24528
76112 26824 99039 51972 93714 01811 34159 54960 77931 30905
27766 04216
361 52 00000

A callup of 1h17min in the middle of the message, bizarre!

Full recomposed message:

975 361 52

60661 27638 95223 02269 36009 87053 27865 54117 92659 28361
79645 14132 72813 02084 75813 46716 64277 51234 26334 51178
86030 57892 52515 63631 41465 28158 05538 18364 68991 63923
19056 79621 44695 94897 63074 79732 16724 69324 91285 24528
76112 26824 99039 51972 93714 01811 34159 54960 77931 30905
27766 04216
361 52 00000

10755 kHz, 04-04, 1140 UTC

975 (R4m) 824 51

70871 24869 53827 15278 39829 44133 73619 86958 38702 25108
32920 62539 46657 88501 34666 28649 31594 22511

[5m24s silence] restart

75 975 (R55s)

88501 34666 28649 31594 22511 38369 50501
32825 64991 14725 63676 13784 35725 50709 18361 76937 79727
09850 99454 58085 07523 77362 70998 42253 43333 44836 18356
68347 17110 14159 86586 14766 61358 25367 38449 83164 98677
38110
824 51 00000

10755 kHz, 05-04, 0600 UTC. Repeat of 04-04, 1140 UTC

975 (R 2h7m) 824 51

70871 24869 53827 15278 39829 44133 73619 86958 38702 25108
32920 62539 46657 88501 34666 28649 31594 22511 38369 50501
32825 64991 14725 63676 13784 35725 50709 18361 76937 79727
09850 99454 58085 07523 77362 70998 42253 43333 44836 18356
68347 17110 14159 86586 14766 61358 25367 38449 83164 98677
38110
824 51 00000

Recording: <http://www.numbersoddities.nl/V06-2023-04-05-0800utc-10755khz.mp3>

11073 kHz, 22-04, 0600 UTC. Off at 0739 UTC

352 (R) 179 60
22513 36605 61076 48906 17597 44622 01936 46035 12228 86832
78862 63074 74573 60007 30373 40914 25673 27221 36277 75753
07225 75566 99974 99310 26435 59111 57017 90394 57595 25555
02129 78753 05087 50012 51871 27150 57507 24360 85139 02596
87583 75593 28680 72682 77585 11620 79811 87949 74908 17929
83546 36222 07525 53588 06287 79861 13977 19983 73298 11865
179 60 00000

25 sec pause
352 (R)
Windows XP sounds
3
15 sec pauuse
352 352
26 sec pause

352 179 60
22513 36605 61076 48906 17597 44622 01936 46035 12228 86832
78862 63074 74573 60007 30373 40914 25673 27221 36277 75753
07225 75566 99974 99310 26435 59111 57017 90394 57595 25555
02129 78753 05087 50012 51871 27150 57507 24360 85139 02596
87583 75593 28680 72682 77585 11620 79811 87949 74908 17929
83546 36222 07525 53588 06287 79861 13977 19983 73298 11865
179 60 00000

2m18s pause

352 179 60
22513 36605 61076 48906 17597 44622 01936 46035 12228 86832
78862 63074 74573 60007 30373 40914 25673 27221 36277 75753
07225 75566 99974 99310 26435 59111 57017 90394 57595 25555
02129 78753 05087 50012 51871 27150 57507 24360 85139 02596
87583 75593 28680 72682 77585 11620 79811 87949 74908 17929
83546 36222 07525 53588 06287 79861 13977 19983 73298 11865
179 60 00000

2m31s pause

352 (R51m) off

V07

17431 kHz, 02-04/09-04, 0200 UTC

414 414 414 1 270 106 270 106
80934 32649 16000 69934 82448 65881 52515 58353 61363 26331
20525 95697 79522 54248 81497 07650 39167 57343 88991 34635
95038 14999 54963 20737 39243 01016 62703 41668 89507 25794
18773 76051 42420 42174 66190 31706 08226 57643 84823 76463
28418 51599 51691 14280 28224 03216 98193 77716 18872 39500
25141 93831 94349 86560 41704 73827 61633 93814 23840 85182
77779 98441 39951 33591 69765 91070 92184 11679 17783 20283
45362 74747 93083 16813 34196 15440 18047 70544 10424 11283
23615 63194 53897 04140 19498 07163 75562 20174 25629 67827
76729 81827 26935 24597 07078 91560 48541 37336 35045 65253
36311 69897 78150 00960 91172 85600 000 000

17431 kHz, 16-04, 0200 UTC

414 414 414 1 685 108 685 108
45163 42680 79300 38057 93871 31169 07326 50424 62150 24588
10030 28753 14793 34036 65719 73575 11345 51273 09871 83350
99805 25367 28386 54101 77378 54583 93872 39610 08609 45452
93937 79684 94373 43086 51123 87560 55815 05511 34210 70624
24794 34228 53865 13533 55532 07084 63510 44833 15190 14780
62364 26315 60762 75259 64087 16219 08820 21469 62793 11240
96334 55366 32322 28831 93186 21771 15211 87764 26755 68127
69604 76907 22080 00813 75890 09359 03099 85985 77052 20853
18054 15522 10935 45219 68863 91312 17485 09920 59286 26338
67765 7133 66855 08192 98154 72796 46627 07783 033_6 44669
90148 67363 39023 46708 73258 59728 61929 83558 000 000

17431 kHz, 23-04, 0200 UTC

414 414 414 1 748 104 748 104
85077 80999 81650 64167 30676 62229 29307 61124 09474 45318
21210 38198 28790 10469 34264 85499 82746 17306 59530 77875
84340 72718 14383 45454 42691 14776 51660 59718 51152 77546
08880 77712 43335 72811 14822 63201 56886 42880 51414 08229
55376 07252 85494 76185 04611 15368 98961 74491 41051 71231
23288 33807 97430 59942 19123 09164 99032 85615 74175 26190
95916 83315 21173 84399 83278 55444 11891 31382 26566 13035
31641 47279 02119 22147 85642 19936 17647 61454 61360 11530
49035 07502 41701 37840 61194 40880 26023 21870 46930 38057
87767 49747 54655 22226 20813 81989 42574 93049 76114 40450
23262 16334 96881 25643 000 000

MORSE STATIONS

M01

6260 kHz, 01-04, 1500 UTC

463 785 785 30 30 = =
65749 65372 27615 28716 37645 09876 65746 54635 43524 87431
65463 32142 76584 43526 16524 76154 54367 55890 01651 22761
11765 27611 07685 30911 49047 55093 43981 09175 33981 67839
= = 785 785 30 30 000

6510 kHz, 02-04, 0701 UTC

463 309 309 30 30 = =
75894 84762 09164 26173 76574 11765 09265 76534 75643 11762
95874 65473 45361 01765 87906 58677 99361 24315 54637 33723
65748 22517 09161 27615 64735 11542 86759 33652 98165 15362
= = 309 309 30 30 000

5475 kHz, 04-04, 1800 UTC

463 513 513 30 30 = =
25613 94815 06318 95270 63820 28318 53705 94371 28516 95602
40276 95360 17409 16275 47310 94731 64209 41713 64693 28315
51603 94187 30751 95617 84297 50316 27380 48504 31365 75318
= = 513 513 30 30 000

5475 kHz, 06-04, 1800 UTC

463 761 761 30 30 = =
78549 34265 78934 42390 64576 53478 13265 67834 98754 54657
67834 31256 57643 57698 45389 54367 54367 97865 56734 86732
97854 65467 67845 67856 97854 67809 56743 68745 79845 67856
= = 761 761 30 30 000

6260 kHz, 08-04, 1500 UTC. As always, this operator sent everything as one long string.

463 (R) 3653653030==
6576765767123211232121221212213231232312323123231243543435435645656456908989089890878908788769887698657686
5768432324323768777879809234324290909980808080907003655636456856768568786987645556543546567656776568765687
6568798087657686687656687687876874354643546
==3653653030 0..... 0..... 0.....

6510 kHz, 09-04, 0700 UTC

463 879 879 30 30 = =
32435 21324 21321 43234 54654 34543 65767 87989 90890 65768
12123 21215 23123 54656 80908 98908 70980 78689 87676 67867
87986 54657 54635 65890 35426 52134 21547 86908 73521 74860
= = 879 879 30 30 000

5475 kHz, 11-04, 1800 UTC. The last part was a mess

463 512 512 30 30 = =
79890 67890 56745 79856 80967 78956 56489 67856 68778 80989
78934 13234 45634 45667 6 79823 567455 679678 57256 789458
97834 67845 **809505 7986 8 89098 890 6788 8 5670 07 678678**
098609 68756 6568906 6
= = 512 512 30 30 000

5020 kHz, 11-04, 2000 UTC

463 361 361 30 30 = =
67845 78956 35467 12389 67856 80956 79845 98756 79834 55789
67845 09867 56478 75634 56709 65723 68734 60789 56734 64567
67845 35467 56745 35478 57634 97845 57634 78945 80967 56490
361 361 30 30 000

5475 kHz, 13-04, 1800 UTC

463 869 869 30 30 = =
86759 58490 40093 58037 22091 69059 76895 34901 23109 76890
65784 44783 16453 19816 17658 38717 09816 76153 87615 98716
45838 01765 27619 18736 18749 01876 50927 30917 10917 17625
= = 869 869 30 30 000

6510 kHz, 16-04, 0700 UTC. Many mistakes

463 795 795 30 30 = =
25813 49741 94865 09312 78431 69515 27504 32816 84905 73812
23860 04061 20951 70815 94682 68743 95375 54896 07320 **0732 60541654**
10506 79372 59816 5916 80535 71328 **732** 94756 50325 **32 775 77864706 64706 395863586**
= = 795 795 30 30 000

5475 kHz, 18-04, 1800 UTC

463 322 322 30 30 = =
65803 27180 38017 30820 10582 37051 27032 19650 28569 01042
30428 17040 37290 18593 20581 48603 56037 28501 67290 30912
10512 90678 80423 70421 21022 12032 18094 13094 50890 32221
= = 322 322 30 30 000

5475 kHz, 20-04, 1800 UTC. Sent only 29 groups

463 684 684 30 30 = =
75315 90865 28915 46726 53816 95231 57417 06819 53295 73815
95312 57318 67084 07207 80952 74931 53820 73952 28651 64202
26831 09748 53816 09530 84186 53915 62850 95185 75974
= = 684 684 30 30 000

5020 kHz, 20-04, 2000 UTC

463 405 405 30 30 = =
41651 08537 69872 95026 35275 03816 71615 94375 52365 74868
13620 57495 28364 56915 84316 95712 63860 29652 54720 75513
30869 95831 25648 74815 95341 74860 95728 52759 94382 56860
= = 405 405 30 30 000

6510 kHz, 23-04, 0700 UTC

463 246 246 30 30 = =
47657 39840 57646 35423 10989 55776 39878 10989 35423 43342
68756 47666 35432 50989 67876 35466 58876 59890 13132 46577
35465 16545 33776 59987 60609 68789 14233 57645 70914 57768
= = 246 246 30 30 000

5475 kHz, 25-04, 1800 UTC

463 335 335 30 30 = =
59890 25455 30900 48766 57654 15434 27766 36566 40989 16522
47657 38767 40989 57765 23432 14340 47656 10989 48767 47656
35456 27678 47690 15243 48798 40987 37656 18989 26547 40989
= = 335 335 30 30 000

5020 kHz, 26-04, 2000 UTC

463 408 408 30 30 = =
09898 14233 28767 49877 34231 36456 28475 09098 47655 37656
28767 49988 50987 46765 14322 49878 58767 22443 46545 20909
32343 26545 88776 59800 57650 14325 36445 29878 46765 59900
= = 408 408 30 30 000

6510 kHz, 30-04, 0700 UTC

463 746 746 30 30 = =
54657 13243 43212 32143 54635 65789 98709 90908 08970 76857
87698 66758 53245 65765 76987 98078 21324 43544 23124 87989
78967 43546 12321 32143 87697 80907 65746 43546 65768 98709
= = 746 746 30 30 000

M12

11435/10598/9327 kHz, 1800/120/1840 UTC

11435/10598/9327 kHz, 01-04, 1800/120/1840 UTC

938 938 938 1 7263 73 7263 73
08057 98859 00990 33539 34621 09507 79974 52983 50964 89180
17350 52747 03881 01255 03705 25973 07705 07378 25503 12044
67620 89297 02907 25731 37562 57664 04536 21497 05397 95531
54731 92905 13556 67634 11850 73582 91358 67127 01445 79821
19190 36133 57075 99060 86363 97302 85271 00354 95891 30686
89112 55450 62105 04364 95521 28440 80434 84045 55748 74731
87046 23909 70951 67766 54909 47033 81131 19072 55948 45221
97075 47042 42571 000 000

11435/10598/9327 kHz, 08-04, 1800/120/1840 UTC

938 938 938 1 2624 72 2624 72
80428 80261 54212 20109 15386 65364 72458 32028 46905 92899
25571 27552 26513 39739 90915 45327 37371 17735 66406 81862
95400 16427 73378 52802 61382 25846 37607 72299 52467 23711
52746 72677 57954 97391 39107 37600 98731 00119 55594 73918
40708 51762 05577 79633 95995 74169 07425 91656 82419 09716
76589 80751 09072 31328 63175 61705 76991 31526 83145 92785
96530 45832 72603 39169 15050 21715 43956 11686 73208 56102
90194 35938 000 000

11435/10598/9327 kHz, 15-04, 1800/120/1840 UTC

938 938 938 1 6304 75 6304 75
19547 50322 44192 42886 52988 31796 82862 06087 60091 86789
13819 89663 42354 15571 81000 51060 73905 44763 19453 36549
20961 93704 78955 03300 78840 86476 86577 63385 07615 29893
02542 42562 38936 12278 60549 91688 97546 50143 48762 17354
96106 97042 25673 53570 01744 83928 28139 26576 80720 91927
82554 78668 68860 44380 87702 03534 63659 92591 30990 92126
58117 05534 33311 22260 28367 88702 82379 82468 36257 06787
79413 64440 27506 10622 07685 000 000

11435/10598/9327 kHz, 22-04, 1800/120/1840 UTC

938 938 938 1 2657 70 2657 70
71983 39179 28049 11228 12099 68076 15309 68116 95619 60740
85218 41096 59408 65052 20058 55892 60578 63215 58240 01532
09217 84622 83060 53621 33897 48558 40471 68490 16986 27545
74329 71242 98138 88344 69729 63935 72191 07274 45060 35607
33198 86023 31985 76228 16609 09026 17952 41103 36940 36112
63326 66199 86851 62351 65194 47296 47999 83796 70124 78324
13506 11471 94233 16863 24393 63957 63045 02938 69066 37883
000 000

11435/10598/9327 kHz, 29-04, 1800/120/1840 UTC

938 938 938 1 2309 70 2309 70
07075 68834 09130 69444 72133 68302 22383 86595 84643 47968
84283 76748 85812 85291 03586 26698 89723 89555 29117 26405
85948 58421 19759 98574 80739 11313 52430 39338 95244 21618
40677 88546 35295 95356 95295 27297 94239 45761 44864 42385
77158 88724 05677 92901 18631 46541 94430 22640 58420 98195
13361 90843 13214 60274 65595 33431 65590 61710 14208 26384
85459 83316 56427 68217 42062 12403 80682 01094 88655 50032
000 000

7575/8175/9175 kHz, 2100/2120/2140 UTC

7575/8175/9175 kHz, 01-04/07-04/08-04, 2100/2120/2140 UTC

511 511 511 1 9726 132 9726 132
82395 80371 29522 40910 19260 92471 89689 45400 48412 16856
52453 55710 94345 13889 20097 65083 16265 92695 01098 95956
80387 21541 72042 86603 58762 58069 70507 24378 01030 77833
92536 90449 59326 18663 05242 25720 03085 41466 29945 42317
81126 83736 69200 57236 60308 16723 90356 68939 73563 85621
28573 06525 00266 46778 62065 75894 46513 55197 85429 09252
26997 46268 44266 85945 80847 27428 71398 02550 80318 86525
29537 14256 01511 01456 94449 12009 65938 87093 85445 75021
00341 38264 01101 28142 73307 41094 83283 71103 16893 57510
57558 42503 51027 95342 71401 81331 54465 16817 65545 21441
85614 94242 33792 58110 27237 02539 21131 05905 85732 05357
84651 99777 93145 81065 21372 32287 97606 76126 93991 62711
24213 39858 57856 17324 79448 03864 12037 53731 41708 07657
36443 04742 000 000

7575/8175/9175 kHz, 14-04/15-04/21-04/22-04, 2100/2120/2140 UTC

511 511 511 1 567 150 567 150
69499 98282 30597 04295 37023 31154 81109 92363 20066 15196
69194 30002 90107 38806 46748 73448 71139 97021 09163 32540
79302 07121 75160 92788 35509 66228 67976 40261 92738 93102
86427 42468 06759 36910 69623 14635 51294 95027 68121 55528
00803 97102 35650 72929 92263 02570 87203 14112 49081 75585
95375 68779 08573 69665 74496 31748 91362 15032 12703 05353
00154 21169 13733 85823 84741 37614 86245 00957 75548 85919
44613 52106 43490 79859 47782 25234 88798 28310 79241 85473
65566 62317 67199 01682 66653 61797 00635 72661 55521 83111
59377 77820 38770 19321 85810 10245 44911 32099 29358 83975
44160 85296 99826 60840 57068 39781 26325 09304 09155 37692
86102 65957 71196 24137 29687 34886 94230 79751 45683 66271
69612 80387 58581 26736 97537 07570 73248 98442 87853 07599
68319 56300 57953 84155 43695 72511 82461 21697 83184 33435
55964 46023 27046 67468 52781 07339 40046 72441 70261 98202
000 000

7575/8175/9175 kHz, 28-04/29-04, 2100/2120/2140 UTC

28-04, 2100 UTC: restart during the message

511 511 511 1 820 124 820 124
82018 75628 82626 98375 57004 85808 65882 14935 55561 92482
78761 93855 29524 14698 49731 88834 03379 31213 11387 87859
96997 93634 82087 49898 74467 12355 81925 81428 39552 78470
24136 45053 35979 90782 43700 17283 92312 24775 30562 02550
43143 78762 95120 17929 89234 76322 55755 31423 97864 30841
85190 97487 47578 00580 02988 68975 61532 34296 44445 89399
41142 56144 28831 54176 15935 96066 10462 97806 91348 29776
98669 08697 75685 80817 10584 67624 17354 96032 41239 43134
25796 79521 28793 29379 87481 81908 27853 95214 75367 52032
70101 52945 72786 74498 87992 82734 51375 81899 35381 36923
86651 52725 18792 66089 81664 74529 73497 64424 47626 11823
56991 70875 13366 07097 60696 63050 24222 60498 68444 98723
43066 52772 76215 74770 000 000

16321/15821/14721 kHz, 1600/1620/1640 UTC

16321/15821/14721 kHz, 02-04, 1600/1620/1640 UTC

387 387 387 1 477 201 477 201
96354 65767 33830 76336 54805 77996 07457 24188 37294 41420
57117 81354 30190 65695 33141 10552 86935 23821 83441 58819
49982 50674 45496 90938 53182 01592 81903 16501 21978 79997
94014 72613 59322 30712 37549 25236 69236 99864 02415 52654
14888 82504 87680 30810 17192 29349 38533 17252 81161 28949
96471 51541 85943 09637 83216 06698 66026 09413 97083 91532
33053 55776 38552 70350 31169 80303 12930 72569 43212 39384
40607 82160 30458 58826 34611 73258 64961 76618 57319 39227
13786 92294 99734 86286 90300 02276 32627 86932 22912 24034
09002 32775 14563 28396 30558 28869 79294 19397 15135 59392
50716 52913 38605 46014 55551 76376 67155 99923 55454 89609
80896 01121 85948 13282 93351 77185 15686 43449 49452 03625
46829 48569 89372 19245 16615 24346 63329 78855 82185 78860
16550 48498 84491 25681 12740 92206 87531 87335 36108 51432
34218 57423 84901 02745 41597 41086 09638 76433 56423 95191
62737 94632 96849 31838 57118 00795 48349 21270 80910 88486
47052 13420 23246 72562 03947 40029 61948 94017 05532 82511
58345 02487 05222 91044 25417 74773 06389 99375 00068 95802
26199 84604 45731 33863 93865 68781 43010 58104 11352 51562
53110 94916 98017 05436 88268 60461 18817 88458 49426 52052
79536 000 000

16321/15821/14721 kHz, 12-04/1604, 1600/1620/1640 UTC

387 387 387 1 6823 232 6823 232
23110 77393 97029 77392 97993 69584 73092 21258 00680 59992
36221 99578 63060 57554 96778 52578 31503 29269 46730 97516
44392 54384 04520 52274 04783 78034 28307 41184 05226 44689
38856 94577 95054 07711 33272 08156 74476 93296 53742 63264
47570 95582 91599 07182 37017 55036 95434 52205 07513 11189
28502 45292 36292 43369 29286 79468 96321 04313 33736 09995
76290 47633 69440 16066 69183 32807 30697 11655 56321 69717
87322 96205 25113 75697 17320 39611 72781 93718 21308 07096
99778 22249 96112 45268 02954 41002 78102 10904 99593 17270
04299 95015 91766 64866 29266 95087 26169 79683 09618 64707
56463 86589 47372 69344 48198 17751 80260 54027 95596 13208
96597 58896 81578 48061 80276 95929 11686 10040 54779 45588
34088 54186 35963 42902 97963 37989 82759 49753 09506 42322
57228 65266 09174 36878 24397 05483 06306 86857 80243 87192
00964 00877 96156 48002 16785 58875 61342 10995 82379 57329
45546 46186 47062 63227 55592 90537 57362 43003 40873 02171
12910 71199 54120 94261 47565 93007 07889 33142 16781 40450
33920 75227 78242 31987 50621 86686 69804 30648 17624 20231

50976 94041 07539 03525 72086 19083 05969 80656 95978 33855
18914 74652 65256 18981 76043 37313 84689 10956 98713 18370
15952 95921 02408 14433 84177 63614 99276 16838 76079 26592
78766 82701 78811 86185 44408 62029 66166 41533 74183 68922
41677 02449 69181 59220 11535 40181 06255 59622 46895 92307
23789 47323 000 000

16321/15821/14721 kHz, 19-04/23-04, 1600/1620/1640 UTC

387 387 387 1 168 214 168 214
86235 38404 93251 92189 51582 49391 70643 49963 92809 89304
58811 18000 04943 08313 79079 44194 07296 92849 60426 44831
28028 43682 70094 15197 39637 70477 78866 50171 59766 75403
54920 58735 60635 52176 58487 30528 79381 80167 88146 46718
18756 46426 04652 22649 22331 81552 17005 10928 31217 47901
81980 30277 90520 39703 36445 66757 52680 87516 31470 15779
31042 18604 64854 81322 83624 53521 47871 55264 39984 86799
65785 77253 88924 71822 42059 62774 82860 64918 46664 46978
33215 07180 30727 83677 05461 03886 61000 56137 26477 40271
30393 08357 37528 99228 00037 99263 14353 93273 20171 61601
72414 01456 23715 32344 04677 29860 39936 03910 93122 90620
49563 55205 04052 81323 26556 82210 30453 03963 22323 50101
76825 54963 99059 89944 22022 07935 30308 19035 67170 45481
83047 93187 43154 75218 45474 26856 55813 76637 45775 04156
93160 76522 98501 34549 68184 29248 10324 45136 31860 26997
93932 55078 90949 64437 04172 90890 34387 64081 41557 44017
28631 81300 89896 51943 58940 99993 27610 43064 51172 25087
28858 76698 93523 99364 67992 61528 78295 95321 50228 95165
63962 58607 39453 62029 68857 33980 90674 85513 61590 71875
20450 14378 60485 10612 41413 04535 32929 72039 38763 78548
32638 20282 99421 94856 32318 16933 32715 36760 48966 38316
52510 93650 62620 49410 000 000

16321/15821/14721 kHz, 26-04/30-04, 1600/1620/1640 UTC

387 387 387 1 1069 218 1069 218
97128 80679 17516 31733 18177 87282 89273 42355 70063 60040
14539 21699 12325 65902 37914 51796 88895 09046 33978 55052
99074 47149 49121 79850 09942 10603 50196 70756 27398 86240
84864 11279 08267 47710 48829 55348 87093 84040 99420 60557
69966 47582 77437 68790 31753 81587 81206 96517 78581 54847
98815 15398 86201 01567 59666 85245 78016 26801 52441 86317
29289 77538 63301 37081 89592 74271 57286 72573 74414 79240
01135 85724 98443 05365 86196 84774 07213 98666 13815 65203
43567 51053 92829 31509 28197 42809 66600 31687 73438 00069
31586 12504 63962 72396 20557 92182 93653 63342 73338 68376
40202 02254 75135 12752 74263 20925 27239 77430 64618 35059
24762 69157 09906 83653 74092 89042 29451 25166 78053 36705
44045 74593 13244 22125 99248 22036 23007 64667 32271 40853
42457 28677 53466 65086 28784 15445 91067 30615 57524 20533
02428 11668 24636 54404 14781 49483 52658 63210 56035 72093
52608 13226 77068 51136 52397 11569 92401 02990 30891 43270
06626 90388 53130 27726 40541 37852 83489 57129 96629 21538
21857 59925 03668 87529 21816 52929 96777 43207 80067 29080
88221 95410 91895 72607 89573 44208 93282 84995 77329 80773
58487 15155 09302 47754 41949 01802 42586 25599 03364 60700
92467 51284 43046 37475 41587 73799 86100 55034 06188 12865
51593 77042 34180 67560 55646 08469 43970 76348 000 000

12205/13559/14728 kHz, 1230/1250/1310 UTC

12205/13559/14728 kHz, 03-04, 1230/1250/1310 UTC

973 973 973 1 9393 60 9393 60
21871 95375 23150 71042 78297 48604 02193 14281 86314 34473
42717 48896 18235 92218 29133 15154 04979 74919 35220 04064
11280 50476 87345 69537 42125 66923 65403 92064 70150 51763
09699 80933 81249 32316 48880 40619 48393 78514 82736 58757
28698 11884 73838 98201 47278 21524 63037 62301 60666 43446
75733 56816 05547 43462 64284 40503 86066 15601 90241 04281
000 000

12205/13559/14728 kHz, 10-04, 1230/1250/1310 UTC

973 973 973 1 7160 63 7160 63
19706 35793 83747 85771 15968 61211 90200 77516 87709 95103
61337 59119 23574 70630 19602 47979 19185 87824 76414 51961
98801 65313 80328 21725 02482 55456 27269 31169 34696 62131
43700 63976 00740 08724 09132 65416 23042 90253 92498 27186
85990 42474 09714 60221 95284 85140 94557 74137 65413 04351
24976 23041 91974 63237 29944 31053 42527 44885 33618 56666
72989 25432 12507 000 000

20971/20371/19271 kHz, 1400/1420/1440 UTC

20971/20371/19271 kHz, 03-04/06-04, 1400/1420/1440 UTC

932 932 932 1 240 62 240 62
09146 30896 69743 92400 63131 34793 96436 48169 81583 82969
85877 25327 11094 50278 89724 98828 23783 15408 97628 46928
80128 55266 17691 05027 69103 33079 44365 03830 09549 75283
60084 68864 49946 57480 78965 33149 61861 26338 04209 99774
34300 77072 13737 13655 05929 08884 22750 00485 30206 70280
14169 81551 63132 82004 21394 91004 15331 93613 53032 54337
15492 44251 000 000

20971/20371/19271 kHz, 17-04/20-04, 1400/1420/1440 UTC

932 932 932 1 8431 74 8431 74
99710 93275 89456 80867 62617 98662 11875 53237 73330 99207
29927 71443 66264 27550 09779 60706 76723 74463 94518 67033
22659 45040 55405 34985 05076 70967 46198 08826 89238 77043
40015 40557 22710 49502 89714 20138 88391 06838 01617 88890
34643 79191 01629 66221 03463 91206 25918 05396 40621 85956
07736 69953 58210 93351 80285 40628 79373 60912 59514 45532
48552 25514 86415 68390 66972 50953 04129 89399 20534 37683
40015 86752 03468 31786 000 000

12139/11139/10239 kHz, 1000/2020/2040 UTC

12139/11139/10239 kHz, 03-04/06-04, 1000/2020/2040 UTC

234 234 234 1 8198 127 8198 127
90146 31156 59550 30658 14348 83123 86752 35247 37074 60054
22820 09444 34917 96274 83725 37793 58730 40042 69806 31782
20308 54097 34235 52544 36603 13887 90196 63544 57774 61147
12024 75640 29473 18252 48763 20122 75230 52369 97839 31491
85192 00886 04930 17569 68004 15947 79152 12310 22488 31939
57672 96522 58135 46656 59843 90519 44213 18358 58677 03782
32250 65575 56259 61047 71412 03665 60162 62685 10832 11614
84464 91216 33993 21050 44657 85364 10416 33815 63699 98315
76794 80716 73896 37525 50686 45543 30162 07565 42445 48297
09097 65517 18206 76643 37230 93225 44201 97824 70659 36704
27856 66006 75831 92514 03458 86167 81388 79620 19642 55860
92553 88646 35025 71436 56120 60422 98754 92563 33938 60768
29696 83993 55982 14360 04572 26566 33672 000 000

12139/11139/10239 kHz, 10-04/13-04, 1000/2020/2040 UTC

234 234 234 1 9971 163 9971 163
84208 53235 08276 07118 79732 98214 11905 91166 51327 40597
35217 54706 54048 14825 70341 31761 18297 19543 59685 71076
04308 12107 58189 08882 55577 17801 33965 27975 75077 22549
89238 31165 03245 69861 71600 71478 28769 97730 36615 72644
79424 96903 59722 89827 97634 58835 05946 09976 83601 31658
83783 79555 61461 09464 67614 99870 86879 44026 46257 35606
02241 30977 57534 95555 15653 13102 91259 12823 07865 08323
98602 11259 72299 11175 03326 06144 52553 30870 74030 51101
10371 83303 71176 05092 45346 09408 65624 42002 00962 86158
01070 86166 74471 96828 93878 40813 19754 15253 79322 56679
43787 99070 37923 19820 25395 26785 40493 81320 79596 46361
04893 45786 77398 82773 65091 06826 92548 26575 37904 28552
16179 33867 65760 94668 14331 53265 48611 53205 47745 33061
67275 35827 33844 42043 22121 99993 40993 70489 96102 89368
54391 16033 59985 87765 67313 90118 89721 76973 09998 32540
20152 02077 87213 27819 94862 77123 46379 33102 00763 73369
38623 11313 85983 000 000

12139/11139/10239 kHz, 24-04/27-04, 1000/2020/2040 UTC

234 234 234 1 184 115 184 115
15465 45619 05840 19831 19895 09264 68557 31856 80008 78196
35327 83714 08923 48253 10202 63860 32534 61771 88165 41912
77771 74880 38680 87019 51333 14519 44192 34559 36538 66013
44452 50459 87093 78918 62654 20276 07760 44169 37115 35502
96119 01235 89493 55170 12978 12500 03963 33486 31211 28710
74639 86033 15574 43419 32748 01508 67065 66214 08407 07388
48757 31165 77162 49056 84117 05425 17350 78500 59833 45021
95987 04400 81030 97607 60298 72298 18702 51441 28200 27307
94028 48901 08841 38637 19308 92808 08455 34029 98902 61399
89051 02572 35200 25089 28796 36547 77855 79482 30499 14688
63422 30409 99486 55301 68960 09656 19058 29660 97504 20890
41274 77152 46640 41030 75916 000 000

13564/12164/11164 kHz, 1900/1920/1940 UTC

13564/12164/11164 kHz, 05-04/07-04, 1900/1920/1940 UTC

511 511 511 1 548 159 548 159
34987 74375 57648 32159 34866 75209 74398 02451 12057 10222
96706 24307 93477 69673 64535 30268 40587 46707 10701 74360
98874 83564 99050 83152 70151 46506 65662 43623 63579 64723
54040 47663 22047 99611 78511 42094 56654 86466 40222 09258
62278 40482 22625 40746 46202 50783 60251 34030 07372 45767
55674 69454 91279 98612 61105 63592 26185 60653 35460 35132
75549 72803 27448 18896 36843 78690 32753 64317 84156 99335
76246 41018 34515 54015 30340 01312 23045 88054 22692 27692
07601 81463 07338 34308 83525 37996 94825 26087 64673 22414
45742 99655 83197 25997 97060 31434 52150 53366 73309 90714
40771 40601 32280 70128 12510 86410 22852 71033 72190 57369
01470 24609 39352 41468 56044 00696 00978 05837 74906 11463
46226 11227 98474 74772 63286 26295 57798 69776 37180 91490
24801 23440 74237 38978 58941 34375 43093 15286 77485 98426
03176 43783 88549 29945 96333 82857 40157 96589 86170 22133
86411 99364 00831 52296 28236 40963 43223 92769 47043 000 000

13564/12164/11164 kHz, 12-04/14-04, 1900/1920/1940 UTC

511 511 511 1 7211 171 7211 171
80119 25585 79322 74315 49368 43689 25910 35397 04837 74883
44346 53818 25478 60186 86590 02790 40672 42239 32786 42388
72914 31971 47471 19967 22698 68701 02460 61102 54330 03659
86620 49928 37737 79117 70640 02637 27621 60876 95366 65104
28779 88373 45288 38528 93759 40378 95683 21576 76946 54542

08682 44513 36386 34629 66068 82072 89930 87319 75304 24859
13091 06112 02384 02131 71111 87603 39517 89727 91035 77573
76426 60121 25201 92614 21246 95417 47402 57434 09882 71952
09823 26865 37414 68495 38127 30193 30389 34058 03912 45672
59629 55880 87225 92594 48813 77444 68511 21748 77096 10491
35625 77433 59299 42326 40111 11621 50661 66668 89843 86319
40934 18844 28273 07331 70169 10014 67346 82119 56465 70630
30888 76289 44260 05735 67779 92419 66745 70407 67271 14087
71020 06431 60571 10818 30646 88420 48572 95808 67427 19941
04659 26238 09948 68471 67800 46907 63414 10836 54567 21920
20820 71200 24785 76867 09954 73085 24136 63118 10149 39164
57559 52319 30544 82165 77167 86402 95503 22409 35853 58538
60902 000 000

13564/12164/11164 kHz, 26-04/28-09, 1900/1920/1940 UTC

511 511 511 1 130 131 130 131
92417 02442 08839 16635 94207 23322 77072 08449 52071 19181
11198 00711 47507 49627 43465 32630 66488 02737 66396 38723
51076 37341 43206 37877 88027 30040 28465 64775 92990 79777
71838 90726 33561 07260 37235 80885 58766 88394 30205 56106
33482 81867 50446 05769 35171 31940 86132 72074 45378 16629
74074 31009 81336 97245 62569 26630 20377 23282 86246 66700
44029 55122 42414 09874 79550 19655 93905 45505 48749 53275
31531 39510 35209 30601 47999 57445 07270 08235 22838 43652
92694 73632 74081 13560 10989 37596 49922 64956 34500 01132
33364 26134 57422 91042 72451 59251 44025 48809 57198 34760
58128 13380 20290 80327 03864 91854 42026 38642 51809 66306
45423 02802 07748 86464 41517 14177 93598 84782 40485 06859
61054 50676 45667 11660 59341 99284 62465 41266 10837 39191
85945 000 000

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

13386/12189/11491 kHz, 06-04, 1110/1130/1150 UTC

725 725 725 1 1873 90 1873 90
39336 46528 10048 48727 68117 56017 96013 75141 48538 37210
17304 48161 86459 59910 96303 83733 73915 22979 93533 84942
47100 53376 00723 46206 39220 51965 43318 02800 88208 96299
11979 45905 33622 76633 18297 47131 99063 24514 43846 42981
29857 39995 64596 43989 21599 89733 27229 00490 34567 07982
12198 13968 31662 81396 39075 75918 10801 06337 61707 18839
84919 21330 64787 22542 18920 11004 96529 71719 83921 14934
82407 04717 01291 08580 15454 88608 72665 62458 24539 60001
28023 38868 28639 84635 73097 60068 77585 81422 83866 47130
000 000

13386/12189/11491 kHz, 13-04, 1110/1130/1150 UTC

725 725 725 1 1266 90 1266 90
30905 26221 00399 65210 17170 73472 25549 84474 19295 33297
30969 69207 81599 54801 11568 15117 41599 25853 82405 04200
84286 25277 07023 76506 96272 96418 63109 98637 72082 01268
39231 21557 50190 76933 89229 75441 74825 71797 73162 70174
42829 37934 67049 01833 68066 58502 64707 55531 01450 02661
52847 52264 51808 20974 56513 44456 21997 45321 32996 83378
02915 96612 17701 31833 66761 26654 10676 92738 79299 55973
74931 35203 29161 00941 03556 74765 67826 71362 40706 78589
45562 39474 88647 41804 97317 06598 89870 02293 86514 53221
000 000

13386/12189/11491 kHz, 20-04, 1110/1130/1150 UTC

725 725 725 1 5142 98 5142 98
05040 64684 42023 99028 35568 99283 24630 25460 19469 30273
03854 40450 62752 05710 34327 40975 96552 86096 21963 91939
73169 69589 31601 06233 44758 25788 31577 55865 80292 14843
29695 35577 12706 25936 58675 42836 76355 45523 99094 63129
55588 43841 17219 49142 70796 57638 10531 21471 06002 27999
71602 57512 66560 01896 24421 09663 77731 93516 46244 40402
19026 27481 51875 98140 75632 61076 04642 86478 28690 37495
59995 52709 07621 15456 24468 89629 97021 04696 59477 52489
72922 15316 65410 36410 68580 20683 64831 67809 51520 05273
97373 97019 08470 17093 67314 42280 77944 81001 000 000

13386/12189/11491 kHz, 27-04, 1110/1130/1150 UTC

725 725 725 1 7898 96 7898 96
03890 22462 81924 23814 11143 92764 53148 97156 84441 79044
88134 82461 05727 40534 42345 77725 01225 72790 63536 26177
73799 64676 15210 83569 22537 16982 15947 64229 25039 10427
90574 47428 95854 55734 40277 62236 02603 00203 99039 77583
52083 98797 24057 68814 43704 40870 97300 81764 22220 49463
88349 24048 89087 50059 40171 10590 56242 14908 31385 32345
38978 87527 19132 26666 01965 36228 96047 67553 38737 30063
65674 29214 14237 48765 51022 13591 36691 40394 74312 86362
53307 54342 83291 48323 45718 07904 59966 02515 96866 31497
02137 95127 85307 84631 12263 86154 000 000

6854/8154/9354 kHz, 0030/0050/0110 UTC

6854/8154/9354 kHz, 07-04, 0030/0050/0110 UTC

813 813 813 1 468 206 468 206
78513 94996 73234 43602 56121 59617 71252 98034 01723 60055
10888 83124 70843 27548 81897 24319 65777 56752 55899 30900
03123 58450 90482 21010 37832 88511 82195 30018 49231 31836
74959 39591 23291 10530 55558 53125 91793 16834 10550 68691
32554 57960 39496 59300 58020 86691 65717 88674 46044 00419
22041 46199 04002 47186 66685 28450 20774 80594 17849 02768
64033 71520 21041 15958 86095 51202 34209 30919 10689 09237
16900 15027 06711 78285 24681 84335 82177 94880 92721 99970
03823 24100 20853 35766 58980 41691 34855 89320 36707 65927
85746 07163 39369 43952 18165 31836 40122 08374 88358 52241
09834 30712 09597 66255 95664 38563 84597 03120 24205 56497
88081 99066 45760 30232 14023 51283 80247 28663 84727 37215
66286 86872 98869 39030 46167 55739 79551 41402 98175 42041
10327 33805 29796 41577 72026 97933 05315 32543 84120 22055
71517 63718 24345 23248 91319 57263 56694 84492 02376 87729
69972 88906 19094 15045 79495 96930 02035 01452 21332 34214
82453 78441 81660 83059 26530 00850 51910 11271 84647 23140
68265 65613 86023 57071 67896 19834 73344 42104 30921 68189
74751 26308 39085 54659 52039 78582 72059 68182 06270 15935
31657 47859 07985 45910 47178 77612 79696 21899 15869 66383
38928 57305 41202 34200 98901 19764 000 000

6854/8154/9354 kHz, 11-04/14-04, 0030/0050/0110 UTC

813 813 813 1 563 144 563 144
09070 01948 09210 63139 67179 28937 96515 95661 90310 67212
64625 56983 96791 05972 02441 58706 54267 41518 32639 64366
22003 19026 91637 49167 44538 19322 93870 28555 01868 49082
42821 26860 18601 30602 07828 07383 71444 25619 45944 96008
87085 06325 22101 31574 47369 86177 55335 48159 77982 38532
43242 43794 51427 45121 33163 55998 17859 94162 42307 35546
97792 48308 63079 53792 14767 93368 83788 68431 89090 30031
63385 36168 80000 33755 17830 25361 72882 65277 63927 89462
83277 51612 46956 13922 19106 81759 70742 44795 32887 51545

35808 43366 87788 66409 10538 59478 95798 94914 81398 36055
25195 25288 25744 92049 70825 05250 57822 93146 29637 03067
35629 59733 21995 95089 71856 72080 55852 08811 55594 76830
47579 98708 38424 14600 94085 84506 93861 33142 40318 42142
86853 61364 31775 81468 71399 38655 66280 61500 36542 33222
89617 74388 95147 80513 000 000

6854/8154/9354 kHz, 18-04/21-04, 0030/0050/0110 UTC

813 813 813 1 406 192 406 192
28189 80313 68805 50433 07396 72672 66453 67103 84142 00169
02498 42337 88499 66113 91472 42986 65260 33801 89775 98404
28003 02150 55789 73990 00337 33562 05256 60887 34556 89723
13157 13407 65497 37822 24236 69805 63430 97549 48547 90627
90939 65189 08684 57019 28228 09010 34017 03429 38737 57575
33035 75940 91371 98499 56114 35262 96881 63512 44433 80807
57556 09943 40067 59699 14506 04239 76885 15138 45037 15180
83063 32667 71564 04778 30482 41304 95324 10134 72151 05199
37605 53099 85626 32407 07446 01670 95703 84871 82214 55312
69218 06322 19859 42322 04639 72836 24238 59171 23524 50894
43235 06533 42770 52560 15053 45722 89497 48151 32276 82077
74348 35197 89119 04327 80153 42176 69239 18446 48345 10860
71387 06093 85113 49124 16678 84036 82473 95029 59952 40367
98196 44724 96940 02479 65951 32705 05318 80445 29300 91873
16943 08468 96003 52678 56988 96741 09976 89636 29467 24974
71511 30247 86702 33979 14914 64939 15913 81470 71540 86122
66944 38959 26013 90452 78638 40708 77110 67035 28012 60635
28787 48882 18663 00439 10762 17168 57853 42386 93873 65149
56045 73043 19537 69686 90928 19511 58706 16959 16597 07227
77560 30272 000 000

11468/12168/13368 kHz, 0600/0620/0640 UTC

11468/12168/13368 kHz, 19-04/22-04, 0600/0620/0640 UTC

413 413 413 1 574 79 574 79
32470 41773 23623 80345 35188 67139 33517 04380 09136 74003
93722 38027 54601 05398 76445 69851 41769 73871 49498 92816
76316 82837 57774 83598 25486 50638 60471 84939 80983 06862
77669 29668 04873 09634 07153 46819 33378 11351 30413 97514
34423 74988 16858 97560 13852 36808 53369 94778 86053 04595
77876 25887 09890 14922 98649 21866 41595 11829 40385 87875
17254 87560 13924 64771 27582 34045 32091 33261 68403 05163
66730 99096 16546 90931 34857 18058 55482 66804 82796 000 000

11468/12168/13368 kHz, 26-04/29-04, 0600/0620/0640 UTC

413 413 413 1 545 87 545 87
91965 00233 97835 55399 85367 35314 50702 93913 08231 26544
26967 75427 11979 19787 74824 68120 23523 78612 26897 91373
66000 42509 07907 77626 96943 78711 37670 71492 09559 92068
19360 30894 07862 67013 24593 06196 32507 80041 43206 44409
06217 80257 00463 95027 04291 58940 04006 39020 96853 10572
69946 31790 50306 20530 60753 77214 38369 98128 89150 45057
59177 09862 78885 62863 67305 71278 49472 87195 68111 33566
43643 75859 71467 87937 48120 11591 61538 43883 43321 77871
21458 45392 41051 25274 16428 53722 06638 000 000

18767/16267 kHz, 0300/0340 UTC

18767/16267 kHz, 04-04, 0300/0340 UTC

742 742 742 1 622 140 622 140
99829 38971 30881 08321 29912 19972 46384 26268 43216 38738
73788 10116 55876 58277 61124 19827 15828 31350 88654 74226
95625 94425 15485 82629 98316 44831 05975 68119 44362 53756
85229 44765 85826 03053 94005 85697 51660 36294 14998 75943

56612 54678 73912 48433 96291 27119 61164 49569 10511 80605
71154 51933 33895 53930 11900 31533 75655 67937 58361 51444
35133 47642 22702 59087 66666 64960 15537 57039 75956 17051
64364 34435 00054 31219 76750 67430 57107 23023 19988 17513
80768 22532 12155 63479 04236 50102 01407 17739 21498 44570
19225 92607 84577 88707 07259 84758 12569 82693 05987 38961
20396 11259 19591 86048 25264 86799 45054 69631 59466 96035
51013 79748 08025 38936 48540 00885 66066 68645 84676 57012
23315 05442 97117 02983 01679 44026 37144 13411 16344 60350
21722 75186 04795 34701 22383 63631 68029 83686 66967 84790
000 000

M14

9463 kHz, 15-04, 1120 UTC

801 (R3m17s) 15s silence
801 (R40s) 973 973 52 52 = =
65986 18057 26000 98134 18191 26835 94116 87084 41002 12345
84707 84066 9
801 (R1m)
41002 12345 84707 84066 90094 98936 24393 21475 98902 98
801 (R55s)
98936 24393 21475 98902 86081 47015 36020 63451 41277 01961
79072 37831 46190 28585 07573 82512 06948 51455 78953 32670
64537 76064 98488 78718 66231 89731 32536 76249 83994 97361
06087 27534 90788 46759 48072 01814 30740 23172 82859
= = 973 973 52 52 00000
01 801 (R47s)
82859
= = 973 973 52 52 00000

Complete message:

801 973 973 52 52 = =
65986 18057 26000 98134 18191 26835 94116 87084 41002 12345
84707 84066 90094 98936 24393 21475 98902 86081 47015 36020
63451 41277 01961 79072 37831 46190 28585 07573 82512 06948
51455 78953 32670 64537 76064 98488 78718 66231 89731 32536
76249 83994 97361 06087 27534 90788 46759 48072 01814 30740
23172 82859
= = 973 973 52 52 00000

11073 kHz, 15-04, 1850 UTC, ICW. Preceded by two series of fast beeps at 1840 UTC.

Note the extra group in the preamble. This M14 is the counterpart of E06b, G06b and S06g.

352 12643 679 679 41 41 = =
73268 31407 74710 37802 28732 98755 40819 11185 89838 75153
76642
352 (R1m20s)
28732 98755 40819 11185 89838 75153 76642 57029 496 74
352 (R1m)
89838 75153 76642 57029 40486 74496 98704 68182 710655 54475
991
3 [1m10s silence]
3 [1m15s silence]
352 (R2m05s)
74496 98704 68182 71065 54475 99136 98728 94152 63780 25477
81750 27093 23792 32842 08917 83675 55670 63141 45319 42066
88797 31035 78000 81205 11505 21314 21613 02848
= = 679 679 41 41 00000

Complete message:

352 12643 679 679 41 41 = =
73268 31407 74710 37802 28732 98755 40819 11185 89838 75153
76642 57029 40486 74496 98704 68182 71065 54475 99136 98728
94152 63780 25477 81750 27093 23792 32842 08917 83675 55670
63141 45319 42066 88797 31035 78000 81205 11505 21314 21613
02848
= = 679 679 41 41 00000

10755 kHz, 22-04, 1645 UTC, ICW. Two series of fast beeps

10755 kHz, 22-04, 1700 UTC, ICW

975 (R4m) 381 381 60 60 =
40460 05960 12244 08205 [20s silence] 32
975 (R1m55s) 97
975 (R15s) 381 381 60 60 =
40460 05960 12244 08205 88862 12167 32508 96972 76485 01924
03063 76487 97105 67053
975 (R1m30s) 97
75 975 (R55s) 381 381 60 60 = [4s silence]
975 (R1m) 9
975 (R10s)
01924 03063 76487 97105 67035 72563 13135 73251 48948 59254
48224 36837 06668 54318 33433 00130 48334 83505 57752 84231
34403 06771 64375 97275 41347 60566 80966 79508 55050 72521
[30s silence]
975 (R2m15s)
12196 [3s silence]
975 (R45s) 9
975 (R15s)
80966 79508 55050 72521 11744 57464 10393 03147 64814 74394
12196 94299 13210 89172 98447 29063 13036 60828 31753 32739
27204 60920 29942 69643 28155
= = 381 381 60 60 00000

Complete message:

975 381 381 60 60 =
40460 05960 12244 08205 88862 12167 32508 96972 76485 01924
03063 76487 97105 67053 72563 13135 73251 48948 59254 48224
36837 06668 54318 33433 00130 48334 83505 57752 84231 34403
06771 64375 97275 41347 60566 80966 79508 55050 72521 11744
57464 10393 03147 64814 74394 12196 94299 13210 89172 98447
29063 13036 60828 31753 32739 27204 60920 29942 69643 28155
= = 381 381 60 60 00000

11073 kHz, 22-04, 1850 UTC

352 (R) 147 147 60 60 = =
37144 39479 39668 66214 67122 38348 81944 32385 47602 67307
51619 65605 40172 73721 (silence)
352 (R)
67307 51619 65605 40172 73721 57659 46419 01137 82058 12129
58765 43231 96205 10512 35309 81025 20237 04309 64197 83457
14831 51860 86930 81929 (silence)
352 (R)
83457 14831 51860 86930 81929 31514 58352 8352 320 off (silence)
352 (R) (very weak now)
51860 86930 81929 31514 58352 52033 07418 91930 40847 34211
55009 04313 79445 33688 99333 34350 unreadable 35403 09294 62641
72000 33757 35570 65909 (silence)
3 (silence) 3 (silence)
352 (R)
Largely unreadable from now on
Ended at 1919 UTC

11073 kHz, 29-04, 1300 UTC

352 897 897 60 60 = =
36311 03118 44987 18934 63732 48422 27238 82554 12311 86964
14503 73186 44726 83875 66102 30769 52338 29330 74783 03385
72320 67960 32532 70086 70515 56884 39458 79046 00949 07027
29174 68233 77944 87442 09126 60787 21770 97299 39296 50297
63760 35238 97723 32153 21848 20774 06281 06178 82438 47443
15140 12706 49579 72369 69366 09308 47343 71945 06085 52360
= = 897 897 60 60 00000

10755 kHz, 29-04, 1500 UTC

975 481 481 60 60 = =
43243 47263 20849 12470 95428 91352 85905 04869 13203 60185
35265 04485 09657 05722 36212 60221 66693 99365 30224 76709
68665 43905 11383 00110 00167 06238 08788 23947 43933 50598
71417 07144 39767 76952 78859 21452 90441 94257 26370 70462
25511 83276 57673 47390 58975 28623 43965 23811 01720 24742
32537 86547 14686 85492 13470 64882 13697 12044 77828 15296
= = 481 481 60 60 00000

12211/10243 kHz, 03-04, 0500/0520 UTC

952 613 613 52 52 = =
14014 45383 83380 37722 49308 22075 62361 82397 82370 40020
36263 77761 13380 90526 88651 51785 07850 04456 65313 65787
09364 59660 30199 87941 75848 06105 09759 08672 25321 38338
74084 40136 02044 70029 28312 66977 99026 90235 12715 40528
97820 06091 34919 33669 11524 01619 82694 98505 41955 67341
90745 94077
= = 613 613 52 52 00000

12211/10243 kHz, 04-04, 0500/0520 UTC

952 784 784 51 51 = =
63498 40717 19057 33421 50836 52141 86071 99132 38337 13165
52835 61377 92806 07111 57415 92817 64054 90523 95010 06801
80713 91011 00913 41000 12170 35666 86321 05205 51301 83469
94178 29221 97691 60155 67192 71796 46034 18948 45280 76524
09389 75607 34571 85654 31992 91243 15195 47758 71312 01310
80016 = =
784 784 51 51 00000

12211/10243 kHz, 05-04, 0500/0520 UTC

952 360 360 51 51 = =
21747 02506 87477 06607 40632 62734 58547 16192 82693 58460
37980 86021 38428 86372 05290 69009 24138 61652 79709 52999
12419 89154 69871 77899 61576 29226 96623 18536 73649 06585
31187 44171 35735 35704 15826 90610 24310 61138 59226 05858
77213 36228 23775 55232 63008 88624 46909 96899 02382 46057
63709
= = 360 360 51 51 00000

12211/10243 kHz, 06-04, 0500/0520 UTC

952 184 184 53 53 = =
00463 17266 02278 11143 93665 18108 28573 92803 51629 49853
65200 06747 81924 36956 42408 19133 64949 04327 74376 23985
61416 83530 33944 35562 67986 59702 30942 98802 63232 70126
48838 91271 11132 90411 19361 15050 14248 69202 39808 02001
33825 97359 62705 80853 18955 22558 12532 79540 12011 45224
09172 61028 22550
= = 184 184 53 53 00000

12211/10243 kHz, 07-04, 0500/0520 UTC

952 706 706 51 51 = =
55756 23667 64104 45151 41858 93744 74723 11415 99097 09829
06050 29877 37184 12242 93546 22163 60801 82188 07186 32836
41280 93880 80790 19847 87589 63232 24281 59534 90080 60332
54773 45855 35421 77868 07464 88556 16160 72700 12234 39945
83356 22764 46912 04965 15718 66489 03142 14266 03675 16934
25776
= = 706 706 51 51 00000

12211/10243 kHz, 10-04, 0500/0520 UTC

952 843 843 51 51 = =
97496 51428 33166 16539 03218 92760 81482 56537 45979 73823
91068 52265 63362 40706 55559 89872 83468 95605 72114 34007
66317 97578 04914 34075 53937 06748 79453 16939 52588 89155
74650 95723 95549 24449 30022 49425 59906 83581 02948 53008
35786 68724 36977 62675 71466 32574 27108 86006 42806 19237
92972
= = 843 803 51 51 00000

12211/10243 kHz, 11-04, 0500/0520 UTC

952 176 176 52 52 = =
37574 72588 73966 26166 07696 12840 25281 42323 32776 91656
46126 78682 66952 82933 96958 67490 96232 15608 91976 02271
75914 79516 22135 21662 93490 58689 15370 79278 61739 15522
51212 85551 71667 74266 71994 32484 60012 77274 57814 37241
70977 12436 57463 65536 16897 35239 92499 20737 67507 33901
76647 09627
= = 176 176 52 52 00000

12211/10243 kHz, 12-04, 0500/0520 UTC. No 00000 outro at 0500 UTC

952 308 308 52 52 = =
51864 09434 72204 47590 91885 73669 26417 45839 29120 40069
11025 89252 34689 43520 71829 38653 46762 20150 90900 86590
14098 18813 12790 32165 88915 59172 03656 20403 42511 03542
79236 25866 02067 34684 62605 85192 32092 56762 57655 08245
08929 61614 49234 22563 61758 27551 65887 30807 78556 42863
66127 85867
= = 308 308 52 52 00000

**12211 kHz, 13-04, 0500 UTC. Off after 50 groups
10243 kHz, 13-04, 0520 UTC. Started in FSK CW. Switched to CW during the callup**

952 146 146 52 52 = =
68822 85312 45428 99891 94386 66542 94703 42258 88016 52966
64572 12306 01443 34364 34589 36005 80500 94863 75160 89290
99371 52915 91215 35167 39857 26380 91368 88255 07846 83643
87247 30214 04183 66705 52697 24479 92122 97180 97527 03761
28546 01148 35497 28726 51136 13776 51227 41311 38701 49689
95733 61109
= = 146 146 52 52 00000

12211/10243 kHz, 14-04, 0500/0520 UTC

952 783 783 52 52 = =
88462 11288 70834 87764 53982 45757 97357 90389 12745 45777
18630 53283 63318 46253 94498 77333 93318 76162 99325 56681
60145 30964 27762 26368 22975 01350 82265 18685 18226 19285
47047 51633 95655 07266 78127 97969 57298 41747 64196 08243
66417 66657 37955 86273 18666 17953 42645 40523 92643 45148
83427 59762
= = 783 783 52 52 00000

12211 kHz, 17-04, 0500 UTC

10243 kHz, 17-04, 0520 UTC. 952 (R) Off during the callup

952 401 401 53 53 = =
34200 71188 14854 72834 16103 99787 82484 80148 28458 90386
29106 28956 88793 62531 87000 28400 56480 56321 47846 67806
07805 76490 26897 56320 27922 20969 49518 74367 61906 04851
14786 10367 92064 15709 15814 81135 33699 61197 21513 59418
66533 94874 49457 56989 43947 31188 84556 36759 47254 85557
23217 52310 77166
= = 401 401 53 53 00000

12211 kHz, 18-04, 0500 UTC. Stuttering signal. Off after 25 sec. Several restarts. Briefly FSK CW then CW.

10243 kHz, 18-04, 0520 UTC

952 673 673 54 54 = =
09600 38324 93532 67762 56162 40872 85313 73752 80799 33888
81497 19859 85609 71011 40975 29030 02778 75444 66158 20332
37682 99248 18210 78850 87101 58128 09712 12780 93456 46392
98211 14923 21026 61773 29095 70762 65069 94805 01194 80305
29802 62433 53606 85887 36149 90553 97130 23115 45228 75160
38771 37147 08491 76802
= = 673 673 54 54 00000

12211/10243 kHz, 19-04, 0500/0520 UTC

952 801 801 52 52 = =
97144 55320 70706 93579 79994 08867 44967 47846 17611 85683
59347 04333 88509 10168 69883 88518 21540 08756 94772 96429
97090 59748 82227 27709 81224 07683 01103 32461 28643 21945
52702 64056 15448 04311 27219 55075 87621 75090 53239 58585
36164 92586 13756 21942 34836 85533 27115 85288 01427 03209
16347 21962
= = 801 801 52 52 00000

12211 kHz, 20-04, 0500 UTC. Late start. Some inverted morse, then off

10243 kHz, 20-04, 0520 UTC. Very weak, may contain errors

952 647 647 59 59 = =
85784 64995 04481 52178 35107 62414 39537 39439 92132 55357
64306 68537 88786 18946 06424 12780 42264 67464 53786 69059
99005 18048 88058 91758 37602 02218 72051 28747 43622 68866
43777 58599 43054 87085 91253 33254 79547 69930 28756 44081
84930 26417 25354 40308 35780 21946 98284 40001 35901 13163
19067 25494 61819 87669 79353 81599 95294 17711 32625
= = 647 647 59 59 00000

12211/10243 kHz, 21-04, 0500/0520 UTC

952 803 803 51 51 = =
50370 89814 89346 14515 82598 82794 50452 86122 96327 56370
75301 56852 90502 70374 63627 03174 11496 51867 01674 86071
88040 38533 22960 73602 37743 79995 58589 11203 12364 32978
56799 38181 74053 11247 76439 73851 19743 76280 84054 21722
95852 79596 09280 65192 70533 92677 38214 53193 55603 85431
49476
= = 803 803 51 51 00000

12211 kHz, 24-04, 0500 UTC. 952 (R) off after 1 min. Stuttering signal. Off again again and back with group 8

10243 kHz, 24-04, 0520 UTC

952 416 416 53 53 = =
98613 37489 16804 31161 82307 12124 42973 87808 98750 81348
29114 43502 26679 90863 38865 67097 38675 20073 26637 92631
89865 44278 42364 11848 24279 85268 78157 76183 28581 98705
99029 19183 87850 71783 24902 35250 23103 29562 56058 75684
15228 73444 59250 47945 45050 00209 56628 29072 04189 75052
84697 29204 56402
= = 416 416 53 53 00000

12211/10243 kHz, 25-04, 0500/0520 UTC

952 738 738 65 65 = =
25473 24934 67832 20686 53628 71103 94295 74335 44844 23578
46369 21785 10369 56937 63631 69299 98392 71488 19364 17054
53615 84832 47159 35909 19868 38771 44181 27491 59257 88727
87033 47253 86235 67875 21157 95218 40057 43167 09697 04087
44049 05435 52787 79382 25137 60767 13177 71357 92063 15345
09147 83299 95728 70917 60644 45974 20106 73109 99578 12854
77158 79751 80218 55837 04192
= = 738 738 65 65 00000

12211 kHz, 26-04, 0500 UTC

10243 kHz, 26-04, 0520 UTC. Off after gr 11

952 104 104 59 59 = =
23534 50246 87213 70546 12038 30375 35181 43403 23341 31671
13886 39744 27640 08599 88104 20737 92164 79324 33698 65859
90163 64355 99569 26437 87318 12392 05656 59349 29044 30565
62889 70607 77106 61267 26076 23475 68987 72745 15617 90829
98445 55647 69014 56450 40709 42725 08106 94924 70727 93858
32949 84840 47932 13605 78313 34986 65938 93450 93705
= = 104 104 59 59 00000

12211/10243 kHz, 27-04, 0500/0520 UTC

952 478 678 54 54 = =
88620 13380 40037 88720 39619 08983 42499 30204 27579 24839
68764 29946 35852 51416 14698 59922 62567 45635 71331 82398
29582 44394 36214 25417 53641 89119 79926 34155 96939 47294
97475 46605 39252 41892 99224 67002 38845 24671 21071 35451
74337 54231 58544 17174 84713 64817 54522 59832 49659 36770
95241 92346 77422 04570
= = 678 678 54 54 00000

12211/10243 kHz, 28-04, 0500/0520 UTC

952 314 314 57 57 = =
46922 10149 75536 01213 10603 24231 59013 57252 50771 58431
64280 92327 56870 77617 78941 35748 06873 03750 48315 66720
34872 72608 52847 70152 53858 66408 64909 89430 63354 70722
27192 87106 96600 29169 19862 49430 86978 94276 08673 95674
58362 97993 91224 78175 69083 90250 83556 84033 64193 19036
14254 74415 15718 50405 18268 22392 55582
= = 314 314 57 57 00000

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

6233 kHz, 24-04, 1215 UTC

=435014501?????=
=13406163692316=
=13507462377416=
=13509163375417=
=13506163396617=
=13509163375818=
=13506163396818=
=13506163397319=
=13504162387419=
=23506901040932=
=13506163398620=
=13506168324421=
=13507462385921=
=23506901050933=
=13506168324222=

=13501168379223=
=13506168322523=
=13509163394424=
=13509163398425=
=23510901020807=
=23506901111132=
=13506462397626=
=13510168341427=
=4350735072????=
=13510168342228=
=23509901140824=
=13509168326228=
=13509168327329=
=13510462375529=
=13509168327830=

8253 kHz, 25-04, 0715 UTC

1 2 3 4 5 6 7 8 9 0 9 8 7 6 5
marker
=13507168143533=
=13507168143534=
=23507901101005=
=13507168143535=
=13507168143536=
=23507901101005=

8258 kHz, 25-04, 0816 UTC

=13506163393207=
=13506163371808=
=23506901090911=
=13506163372809=
=13506163372510=
=13506163344114=
=23506901090911=
=13506163344415=
=13506163308616=
=23506010110911=
=13506163309717=
=13506163305118=
=23506901031211=
=13506163305319=

5253 kHz, 25-04, 0900 UTC

=13520462386909=
=13520462385810=
=23520901041007=
=13520462317811=
=13520462316812=
=23520901030909=
=13520462315813=
=13522168354813=
=13520462315414=
=23520901011112=
=13522168354214=

5345 kHz, 18-04, 0759 UTC	541 541 541 (R 12m)	5345 kHz, 24-04, 1404 UTC	SET SET SET (R 30m)
5345 kHz, 18-04, 1134 UTC	591 591 591 (R 12m)	5345 kHz, 24-04, 1659 UTC	591 591 591 (R 12m)
5345 kHz, 18-04, 1229 UTC	541 541 541 (R 12m)	5345 kHz, 25-04, 0759 UTC	541 541 541 (R 12m)
5345 kHz, 18-04, 1404 UTC	SET SET SET (R 30m)	5345 kHz, 25-04, 1134 UTC	591 591 591 (R 12m)
5345 kHz, 18-04, 1659 UTC	591 591 591 (R 12m)	5345 kHz, 25-04, 1229 UTC	541 541 541 (R 12m)
5345 kHz, 19-04, 0800 UTC	541 541 541 (R 12m)	5345 kHz, 25-04, 1404 UTC	SET SET SET (R 30m)
5345 kHz, 19-04, 1135 UTC	591 591 591 (R 12m)	5345 kHz, 25-04, 1659 UTC	591 591 591 (R 12m)
5345 kHz, 19-04, 1230 UTC	541 541 541 (R 12m)	5345 kHz, 26-04, 0759 UTC	541 541 541 (R 12m)
5345 kHz, 19-04, 1405 UTC	SET SET SET (R 30m)	5345 kHz, 26-04, 1134 UTC	591 591 591 (R 12m)
5345 kHz, 19-04, 1659 UTC	591 591 591 (R 12m)	5345 kHz, 26-04, 1229 UTC	541 541 541 (R 12m)
5345 kHz, 20-04, 0759 UTC	541 541 541 (R 12m)	5345 kHz, 26-04, 1405 UTC	SET SET SET (R 30m)
5345 kHz, 20-04, 1134 UTC	591 591 591 (R 12m)	5345 kHz, 26-04, 1659 UTC	591 591 591 (R 12m)
5345 kHz, 20-04, 1229 UTC	541 541 541 (R 12m)	5345 kHz, 27-04, 0759 UTC	541 541 541 (R 12m)
5345 kHz, 20-04, 1404 UTC	SET SET SET (R 30m)	5345 kHz, 27-04, 1134 UTC	591 591 591 (R 12m)
5345 kHz, 20-04, 1659 UTC	591 591 591 (R 12m)	5345 kHz, 27-04, 1229 UTC	541 541 541 (R 12m)
5345 kHz, 21-04, 0759 UTC	541 541 541 (R 12m)	5345 kHz, 27-04, 1404 UTC	SET SET SET (R 30m)
5345 kHz, 21-04, 1134 UTC	591 591 591 (R 12m)	5345 kHz, 27-04, 1659 UTC	591 591 591 (R 12m)
5345 kHz, 21-04, 1229 UTC	541 541 541 (R 12m)	5345 kHz, 28-04, 0759 UTC	541 541 541 (R 12m)
5345 kHz, 21-04, 1404 UTC	SET SET SET (R 30m)	5345 kHz, 28-04, 1134 UTC	591 591 591 (R 12m)
5345 kHz, 21-04, 1659 UTC	591 591 591 (R 12m)	5345 kHz, 28-04, 1229 UTC	541 541 541 (R 12m)
5345 kHz, 22-04, 0759 UTC	541 541 541 (R 12m)	5345 kHz, 28-04, 1404 UTC	SET SET SET (R 30m)
5345 kHz, 22-04, 1134 UTC	591 591 591 (R 12m)	5345 kHz, 28-04, 1659 UTC	591 591 591 (R 12m)
5345 kHz, 22-04, 1229 UTC	541 541 541 (R 12m)	5345 kHz, 29-04, 0759 UTC	541 541 541 (R 12m)
5345 kHz, 22-04, 1404 UTC	SET SET SET (R 30m)	5345 kHz, 29-04, 1134 UTC	591 591 591 (R 12m)
5345 kHz, 22-04, 1659 UTC	591 591 591 (R 12m)	5345 kHz, 29-04, 1229 UTC	541 541 541 (R 12m)
5345 kHz, 23-04, 0759 UTC	541 541 541 (R 12m)	5345 kHz, 29-04, 1404 UTC	SET SET SET (R 30m)
5345 kHz, 23-04, 1134 UTC	591 591 591 (R 12m)	5345 kHz, 29-04, 1659 UTC	591 591 591 (R 12m)
5345 kHz, 23-04, 1229 UTC	541 541 541 (R 12m)	5345 kHz, 30-04, 0759 UTC	541 541 541 (R 12m)
5345 kHz, 23-04, 1404 UTC	SET SET SET (R 30m)	5345 kHz, 30-04, 1134 UTC	591 591 591 (R 12m)
5345 kHz, 23-04, 1659 UTC	591 591 591 (R 12m)	5345 kHz, 30-04, 1230 UTC	541 541 541 (R 12m)
5345 kHz, 24-04, 0759 UTC	541 541 541 (R 12m)	5345 kHz, 30-04, 1404 UTC	SET SET SET (R 30m)
5345 kHz, 24-04, 1134 UTC	591 591 591 (R 12m)	5345 kHz, 30-04, 1659 UTC	591 591 591 (R 12m)
5345 kHz, 24-04, 1229 UTC	541 541 541 (R 12m)	5345 kHz, 30-04, 1759 UTC	Hourly beep

M51a / M51b

M51b: 6825 kHz, 29-04, 0750 UTC. Non-stop 5-character groups composed of M51a messages

PALKF HCBDU RTSJZ QJAKI DKLSV WBQHA JKQIO LKDGR VXCDG CBXVM
 YHFGC BSKLA IKQLS DLMXB VWHRT 27648 01984 DHNVX WBSHZ QJKAI
 KLSGF CGVXO LAIJH BXNDY RZYSU QJAIK SKHNQ WCXYR TJGBC VJAPL
 UJDGB ZYHSK 376/3 DHBXJ QKALP SJHGB CVRPA LKHNB CJDUR UJDVG
 XBSJZ QJNWN LAUZR DHBCN XJSUK QLKFG CHNDU HJSTY IKGHD VXBDG
 35271 HNVCH 45383 SHBXJ QJAKL DGFUY HVCND ETDFX IKDHB VDPAJ
 CHFGT SJWNS KQLAI UJDGC BXHRT DHSKZ QJKSG UJGBC VSHRT SJQHU
 35473 SJAKI UHFGC 563/9 HNVXJ SJAKL SMQPO IKHNB CGDLR DHFCV
 FGCKL SJNWK ZUHGC VFRZT SHBWN JSKLZ QLHJR GBCJ

YETSR AUSHQ BWJSU APLMQ BWNH ETSFZ WCQJA UWKQI NDHRT XCWJA
 MQKAU 26438 BXHDI ETXCQ WNBHJ EUIKL AMPLI NwXXV SHATD WNQHA
 UAYDG XVWBD XNQUJ ZKQLA MPWNH JDUET XVCHD SNWJE SKQJA JAKSB
 JAKLO NHDFE 45768 NXHDT WCDGJ NQKAI OLQUA NWJET QFAIJ LOAUY
 KALIU YHDKL NXCDG 35476 BWNQH AYHSK 19065 NCJRT XCSJU IKAOL
 NXJDG FTEUS WNQKI ALPMQ ETDFX 46738 NCBXJ QKALO

M51a: 6825 kHz, 29-04, 0820 UTC

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

SAMEDI 5/LEÇON NUMÉRO 1/2 VITESSE 600 CODÉ =
 VXSYW JSJPO APQOI VCBSh ZXSKL NMVCB EUYSJ KLJHS VCBXH 02564
 BCDWF ?+., ' LPDOU XNCBM XZSAD VCBSh NOLEP VCBSh RYTUI MDJSI
 ,'.?/ NSACQ 58401 KDOEP VMDKW LDOUA ZSWOJ BCNDH KDUEI VCNAQ
 ALPCI 48932 LPQEI ,/.ASVA ZAQID BBCDJ ALKSO XBCHS SJWIX BCNCJ
 CMSKW CZFST 12036 SAWQD .?=? ZNXJS QPLOS DHDWU XBCNS AJSWI
 XETYC VNMSK AQOIW 89564 JGUYI ?/., ' JQIAL OILPU XVAGW DHFGR
 VNMEI SAHWU DDPLI CBSJW 23561 VSDWR ?.,VA' NCPQE XBSHW SKWOP

SABWU CBEYD NBMCK SAJWU XCVWY 43692 BCHWJ .?/AS. CXAFQ JFILH
MNLFP +

SAMEDI 5/LEÇON NUMÉRO 2/2 VITESSE 600 CLAIR =

AINSI LE SECRÉTAIRE GÉNÉRAL DU CONSEIL SUPÉRIEUR DE LA FONCTION MILITAIRE (CSFM) ET CELUI DU HAUT COMITÉ D'ÉVALUATION DE LA CONDITION MILITAIRE SONT, DE DROIT, DES MEMBRES DU CONTRÔLE GÉNÉRAL DES ARMÉES. HABITUELLEMENT, ENTRE VINGT ET TRENTE MEMBRES AU MOINS DU CORPS OCCUPENT DE TELLES FONCTIONS. LA PRODUCTION DU CONTRÔLE COMPREND DES RAPPORTS, DES NOTES D'ÉTUDE, DES COMPTES-RENDUS DES COMMISSAIRES DU GOUVERNEMENT, DES AUDITS... LE CGA PRODUIT UNE CENTAINE DE NOTES D'ÉTUDES ET DE RAPPORTS PAR AN ET PARTICIPE À DE TRÈS NOMBREUSES RÉUNIONS AUXQUELLES IL APPORTE SON EXPERTISE. +

CQ DE FAV22 VA

M76

10858 kHz, 01-04, 1650 UTC

1U5Q IU5Q IU5Q DE NT2H NT2H QTC 268 32 =
26310 14994 91080 41464 63221 19646 30764 81786 01307 60320
90302 55358 38564 90456 40362 17264 41715 10515 36361 4XXXX
RRRRR 207XX WWWWW 73952 27385 51738 56577 05974 98915 50301
5XXXX NNNNN =

267 30 =

40545 79319 53505 93101 19530 92020 36906 05059 37139 94106
33699 34935 01166 19019 47199 15494 02189 01948 15494 02189
01948 15494 52189 01947 19993 31549 45658 16106 41852 05437 =

266 39 =

40545 79319 52505 93101 19530 92020 36906 05059 38139 93997
50633 69934 93501 16619 -1951 19996 01539 74199 95521 89009
55199 96015 39761 99985 21890 09471 54936 21890 09401 54943
99995 02189 00940 15398 71999 70658 16106 42854 37XXX =

265 37 =

40545 79319 51505 93101 19530 92020 36906 05059 37139 93997
00633 69934 93501 16619 01951 19993 51549 42218 90195 11999
35154 95119 99352 18218 90195 01549 51199 93521 89019 46199
93215 49371 99935 65816 10641 15205 437XX =

262 44 =

40545 79429 30505 96133 69509 53092 66090 19371 99950 35515
39851 99938 93535 59019 37199 95035 51539 86199 98235 59019
34199 93693 53551 53986 19998 23559 01934 19993 69353 55153
98519 99553 55187 50593 50631 39942 06336 99341 99935 19993
60111 61185 21543 7XXXX =

261 26 =

40545 79419 39505 96133 69509 53092 65868 48569 00942 35515
39831 99935 35521 86449 40251 18750 59410 63369 93301 11399
40063 36993 70111 61184 20543 7XXXX =

230 20 =

40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =

40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =

13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 AR

10858 kHz, 02-04, 0400 UTC

1U5Q IU5Q IU5Q DE NT2H NT2H QTC 269 32 =
26310 05004 91080 11864 44076 46256 64017 86013 07603 20925
83856 49362 27171 65161 72646 36361 3XXXX RRRRR 202XX WWMWW
74251 57435 15742 519XX DDDDD 08034 81427 70597 49991 55019
13XXX NNNNN =

267 30 =
40545 79319 53505 93101 19530 92020 36906 05059 37139 94106
33699 34935 01166 19019 47199 15494 02189 01948 15494 02189
01948 15494 52189 01947 19993 31549 45658 16106 41852 05437 =

266 39 =
40545 79319 52505 93101 19530 92020 36906 05059 38139 93997
50633 69934 93501 16619 -1951 19996 01539 74199 95521 89009
55199 96015 39761 99985 21890 09471 54936 21890 09401 54943
99995 02189 00940 15398 71999 70658 16106 42854 37XXX =

265 37 =
40545 79319 51505 93101 19530 92020 36906 05059 37139 93997
00633 69934 93501 16619 01951 19993 51549 42218 90195 11999
35154 95119 99352 18218 90195 01549 51199 93521 89019 46199
93215 49371 99935 65816 10641 15205 437XX =

262 44 =
40545 79429 30505 96133 69509 53092 66090 19371 99950 35515
39851 99938 93535 59019 37199 95035 51539 86199 98235 59019
34199 93693 53551 53986 19998 23559 01934 19993 69353 55153
98519 99553 55187 50593 50631 39942 06336 99341 99935 19993
60111 61185 21543 7XXXX =

261 26 =
40545 79419 39505 96133 69509 53092 65868 48569 00942 35515
39831 99935 35521 86449 40251 18750 59410 63369 93301 11399
40063 36993 70111 61184 20543 7XXXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 03-04, 1650 UTC

3P6G 3P6G 3P6G DE 7ÄM6 7ÄM6 QTC 274 31 = followed by several messages

10858 kHz, 04-04, 1650 UTC

PDBR PDBR PDBR DE B6VS B6VS QTC 277 31 =
26310 14924 91080 30264 62430 68644 18317 86020 11209 21003
03856 49053 64015 83621 71644 17263 90893 63603 088XX RRRRR
207XX WWWW 62852 67355 22730 54187 05074 90915 49891 6015X
NNNNN = followed by 8 messages

10858 kHz, 05-04, 0400 UTC

PDBR PDBR PDBR DE B6VS B6VS QTC 278 39 =
26310 04934 91080 30164 62132 44644 25611 86411 83178 60325
66010 11209 21003 03856 49045 64115 83621 71644 17263 90893
63613 089XX RRRRR 207XX WWWWW 71750 47285 08737 504XX DDDDD
24407 71352 09237 77051 74939 15502 91601 5XXXX NNNNN = followed by several messages

10858 kHz, 05-04, 1650 UTC

JLLK JLLK JLLK DE 4YHB 4YHB QTC 282 26 =
26310 15034 91080 25534 01186 41319 40964 11786 01209 25819
92560 30385 64936 21726 06171 61736 3613X RRRRR 202XX 74651
99425 15734 51977 05075 09015 NNNNN =

273 53 =
40545 79429 35505 93301 19530 92043 16666 95059 39139 94496
00633 69937 11993 81399 44960 06336 99382 18505 93813 99429
60063 36993 90119 53661 90194 21999 68153 98218 99629 01941
19993 99371 53982 19993 69359 01942 19994 21539 83199 93790
19421 99982 15398 21999 37930 06418 56582 82538 65769 98082
59937 93343 7XXXX =

262 44 =
40545 79429 30505 96133 69509 53092 66090 19371 99950 35515
39851 99938 93535 59019 37199 95035 51539 86199 98235 59019
34199 93693 53551 53986 19998 23559 01934 19993 69353 55153
98519 99553 55187 50593 50631 39942 06336 99341 99935 19993
60111 61185 21543 7XXXX =

261 26 =
40545 79419 39505 96133 69509 53092 65868 48569 00942 35515
39831 99935 35521 86449 40251 18750 59410 63369 93301 11399
40063 36993 70111 61184 20543 7XXXX =

230 20 =
40545 79409 38505 95133 69530 92236 50581 46619 01940 19993
99751 54930 93093 70417 56477 03201 96907 14657 93125 1437X =

229 21 =
40545 79409 37505 95133 69530 92236 50581 46619 01940 19993
99501 53989 19993 79855 68178 75647 70321 78690 65793 12514
34XXX =

000 18 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959

AR

10858 kHz, 06-04, 1650 UTC

2B4O 2B4O 2B4O DE DFK3 DFK3 QTC 284 28 =
26310 15044 91080 30225 54115 41183 17860 10122 09276 38564
91583 62172 60417 16170 89363 61308 9XXXX RRRRR 202XX WWWWW
74253 174T5 33733 50777 05075 07916 914XX NNNNN = followed by several messages

10858 kHz, 07-04, 1650 UTC

Y1N7 Y1N Y1N7 DE UI5E UI5E QTC 288 30 =
26310 05054 91080 25611 86402 55142 64118 31785 90011 20927
61523 19385 64915 83621 72718 17161 73636 13089 RRRRR 202XX
WWWWW 73852 97345 40738 52977 05075 15915 49891 6913X NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

273 53 =
40545 79429 35505 93301 19530 92043 16666 95059 39139 94496
00633 69937 11993 81399 44960 06336 99382 18505 93813 99429
60063 36993 90119 53661 90194 21999 68153 98218 99629 01941
19993 99371 53982 19993 69359 01942 19994 21539 83199 93790
19421 99982 15398 21999 37930 06418 56582 82538 65769 98082
59937 93343 7XXXX =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 08-04, 0400 UTC

Y1N7 Y1N Y1N7 DE UI5E UI5E QTC 289 29 =
26310 05164 91080 40964 11831 78601 01120 92583 85649 15845
93621 71646 17264 33636 16089 RRRRR 206XX WWWWW 73652 67395
44736 544XX DDDDD 21077 05075 17915 50491 6015X NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

273 53 =
40545 79429 35505 93301 19530 92043 16666 95059 39139 94496
00633 69937 11993 81399 44960 06336 99382 18505 93813 99429
60063 36993 90119 53661 90194 21999 68153 98218 99629 01941
19993 99371 53982 19993 69359 01942 19994 21539 83199 93790
19421 99982 15398 21999 37930 06418 56582 82538 65769 98082
59937 93343 7XXXX =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 08-04, 1652 UTC

HE3C HE3C HE3C DE WÜFL WÜFL QTC 290 34 =
26310 15064 91080 25614 26402 55142 30164 11831 78599 01125
56012 09252 21038 56491 58359 36217 26411 71645 08936 36150
89XXX RRRRR 206XX WWWWW 73750 87395 29738 52677 05074 97500
91549 89160 15XXX NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

273 53 =
40545 79429 35505 93301 19530 92043 16666 95059 39139 94496
00633 69937 11993 81399 44960 06336 99382 18505 93813 99429

60063 36993 90119 53661 90194 21999 68153 98218 99629 01941
19993 99371 53982 19993 69359 01942 19994 21539 83199 93790
19421 99982 15398 21999 37930 06418 56582 82538 65769 98082
59937 93343 7XXXX =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 09-04, 0400 UTC

HE3C HE3C HE3C DE WÜFL WÜFL QTC 291 36 =
26310 05074 01080 24514 23916 40266 30030 16411 84178 65101
12092 76385 65015 83593 62171 64817 26430 89363 31508 9XXXX
RRRRR 206XX WWWW 73151 57375 04733 515XX DDDDD 21003 00760
81770 50751 79155 02916 015XX NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

273 53 =
40545 79429 35505 93301 19530 92043 16666 95059 39139 94496
00633 69937 11993 81399 44960 06336 99382 18505 93813 99429
60063 36993 90119 53661 90194 21999 68153 98218 99629 01941
19993 99371 53982 19993 69359 01942 19994 21539 83199 93790
19421 99982 15398 21999 37930 06418 56582 82538 65769 98082
59937 93343 7XXXX =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 09-04, 1650 UTC

AWAÄ AWAÄ AWAÄ DE ÜH6J ÜH6J QTC 293 35 =
26310 15074 91080 25664 00813 00641 25524 36440 61646 18317
85990 61125 60101 12092 58063 03138 56490 53362 17064 81726
41089 36351 4089X RRRRR 202XX WWWW 72551 57335 11740 53177
05075 15915 57091 6914X NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 10-04, 0400 UTC

AWAÄ AWAÄ AWAÄ DE ÜH6J ÜH6J QTC 294 39 =
26310 15074 91080 30030 16410 81644 24306 16461 83178 60106
16030 11209 21003 13856 49158 35936 21706 48172 64108 93636
14089 RRRRR 207XX WWWWW 72051 97205 03735 507XX DDDDD 08130
01786 01061 60301 10307 70507 51391 54999 16914 NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 10-04, 1650 UTC

O2UY O2UY O2UY DE S5B5 S5B5 QTC 295 31 =
26310 15084 91080 30064 92553 02646 18317 86020 11209 13503
03856 49053 60215 83631 72614 17161 70893 63615 089XX RRRRR
207XX WWWWW 71752 27195 19727 511XX 77050 75119 15503 914XX
NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 11-04, 0400 UTC

O2UY O2UY O2UY DE S5B5 S5B5 QTC 296 32 =
26310 05094 91080 11864 61832 43178 60301 12091 35030 38564
96491 58053 36217 16481 72644 08936 36160 89XXX RRRRR 206XX
WWWWW 71955 17185 29723 529XX 77050 74969 15499 913XX DDDDD
327XX NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 11-04, 1650 UTC

RAQP RAQP RAQP DE EOL1 EOL1 QTC 217 28 =
26310 05094 91080 30264 62436 23183 17860 10111 35130 38564

29570 53362 17281 01716 14089 36361 4089X RRRRR 207XX WWWWW
75154 17115 58717 56977 05065 95915 505XX NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 12-04, 0400 UTC

RAQP RAQP RAQP DE EOL1 EOL1 QTC 298 32 =
26310 05104 91080 11830 26441 84178 60101 12091 35030 38565
01580 53462 18164 91726 44089 36461 5089X RRRRR 207XX WWWWW
75154 67165 29750 43371 05065 92915 50291 6XXXX DDDDD 25807
247X NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 12-04, 1650 UTC

K8YM K8YM K8YM DE G44U G44U QTC 299 36 =
26310 15104 91080 11864 11832 55348 41564 41831 78601 25559
90112 09276 25626 73856 49158 04560 41583 62172 61017 16490
89363 61508 9XXXX RRRRR 207XX WWWWW 75052 37165 23716 52777
05074 97498 91550 39169 13XXX NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 13-04, 0400 UTC

K8YM K8YM K8YM DE G44U G44U QTC 200 37 =
26310 05114 91080 30264 13484 15641 18417 85911 11061 60101
12092 58199 18703 13856 49158 35936 21716 23098 17264 40893
63614 089XX RRRRR 202XX WWWWW 74851 57475 13716 543XX DDDDD
08041 55990 11061 60101 12091 99151 NNNNN =

287 21 =
40545 79439 32505 95309 20351 92843 28296 39316 09844 61450
59390 63369 94013 99400 63369 94301 19532 82113 73665 79332
51437 =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 13-04, 1650 UTC

8MJI 8MJI 8MJI DE 5VN9 5VN9 QTC 302 30 =
26310 15114 91080 25640 86402 55409 64418 31786 00011 20925
83856 55158 36217 16221 72646 08936 36160 89XXX RRRRR 202XX
WWWWW 74151 57435 15747 55177 05074 95915 50391 6015X NNNNN =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 14-04, 0400 UTC

8MJI 8MJI 8MJI DE 5VN9 5VN9 QTC 303 35 =
26310 05124 91080 41564 10616 44183 17860 10112 09258 04313
53856 49158 35936 21716 21172 64608 93636 16089 RRRRR 202XX
WWWWW 72550 87445 26742 565XX DDDDD 27603 00803 01242 77050
74969 15498 91691 4XXXX NNNNN =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 14-04, 1650 UTC

INOW INOW INOW DE 6332 6332 QTC 304 35 =
26310 15124 91080 11840 86411 83255 41540 86410 61644 18317
76012 09210 03006 43253 85649 15805 33626 46089 17165 10893
63616 089XX RRRRR 206XX WWWWW 73153 37385 51737 56377 05074
97502 91550 49169 14XXX NNNNN =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 15-04, 0400 UTC

INOW INOW INOW DE 6332 6332 QTC 305 33 =
26310 05134 91080 41564 11831 78601 01120 92100 31385 64915
80533 62171 65108 91726 46089 36461 6088X RRRRR 202XX WWWWW
73753 37375 83734 576XX DDDDD 07508 01417 70507 49750 59155
02916 113XX NNNNN =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 15-04, 1652 UTC

NRIH NRIH NRIH DE Ä9AF Ä9AF QTC 310 35 =
26310 15134 91080 41540 96411 83256 25514 26410 68644 18317
86010 11209 13503 03856 49158 05364 01583 62172 64818 91716
50089 36361 6089X RRRRR 207XX WWWWW 73751 57395 33739 58477
05075 07915 50491 6015X NNNNN =

309 35 =
40545 79439 38505 94593 49530 92020 36906 03156 31505 93093
59600 63139 94296 00633 69949 21895 09349 53092 04265 86848
55791 90093 09381 99930 98915 39871 99947 93721 86449 35251
65816 10641 85218 20543 7XXXX =

308 41 =
40545 79439 37505 94593 49530 92029 36906 05059 41930 93006
31399 43975 06336 99492 18950 93495 30920 42661 90095 51999
35153 97419 99359 00955 19993 51539 777900 94715 49309 35199
93590 09491 53843 19993 39009 40153 98719 99386 58161 06418
5437X =

307 44 =
40545 79439 36505 94593 49530 92020 36906 05059 30937 94506
31399 42945 06336 99499 34218 50593 09379 45063 13994 19309
30063 36995 09339 53092 04266 19009 45199 93515 39741 99935
90095 51999 35153 97790 09501 53989 19993 49009 50153 97919
99326 58161 06418 5437X BT

306 41 =
40545 79439 35505 94593 49530 92020 36996 05059 30937 93093
00631 39931 93997 09633 69949 21895 09349 53092 04266 19019
61199 93515 49409 01951 19993 51549 51199 93590 19501 54951
19993 59019 46199 93215 49309 37199 93565 81611 85218 20543
7XXXX =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 16-04-2023 0400 M76
NRIH NRIH NRIH DE Ä9AF Ä9AF QTC 311 33 =
26310 05144 91080 24230 16411 83178 60101 12091 35030 38565
01684 61053 36217 17230 89172 64408 93636 16080 RRRRR 207XX
WWWWW 73554 07365 07509 73557 1XXXX DDDDD 00752 27705 07509
91601 5XXXX NNNNN =

309 35 =
40545 79439 38505 94593 49530 92020 36906 03156 31505 93093
59600 63139 94296 00633 69949 21895 09349 53092 04265 86848
55791 90093 09381 99930 98915 39871 99947 93721 86449 35251
65816 10641 85218 20543 7XXXX =

308 41 =
40545 79439 37505 94593 49530 92029 36906 05059 41930 93006
31399 43975 06336 99492 18950 93495 30920 42661 90095 51999
35153 97419 99359 00955 19993 51539 77900 94715 49309 35199
93590 09491 53843 19993 39009 40153 98719 99386 58161 06418
5437X =

307 44 =
40545 79439 36505 94593 49530 92020 36906 05059 30937 94506
31399 42945 06336 99499 34218 50593 09379 45063 13994 19309
30063 36995 09339 53092 04266 19009 45199 93515 39741 99935
90095 51999 35153 97790 09501 53989 19993 49009 50153 97919
99326 58161 06418 5437X =

306 41 =
40545 79439 35505 94593 49530 92020 36996 05059 30937 93093
00631 39931 93997 09633 69949 21895 09349 53092 04266 19019
61199 93515 49409 01951 19993 51549 51199 93590 19501 54951
19993 59019 46199 93215 49309 37199 93565 81611 85218 20543
7XXXX =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 16-04, 1650 UTC

LC9Ü LC9Ü LC9Ü DE TSU8 TSU8 QTC 316 26 =
26310 15144 91080 14264 11786 01209 13503 03856 49053 36217
15085 13172 64436 3616X RRRRR 207XX WWWWW 73154 47335 33730
55177 05075 09915 49801 5XXXX NNNNN =

313 24 =
40545 79449 30505 94601 19539 92020 36906 05059 35960 13994
00633 69950 21895 10119 53092 90096 01999 35957 96621 86449
40658 16106 41852 05437 =

312 32 =
40545 79439 39505 94601 19539 92020 36906 05059 37139 94106
33699 50951 01195 30926 61901 94719 99331 54940 21890 19481
54940 21890 19481 54945 21890 19471 99933 15494 56581 61064
18520 5437X =

309 35 =
40545 79439 38505 94593 49530 92020 36906 03156 31505 93093
59600 63139 94296 00633 69949 21895 09349 53092 04265 86848
55791 90093 09381 99930 98915 39871 99947 93721 86449 35251
65816 10641 85218 20543 7XXXX =

308 41 =
40545 79439 37505 94593 49530 92029 36906 05059 41930 93006
31399 43975 06336 99492 18950 93495 30920 42661 90095 51999
35153 97419 99359 00955 19993 51539 77900 94715 49309 35199
93590 09491 53843 19993 39009 40153 98719 99386 58161 06418
5437X =

307 44 =
40545 79439 36505 94593 49530 92020 36906 05059 30937 94506
31399 42945 06336 99499 34218 50593 09379 45063 13994 19309

30063 36995 09339 53092 04266 19009 45199 93515 39741 99935
90095 51999 35153 97790 09501 53989 19993 49009 50153 97919
99326 58161 06418 5437X =

306 41 =
40545 79439 35505 94593 49530 92020 36996 05059 30937 93093
00631 39931 93997 09633 69949 21895 09349 53092 04266 19019
61199 93515 49409 01951 19993 51549 51199 93590 19501 54951
19993 59019 46199 93215 49309 37199 93565 81611 85218 20543
7XXXX =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 17-04, 1650 UUTC
Repeated at 1715z. Off after group 5 of message 313.

7TR6 7TR6 7TR6 DE MKQA MKQA QTC 318 28 =
26310 15154 91080 14230 16441 83178 60101 12100 3T385 64905
33621 72654 17162 10893 H3616 089XX RRRRR 207XX WWWWW 72654
77255 47728 53777 05075 09915 50691 6015X NNNNN =

313 24 =
40545 79449 30505 94601 19539 92020 36906 05059 35960 13994
00633 69950 21895 10119 53092 90096 01999 35957 96621 86449
40658 16106 41852 05437 =

312 32 =
40545 79439 39505 94601 19539 92020 36906 05059 37139 94106
33699 50951 01195 30926 61901 94719 99331 54940 21890 19481
54940 21890 19481 54945 21890 19471 99933 15494 56581 61064
18520 5437X =

309 35 =
40545 79439 38505 94593 49530 92020 36906 03156 31505 93093
59600 63139 94296 00633 69949 21895 09349 53092 04265 86848
55791 90093 09381 99930 98915 39871 99947 93721 86449 35251
65816 10641 85218 20543 7XXXX =

308 41 =
40545 79439 37505 94593 49530 92029 36906 05059 41930 93006
31399 43975 06336 99492 18950 93495 30920 42661 90095 51999
35153 97419 99359 00955 19993 51539 77900 94715 49309 35199
93590 09491 53843 19993 39009 40153 98719 99386 58161 06418
5437X =

307 44 =
40545 79439 36505 94593 49530 92020 36906 05059 30937 94506
31399 42945 06336 99499 34218 50593 09379 45063 13994 19309
30063 36995 09339 53092 04266 19009 45199 93515 39741 99935
90095 51999 35153 97790 09501 53989 19993 49009 50153 97919
99326 58161 06418 5437X =

306 41 =
40545 79439 35505 94593 49530 92020 36996 05059 30937 93093
00631 39931 93997 09633 69949 21895 09349 53092 04266 19019
61199 93515 49409 01951 19993 51549 51199 93590 19501 54951
19993 59019 46199 93215 49309 37199 93565 81611 85218 20543

7XXXX =

000 22 =

13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 18-04, 1650 UTC

BGSS BGSS BGSS DE F7YD F7YD QTC 320 33 =
26310 15164 91080 25630 06411 83255 34830 26441 83178 60029
92760 30385 64915 80456 00011 36217 26460 89171 63008 93636
16089 RRRRR 207XX WWWWW 73150 87345 08735 53377 05075 07915
50591 6914X NNNNN =

313 24 =

40545 79449 30505 94601 19539 92020 36906 05059 35960 13994
00633 69950 21895 10119 53092 90096 01999 35957 96621 86449
40658 16106 41852 05437 =

312 32 =

40545 79439 39505 94601 19539 92020 36906 05059 37139 94106
33699 50951 01195 30926 61901 94719 99331 54940 21890 19481
54940 21890 19481 54945 21890 19471 99933 15494 56581 61064
18520 5437X =

309 35 =

40545 79439 38505 94593 49530 92020 36906 03156 31505 93093
59600 63139 94296 00633 69949 21895 09349 53092 04265 86848
55791 90093 09381 99930 98915 39871 99947 93721 86449 35251
65816 10641 85218 20543 7XXXX =

308 41 =

40545 79439 37505 94593 49530 92029 36906 05059 41930 93006
31399 43975 06336 99492 18950 93495 30920 42661 90095 51999
35153 97419 99359 00955 19993 51539 77900 94715 49309 35199
93590 09491 53843 19993 39009 40153 98719 99386 58161 06418
5437X =

307 44 =

40545 79439 36505 94593 49530 92020 36906 05059 30937 94506
31399 42945 06336 99499 34218 50593 09379 45063 13994 19309
30063 36995 09339 53092 04266 19009 45199 93515 39741 99935
90095 51999 35153 97790 09501 53989 19993 49009 50153 97919
99326 58161 06418 5437X =

306 41 =

40545 79439 35505 94593 49530 92020 36996 05059 30937 93093
00631 39931 93997 09633 69949 21895 09349 53092 04266 19019
61199 93515 49409 01951 19993 51549 51199 93590 19501 54951
19993 59019 46199 93215 49309 37199 93565 81611 85218 20543
7XXXX =

000 22 =

13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 19-04, 1650 UTC

4ÄTB 4ÄTB 4ÄTB DE 9QJN 9QJN QTC 322 32 =
26310 15174 91080 11864 43193 48415 64118 31785 99011 29927
62562 67385 65015 83593 62171 61717 26129 89363 61908 9XXXX
RRRRR 207XX WWWWW 74551 17515 07741 50377 05074 95915 50591
6015X NNNNN =

313 24 =
40545 79449 30505 94601 19539 92020 36906 05059 35960 13994
00633 69950 21895 10119 53092 90096 01999 35957 96621 86449
40658 16106 41852 05437 =

312 32 =
40545 79439 39505 94601 19539 92020 36906 05059 37139 94106
33699 50951 01195 30926 61901 94719 99331 54940 21890 19481
54940 21890 19481 54945 21890 19471 99933 15494 56581 61064
18520 5437X =

309 35 =
40545 79439 38505 94593 49530 92020 36906 03156 31505 93093
59600 63139 94296 00633 69949 21895 09349 53092 04265 86848
55791 90093 09381 99930 98915 39871 99947 93721 86449 35251
65816 10641 85218 20543 7XXXX =

308 41 =
40545 79439 37505 94593 49530 92029 36906 05059 41930 93006
31399 43975 06336 99492 18950 93495 30920 42661 90095 51999
35153 97419 99359 00955 19993 51539 77900 94715 49309 35199
93590 09491 53843 19993 39009 40153 98719 99386 58161 06418
5437X =

307 44 =
40545 79439 36505 94593 49530 92020 36906 05059 30937 94506
31399 42945 06336 99499 34218 50593 09379 45063 13994 19309
30063 36995 09339 53092 04266 19009 45199 93515 39741 99935
90095 51999 35153 97790 09501 53989 19993 49009 50153 97919
99326 58161 06418 5437X =

306 41 =
40545 79439 35505 94593 49530 92020 36996 05059 30937 93093
00631 39931 93997 09633 69949 21895 09349 53092 04266 19019
61199 93515 49409 01951 19993 51549 51199 93590 19501 54951
19993 59019 46199 93215 49309 37199 93565 81611 85218 20543
7XXXX =

000 22 =
13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 20-04, 0400 UTC

4ÄTB 4ÄTB 4ÄTB DE 9QJN 9QJN QTC 323 35 =
26310 05184 91080 11830 26018 32170 67415 17859 90112 09258
20915 23856 49158 45905 33621 71622 17264 60893 63610 89XXX
RRRRR 202XX WWWWW 74951 97455 19751 507XX DDDDD 07535 87705
07915 91550 59269 13XXX NNNNN =

313 24 =
40545 79449 30505 94601 19539 92020 36906 05059 35960 13994
00633 69950 21895 10119 53092 90096 01999 35957 96621 86449

40658 16106 41852 05437 =

312 32 =

40545 79439 39505 94601 19539 92020 36906 05059 37139 94106
33699 50951 01195 30926 61901 94719 99331 54940 21890 19481
54940 21890 19481 54945 21890 19471 99933 15494 56581 61064
18520 5437X =

309 35 =

40545 79439 38505 94593 49530 92020 36906 03156 31505 93093
59600 63139 94296 00633 69949 21895 09349 53092 04265 86848
55791 90093 09381 99930 98915 39871 99947 93721 86449 35251
65816 10641 85218 20543 7XXXX =

308 41 =

40545 79439 37505 94593 49530 92029 36906 05059 41930 93006
31399 43975 06336 99492 18950 93495 30920 42661 90095 51999
35153 97419 99359 00955 19993 51539 77900 94715 49309 35199
93590 09491 53843 19993 39009 40153 98719 99386 58161 06418
5437X =

307 44 =

40545 79439 36505 94593 49530 92020 36906 05059 30937 94506
31399 42945 06336 99499 34218 50593 09379 45063 13994 19309
30063 36995 09339 53092 04266 19009 45199 93515 39741 99935
90095 51999 35153 97790 09501 53989 19993 49009 50153 97919
99326 58161 06418 5437X =

306 41 =

40545 79439 35505 94593 49530 92020 36996 05059 30937 93093
00631 39931 93997 09633 69949 21895 09349 53092 04266 19019
61199 93515 49409 01951 19993 51549 51199 93590 19501 54951
19993 59019 46199 93215 49309 37199 93565 81611 85218 20543
7XXXX =

000 22 =

13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371
99940 938XX

AR

10858 kHz, 20-04, 1651 UTC

DWÜ3 DWÜ3 DWÜ3 DE VUOV VUOV QTC 328 30 =
26310 15184 91080 30264 61831 78601 01120 92760 30385 65915
80533 62172 64617 16190 89363 61708 9XXXX RRRRR 207XX WWWW
75052 97165 26749 533XX 77050 75079 15501 91601 5XXXX NNNNN =

313 24 =

40545 79449 30505 94601 19539 92020 36906 05059 35960 13994
00633 69950 21895 10119 53092 90096 01999 35957 96621 86449
40658 16106 41852 05437 =

312 32 =

40545 79439 39505 94601 19539 92020 36906 05059 37139 94106
33699 50951 01195 30926 61901 94719 99331 54940 21890 19481
54940 21890 19481 54945 21890 19471 99933 15494 56581 61064
18520 5437X =

000 22 =

13093 11999 33199 93519 99371 99939 19994 11999 43199 94519
99471 99949 19995 11999 53199 95519 99571 99959 19994 09371

99940 938XX

AR

10858 kHz, 21-04, 1650 UTC. Another unpleasantly long broadcast. No less that 68 minutes.

UYCE UYCE UYCE DE QJIT QJIT QTC 339 32 =
26310 15194 91080 11864 63193 48142 64418 31785 99011 20927
60313 85649 05359 91583 62172 64617 16200 89363 61718 9XXXX
RRRRR 207XX WWWW 75052 77515 23750 533XX 77050 74969 15504
913XX NNNNN =

followed by 8 messages

AR

10858 26-04-2023 1650 M76 CW (AB-AUT)
G5PU G5PU G5PU DE WJUK WJUK QTC 352 27 =
26310 15244 91080 30064 61831 78602 01120 92763 85649 15836
21726 14171 62236 36170 89XXX RRRRR 207XX WWWW 73850 87425
08736 52977 05074 93915 79891 6913X NNNNN =

followed by several messages

M89 - Chinese Military

5566 kHz, 06-04, 1454 kHz, i.p.	= U AT 01 CHAN KPI AR
= QRW U MSG AGN HW ? AR	= MSG MUTI U AGN HW ? AR
= QRJ U MSG AGN HW ? AR	= MSG MUTI U AGN HW ? AR K
= QSB U QSY TO 01 AR	= PSE QRW 4177 AT 1200 K PSE AR
= QSB U QSY TO 01 AR K	= PSE QRW 4177 AT 1200 K PSE AR
= RPT 01W TO 03W AR	= HR WK NR 0.02 AR
= RPT 01W TO 03 W AR	= HR WK NR 002 AR
= QSB CHG OLD HAND WK AR	= NIL SK GB AR
= QSD PSE CHG OLD HAND WK AR	= RAT 150 U .. AGN HR ? AR
= QRM PSE QSY TO 02 AR	= RATE 150 SX U 7G AGN HR ? AR
= QRM PSE QSY TO 02 AR	= QSA 1 PSE U CHG FREQ AR
= PSE RPT MSG PBL HW ? AR	= QSA 1 PSE U CHG FREQ AR
= PSE RPT MSG PBL HW ? AR	= PSE TC. . BL AR
= HR MSG GA PSE CY HW ? AR	= PSE .C MSG ? BL AR
= HR MSG GA PSE CY HW ? AR	= BOZ CHG CW WK AR
= BOZ CHG DMSG WK HR ? AR	= BOZ CHG CW WK AR
= BOZ CHG DMSG WK HR ? AR	= PSE NOTE TIME AR
= PSE U LL HR HW ? AR	= PSE NOTE TIME AR
= PSE U LL HR HW ? AR	= QRJ PSE U QRS HW ? AR
= U AT 01 CHAN KPI	= QRJ PSE U QRS HW? AR

4653 kHz, 08-04, 1207 UTC, i.p.
A5 = FM ? A5ND A4U5 U =
5III ? UN5T 53TN 475T 76T5 UT36 U63T U365 6TN3 A37N 5UAT N473 ...
AR K
RPT K RPT K R
RPT 1P 28W TO 40W = UA3D T5NA N6D3 A365 ...
R SK SK

4256 kHz, 12-04, 1854 UTC, i.p.
R HR MSG GA K
R MSG NR 0060 CK 121 22 0413 0220 RMKS 0555 TO 0055 K
= T577 576A TA36 6TA5 56AD TATA NA7D D757 TTA5 TA57 6DNU 35DA 46T4 6U3T ...

M95 - Chinese Military

4364//8073 kHz, 08-04, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

4364//8073 kHz, 08-04, 1138 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)

HR MSG GA PSE CY

NR 0296 CK 253 35 0408 1553 =

TTD 3U6 3AN 3U7 TAU 773 353 4T3 NN3 447 46D 3D5 ...

4243//9054 kHz, 23-04, 1144 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 23-04, 1148 UTC, M95: CW

VVV HR 7G TO YR PSE CY

NR 029 CK 38 35 0423 1528 =

5AA UTT TU3 ...

8073 kHz, 23-04, 1130 UTC, V26: USB. XSV85: callup in Chinese voice. Female operator

8073 kHz, 23-04, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

8073 kHz, 23-04, 1138 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)

HR MSG GA PSE CY

NR 0331 CK 242 35 0423 1617 =

T23 3U6 3AN 3U7 TAU 773 TA7 773 353 35N ...

UM04 - PROMRCh

4735 kHz, 01-04, 0700 UTC

VVVVV PROMRCh = 0104 =

1000 1020 1070 1220 1690

1200 1170 1210 1360 1860

1400 1200 1240 1380 1870

1600 1200 1190 1340 1810

1800 1110 1160 1290 1800

2000 0840 0770 1110 1300

2200 0670 0690 0790 0990

0000 0610 0620 0670 0870

0200 0550 0570 0630 0800

0400 0540 0560 0610 0800

0600 0460 0480 0530 0710

0800 0800 0840 1000 1440

= ABV

VVVVV PROMRCh = 0104 =

1000 1020 1070 1220 1690

1200 1170 1210 1360 1860

1400 1200 1240 1380 1870

1600 1200 1190 1340 1810

1800 1110 1160 1290 1800

2000 0840 0770 1110 1300

2200 0670 0690 0790 0990

0000 0610 0620 0670 0870

0200 0550 0570 0630 0800

0400 0540 0560 0610 0800

0600 0460 0480 0530 0710

0800 0800 0840 1000 1440

= AR

4735 kHz, 02-04, 0700 UTC

VVV VVV PROMRCh = 02 04 =

1000 1020 1060 1210 1690

1200 1170 1210 1360 1860

1400 1190 1230 1380 1860

1600 1150 1190 1330 1800

1800 1110 1150 1300 1800

2000 0840 0870 0970 1300

2200 0670 0690 0760 0990

0000 0600 0620 0670 0870

0200 0560 0570 0630 0810

0400 0550 0560 0610 0800

0600 0460 0470 0530 0710

0800 0800 0840 1000 1440

= ABV

VVV VVV PROMRCh = 02 04 =

1000 1020 1060 1210 1690

1200 1170 1210 1360 1860

1400 1190 1230 1380 1860

1600 1150 1190 1330 1800

1800 1110 1150 1300 1800

2000 0840 0870 0970 1300

2200 0670 0690 0760 0990

0000 0600 0620 0670 0870

0200 0560 0570 0630 0810

0400 0550 0560 0610 0800

0600 0460 0470 0530 0710

0800 0800 0840 1000 1440

= AR

4735 kHz, 03-04, 0700 UTC

VVV VVV PROMRCh = 03 = 04 =

1000 1010 1050 1200 1680

1200 1160 1200 1350 1840

1400 1180 1220 1370 1840

1600 1140 1180 1320 1790

1800 1100 1140 1290 1790

2000 0840 0870 0970 1290

2200 0670 0690 0760 1000

2400 0610 0620 0680 0870

0200 0570 0580 0630 0810

0400 0550 0560 0610 0800

0600 0460 0480 0530 0720

0800 0790 0840 0980 1420

= ABV =

VVV VVV PROMRCh = 03 04 =

1000 1010 1050 1200 1680

1200 1160 1200 1350 1840

1400 1180 1220 1370 1840

1600 1140 1180 1320 1790

1800 1100 1140 1290 1790

2000 0840 0870 0970 1290

2200 0670 0690 0760 1000

2400 0610 0620 0680 0870

0200 0570 0580 0630 0810

0400 0550 0560 0610 0800

0600 0460 0480 0530 0720

0800 0790 0840 0980 1420

= AR

4735 kHz, 04-04, 0700 UTC

VVV VVV PROMRCh = 04 04 =

1000 1000 1040 1190 1660

1200 1150 1190 1340 1830

1400 1180 1210 1350 1830

1600 1130 1160 1300 1780

1800 1090 1130 1280 1770

2000 0840 0870 0960 1300

2200 0660 0680 0750 0990

0000 0610 0620 0680 0870

0200 0570 0580 0630 0810

0400 0550 0560 0610 0800

0600 0460 0480 0540 0730

0800 0790 0830 0980 1410

= ABV

VVV VVV PROMRCh = 04 04 =

1000 1000 1040 1190 1660

1200 1150 1190 1340 1830

1400 1180 1210 1350 1830

1600 1130 1160 1300 1780

1800 1090 1130 1280 1770

2000 0840 0870 0960 1300

2200 0660 0680 0750 0990

0000 0610 0620 0680 0870

0200 0570 0580 0630 0810

0400 0550 0560 0610 0800

0600 0460 0480 0540 0730

0800 0790 0830 0980 1410

= AR

4735 kHz, 05-04, 0700 UTC

VVVVV PROMRCh = 0504 =
1000 1000 1040 1190 1660
1200 1150 1190 1340 1820
1400 1180 1220 1360 1830
1600 1130 1170 1310 1770
1800 1090 1130 1280 1770
2000 0840 0870 0970 1300
2200 0670 0690 0760 1000
0000 0610 0620 0680 0870
0200 0560 0570 0630 0800
0400 0540 0560 0610 0790
0600 0460 0480 0540 0730
0800 0780 0820 0970 1400
= ABV

VVVVV PROMRCh = 0504 =
1000 1000 1040 1190 1660
1200 1150 1190 1340 1820
1400 1180 1220 1360 1830
1600 1130 1170 1310 1770
1800 1090 1130 1280 1770
2000 0840 0870 0970 1300
2200 0670 0690 0760 1000
0000 0610 0620 0680 0870
0200 0560 0570 0630 0800
0400 0540 0560 0610 0790
0600 0460 0480 0540 0730
0800 0780 0820 0970 1400
= AR

4735 kHz, 09-04, 0700 UTC

VVVVV PROMRCh = 09 04 =
1000 0970 1010 1150 1590
1200 1120 1160 1300 1760
1400 1150 1190 1330 1780
1600 1100 1140 1280 1730
1800 1060 1100 1250 1720
2000 0850 0880 0980 1320
2200 0670 0690 0770 1010
2400 0620 0630 0690 0880
0200 0570 0580 0640 0820
0400 0550 0560 0620 0800
0600 0480 0500 0560 0760
0800 0760 0810 0950 1360
= ABV

VVVVV PROMRCh = 09 04 =
1000 0970 1010 1150 1590
1200 1120 1160 1300 1760
1400 1150 1190 1330 1780
1600 1100 1140 1280 1730
1800 1060 1100 1250 1720
2000 0850 0880 0980 1320
2200 0670 0690 0770 1010
2400 0620 0630 0690 0880
0200 0570 0580 0640 0820
0400 0550 0560 0620 0800
0600 0480 0500 0560 0760
0800 0760 0810 0950 1360
= AR

4735 kHz, 06-04, 0700 UTC

VVV VVV PROMRCh = 06 04 =
1000 0990 1030 1180 1640
1200 1140 1180 1330 1800
1400 1170 1200 1350 1820
1600 1120 1160 1300 1760
1800 1080 1120 1270 1760
2000 0850 0870 0980 1310
2200 0670 0690 0760 1000
0000 0610 0620 0680 0870
0200 0570 0580 0630 0810
0400 0550 0560 0620 0800
0600 0470 0490 0550 0740
0800 0770 0820 0960 1390
= ABV

VVV VVV PROMRCh = 06 04 =
1000 0990 1030 1180 1640
1200 1140 1180 1330 1800
1400 1170 1200 1350 1820
1600 1120 1160 1300 1760
1800 1080 1120 1270 1760
2000 0850 0870 0980 1310
2200 0670 0690 0760 1000
0000 0610 0620 0680 0870
0200 0570 0580 0630 0810
0400 0550 0560 0620 0800
0600 0470 0490 0550 0740
0800 0770 0820 0960 1390
= AR

4735 kHz, 10-04, 0700 UTC

VVVVVV PROMRCh = 10 04 =
1000 0970 1000 1140 1590
1200 1110 1150 1290 1750
1400 1150 1180 1320 1870
1600 1100 1130 1270 1730
1800 1050 1100 1240 1710
2000 0850 0880 0980 1330
2200 0670 0690 0760 1000
0000 0620 0630 0680 0880
0200 0570 0580 0640 0820
0400 0550 0560 0620 0800
0600 0480 0500 0580 0810
0800 0760 0800 0940 1350
= ABV

VVVVVV PROMRCh = 10 04 =
1000 0970 1000 1140 1590
1200 1110 1150 1290 1750
1400 1150 1180 1320 1870
1600 1100 1130 1270 1730
1800 1050 1100 1240 1710
2000 0850 0880 0980 1330
2200 0670 0690 0760 1000
0000 0620 0630 0680 0880
0200 0570 0580 0640 0820
0400 0550 0560 0620 0800
0600 0480 0500 0580 0810
0800 0760 0800 0940 1350
= AR

4735 kHz, 07-04, 0734 UTC

VVV VVV PROMRCh = 07 04 =
1000 0990 1020 1170 1630
1200 1140 1180 1320 1790
1400 1160 1200 1340 1810
1600 1120 1150 1290 1760
1800 1080 1120 1260 1750
2000 0850 0880 0980 1320
2200 0670 0690 0760 1000
0000 0610 0630 0680 0880
0200 0570 0580 0640 0810
0400 0550 0560 0610 0800
0600 0470 0490 0550 0750
0800 0770 0820 0960 1380
= ABV

VVV VVV PROMRCh = 07 04 =
1000 0990 1020 1170 1630
1200 1140 1180 1320 1790
1400 1160 1200 1340 1810
1600 1120 1150 1290 1760
1800 1080 1120 1260 1750
2000 0850 0880 0980 1320
2200 0670 0690 0760 1000
0000 0610 0630 0680 0880
0200 0570 0580 0640 0810
0400 0550 0560 0610 0800
0600 0470 0490 0550 0750
0800 0770 0820 0960 1380
= AR

4735 kHz, 11-04, 0702 UTC

VVVVV PROMRCh = 1104 =
1000 0950 0990 1130 1560
1200 1110 1140 1280 1730
1400 1150 1180 1320 1770
1600 1090 1130 1270 1710
1800 1050 1090 1230 1700
2000 0850 0880 0990 1330
2200 0670 0690 0770 1010
0000 0620 0630 0690 0880
0200 0570 0580 0640 0820
0400 0550 0560 0620 0800
0600 0490 0510 0590 0810
0800 0760 0800 0930 1340
= ABV

VVVVV PROMRCh = 1104 =
1000 0950 0990 1130 1560
1200 1110 1140 1280 1730
1400 1150 1180 1320 1770
1600 1090 1130 1270 1710
1800 1050 1090 1230 1700
2000 0850 0880 0990 1330
2200 0670 0690 0770 1010
0000 0620 0630 0690 0880
0200 0570 0580 0640 0820
0400 0550 0560 0620 0800
0600 0490 0510 0590 0810
0800 0760 0800 0930 1340
= AR

4735 kHz, 08-04, 0701 UTC

VVVVV PROMRCh = 0804 =
1000 0980 1020 1100 1610
1200 1130 1170 1310 1780
1400 1160 1200 1340 1800
1600 1110 1150 1290 1740
1800 1070 1110 1260 1730
2000 0850 0880 0980 1320
2200 0680 0690 0770 1010
0000 0620 0630 0690 0880
0200 0570 0580 0640 0820
0400 0550 0560 0620 0800
0600 0470 0490 0560 0750
0800 0770 0810 0950 1370
= ABV

VVVVV PROMRCh = 0804 =
1000 0980 1020 1100 1610
1200 1130 1170 1310 1780
1400 1160 1200 1340 1800
1600 1110 1150 1290 1740
1800 1070 1110 1260 1730
2000 0850 0880 0980 1320
2200 0680 0690 0770 1010
0000 0620 0630 0690 0880
0200 0570 0580 0640 0820
0400 0550 0560 0620 0800
0600 0470 0490 0560 0750
0800 0770 0810 0950 1370
= AR

4735 kHz, 12-04, 0700 UTC

VVV VVV PROMRCh = 12 04 =
1000 0950 0990 1130 1560
1200 1100 1140 1270 1720
1400 1140 1180 1310 1760
1600 1090 1120 1260 1700
1800 1050 1080 1230 1690
2000 0860 0890 0990 1340
2200 0670 0690 0760 1010
0000 0620 0630 0690 0880
0200 0580 0590 0640 0820
0400 0550 0560 0620 0810
0600 0500 0520 0590 0830
0800 0760 0800 0930 1340
= ABV

VVV VVV PROMRCh = 12 04 =
1000 0950 0990 1130 1560
1200 1100 1140 1270 1720
1400 1140 1180 1310 1760
1600 1090 1120 1260 1700
1800 1050 1080 1230 1690
2000 0860 0890 0990 1340
2200 0670 0690 0760 1010
0000 0620 0630 0690 0880
0200 0580 0590 0640 0820
0400 0550 0560 0620 0810
0600 0500 0520 0590 0830
0800 0760 0800 0930 1340
= AR

4735 kHz, 13-04, 0700 UTC

PROMRCh = 13 04 =
 1000 0950 0980 1120 1540
 1200 1090 1130 1260 1700
 1400 1140 1170 1300 1750
 1600 1080 1120 1250 1700
 1800 0040 1080 1220 1680
 2000 0860 0890 1000 1350
 2200 0670 0690 0760 1000
 0000 0620 0640 0690 0890
 0200 0580 0590 0640 0820
 0400 0550 0560 0620 0810
 0600 0500 0520 0600 0840
 0800 0750 0790 0930 1330
 = ABV
 PROMRCh = 13 04 =
 1000 0950 0980 1120 1540
 1200 1090 1130 1260 1700
 1400 1140 1170 1300 1750
 1600 1080 1120 1250 1700
 1800 0040 1080 1220 1680
 2000 0860 0890 1000 1350
 2200 0670 0690 0760 1000
 0000 0620 0640 0690 0890
 0200 0580 0590 0640 0820
 0400 0550 0560 0620 0810
 0600 0500 0520 0600 0840
 0800 0750 0790 0930 1330
 = AR

4735 kHz, 17-04, 0700 UTC

VVV VVV PROMRCh = 17 04 =
 1000 0950 0980 1110 1530
 1200 1110 1140 1270 1700
 1400 1160 1190 1310 1750
 1600 1100 1130 1260 1690
 1800 1050 1090 1230 1680
 2000 0900 0930 1030 1390
 2200 0710 0720 0800 1050
 0000 0640 0660 0710 0910
 0200 0600 0620 0670 0860
 0400 0580 0590 0650 0840
 0600 0540 0560 0650 0890
 0800 0760 0800 0930 1330
 = ABV
 VVV VVV PROMRCh = 17 04 =
 1000 0950 0980 1110 1530
 1200 1110 1140 1270 1700
 1400 1160 1190 1310 1750
 1600 1100 1130 1260 1690
 1800 1050 1090 1230 1680
 2000 0900 0930 1030 1390
 2200 0710 0720 0800 1050
 0000 0640 0660 0710 0910
 0200 0600 0620 0670 0860
 0400 0580 0590 0650 0840
 0600 0540 0560 0650 0890
 0800 0760 0800 0930 1330
 = AR

4735 kHz, 14-04, 0734 UTC

VVVVV PROMRCh = 1404 =
 1000 0950 0980 1110 1540
 1200 1100 1140 1270 1710
 1400 1150 1190 1310 1760
 1600 1090 1130 1280 1710
 1800 1050 1090 1220 1700
 2000 0880 0910 1120 1370
 2200 0690 0710 0810 1030
 0000 0620 0630 0690 0880
 0200 0580 0590 0660 0830
 0400 0560 0570 0630 0810
 0600 0510 0530 0610 0850
 0800 0750 0790 0930 1320
 = = ABV
 VVVVV PROMRCh = 1404 =
 1000 0950 0980 1110 1540
 1200 1100 1140 1270 1710
 1400 1150 1190 1310 1760
 1600 1090 1130 1280 1710
 1800 1050 1090 1220 1700
 2000 0880 0910 1120 1370
 2200 0690 0710 0810 1030
 0000 0620 0630 0690 0880
 0200 0580 0590 0660 0830
 0400 0560 0570 0630 0810
 0600 0510 0530 0610 0850
 0800 0750 0790 0930 1320
 = AR

4735 kHz, 18-04, 0707 UTC

VVVVV PROMRCh = 1804 =
 1000 0940 0980 1100 1510
 1200 1100 1130 1250 1680
 1400 1150 1180 1310 1740
 1600 1090 1120 1250 1690
 1800 1040 1080 1220 1660
 2000 0900 0930 1040 1400
 2200 0710 0730 0800 1050
 0000 0650 0670 0720 0930
 0200 0610 0630 0680 0870
 0400 0580 0600 0650 0940
 0600 0550 0570 0650 0910
 0800 0760 0800 0930 1310
 = ABV
 VVVVV PROMRCh = 1804 =
 1000 0940 0980 1100 1510
 1200 1100 1130 1250 1680
 1400 1150 1180 1310 1740
 1600 1090 1120 1250 1690
 1800 1040 1080 1220 1660
 2000 0900 0930 1040 1400
 2200 0710 0730 0800 1050
 0000 0650 0670 0720 0930
 0200 0610 0630 0680 0870
 0400 0580 0600 0650 0940
 0600 0550 0570 0650 0910
 0800 0760 0800 0930 1310
 = AR

4735 kHz, 15-04, 0703 UTC

VVVVV PROMRCh = 15 04 =
 1000 0960 0990 1130 1550
 1200 1110 1150 1280 1720
 1400 1160 1190 1320 1760
 1600 1100 1140 1270 1710
 1800 1060 1100 1240 1690
 2000 0890 0920 1020 1380
 2200 0690 0710 0790 1040
 2400 0630 0650 0700 0900
 0200 0590 0610 0660 0840
 0400 0570 0580 0640 0830
 0600 0520 0540 0620 0870
 0800 0760 0800 0940 1330
 = ABV =
 VVVVV PROMRCh = 15 04 =
 1000 0960 0990 1130 1550
 1200 1110 1150 1280 1720
 1400 1160 1190 1320 1760
 1600 1100 1140 1270 1710
 1800 1060 1100 1240 1690
 2000 0890 0920 1020 1380
 2200 0690 0710 0790 1040
 2400 0630 0650 0700 0900
 0200 0590 0610 0660 0840
 0400 0570 0580 0640 0830
 0600 0520 0540 0620 0870
 0800 0760 0800 0940 1330
 = AR

4735 kHz, 19-04, 0700 UTC

VVVVV PROMRCh = 19 04 =
 1000 0930 0970 1090 1490
 1200 1090 1120 1240 1660
 1400 1140 1180 1300 1730
 1600 1080 1120 1250 1670
 1800 1040 1070 1210 1650
 2000 0910 0940 1040 1390
 2200 0710 0730 0810 1060
 2400 0650 0670 0720 0930
 0200 0610 0630 0680 0870
 0400 0580 0600 0650 0840
 0600 0550 0580 0660 0920
 0800 0760 0800 0920 1310
 = ABV =
 VVVVV PROMRCh = 19 04 =
 1000 0930 0970 1090 1490
 1200 1090 1120 1240 1660
 1400 1140 1180 1300 1730
 1600 1080 1120 1250 1670
 1800 1040 1070 1210 1650
 2000 0910 0940 1040 1390
 2200 0710 0730 0810 1060
 2400 0650 0670 0720 0930
 0200 0610 0630 0680 0870
 0400 0580 0600 0650 0840
 0600 0550 0580 0660 0920
 0800 0760 0800 0920 1310
 = AR

4735 kHz, 16-04, 0700 UTC

VVV VVV PROMRCh = 16 04 =
 1000 0950 0990 1120 1540
 1200 1110 1140 1270 1710
 1400 1160 1190 1310 1750
 1600 1100 1130 1260 1710
 1800 1050 1090 1230 1680
 2000 0890 0920 1030 1390
 2200 0700 0720 0790 1050
 0000 0640 0650 0710 0910
 0200 0600 0610 0670 0850
 0400 0580 0590 0640 0840
 0600 0530 0550 0640 0880
 0800 0760 0800 0930 1330
 = ABV
 VVV VVV PROMRCh = 16 04 =
 1000 0950 0990 1120 1540
 1200 1110 1140 1270 1710
 1400 1160 1190 1310 1750
 1600 1100 1130 1260 1710
 1800 1050 1090 1230 1680
 2000 0890 0920 1030 1390
 2200 0700 0720 0790 1050
 0000 0640 0650 0710 0910
 0200 0600 0610 0670 0850
 0400 0580 0590 0640 0840
 0600 0530 0550 0640 0880
 0800 0760 0800 0930 1330
 = AR

4735 kHz, 20-04, 0700 UTC

VVV VVV PROMRCh = 20 04 =
 1000 0930 0960 1080 1480
 1200 1080 1120 1240 1650
 1400 1140 1170 1290 1720
 1600 1080 1110 1240 1670
 1800 1030 1070 1200 1650
 2000 0910 0940 1050 1410
 2200 0720 0740 0820 1070
 0000 0660 0670 0730 0930
 0200 0620 0630 0680 0870
 0400 0580 0600 0650 0850
 0600 0560 0580 0670 0930
 0800 0760 0800 0920 1310
 = ABV
 VVV VVV PROMRCh = 20 04 =
 1000 0930 0960 1080 1480
 1200 1080 1120 1240 1650
 1400 1140 1170 1290 1720
 1600 1080 1110 1240 1670
 1800 1030 1070 1200 1650
 2000 0910 0940 1050 1410
 2200 0720 0740 0820 1070
 0000 0660 0670 0730 0930
 0200 0620 0630 0680 0870
 0400 0580 0600 0650 0850
 0600 0560 0580 0670 0930
 0800 0760 0800 0920 1310
 = AR

4735 kHz, 21-04, 0701 UTC
VVV VVV PROMRCh = 2104 =
1000 0910 0950 1070 1500
1200 1070 1100 1220 1630
1400 1130 1200 1280 1700
1600 1080 1110 1240 1660
1800 1030 1070 1200 1660
2000 0920 0950 1050 1410
2200 0730 0750 0820 1080
0000 0660 0670 0730 0930
0200 0620 0640 0690 0880
0400 0590 0600 0660 0850
0600 0560 0590 0670 0940
0800 0750 0790 0920 1290
= ABV
VVV VVV PROMRCh = 2104 =
1000 0910 0950 1070 1500
1200 1070 1100 1220 1630
1400 1130 1200 1280 1700
1600 1080 1110 1240 1660
1800 1030 1070 1200 1660
2000 0920 0950 1050 1410
2200 0730 0750 0820 1080
0000 0660 0670 0730 0930
0200 0620 0640 0690 0880
0400 0590 0600 0660 0850
0600 0560 0590 0670 0940
0800 0750 0790 0920 1290
= AR

4735 kHz, 22-04, 0700 UTC
VVVVV PROMRCh = 22 04 =
1000 0920 0950 1080 1470
1200 1070 1100 1220 1640
1400 1100 1160 1280 1710
1600 1080 1110 1230 1660
1800 1030 1070 1200 1640
2000 0920 0950 1060 1420
2200 0730 0750 0830 1080
0000 0660 0680 0730 0940
0200 0620 0640 0690 0880
0400 0590 0600 0660 0850
0600 0570 0590 0680 0950
0800 0760 0800 0920 1300
= ABV
VVVVV PROMRCh = 22 04 =
1000 0920 0950 1080 1470
1200 1070 1100 1220 1640
1400 1100 1160 1280 1710
1600 1080 1110 1230 1660
1800 1030 1070 1200 1640
2000 0920 0950 1060 1420
2200 0730 0750 0830 1080
0000 0660 0680 0730 0940
0200 0620 0640 0690 0880
0400 0590 0600 0660 0850
0600 0570 0590 0680 0950
0800 0760 0800 0920 1300
= AR

4735 kHz, 23-04, 0700 UTC
VVVVV PROMRCh = 2304 =
1000 0920 0960 1080 1470
1200 1070 1100 1220 1630
1400 1130 1160 1280 1700
1600 1080 1120 1240 1670
1800 1040 1070 1210 1640
2000 1030 0960 1060 1420
2200 0740 0760 0840 1090
0000 0670 0680 0740 0940
0200 0630 0640 0690 0890
0400 0590 0610 0660 0860
0600 0580 0600 0690 0950
0800 0770 0800 0930 1310
= ABV
VVVVV PROMRCh = 2304 =
1000 0920 0960 1080 1470
1200 1070 1100 1220 1630
1400 1130 1160 1280 1700
1600 1080 1120 1240 1670
1800 1040 1070 1210 1640
2000 1030 0960 1060 1420
2200 0740 0760 0840 1090
0000 0670 0680 0740 0940
0200 0630 0640 0690 0890
0400 0590 0610 0660 0860
0600 0580 0600 0690 0950
0800 0770 0800 0930 1310
= AR

4735 kHz, 24-04, 0700 UTC
VVVV PROMRCh = 24 04 =
1000 0920 0950 1070 1470
1200 1060 1100 1220 1630
1400 1120 1160 1280 1700
1600 1080 1110 1230 1660
1800 1030 1070 1200 1640
2000 0930 0950 1060 1410
2200 0740 0760 0830 1080
2400 0670 0680 0740 0950
0000 0630 0650 0700 0900
0400 0600 0610 0670 0860
0600 0580 0600 0660 0960
0800 0770 0800 0930 1310
= ABV =
VVVV PROMRCh = 24 04 =
1000 0920 0950 1070 1470
1200 1060 1100 1220 1630
1400 1120 1160 1280 1700
1600 1080 1110 1230 1660
1800 1030 1070 1200 1640
2000 0930 0950 1060 1410
2200 0740 0760 0830 1080
2400 0670 0680 0740 0950
0000 0630 0650 0700 0900
0400 0600 0610 0670 0860
0600 0580 0600 0660 0960
0800 0770 0800 0930 1310
= AR

4735 kHz, 25-04, 0703 UTC
VVV VVV PROMRCh = 25 04 =
1000 0920 0950 1070 1470
1200 1070 1100 1220 1630
1400 1130 1160 1290 1710
1600 1080 1120 1240 1670
1800 1070 1070 1210 1650
2000 0930 0960 1060 1420
2200 0740 0760 0840 1090
0000 0660 0680 0730 0930
0200 0630 0650 0700 0890
0400 0600 0610 0670 0860
0600 0580 0610 0690 0960
0800 0770 0810 0930 1310
= ABV
VVV VVV PROMRCh = 25 04 =
1000 0920 0950 1070 1470
1200 1070 1100 1220 1630
1400 1130 1160 1290 1710
1600 1080 1120 1240 1670
1800 1070 1070 1210 1650
2000 0930 0960 1060 1420
2200 0740 0760 0840 1090
0000 0660 0680 0730 0930
0200 0630 0650 0700 0890
0400 0600 0610 0670 0860
0600 0580 0610 0690 0960
0800 0770 0810 0930 1310
= AR

4735 kHz, 26-04, 0700 UTC
VVVVV PROMRCh = 26 04 =
1000 0910 0940 1060 1450
1200 1060 1090 1210 1620
1400 1130 1160 1280 1700
1600 1080 1110 1240 1670
1800 1030 1070 1200 1640
2000 0930 0960 1060 1420
2200 0730 0750 0820 1080
0000 0640 0660 0720 0910
0200 0630 0640 0690 0890
0400 0580 0600 0650 0840
0600 0580 0600 0690 0960
0800 0760 0790 0920 1300
= ABV
VVVVV PROMRCh = 26 04 =
1000 0910 0940 1060 1450
1200 1060 1090 1210 1620
1400 1130 1160 1280 1700
1600 1080 1110 1240 1670
1800 1030 1070 1200 1640
2000 0930 0960 1060 1420
2200 0730 0750 0820 1080
0000 0640 0660 0720 0910
0200 0630 0640 0690 0890
0400 0580 0600 0650 0840
0600 0580 0600 0690 0960
0800 0760 0790 0920 1300
= AR

4735 kHz, 27-04, 0700 UTC
VVVVV PROMRCh = 27 04 =
1000 0890 0920 1050 1440
1200 1040 1080 1200 1610
1400 1120 1150 1270 1690
1600 1070 1100 1230 1660
1800 1020 1060 1190 1630
2000 0930 0960 1020 1420
2200 0720 0740 0820 1070
0000 0640 0660 0720 0910
0200 0610 0620 0680 0860
0400 0570 0580 0640 0820
0600 0570 0600 0680 0950
0800 0750 0780 0910 1290
= ABV
VVVVV PROMRCh = 27 04 =
1000 0890 0920 1050 1440
1200 1040 1080 1200 1610
1400 1120 1150 1270 1690
1600 1070 1100 1230 1660
1800 1020 1060 1190 1630
2000 0930 0960 1020 1420
2200 0720 0740 0820 1070
0000 0640 0660 0720 0910
0200 0610 0620 0680 0860
0400 0570 0580 0640 0820
0600 0570 0600 0680 0950
0800 0750 0780 0910 1290
= AR

10177/8076/6974 kHz, 04-04, 1015/1025/1035 UTC

Too weak to copy

10177/8076/6974 kHz, 05-04, 1015/1025/1035 UTC. Partly unreadable

10115 98718 62170 57097 22640 42711 18949 74988 31603 32625
31793 44542 50856 10444 49260 76778 51691 88561 87989 03216
08271 95680 55917 60674 65420 34516 34569 71499 83471 24763
87619 55124 39839 29744 87919 31923 92030 90199 80154 05283
31768 13633 21345 32841 84903 92661 66362 22813 36831 50818
90650 16364 88073 39220 67346 41943 69724 32557 40978 52538
73454 97841 64935 81770 75741 34339 94894 79777 61038 08132
55390 14818 73545 29754 21722 51538 52291 48322 84369 41835
29194 60614 88130 89252 94804 58518 63138 72856 61411 63314
89970 41509 78193 20188 66024 71404 78113 51456 65359 49476
61240 91904 09149 63542 44179 54708 89016 18591 30303 01341
10352 06684 80475 13931 47850 96480 88951 93505 30438 26644
94131 32536 97193 57148 78876 35246 95619 14444 40058 84109
01891 91398 32031 75979 01231 87966 13726 76276 96431 03151
84033 64690 96688 16761 75186 70816 57539 14207 38811 23173
51705 53099 04346 60035 51005 69758 14506 75523 03749 69274
87489 99379 27375 57484 20614 33878 86750 01166 35053 96300
00284 27401 16390 40412 41072 98031 30647 55379 25245 20154
20496 65575 04711 78575 11332 79686 06481 01200 81895 62589
85762 93241 79137 28404 85014 01237 82005 78186 16136 92774
43843 30688 08003 62883 68093 19605 86507 03023 96992 55791
79321 93604 17928 77827 62537 05992 17174 39426 91402 24900
35671 07077 82324 27153 06542 66385 38321 77723 79036 60553
35128 28993 58588 09406 10129 34172 17677 82434 21315 10822
57169 24285 68440 15408 22843 56111 93580 14828 06277 01255
03271 65844 88272 08680 79408 38379 94055 72590 71122 43571
82347 71688 84776 52581 80596 76484 14316 17036 31485 98125
79121 27083 26936 77158 61582 67973 34790 35666 61551 61125
47844 41233 09894 00586 09952 56156 08301 20853 98844 70346
87554 56972 70395 41364 01448 82864 93984 90017 98530 38807
33675 24968 38873 84018 54865 94768 48042 35273 61129 90796
25468 77489 _____ 57236 28771 27326 _____
_____ 29445 38417 16819 15728 65685 22162
11052 78379 06219 10311 24823 40407 22342 21539 37427 02841
17035 34870 39665 73088 69306 30201 30209 15470 30608 89070
13218 08090 52971 54132 89428 67007 53577 70744 57879 23620
45442 59135 70469 66209 88896 90569 06540 81587 43562 65951
59655 57774 25492 20316 53789 33652 99185 01628 31083 06525
59152 97336 78378 33531 80702 07130 84709 87836 44684 85306
46931 55552 65809 01218 65689 84315 79305 91218 98904 19461
65534 00554 64960 88733 17299 38626 12798 21473 79509 96076
01078 13203 15903 39413 00000 +++++ +++++

10177/8076/6974 kHz, 06-04, 1015/1025/1035 UTC

95753 62338 76272 27006 90991 12511 03210 72808 29387 20453
67958 47827 91240 15379 30148 92967 69821 82357 83749 96217
70773 53099 79771 49897 17090 24578 88116 03698 33092 72673
34544 93223 05849 53018 73657 48694 47475 06241 83869 13523
06748 09792 95281 27438 03473 43537 86397 53843 84046 61311
10641 56109 21645 85611 38575 52474 09480 67625 26805 40059
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

70235 68382 05951 54034 51177 22982 49779 34287 92653 04763
97369 99149 19009 84149 19366 69497 47877 90598 44471 70952
92888 94868 14545 28113 28577 02328 94871 34668 34689 43225
69299 47823 62070 70884 74926 80480 87322 03735 56024 89615
48415 72133 41885 84273 78447 55903 78292 01643 79737 23545
67281 24622 05431 09027 94888 39338 40822 87127 51586 56034
01560 33244 75072 41783 90946 78607 70109 38445 83498 96849

85109 64326 26968 82856 50140 22958 80005 09840 06042 67449
27660 75573 79352 93836 41890 73722 82711 61882 79295 51213
45448 66746 33225 37569 04032 09975 82484 57165 07062 43248
03805 60321 14515 83310 40263 34187 95902 21539 42861 79344
57045 76573 27424 63078 50155 63447 14022 85233 46897 77668
41103 41121 00000 +++++ +++++

10177/8076/6974 kHz, 07-04, 1015/1025/1035 UTC

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

10177/8076/6974 kHz, 10-04, 1015/1025/1035 UTC

08714 91792 17697 59379 51554 71129 86842 01293 11502 69927
11981 61919 85310 72323 90625 87981 77367 29134 96267 18977
20389 55088 33299 05555 86060 75776 40476 70572 09053 41480
28852 42511 72856 50092 65118 15941 30866 46308 36299 18729
61167 89269 56725 90672 78435 05851 03235 03239 51417 71787
89531 75117 99403 87811 15641 63246 66152 43002 53402 34028
94688 82531 53935 44402 51415 21983 88011 87465 72983 75451
55282 82334 34354 89593 23278 12938 61486 00822 82145 45412
37095 57835 26036 78807 72905 76664 97092 08775 46859 20429
52973 08935 28692 20982 43848 59605 42329 84648 09805 78579
38536 49220 34601 33649 76263 84413 16705 41545 36111 52977
43556 82994 14369 74619 79988 88580 71058 59967 06745 75088
30414 06725 70037 37028 57240 75228 28071 23018 57596 85588
05483 51722 77221 03588 91624 47027 96161 07556 43634 97136
43019 53367 80228 67291 77270 79791 77156 20781 13090 21348
00249 27946 83112 20872 37004 67856 65576 58979 12647 52354
23279 42611 01598 27146 27795 19843 70286 29632 67376 13157
12256 08167 61983 88358 61484 32423 33891 01321 94871 49568
07287 89750 59818 65919 35315 02165 87845 58780 78003 81255
80180 48138 79503 43840 76262 82913 18078 24582 41083 21444
27297 75668 32325 10902 11841 39627 33212 95318 06389 37483
62028 06910 51001 39430 94231 20392 81442 10211 58095 74973
57890 46389 89839 93707 80454 47709 59151 54901 64952 89719
01072 95251 77376 89853 15156 49423 50488 84163 17859 55724
30981 56872 59084 82590 30646 89955 38826 55561 79978 24930
84852 89420 07664 54028 77352 55212 94382 82967 31503 36798
74362 32477 73873 56660 83130 70788 73628 75622 74886 94269
14437 96193 57948 98389 18057 24205 21698 06206 55505 68436
53469 46552 06776 82921 68817 99130 55013 81614 03599 48675
26117 80106 41315 15394 09672 44083 74135 53861 22183 49203
82097 51634 71254 22528 37161 88694 21058 37560 98519 98374
32733 88839 88524 95624 64086 44087 21904 71966 11677 04690
04480 14203 27356 94139 49882 46316 85210 28749 44033 94771
76822 37683 64088 76962 22243 61615 90443 54992 07642 84678
85238 21967 85536 79404 35814 13002 98570 69339 86540 58120
12761 39024 07461 19238 71146 46025 73193 78407 03800 14699
50525 69533 55113 16392 18127 70717 14307 65741 66845 99447
60105 87790 53992 77800 55504 35578 10074 59854 53575 62914
21407 38488 00244 82018 37041 73775 44975 60700 73445 10142
95309 38786 15376 74471 76183 68471 36382 72374 79970 08283
87370 24772 18187 25342 26682 12007 10788 85619 90099 17664
74009 42411 00000 +++++

10177/8076/6974 kHz, 11-04, 1015/1025/1035 UTC

02246 34733 54730 10827 38272 67469 84080 99084 53032 38206
70400 33604 38955 28110 89616 19478 23828 62708 77349 49724
22325 38299 04713 03034 18499 03145 28040 11145 96411 79394
42222 44290 61104 36655 92347 88139 17078 53173 23329 10693
96487 25541 72207 42542 54229 12882 32822 18960 72109 26445
47519 57235 39281 00543 05619 67702 01138 05783 53287 21898
93858 90509 44538 26287 06777 61421 88023 74991 39770 39269
69323 79957 47860 50607 53398 02007 90206 43077 00000 00000

76176 01203 82289 55190 20653 95743 50046 40641 38168 19284
70907 77427 68002 15468 74290 43675 30946 14003 12518 94906
49214 23988 96202 84761 68804 39455 90686 90889 07736 74291
59435 75716 78595 68760 65354 36751 58849 34778 65947 26139
07340 32152 63262 44134 50411 92968 94558 36189 86101 36306
74635 48343 79843 40470 25757 20603 50098 64934 56112 22994
67377 39180 72749 63976 15073 60614 39920 25915 85546 68754
18770 07281 09908 87879 49312 76289 44925 55314 60632 65639
65495 77553 20241 63062 36125 81404 58535 77351 59850 52335
29289 84579 28035 77213 92116 84163 19483 44097 00000 +++++

10177/8076/6974 kHz, 12-04, 1015/1025/1035 UTC

26615 40498 22988 48392 03081 54458 23885 73101 51502 39589
57934 51624 17028 89491 07371 41292 92148 70782 01151 41259
19491 05852 72493 98946 17768 71346 95032 09542 73054 23305
52263 82012 62589 84901 19991 70058 03275 57715 66438 91435
42079 42478 99732 84107 30515 80228 17427 72646 50392 49819
37777 43319 83026 82700 17430 51310 39089 80937 85234 08513
91292 49375 46847 25313 77095 77914 39828 04827 63608 34812
43918 13007 91908 56961 76166 73074 42919 48074 25625 57699
92067 20722 07266 77370 44903 43150 39839 88399 70854 76824
77328 68990 77315 15634 48722 36807 91261 62689 85760 06493
40563 05660 43370 10557 52200 76583 42449 32086 09551 07080
89715 22707 35961 14923 54284 04242 96759 82889 05675 77487
36927 15831 42932 86566 96587 86912 69545 12285 71531 08941
93859 92917 10934 91729 59656 95890 69473 71447 36606 88766
56033 22857 25264 82990 46172 90418 56309 48824 50546 99172
88704 24908 56484 31344 36476 70898 84889 79606 78788 36595
29661 12945 33009 46020 71826 16057 95449 19874 85561 88221
79474 84803 78301 12581 05647 42931 32112 31766 23632 00069
38525 90817 70508 76060 44016 33313 95205 45703 48311 61670
03733 83652 22718 97541 04905 11786 40661 03238 61236 72436
37612 50136 74702 75946 42603 44990 62052 95974 48505 50087
99354 10991 13273 58200 40478 15406 09325 08247 39175 48762
63256 52624 29474 16433 53082 12133 44058 00260 55169 79432
75314 82569 58083 56983 08755 32007 85496 40384 83481 24628
95388 83064 59393 98669 47678 03262 95817 66465 57524 19221
71253 31918 76442 23550 98920 86975 68446 32682 17790 85551
73396 72363 63795 18327 74744 85118 50905 36860 13857 70626
16750 00460 18110 94943 12477 44243 34941 29507 41545 91825
89043 05871 77122 61077 04898 97090 12792 36381 61816 61717
26234 05834 73698 11315 60601 86826 10681 87458 53242 88442
04868 59142 66482 84104 07333 76532 00144 92915 88574 42001
90488 93134 99621 84395 25276 16208 35964 47454 29620 94812
71509 28327 02338 63338 54745 27133 07469 34247 84287 93483
50664 98753 06027 80919 95118 25255 99029 45201 96748 53952
42405 47373 63292 11103 80309 47556 67019 91340 27294 00408
65752 81496 81157 88164 11860 24362 35518 52230 53946 45830
09274 09236 60884 93856 35145 62508 22910 62670 74488 44884
09457 00679 50569 53812 88408 25502 17474 64677 36472 94568
06855 33285 95343 04723 19702 23442 53373 19265 55312 20576
57394 45880 94659 17321 84426 13874 80343 82021 27920 24169
60307 46076 78245 70487 87519 71073 02107 55168 92790 81643
50565 48048 72924 74977 50367 61840 61398 42938 58261 42467
73734 67706 82986 45423 00000 +++++

10177/8076/6974 kHz, 13-04, 1015/1025/1035 UTC

76037 58011 30879 69208 72146 16475 51266 40815 40655 96053
57691 32276 78142 01892 66275 09194 17778 00584 88787 99332
17982 57261 90994 07087 53537 84876 07840 33131 32574 22879
05599 28927 87870 87482 01937 40789 15912 60696 79822 23181
62136 10313 56219 25942 75811 58041 91507 85123 82981 37974

50560 72134 50908 12573 51416 80861 42462 38358 62494 57477
83892 98496 34278 02606 94406 44472 76401 00539 51009 14021
16101 55195 87032 17529 98930 37497 47794 10070 17722 46079
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

27696 37993 85458 08471 05883 99355 97047 53480 82184 16717
61067 49401 89618 36685 93154 62374 73708 35972 97349 90019
84639 50927 57523 37309 50371 11857 52724 12068 47900 68070
26149 88544 14846 14578 62399 12481 68564 56394 52737 46125
24964 71376 53017 76625 34216 57525 63971 36240 75550 75712
88557 07798 78317 23740 46037 13850 61509 02694 47483 12958
08923 61519 62399 51542 22160 30753 31140 44731 18639 81355
02821 84658 66823 69578 03402 99640 75834 53804 63638 12659
81656 94295 61574 72608 97102 71792 59285 56733 17741 85895
38538 47091 00000 +++++ +++++ +++++

10177/8076/6974 kHz, 14-04, 1015/1025/1035 UTC

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

10177/8076/6974 kHz, 17-04, 1015/1025/1035 UTC

00311 88444 35471 76642 08891 08162 50077 89417 69844 90014
03270 67506 83311 84487 71375 87044 77509 45338 61541 50536
73815 98757 76276 03322 37879 42703 28881 04452 02718 06099
58182 94132 74710 22579 16030 24948 58451 98482 25981 49035
61377 79760 36615 78405 64125 47504 17914 60596 67547 96770
74144 36847 52324 78399 71687 74977 12114 08504 05244 94156
46169 75323 50849 23770 22375 98129 79156 63533 46619 17871
27396 37084 99462 24238 53478 56204 26023 48850 20647 37881
90021 79236 86154 41387 27930 73308 92359 17563 64143 79004
83720 87500 73140 88804 98094 92803 99540 83785 05795 84622
72013 46928 94836 43640 71977 50337 25818 48206 43015 46081
04858 32804 51953 15332 48048 04035 37534 55494 35838 06311
07629 10005 80803 54439 70923 70502 57231 75293 14008 06048
65953 25752 59817 99071 32880 79090 68363 92764 64657 97024
65677 79566 09888 29580 11922 85464 99363 09984 44600 29777
63732 36765 57791 65113 52047 60244 03373 27194 99631 15613
25139 49229 18701 69771 61777 20528 10168 74137 79623 94035
20083 40588 21144 72485 89144 82738 80072 27853 68702 89739
39155 33793 01713 24783 31416 15755 92066 65501 10906 48466
10736 28446 43861 55458 12172 44842 56201 90338 59400 79793
98323 04481 81241 12136 13114 30834 10095 17121 18112 38532
73727 19119 37790 37987 39515 06534 46850 41164 34543 26104
10504 06718 90039 98790 32660 24673 83558 24439 47959 20357
77345 67385 18593 82242 76345 40220 21849 43418 54269 27880
39309 71345 21166 19254 83655 45620 30934 38499 24002 28391
52216 93260 95707 57162 51108 81957 05587 14625 59119 27347
68484 55247 24828 28549 36122 93274 72665 48706 04173 81854
17262 80484 08495 37952 06805 56585 46465 92762 93828 97474
84345 72296 56892 13495 36622 37824 21565 03568 28255 40878
54174 17667 75773 72488 26740 75236 48164 11345 76537 56770
93470 00576 08729 10711 42063 07821 15497 42870 22497 48299
10122 80565 50915 75551 99435 28637 79916 69540 43096 59558
17838 76808 73105 04809 54383 82370 72034 39711 53535 18033
33361 78903 99693 36825 52387 24651 07972 08235 21154 35176
34590 13928 25795 05193 48307 48644 69777 75835 48820 55962
71452 16175 43076 53606 09358 43498 15435 27997 13725 74548
52613 02730 27594 24907 09351 10659 86018 98709 25738 24290
86753 35883 32146 24156 50896 09087 02682 09872 96909 87547
43124 83550 76444 09979 24267 60271 45439 33771 96611 85283
68889 52636 47340 62641 82761 99894 85515 24946 61466 79601
66445 98893 64333 92684 91129 46307 59535 50293 41761 85345
48884 91544 39185 21582 41948 47842 33276 43618 52918 20977
62158 62957 18669 67175 41218 02784 61448 04296 67826 65367

44635 84357 52736 32766 94994 98584 14068 46437 00000 +++++
+++++

10177/8076/6974 kHz, 18-04, 1015/1025/1035 UTC

64525 61425 23206 70981 91546 64472 12830 64394 51786 65046
80047 59614 10569 07413 09437 70816 70181 35112 54226 16757
62472 72695 38708 01582 96623 83333 40040 92602 91785 50745
91636 05984 49266 58879 75322 36279 43950 67784 94449 90746
39654 09117 45154 14399 58087 49700 27946 16701 56118 96604
66822 35869 91026 42158 28082 01713 78428 72337 56037 82937
72575 86976 67807 29868 23689 05234 74384 48508 92047 54738
20151 66898 23488 67880 58045 49075 00000 00000 00000 00000

61350 06457 37679 13763 76679 41961 37901 70464 48594 95822
39884 49905 24202 19671 57220 72271 40529 54183 46005 56591
60479 27614 91235 21469 20209 11451 78844 14032 17628 81642
95575 78034 96691 58822 23877 97074 07188 25983 23995 73824
44694 47022 20470 31256 00400 34606 35210 46757 75484 40794
34336 55108 39724 68841 80984 81240 39034 29645 11251 88711
81616 91244 75467 54852 57416 94835 12007 08500 70554 35717
45778 91272 89451 32623 28631 28316 44303 33869 63839 19458
26611 33751 81843 86714 70447 97639 59468 39077 20158 19198
99765 40521 14160 58166 14709 50095 00000 +++++ +++++ +++++

10177/8076/6974 kHz, 19-04, 1015/1025/1035 UTC

04027 81101 41599 83787 38671 84962 61661 25695 45140 46802
42452 08220 53644 83860 76103 96684 89110 87341 26521 25051
68485 52706 99594 40711 93460 87013 98660 75556 74532 73000
63655 35491 47360 94592 17398 25603 67330 53518 67438 53156
93303 31735 36916 75609 96433 79335 22847 85839 55043 32630
05304 51758 21460 92100 55902 52512 71766 14895 19044 78453
74398 01563 64357 87066 38526 81722 33756 32036 28161 28335
31572 07655 52920 55283 31189 75742 71389 77931 96620 67275
68022 41371 42463 75914 89508 46027 80666 85606 51558 25305
27561 99462 52030 54991 69574 62092 51342 99070 11074 92576
06111 21657 52780 70281 66947 19728 74186 40684 76352 56344
18409 33411 27644 99051 02928 09665 70861 93134 04639 81241
76574 24433 92657 68308 93548 51391 07321 88145 61185 11031
08809 92026 62689 28540 43844 92440 29903 85165 03884 47817
35723 24085 73257 96977 35069 98967 90690 60468 40310 94884
72630 50977 42115 76281 71839 60026 11638 41678 69673 13113
44997 89806 25486 10502 35973 26853 31607 95846 87869 69502
47319 19833 00467 23474 10276 91021 93018 42232 48804 31096
49212 95554 43516 76687 95043 02663 11679 94965 45543 09579
12774 05196 81280 15415 98690 23428 40596 77276 56974 72530
38490 48460 20594 24737 48110 29647 42634 68897 05778 37767
59385 19631 25482 22230 90232 10556 33784 83204 47805 38789
61072 71634 56825 52907 50103 75685 05070 01546 67758 23304
74915 84832 30972 55570 28871 75847 82742 50548 47568 04276
79194 02309 43615 19469 73601 84811 99778 75079 08324 55345
04915 02470 50595 77197 86090 65073 33091 66261 60334 10907
85220 91242 54459 65407 66083 82178 66378 31795 35015 26940
66372 91138 20678 60406 61733 19319 74612 76011 73218 63070
20215 14336 96765 42294 33047 08434 48899 70831 13437 90595
19258 12876 37307 90209 78699 17220 96156 77443 16402 96521
62143 32392 04407 43781 39199 44419 13045 03203 86120 71354
25675 37650 22570 13241 26177 59862 53921 80322 57640 19634
75892 59955 75674 64131 44903 12138 44793 13550 25086 48334
51295 19284 47904 73288 31093 96808 45294 94521 35917 50452
42292 29178 86334 32253 20063 62937 85030 02085 85276 40652
88766 81241 06776 93421 62483 16662 05459 31770 63957 97987
08328 59633 32471 94648 02635 88827 79914 05141 51059 58699
07778 35714 53858 90632 98448 50627 68932 32114 54271 61187

25734 70027 82794 45732 93963 17886 51644 17770 92983 06662
61474 84438 52900 33936 10405 62496 63240 51017 48417 44011
70154 92750 45119 28947 08111 79679 19328 66833 76978 47271
03908 84704 00478 81863 44300 23493 26897 68051 54180 10070
58052 51421 00000 +++++ +++++ +++++

10177/8076/6974 kHz, 20-04, 1015/1025/1035 UTC

09951 63752 71145 43723 28061 98908 33545 06681 86991 61044
15508 42360 41890 53890 50709 69218 10413 67563 73884 56706
93693 52140 32466 02213 54827 78835 36211 97955 47063 49711
49504 11248 08892 41859 56025 26579 68212 96995 50468 22957
22770 92404 36994 84934 89055 54159 39115 70767 36839 98575
50688 86139 51548 12819 82708 36892 91655 10611 85599 59189
33275 23972 51666 50571 19161 16937 27421 50317 54278 32177
90459 42564 15149 06475 70568 52075 00000 00000 00000 00000

23408 61231 74213 10903 40593 81901 85938 84747 52602 89363
27828 54498 89892 53564 12876 76417 65201 70292 55543 75414
41138 17907 49163 00852 52961 89948 22750 79317 16207 52071
19385 75316 73880 96718 63375 95801 62879 94000 08364 99500
04346 62190 83592 96950 47625 06298 80491 52205 22534 98139
46786 22136 79613 96350 80318 94265 23057 29780 39756 09079
65999 92694 14388 77736 62863 25248 20185 31149 98436 77630
14323 61318 38384 81350 45345 40921 70859 76091 81161 32037
93932 65555 82062 19982 28498 00764 10944 33175 61354 14230
97924 34981 48158 53093 00000 +++++ +++++

10177/8076/6974 kHz, 21-04, 1015/1025/1035 UTC

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

10177/8076/6974 kHz, 24-04, 1015/1025/1035 UTC

58837 42020 10351 47518 03047 14696 95833 05286 42749 63139
65746 83441 27174 06917 59973 66738 81721 56201 20286 93501
20357 67512 37747 36409 68258 50712 56468 65008 93165 19464
94642 94663 68843 02335 68813 51610 19121 56729 32287 08815
15933 52844 63661 72320 29802 19830 66374 22768 56199 71342
65232 41784 66220 52687 10849 77917 55021 76717 27927 31810
86434 40708 68331 65300 57227 41354 54880 64136 29416 30121
26800 08991 04089 76096 22772 34461 35168 28563 62522 80750
06558 96456 12876 67708 21095 86912 49231 45925 74766 70077
48367 04558 14613 62379 73556 40594 03762 45443 37876 19216
42025 62837 56704 79970 15504 61839 25293 68436 73631 72411
82387 98047 57102 40565 45821 71799 25103 58314 31006 18495
55314 57392 88286 23231 15092 58931 20071 56813 27282 96278
63687 33778 79103 53156 50894 53725 47529 84328 79999 05630
39614 10981 61507 39832 71198 08000 23235 37394 32432 25325
85848 31505 13547 10573 44741 60619 89322 25124 19193 58035
85686 70850 54761 07568 76870 69670 89825 20037 86579 63131
22233 10239 91598 24192 36976 79090 51276 98408 80847 30643
11332 16693 94998 78642 55409 46842 41353 22327 02822 76035
83799 96154 75935 41461 10110 23142 85606 51283 05518 26502
08131 63127 13894 79272 52131 12276 47455 96621 38827 06750
30951 00509 44115 31478 91254 11410 75908 28739 28304 46767
85166 47053 28331 30874 34052 75724 05307 45867 69655 07210
81552 78526 76721 94511 43446 42553 07823 95777 33166 81034
14405 23293 62400 78765 27155 39053 58979 39121 59114 64111
82340 05171 29997 93878 68792 29712 35121 36569 92488 23927
07421 16980 53074 39331 45951 12788 25919 62713 09343 15554
35893 28754 97627 33623 40614 80000 70888 79103 34099 28903
78160 06121 06771 01576 95015 92522 22748 67997 93291 82233
00354 88313 91372 30434 06789 29949 58485 18774 02900 35202
71425 32774 98984 44015 47172 18635 07572 01615 99816 61626
04101 05694 95239 53242 31465 72836 01987 39313 09328 28872

61772 66270 34164 52833 28042 67727 80965 29225 46049 58601
42540 88276 72868 28919 67349 38867 60782 54537 81814 23820
52500 66932 08035 52245 61610 49261 12857 88618 36740 50888
49221 03291 32838 37544 75742 14105 38021 19326 65435 73817
29432 23712 39556 83009 56528 05786 87460 33170 75262 12853
58449 09641 81563 45642 36515 09121 17592 83277 33941 51399
49164 64197 64683 90020 37822 40233 83474 51559 55966 46008
01594 58196 18484 50861 15223 13286 29329 85478 07352 54597
66477 60412 09143 04915 53695 18694 31715 74697 92567 89702
04276 96469 53211 36504 79527 95641 47125 54417 00000 +++++

10177/8076/6974 kHz, 25-04, 1015/1025/1035 UTC

41594 38324 68934 48005 54642 75135 93546 87422 01370 96319
33987 46112 96707 79641 69583 48240 74069 30025 89293 35244
98912 41148 68402 93093 23815 64543 82822 67543 83486 78425
21934 72064 53162 73394 85886 18132 18810 97234 78325 22570
32593 25978 30451 71631 52026 53419 17372 46508 86256 16287
52682 39945 97914 97235 72193 18664 33964 72864 42762 11273
84002 98940 57166 26350 89428 50016 00934 30390 51935 55630
02103 40306 14756 00275 99810 10167 15094 79323 92681 16854
31192 28103 52929 74345 72460 66296 17125 55087 00000 00000

61489 22868 94961 34581 19173 53348 98968 19203 97923 88890
03518 65481 93768 24267 30585 98899 87126 01578 65741 97686
95968 19839 24851 20032 80652 02876 12260 88819 36340 05194
68940 26074 33966 60541 34006 54293 95666 02816 68047 06871
15625 14042 11717 14780 62260 79067 78008 61721 22708 51703
01670 24914 75514 61963 94168 43714 02498 19110 77679 83259
75704 90191 96497 85314 80404 58749 29339 23517 60048 93390
50956 05200 94150 80913 16509 86987 45006 03670 67117 96345
34200 65849 80061 56083 00000 +++++ +++++

10177/8076/6974 kHz, 26-04, 1015/1025/1035 UTC

81621 64098 99284 23610 84204 91999 30021 14998 37387 77710
50424 40623 05333 25419 73310 98912 26924 38305 33390 32540
36118 64060 33652 54084 58962 23719 08249 54198 23208 03472
00319 84488 41457 14159 78192 32292 53785 48120 38417 29529
40770 88105 69025 62832 42871 47914 71508 77128 47095 49463
64906 89861 26879 65973 20474 58060 46140 85951 00344 65408
63419 77659 98633 21538 97057 58762 08434 90704 37355 00841
63110 92050 16624 23450 25358 38640 73105 57422 22451 07445
69665 82087 51119 57480 53204 66116 00492 38267 65743 66657
66540 55821 43097 66466 56473 88343 62082 53708 06500 68806
22204 74122 61412 76621 72747 10245 89428 05582 21219 67359
30716 00251 84074 70882 03052 78008 65666 04856 13048 78921
76353 46244 46377 10629 25707 74716 35448 80449 51753 62607
27944 31869 72188 74740 04699 27616 68504 32803 20308 46506
38956 23954 64942 86246 81327 58366 70787 89376 91402 05375
11548 34552 88113 62931 68456 60337 01275 40041 61227 13713
82854 56882 67384 40476 27726 92283 78405 59718 14820 33252
66128 89576 04627 06247 57834 16445 53989 94867 43476 24822
34112 73666 63461 30000 62731 12752 50441 80762 86389 32889
23547 24303 73733 15770 58499 50523 05797 99149 82032 57925
74181 11530 64083 08266 23100 26090 06156 62171 96188 38529
49328 12898 74053 98535 50318 60419 13475 49551 99057 93036
24204 56519 76202 68701 44301 26319 74030 13219 99941 50552
29142 77548 60640 25390 40432 21361 25809 28149 70735 15065
03616 55304 55615 77468 68053 51602 67711 91275 05177 84986
10093 63602 84432 47003 37053 23703 16027 83388 25782 75084
80267 84515 47359 44209 39808 90393 10493 92960 70750 89903
76461 87076 73525 18962 68673 37712 49497 87297 25297 58349
54230 88528 68400 04215 63351 73224 88019 86414 11949 89653
64621 77953 93440 21879 78368 53842 28861 79919 78649 32478

42482 21642 12289 10468 04733 11081 33901 08118 28333 42865
46794 67730 28592 87459 47892 71942 83799 36882 75086 74255
56661 55598 80477 58971 62692 66289 77922 72697 96535 25155
38345 94634 52123 66469 31232 37816 97615 21052 35758 98487
91072 38360 69982 95822 47780 66875 11544 69164 95180 72482
08300 24958 76324 99522 02342 50596 87812 04212 15831 37332
63134 15103 72088 79469 37359 00300 50367 42009 54116 46082
97767 13936 00789 76652 46705 89343 82878 69683 11396 43574
73457 47349 61768 96566 98662 47537 98267 80600 45159 04919
75970 54620 00518 96576 51448 32331 62433 31862 50836 16247
77736 91186 82514 54891 97118 43422 42869 65320 56529 96603
88547 88176 21157 61616 73663 67437 52958 33565 75373 72066
87648 20500 56275 01747 32112 74201 37058 43880 18156 02696
77841 74043 73543 57433 00000 +++++ +++++ +++++

10177/8076/6974 kHz, 27-04, 1015/1025/1035 UTC

82202 51530 36321 94420 97554 11006 65126 84930 29303 99626
27065 35971 27077 80560 88056 02503 67516 21161 80636 01091
77846 54601 30907 38383 47055 79506 75419 89310 85602 02253
91447 42166 19604 51638 89068 52779 30426 20599 38500 74951
75623 14662 31132 59350 52169 11832 97680 38054 87902 63583
31915 36918 72137 91654 93386 82968 61368 60334 87597 99001
21015 28921 47049 02576 89133 14044 61604 51583 73047 16541
31613 03604 14810 92565 42216 81193 86471 73627 82288 60342
01055 65244 56442 24246 50195 78893 63539 49603 04381 58089
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

65497 99303 30527 61400 33512 27652 15494 11637 58093 49483
78947 98735 34444 94012 07957 37999 13855 66594 48800 33352
53624 17075 42482 23677 92466 35587 97453 15174 56099 99224
16735 85709 22688 18030 21611 72059 02847 53740 39105 76008
13875 09724 45401 50234 52920 15540 82418 49908 98753 54573
89711 60967 96847 08167 18895 40971 07443 14700 22772 33504
21285 67040 36360 42044 72730 96814 91996 74244 04906 18940
35711 92561 66595 34830 37064 32170 45560 17751 09620 72100
67977 28728 84257 70530 18664 36459 02500 00187 61807 39679
22048 44766 66853 59093 00000 +++++ +++++ +++++

10177/8076/6974 kHz, 28-04, 1015/1025/1035 UTC

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

F06 – FSK 200/1000

Link 00000

10687/7992/5913 kHz, 01-04, 1400/1410/1420 UTC

12167/9937/7526 kHz, 02-04, 1030/1040/1050 UTC

11100 00000 27896 31070 01579
27846 07573 92225 85254 22579 11944 06570 14251 28070 12550
28380 82341 89392 51923 31131 35968 09138 69944 23872 43600
20747 64264 22075 93705 97097 26990 99824 99455 92788 49829
84293 14853 43540 14884 78442 91983 71175 13269 22879 34055
67593 58753 32815 23937 56190 88611 71057 32864 54160 68861
42972 39014 84106 46096 24362 10633 08415 13071 58186 33390
84808 80260 81069 86671 66543 70553 65530 98479 95657 79277
88874 33636 62736 66752 64681 94970 31609 75538 97824 42186
52431 89592 48972 58091 11579 77492 19493 16877 91800 86941
92703 34135 41060 82726 92414 03308 73502 45320 44688 48237
50994 72311 53762 46527 18665 49863 28067 03391 92884 86375
17280 80672 25131 25533 46353 10730 90162 80950 57455 49875
71951 59576 95745 51045 45808 66054 99956 60405 80128 05237
83677 67560 06216 25023 18312 64071 29603 66717 53625 89956
81311 15102 36832 72870 32501 65392 16158 89643 20920 49282

39799 04881 62624 87260 86247 70155 00000

10687/7992/5913 kHz, 08-04, 1400/1410/1420 UTC

12167/9937/7526 kHz, 09-04, 1030/1040/1050 UTC

11100 00000 54718 07071 01759

55549 26028 88040 51327 84365 10171 55064 47969 25110 51077
93074 43192 16033 24538 78748 84015 85462 13393 07219 25776
83399 09211 19223 61588 97568 36336 40061 10894 64888 52973
03806 34268 14290 09024 61208 66693 01816 65341 94731 86475
23945 04100 89149 61986 20076 84965 31148 43434 00111 26756
36374 91834 58069 19276 27354 62380 57680 95010 10738 84388
00881 15381 27292 05024 15165 51226 73082 88971 20713 62217
15292 91259 63250 04887 51100 45415 23561 23948 83065 34130
39602 06620 09455 34646 02148 04609 52943 56030 09917 53470
76142 10524 95097 44009 57368 86176 55231 25425 25115 12922
52372 44879 74642 39312 65475 53182 15146 62069 06945 31269
20914 75670 39275 17180 84943 34131 52732 38197 98419 42184
90008 77865 04523 18048 28777 32547 99981 94949 58111 37223
82821 53622 09673 65218 69744 02934 29632 31542 31566 50853
02246 54524 20169 32936 61032 55445 85387 90519 48484 00839
05277 15802 10248 17159 78193 06021 34720 32496 50138 93881
73987 25037 75780 46460 07055 82940 36619 49740 31292 05337
64704 20983 93044 71173 00000

10687/7992/5913 kHz, 15-04, 1400/1410/1420 UTC

12167/9937/7526 kHz, 16-04, 1030/1040/1050 UTC

11100 00000 56324 14072 01599

55698 67510 12293 72434 17518 05854 92313 24521 90109 90844
33571 43094 98223 76675 34251 30198 82609 94809 65217 82887
17299 34123 39480 84367 84008 06699 09905 36233 52118 41444
06063 86518 37650 72732 46192 33228 39683 16257 85190 08047
77657 49267 84576 69914 77986 37398 15368 63150 83425 75260
29801 19810 83632 32997 62840 10980 90357 25976 49407 76674
05699 49820 68270 89038 56862 47952 48538 28539 95860 03854
99674 77827 87595 75207 50999 62975 34753 12138 11595 96746
12952 26703 86556 03622 14588 05858 10535 31239 24804 85053
84494 77954 78024 24674 26637 91196 68500 56488 73420 16314
13286 92310 91611 00601 91103 12061 87317 82175 05521 73394
22918 18426 45882 10114 77852 33675 44430 11533 14193 90786
53057 99984 32929 16379 88125 48659 31930 34336 16789 06970
01490 87312 83252 25613 18413 50912 98421 98535 24574 70229
41353 63975 00889 73440 45976 31777 72624 42136 71487 29160
07005 43078 79891 82132 89034 51067 69096 72157 00000

10687/7992/5913 kHz, 22-04, 1400/1410/1420 UTC

12167/9937/7526 kHz, 23-04, 1030/1040/1050 UTC

11100 00000 16324 21073 02159

35322 33967 93890 90231 96568 81629 49813 10129 58710 11770
28425 96553 26722 76479 01298 37913 70347 38026 22521 93393
04245 38330 19829 67369 53777 96660 26849 89376 48632 46496
11146 73091 11467 47480 77755 52753 33754 33418 52895 20455
56025 82233 77534 12767 94695 18851 65524 20101 82658 86912
05952 17271 15838 50289 14434 38684 22883 10308 63017 46595
00197 49646 43378 65864 79484 38816 43013 83662 20008 66187
39107 37546 42732 77489 39760 40358 48562 35707 27270 15374
87837 37344 83146 40145 73293 45957 99561 22471 53664 28916
06900 56933 90113 08330 72122 35436 02693 62062 47610 10193
78997 35786 75185 32582 62227 52015 75001 16326 60819 27035
73973 98426 46858 31693 53459 96281 35439 56963 20853 84440
62174 70246 34802 39422 01038 73315 38724 26035 89722 97870
82304 23642 54706 99623 35678 15803 53218 36855 25970 91733
74276 44386 50888 33017 66007 38890 49054 84007 81410 16499
31762 29365 59776 28622 05844 27155 85934 46934 42341 70947

94515 53456 70669 79367 11429 16671 02946 36515 49726 39613
18191 31706 02057 90871 61075 71964 96883 54433 34911 65713
10660 59317 93557 01081 53149 74930 61954 67287 68083 83081
39944 92525 16329 62596 69089 96791 33771 47464 67162 83083
81085 44458 60002 15428 27596 21169 65413 57152 36400 00380
08818 67851 42949 73213 00000

10687/7992/5913 kHz, 29-04, 1400/1410/1420 UTC

12167/9937/7526 kHz, 30-04, 1030/1040/1050 UTC

11100 00000 95842 28074 02399
47899 88119 53351 17751 43968 86211 28547 97394 60413 59089
43744 15217 97678 81015 05487 55089 05861 31157 28039 55491
88167 54636 57398 23344 38856 95948 57134 56933 26570 59431
29471 45094 59038 76466 70070 34859 90043 84117 79936 84742
54627 44866 82893 45871 43446 62168 22062 38117 52228 71478
33778 13452 67268 11464 22393 23685 72886 05079 84387 34793
91810 05187 55242 55011 94390 84420 77497 68886 37614 73972
13439 94471 19829 80997 50859 05857 62140 39308 75312 88213
52394 73074 07319 17550 12701 78179 27941 82362 76435 50958
41182 89365 85636 18970 46638 20491 44766 53520 20835 33348
91746 68607 30702 22323 72219 35974 27608 82516 27970 70968
95401 43695 35447 68892 50895 66455 55314 96519 20222 17774
78981 68484 39518 68149 83036 63218 53353 77508 27535 58121
09349 62068 59068 88664 72437 59346 04557 61104 07172 33502
66702 73494 01557 88194 57039 24692 30803 79150 27518 16032
84478 43627 86567 75372 05458 88954 10560 58185 14145 07349
86629 05388 16367 09186 47771 62597 18416 91908 86167 90505
97643 86780 55670 21043 02065 50652 99384 39044 77402 94928
63283 94076 45014 68942 81798 72145 79125 39902 46320 81933
56832 36613 92545 35297 79278 49151 67608 26674 87475 01686
62936 41109 21179 40632 23768 45585 94277 05325 71260 43333
85114 73396 98145 95828 65195 98053 23842 42141 14708 79428
19993 70339 98298 37211 42341 20641 99536 76727 29895 24973
37512 65667 57312 12659 13996 63646 51450 74237 00000

5089/7337/9481 kHz, 22-04, 0600/0610/0620 UTC

9841/5089/7337/9481 kHz, 22-04, 0630/0632/0640/0650 UTC

5089/7337/9481 kHz, 22-04, 0700/0710/0720 UTC

0630z: Off after 38 sec

0632z: Starting mid message

11100 00000 12457 22030 03029
03147 77465 73771 79085 50666 89124 86645 37726 22166 72769
08953 36383 84548 97664 35725 68747 73926 57616 77280 67819
37403 73676 41485 61005 27313 59052 27067 80387 71330 63411
13886 57860 66893 38771 61124 59817 73390 94154 49320 41077
00529 31204 27189 22732 16340 77939 49166 23610 23246 62852
14609 00042 75630 96509 44595 73612 37354 52876 57265 51592
02646 67525 27624 69724 28810 94929 42761 12068 54194 92027
88418 87582 99836 20243 27842 68133 78254 83148 58852 17607
57790 41964 60082 66836 55966 76072 62306 14011 60277 80742
05811 55256 99868 19247 69729 75086 16521 71563 84294 51400
08399 46843 61936 54720 44980 51836 08164 46353 76628 32466
98168 05170 87214 30729 30095 37676 63259 24119 90895 51085
78004 39755 95738 94052 13867 60408 86869 94785 71713 64607
02901 51192 40385 68012 54432 52780 24911 58248 66971 38972
56858 40384 77065 23542 35237 35240 92603 39842 71425 97717
53202 86531 36518 47335 51645 78467 34568 28157 02276 32471
50136 40310 67316 42632 43599 10260 77025 24865 92645 92053
04642 35382 03405 16703 82053 92779 39639 31899 67126 58430
43440 99248 98628 54859 45867 41213 99690 26799 90966 54951
15739 74603 21603 35231 97842 14721 00548 73622 67400 46891
65260 26141 23117 32787 39792 66539 76206 15752 52263 67424
24747 36348 31341 76404 03139 23391 80158 79435 67596 65157

51114 68561 03615 90460 69985 56242 66342 14273 82801 03449
89801 27587 23896 53712 25900 36205 28604 90318 99160 78140
39015 58843 88106 74316 76229 22192 69258 92259 77563 40357
84648 27466 22128 92070 18822 32128 93223 80529 96239 45914
50991 90400 35038 08492 13755 88277 18058 58464 71490 83782
67113 48437 79863 93497 31414 30866 08270 74927 26078 94413
40317 22649 81692 55462 50188 43876 90837 34506 03315 55590
62524 72084 54813 70452 20480 63958 44102 63665 06217 20208
30300 00000

9437 kHz, 24-04, 0800 UTC

11100 00000 35719 21084 01839
25694 52343 25731 88560 55504 46038 61896 02639 66286 72514
10127 88180 41625 15758 01172 28006 15996 25073 41201 26180
50819 88002 45148 18484 05545 79515 51405 89621 42437 79650
78794 01851 88476 76806 11773 64724 02839 98866 24783 00643
23371 39338 81720 85880 90510 70697 71415 71802 72085 62138
65106 15932 37429 43895 06806 77575 54247 85336 72530 57688
06682 79016 59306 87659 57995 47870 89895 96710 06333 17746
44192 12604 06974 22448 53205 75325 59540 33493 16587 68456
83571 31760 29622 97900 30924 63220 30643 72663 08418 45940
04773 67371 09181 20534 04973 71216 76119 61273 76300 53012
45954 90016 94329 97053 47260 60162 53671 89459 50950 02815
67531 59702 96635 52333 64230 06986 43304 93475 91647 66186
17751 97298 65501 93022 59200 38030 22423 73164 83558 08069
63747 84935 15734 73332 00964 70336 63455 36113 38771 94044
31036 97644 56659 95089 96518 37567 74971 60901 00632 52469
16370 78394 21004 20701 98649 41809 30066 85641 19848 21957
60086 74621 21560 26599 23766 95660 41427 06613 63847 79240
90717 87651 30156 57276 17944 31979 07524 96482 44452 60170
43031 84181 00000

Link 10053

20971/15919/14386 kHz, 04-04, 1650/1700/1710 UTC

11166 10053 73914 04001 00049 00000 00000 00000 00000

20971/15919/14386 kHz, 11-04, 1650/1700/1710 UTC

11166 10053 42791 11001 00049 00000 00000 00000 00000

20971/15919/14386 kHz, 18-04, 1650/1700/1710 UTC

11166 10053 12457 18001 00049 00000 00000 00000 00000

20971/15919/14386 kHz, 25-04, 1650/1700/1710 UTC

11166 10053 98765 25001 00049 00000 00000 00000 00000

22877/20947/15893 kHz, 09-04, 1530/1540/1550 UTC

11166 10053 78945 09001 00049 00000 00000 00000 00000

22877/20947/15893 kHz, 16-04, 1530/1540/1550 UTC

11166 10053 78945 16001 00049 00000 00000 00000 00000

22877/20947/15893 kHz, 23-04, 1530/1540/1550 UTC

11166 10053 27468 23001 00049 00000 00000 00000 00000

22877/20947/15893 kHz, 30-04, 1530/1540/1550 UTC

11166 10053 64217 30032 00049 00000 00000 00000 00000

Link 40023

20159/15843/14365 kHz, 12-04, 0915/0930/0945 UTC

11166 40023 12547 12001 00049 00000 00000 00000 00000

20159/15843/14365 kHz, 26-04, 0915/0930/0945 UTC
11166 40023 72319 26056 00049 00000 00000 00000 00000

Link 40122

16325/14724/12172 kHz, 05-04/06-04, 0600/0610/0620 UTC

11166 40122 27489 01050 03699
99685 56128 62029 45645 37616 08674 53588 19378 44876 32388
81399 65485 14866 00593 18693 58195 34132 98053 24422 42930
58073 18235 23309 05288 99625 25504 10600 63571 35633 05709
98717 70784 60570 53576 47990 37032 42332 70360 48648 08282
59743 70186 46291 62393 26508 18519 27980 08391 31263 51197
11180 99875 48440 47483 02708 98548 99609 55533 19897 48766
70003 93769 91151 49066 09900 76549 78082 31603 75561 37601
86417 85437 89408 49646 57863 84601 24119 63649 60111 06895
40344 16140 17186 54334 32720 78030 47294 11208 63871 43379
00405 00660 91093 81539 12698 25747 15386 01110 20118 05908
07555 99151 98183 44779 91035 94093 20255 90299 86152 65759
51453 73029 45493 50975 20407 33637 35069 68165 36013 75480
40983 69401 41417 03226 06264 43323 22379 33432 27555 17383
12220 88057 66377 32834 60543 06802 54603 90918 57916 39241
98877 93683 33682 02682 13641 27858 69121 16678 37458 65239
93117 50143 12330 78019 52543 41997 30687 92487 74528 81289
79743 29555 62820 57729 37904 05529 95409 18564 02902 91575
15611 92741 56371 55320 33788 68301 94532 33008 81921 33915
79670 05666 88176 20535 92106 77717 63700 04072 87349 81461
18791 55049 88102 55876 50670 46160 65825 73181 70007 53685
91533 11578 58413 13681 60527 97629 74073 18899 20723 66703
47710 67365 59300 14922 36071 98557 27324 41043 25121 78109
07050 01736 00127 17002 51592 28659 24827 36151 51641 80799
96871 12350 08916 30504 71713 66498 21050 06634 72152 80047
07582 43290 25704 50611 31756 07545 96992 22675 97802 04605
07350 54333 28398 83866 58806 06006 51989 94276 04666 62064
54667 62452 33852 21303 76275 91993 61210 17198 55455 07419
40952 53884 53289 91172 45432 68797 10258 87135 76447 57915
16178 69073 01244 24526 97818 97468 30412 37475 53881 13166
79868 09825 92028 41272 84110 33853 47653 03750 52919 33346
89074 64133 88713 19107 38840 52819 06736 58629 65839 46358
25254 95866 27897 99182 17973 82035 69546 51222 45841 03392
04667 59827 10436 16921 38665 29455 96120 29870 09903 37537
93163 84069 55048 79986 18987 30978 28039 84761 79767 08377
27344 66939 39540 54682 11218 23730 89017 21772 05631 92868
31301 72297 34559 22823 26675 72402 27327 28257 63670 15787
82688 29184 48582 40062 94332 97252 30639 50367 00000

16325/14724/12172 kHz, 12-04/13-04, 0600/0610/0620 UTC

No transmissions

16325/14724/12172 kHz, 19-04, 0600/0610/0620 UTC

11166 40122 12548 19069 00049 00000 00000 00000 00000

16325/14724/12172 kHz, 26-04/27-04, 0600/0610/0620 UTC

11166 40122 78452 22051 03609
40676 15535 94664 53493 83470 37265 74451 69708 59069 28416
98601 45643 80572 74662 71452 57737 78981 50042 33284 32863
90970 24517 41886 74876 85412 65381 23353 37370 20873 93456
96808 66050 51237 80011 02753 59174 21683 95337 89689 19503
22162 44927 38763 96187 90589 54181 31057 40036 82936 87593
87265 20598 52396 13348 34404 78502 04819 49253 79272 11485
22612 50974 93329 17547 74279 28477 38696 43683 51789 01643
89940 13603 02969 30971 31373 32906 51102 84322 34498 95127
18923 25633 45341 37107 99189 36539 36319 17101 39028 06852
02357 14100 30237 54811 05922 71762 22731 63068 00676 35425

03317 41325 88425 55608 06996 51575 89067 56468 52967 56871
28199 92628 22524 79575 72098 42825 21036 80014 64757 13805
91203 91483 46647 52919 69760 72533 59914 92844 04830 62483
69685 76869 76106 51092 56176 38183 85062 98328 57292 31610
07355 65174 66394 41219 24635 41403 14937 12253 77933 81263
94657 80807 09818 83020 98996 99706 87507 73269 88449 84003
24130 81982 09531 24546 40313 19211 22039 43054 33297 89382
14307 87126 45745 04142 11133 88639 51464 79656 04070 33952
00191 29336 58772 19368 88658 87895 79070 90291 50116 27711
32482 87511 79495 53392 66832 49049 36403 85513 72670 41008
93143 69451 71183 15877 19935 70245 32276 21695 24535 39442
52522 10547 88432 64843 47664 19804 66824 39103 39345 24563
44538 08111 40779 84705 65103 85096 71019 35033 75154 41395
52542 91898 51356 09813 71805 74782 02030 61520 07497 66251
60678 42427 56130 58724 13592 79962 09710 61500 28727 96202
65113 66474 78035 88284 69920 95982 70443 62044 34337 81216
37659 29812 63935 44636 40005 08306 92870 84827 84449 77563
22281 87239 72040 86841 93545 09235 16918 18432 51099 12900
04091 45314 74477 44039 78185 43612 84297 80803 80318 45748
51840 00382 75320 45282 66945 37200 36469 89332 43887 31058
79925 19534 69926 88648 66081 47478 26229 06890 09969 75549
35833 31511 67952 99121 18353 49337 92874 51032 56114 37690
74842 74280 01398 19370 09856 33888 79481 96626 63440 03856
67178 62583 21503 90154 51545 13535 45571 75690 98456 10563
74619 98178 85724 63903 40661 96869 80467 38507 90303 89049
65390 04230 29444 62277 43691 79087 33292 93273 51358 00000

Link 30154

Although F06 nulls use bogus values in the message serial number field, note that this header indicates message #117: normally F06 limits itself to values between 001 and 099. (PY)

16049/14387 kHz, 04-04, 1240/1250 UTC

11166 30154 12396 04081 00049 00000 00000 00000 00000

19926/16049/14387 kHz, 11-04, 1230/1240/1250 UTC

11166 30154 14236 11147 00049 00000 00000 00000 00000

19926/16049/14387 kHz, 18-04, 1230/1240/1250 UTC

11166 30154 24953 18057 00049 00000 00000 00000 00000

19926/16049/14387 kHz, 25-04, 1230/1240/1250 UTC

11166 30154 25697 25053 00049 00000 00000 00000 00000

Link 40023

20159/15843/14365 kHz, 12-04, 0915/0925/0935 UTC

11166 40023 12547 12001 00049 00000 00000 00000 00000

20159/15843/14365 kHz, 26-04, 0915/0925/0935 UTC

11166 40023 72319 26056 00049 00000 00000 00000 00000

Link 60070

12095/9069/8048 kHz, 11-04, 0030/0040/0050 UTC

11166 60070 31745 11001 00049 00000 00000 00000 00000

12095/9069/8048 kHz, 18-04, 0030/0040/0050 UTC

11166 60070 78963 18001 00049 00000 00000 00000 00000

12095/9069/8048 kHz, 25-04, 0030/0040/0050 UTC

11166 60070 78451 25001 00049 00000 00000 00000 00000

Link 70059

9473/7556/5471 kHz, 17-04, 0400/0410/0420 UTC

11166 70059 98745 17001 00049 00000 00000 00000 00000

Link 70202

11054/8189/6952 kHz, 03-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 03-04, 1200/1210/1220 UTC

18166 44042 12029 62105 73764 16307 64542 79736 32849 44401
58509 67727 17010 53342 79340 29772 02903 92297 77349 14773
96727 75746 17279 83236 59983 80975 09572 82369 78670 62874
28062 53294 93150 71943 43785 18841 30821 86469 29585 25332
08829 94787 15212 36821 98974 88593 97590 05201 72019 53217
35961 64627 63575 65808 86560 23709 28758 37376 56551 53872
77803 59602 81866 97365 09827 42391 58681 43331 86911 53070
83169 45371 15720 93185 79259 79064 28810 73846 19065 62858
82847 75524 65672 90777 15901 03281 92986 50387 31001 73324
62309 24445 98165 91870 60349 99685 92061 12209 28338 31172
07503 80940 36952 35643 19965 09310 86723 12315 83311 30570
38622 14549 81907 29324 04507 20847 79326 53774 52119 78590
30811 46818 04325 18978 51707 56934 37275 66589 59031 14783
07185 92016 28373 86476 60403 80998 33319 39437 06488 18494
59584 81801 58937 11140 11034 61284 73302 96522 49788 34465
37335 12701 37601 42414 92887 26424 70692 53607 94225 43475
25225 60061 32466 49585 55612 37632 80806 55350 12851 06407
40249 43585 75050 52136 90495 42560 07372 94634 75708 73554
93532 14091 79824 46164 06094 71233 71100 99797 07697 82269
20592 14802 00446 34556 24238 41658 65626 53928 83257 21676
60939 59621 22518 97635 98715 67205 00000

11054/8189/6952 kHz, 04-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 04-04, 1200/1210/1220 UTC

11166 70202 13426 03068 02239
32332 00080 46834 27175 19064 41172 48743 15345 34963 05582
43702 96374 79790 70601 85622 52107 99169 21363 60205 86217
62322 33233 65645 71489 17227 41411 29373 77279 46680 14918
46770 06840 73651 77176 52794 99188 89406 40353 62451 75227
02819 45659 41051 32776 34305 26797 90189 20221 02833 38741
60391 43473 79431 19030 26343 85903 05640 73775 85667 45961
00340 05561 67174 22153 03400 25421 59509 00070 29574 16094
96161 21160 31097 38728 57754 37922 92404 00236 77550 85208
05416 23476 61131 22339 98828 87458 56158 25692 19850 29756
33186 36482 91807 28308 63431 93390 96075 04810 04465 04756
51758 16868 29746 39995 91563 31115 62940 44954 57299 94468
02965 10877 63450 45721 50691 51659 02241 34649 73244 69114
88653 40833 66837 10890 68824 09368 04084 50767 40241 45653
76713 46000 57219 36462 69636 51397 20045 89457 27300 94828
71263 08361 98256 43843 47529 45943 68905 18093 60455 02046
22314 27242 04911 58803 83093 39046 18194 70261 34237 07307
38522 48573 16866 14366 36275 13975 48829 07846 16432 00707
23086 36310 15632 36089 71813 13539 42308 34920 07166 66110
33323 76403 74644 43959 25541 55772 79989 98623 65784 27822
75558 58846 07605 84505 17099 58230 68309 33818 26882 94631
44677 72125 24116 25980 10801 67143 08582 32209 46506 93744
08430 97992 69759 89788 28075 95962 71529 24160 57123 75108
76523 68221 00000

11166 70202 68943 03069 01839
20796 06683 36261 56293 99194 62698 26571 09692 28853 91409
07685 80276 93090 00313 46541 25079 63757 57130 99117 85783
33235 18570 97952 45069 89894 76361 26084 15080 54197 06520
07111 06462 17630 32763 66051 51404 51659 40035 40684 79119

78890 99059 48080 67208 23628 87865 35976 17333 84005 21226
73722 28653 92898 23942 62450 67442 59786 08915 69172 56348
10762 45935 14501 31702 68869 32137 68659 42345 41967 00052
35482 88394 10296 24189 29100 23380 30935 12099 72975 68206
01353 90836 75998 10364 49213 24782 65316 86835 40653 25740
80589 74125 24192 41263 59365 33865 52479 32137 68243 87406
49063 74962 59536 17877 12363 50772 58107 23098 74033 05618
08063 67823 53921 94074 34009 08737 78779 41584 96528 90637
56946 86589 46604 37249 26166 88389 08636 85106 16740 11657
46774 33937 97202 23545 94230 11987 94697 64342 50273 79726
07255 77590 74576 20370 50146 10615 33630 90654 03508 21406
78878 30301 53428 52779 61294 53615 43673 59765 12055 71646
80241 01153 44033 18352 55952 31137 53762 79208 87220 51997
28585 45696 80247 13746 88666 44097 68775 71696 18552 12061
90623 69181 00000

11054/8189/6952 kHz, 05-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 05-04, 1200/1210/1220 UTC

11166 70202 83421 04070 02099
44795 82508 90308 55007 79561 95555 06220 60875 05207 29028
18463 39761 54296 79320 51863 05026 14801 67120 89028 40580
35655 58955 46856 27180 76950 11894 68765 47319 53186 83568
43583 23436 43033 74729 87036 69101 64032 96491 46775 57888
35674 79489 16865 39594 79296 67107 72696 58528 28235 59979
62236 53527 46661 03945 14568 44397 80558 38656 51652 34473
89253 49008 14251 83976 30962 86594 37941 33864 00765 53366
40174 84844 44476 64691 04304 61269 96814 33988 71516 14568
17339 46132 76625 45919 22570 11826 88632 52855 37740 20100
42027 29474 16613 31157 69736 74952 02807 76733 73673 90052
31056 60163 93827 66293 91854 73342 61820 97501 07913 72771
49875 68395 95871 81867 51129 99921 11709 11738 52242 56010
03267 17589 84213 41442 18356 32982 62370 45522 41857 49090
51448 11239 60265 31177 16707 34596 77114 89464 47022 23814
27715 46582 60884 73074 66652 68784 31244 30514 26468 53129
90149 65129 70975 87801 99097 62308 91639 27761 96048 02656
20464 52918 55043 03809 57813 01014 19347 29926 38621 92390
94075 98543 85408 88853 09220 39482 21563 53792 89028 85485
43300 05766 88671 99290 73763 82727 84127 66815 47681 59087
26226 11135 00040 82787 94796 06957 57183 24593 13846 00268
53804 56766 13710 62842 24244 03334 51119 70207 00000

11054/8189/6952 kHz, 06-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 06-04, 1200/1210/1220 UTC

11166 70202 26851 05071 01939
00917 32045 33132 97268 93804 92493 74694 98060 44591 90226
30701 56496 37289 98799 11386 11036 75604 68751 04478 50485
29416 53744 74650 55025 58692 23913 99017 17427 38293 83606
24595 74119 32082 35716 58680 00818 89796 59765 28071 52382
65110 95964 68072 51606 78317 52407 27229 56620 72091 77596
98716 61591 33747 65492 14325 10412 82434 85268 61985 28070
44726 52959 12769 99374 67007 87194 68284 49739 38132 16194
64439 07695 20759 28230 92474 53840 14825 82729 23229 85895
01582 24208 45557 54561 41635 66219 54854 49864 25431 37524
52603 42680 99610 07640 42909 11122 17694 33977 36930 06470
88505 97752 01169 38351 20803 20848 10535 83839 87522 80819
92145 50167 58104 66239 70771 45740 72307 39557 51892 39141
53978 99663 03280 10807 88189 61355 21058 27073 10202 93874
91169 91261 79674 85729 82192 51517 38568 27957 30445 70059
76183 33040 03303 83554 49754 31658 51688 09286 34052 14448
87651 76814 98435 10980 47987 89810 34767 23127 29820 47753
84656 55009 09114 82179 39458 06723 78007 87170 11447 24007
61958 48765 99642 21071 02588 02988 98685 18743 17204 77169
24221 65147 70911 94269 53223 31081 22259 44865 02709 97287

28364 71191 00000

11166 70202 61829 05072 01659

97005 63786 77688 71149 02957 33268 09945 87825 19061 56201
30740 92649 98486 85233 12266 66376 19011 54239 23873 30644
38210 73043 99425 53481 64764 02707 07488 68984 00572 84817
91521 47082 33339 23223 72303 74343 84359 41642 29726 31751
41141 65589 06186 80391 29602 02060 98745 90988 05485 15401
32238 78224 69717 22814 30536 25783 37368 57921 28134 13050
14915 75838 89262 79414 65494 98191 26704 87108 66836 21503
37507 68509 91547 37404 97773 68862 64461 38099 83732 20344
76714 05516 11248 08417 61254 07591 10993 16400 59458 50117
81444 59205 33558 57601 86895 42168 04543 81550 92684 05917
20249 59654 54809 43206 83304 74271 06127 98675 93630 83671
06326 87439 85177 24474 47851 93473 61585 08709 34974 33718
60465 63952 78197 98844 00972 89953 71177 06621 94367 30220
42351 28801 22270 81963 98465 77508 12249 92877 02179 62006
65485 18159 50937 51833 16164 36227 49311 07211 27293 46567
91968 62686 52634 98142 99484 74926 19439 21812 74174 70610
11667 65185 68124 72163 00000

11054/8189/6952 kHz, 07-04, 0700/0710/0720 UTC

11166 70202 62348 07016 00049 00000 00000 00000 00000

11054/8189/6952 kHz, 10-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 10-04, 1200/1210/1220 UTC

57317 31688 19896 25531 15877 99392 05494 51685 51421 70792
80005 57425 74072 93941 45894 40989 79588 45452 50348 34000
79479 24843 75803 47823 01540 00947 90713 21189 96726 90052
59020 61280 13326 70474 31745 95454 24337 63237 69157 75807
19018 33555 66934 03748 94531 92804 84770 66788 08626 05674
00864 04722 79282 32170 40718 47385 42283 59184 53697 91190
02619 01287 35779 06616 40680 75454 21924 93838 59181 79412
96524 28699 81734 28267 95348 66186 39028 29138 97430 93632
03531 98463 30337 50797 58686 51660 37248 59036 13494 19848
79302 26740 98459 73301 71617 23230 03819 56332 76454 38298
45983 63286 01938 69577 73153 10336 79787 04935 46025 82765
20484 92066 54528 62432 69321 12498 56545 65088 11771 02149
49532 42252 01599 85686 10996 27325 10177 16823 68745 30624
20422 41760 86878 13041 13804 27971 78418 92981 23850 25496
80551 66320 54599 52947 53401 44005 87434 25406 88277 37042
24722 66409 36325 43523 43718 71193 93533 17398 59158 13408
03027 23661 17975 12464 60567 09669 74590 03722 34236 47238
20200 78690 34195 25250 64512 87442 93497 97416 93354 20419
45862 14921 50601 11814 11359 98600 17857 31733 25946 30373
90327 59310 75790 68584 72323 53962 22310 16977 40827 66982
28874 01950 50565 60647 25109 37812 79019 27037 69727 84715
34824 23744 97843 28938 77970 68672 63685 40236 25270 61092
14665 85915 39512 21169 57728 06349 25741 65120 03931 81583
83109 58220 02166 43774 85732 12809 98006 15081 90979 23522
78562 75761 98647 56903 89324 92118 09454 37608 33916 58992
56279 98370 92685 36505 06602 85933 21094 85720 59561 40114
13815 32921 86091 88212 45505 17181 85554 21932 24165 00939
57313 73271 00000

11054/8189/6952 kHz, 11-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 11-04, 1200/1210/1220 UTC

11166 70202 65429 10074 01639

11208 75120 11640 80608 90229 51897 01410 46687 45730 49762
66675 23311 33371 75714 60858 44759 35365 69895 05056 93443
23410 64008 98871 47823 67030 66783 66503 06598 23268 56187
36522 81349 68663 83050 78779 74832 59446 15815 46886 87098
30904 81076 99683 16633 71831 79624 00170 48707 35025 82646

15293 48121 69748 37802 65068 98525 87107 39849 94450 55519
94268 45504 66388 05700 58473 37228 99516 48859 86761 65632
98912 45512 32366 25175 53352 96943 63699 42857 97517 49964
56877 84582 62567 43557 97714 08892 63541 39612 04130 22739
97006 04926 04901 19014 47400 36656 35704 00482 25499 48429
38373 19843 87456 59271 74321 90590 07845 52563 88063 48358
05135 97200 81769 67439 43059 48148 86786 62176 56289 68582
43085 27892 73866 40791 22536 01072 38822 58043 56984 43454
47437 14595 57042 79753 56550 36030 32539 43669 32386 17122
50577 11888 39319 59397 92110 30766 92011 25603 93008 65367
19376 53245 80524 25560 13787 94401 41106 48841 63983 73998
80504 74161 00000

11166 70202 12357 10075 02119
87305 04246 91507 56460 28666 73036 67174 02248 39304 56905
50745 95442 52980 18766 02374 39719 77588 20733 20789 44515
14299 13542 59155 48096 91624 00681 14477 08300 37884 94410
76459 90635 40465 05878 46802 08443 65359 36485 64815 94783
35367 62725 00342 10760 90454 31658 99892 19950 78656 09222
96938 83637 50998 48560 22311 56534 58849 70558 75625 87678
77158 73774 43690 56195 02013 15950 76812 96604 95934 34293
58960 93376 79389 96719 32709 49400 91902 01233 64908 58078
71260 65641 64009 33714 24203 74792 84991 79885 87063 77517
82820 00506 99785 50464 00386 83234 41758 71020 01840 09947
02902 66497 87292 73941 88448 31778 49786 08567 80847 32606
60495 56972 07243 36707 93083 37651 85950 39931 23162 85471
50376 79600 63782 72891 73818 52252 22899 41028 43578 77963
93745 95284 57830 78446 14058 45206 43684 61100 55078 93277
19873 26204 26290 02314 52509 39448 06804 96169 77341 36981
39349 73426 86960 55164 47795 38759 06375 02220 64148 81664
05409 13963 75956 57242 21351 60803 30064 48712 90299 98199
53650 16361 10629 77766 78490 62594 87027 61206 79377 67801
28541 04262 62642 76696 99048 02880 65708 39844 43633 18765
53615 40042 39249 26518 23460 58260 43160 49540 52682 58812
37560 76901 52131 98459 93824 78346 09858 89121 04831 75209
00000

11054/8189/6952 kHz, 12-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 12-04, 1200/1210/1220 UTC

11166 70202 45872 11076 02179
19033 00125 62390 94674 70583 96026 45052 85755 24903 12504
03290 13532 33340 35567 88521 16902 74443 53247 92337 86024
35009 54585 10218 24638 40450 75210 38154 76937 07913 56684
38124 98687 20583 11800 33350 77258 46634 13030 19276 30276
51225 46304 01209 37575 75013 97306 94559 86141 77605 62482
48611 32725 69385 01933 79770 13819 80162 76399 25218 57692
38072 35516 52917 78156 57165 49513 88899 54758 57129 01572
47777 29092 63577 83007 77415 71900 62334 58475 53699 00677
06174 93379 86342 52435 97427 60681 21660 41347 94911 69280
53258 55924 18610 81178 76567 75448 50544 09591 48166 10317
55280 15204 35817 96010 68489 42767 70177 95352 27028 65203
34094 88767 38945 27423 50441 57205 16879 07040 54430 87434
23261 34162 61324 54386 00783 37457 65509 60230 86548 08672
31840 34889 33358 02793 65218 27649 86555 16052 69326 44589
89884 08933 30456 11486 18779 66404 87379 66895 64543 12528
73185 15108 17834 21668 40030 93640 24910 93452 02737 34980
15068 83705 62175 27240 22700 08515 94368 03440 52432 63638
16257 14082 60753 26421 64064 62715 52596 32431 45192 09178
16287 43981 49592 70202 45317 52732 31550 72065 20375 83574
97809 34989 50054 91955 62988 93951 93702 71860 58215 85626
14836 16618 03926 56111 38550 99733 82756 69152 11381 67924
73475 19540 87038 63544 31882 76215 00000

11054/8189/6952 kHz, 13-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 13-04, 1200/1210/1220 UTC

11166 70202 21475 12077 01599
53998 76386 87801 51944 81442 65193 51793 81756 30071 57627
17740 16981 66755 09405 46024 43586 16636 97660 54536 87042
62113 84673 81002 42683 88425 14483 09851 28827 42993 78361
43331 61082 00720 10079 21546 71292 52436 96875 21107 19541
58682 17107 87083 72654 36002 40479 77946 47663 67948 51823
28178 43622 57983 84341 58257 10264 66458 73263 86686 26894
98863 65847 23763 89985 37542 48672 51768 32899 34032 78148
21278 26167 04261 25186 18272 31789 93740 69968 81726 09960
04987 07755 76391 01682 04318 51659 50421 35694 50244 43332
32563 33152 10627 07503 48582 08500 60791 11296 61611 89972
79781 14271 66113 08167 86957 20133 90149 26110 86100 66024
85625 09272 09232 10367 11228 58963 77323 05169 37708 57537
20094 63740 30231 98857 22070 59762 87453 02450 87105 18639
42030 34787 38550 87068 52233 86133 97241 91779 39374 76405
04526 23361 50714 88458 82478 06131 52546 52269 48523 39976
83141 28416 26631 25099 20256 64330 22291 77157 00000

11166 70202 95842 12078 02159

56651 99197 31033 21205 29407 93977 43848 99280 86961 03478
29161 60923 00551 48195 86122 60166 06720 17771 72481 08474
51438 60287 94831 44755 33913 70102 91545 68756 67306 60161
38064 86269 98523 29713 29239 39596 54277 63376 18413 21698
05611 22491 17929 97485 68059 14694 90747 80662 79649 52650
87868 39580 23915 37887 11239 30534 90118 30661 06839 81935
87871 91794 17629 77802 58331 07430 51049 14004 49176 32623
40758 25693 45524 14729 07290 09374 74013 82503 47337 88029
22195 11874 06323 92761 40463 04296 13970 59358 18683 38656
87537 63257 54712 82643 32428 41310 57011 74523 94842 73812
48514 11277 46174 25218 63968 04006 03823 66985 57902 86572
18134 30988 65445 88397 80127 66932 83148 07351 29722 02213
62024 43685 69127 27649 29976 80936 11112 57539 85809 24732
16808 37465 32017 35459 02764 98288 38516 15702 21920 79781
54530 38413 48195 72317 10807 26741 19378 07291 05711 20114
67651 42213 05062 87033 56309 45124 69247 21678 52114 43869
81670 57767 50945 12469 24721 67852 11443 86981 67057 76756
83785 96284 94009 26097 65388 88861 29994 22985 91980 19209
01769 47573 71137 34259 64282 51046 15988 60677 30917 75589
88794 41479 50316 07257 09069 95395 96974 97700 05940 97436
67792 15674 19438 04081 01770 14263 80396 71525 65036 24775
23658 40454 68400 78213 00000

11054/8189/6952 kHz, 14-04, 0700/0710/0720 UTC

11166 70202 73512 14072 00049 00000 00000 00000 00000

11054/8189/6952 kHz, 17-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 17-04, 1200/1210/1220 UTC

11166 70202 51472 14079 02339
07838 00949 32759 14014 11047 73539 15448 11218 41134 70802
68209 68870 06738 26035 83084 49989 11970 79991 39799 07965
72600 30538 97774 65373 03817 40213 77691 40524 46759 37640
12285 20214 26007 73718 71069 02100 55213 18546 88684 55143
33071 09990 51526 71558 96795 89872 22378 08700 25320 88672
07717 44329 09380 44713 97373 93697 30684 68754 31257 61887
17349 89932 72806 29838 67798 43992 93872 97505 60299 89728
00714 32584 90337 64598 55793 98238 03005 15431 75059 58272
12603 65164 05408 83172 26628 01563 12004 05482 16357 98841
30157 97910 01180 08139 61430 72651 38912 77773 18684 25317
39231 89223 49717 71946 42463 19772 94231 52513 30873 67737
53762 99376 64675 01251 79296 94113 59928 16504 06254 61163
50520 16402 91517 71725 01415 45566 32198 56355 65361 42627

70832 49682 00249 95731 16689 15698 89288 12217 37874 27043
31217 38379 03933 96747 92707 90279 83617 85831 40177 81517
27523 35242 93171 58922 90277 95527 66525 82086 71961 52716
93471 07683 83462 73812 46905 64511 65434 20369 00969 30201
15566 03557 00167 45510 03831 79180 28181 27159 80418 06067
93581 65145 06024 16280 74621 15454 59189 70574 90300 24131
00387 97560 89881 43630 97526 39979 78063 27388 42571 56553
17969 13558 13963 52842 79166 33843 64528 39535 22891 08363
39562 41625 41664 12492 54781 06900 95492 26609 88815 87185
11838 04698 69952 90780 41543 22724 61792 29520 87902 92746
77532 79231 00000

11054/8189/6952 kHz, 18-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 18-04, 1200/1210/1220 UTC

11166 70202 91475 17080 01799
53052 61919 89938 50725 94457 18871 28507 33603 64000 67258
98324 44658 41897 33824 36405 60435 43274 31195 65816 70961
66676 69153 95797 99071 84460 75383 69242 56559 17283 36629
12219 10572 59842 96192 65248 58705 50096 68730 00995 36224
99104 58258 58071 03847 23722 90326 45649 89538 49295 94288
98556 82743 74580 96604 87547 04493 16041 11120 14439 01837
73742 37250 46796 40021 86002 02020 71859 90864 65012 06877
74392 40757 30589 65241 68145 66728 84267 41705 35622 54023
90915 28832 55829 53612 60043 22494 24707 03081 44020 81681
97920 59347 95366 83718 10704 16614 50318 10833 54437 08032
30846 29002 14655 14476 82317 45032 00168 28897 89001 52791
17982 49678 34577 04539 73705 01425 99859 68292 02138 06640
14919 57173 57715 56713 07780 41646 19507 55669 16890 80627
90458 35096 59546 32358 95548 63715 73469 31017 08568 00009
73702 39979 62197 61354 92035 17686 21070 08105 91135 57036
22514 66035 70570 84262 14658 35624 06916 28209 46581 61569
95126 95961 90214 61011 83377 15763 98653 33874 18533 33143
30590 03781 44460 71225 95552 62965 20358 80177 00000

11166 70202 15842 17081 01859
76775 99483 48601 03741 10517 41404 14008 58504 66643 51840
06514 79225 43911 20060 24888 96826 57356 98366 91263 00085
16363 36197 40397 75637 93456 67834 76979 88326 94757 08422
74463 69059 68029 37970 13822 02370 09268 78027 85694 30888
53755 90730 04348 18875 62533 54891 06880 42046 40215 98827
36133 95831 45089 94623 30722 39299 77444 43497 70634 16896
57050 06969 51836 25215 25741 63525 88310 16973 36034 95449
64989 59373 11716 35523 89987 89058 91344 28270 19596 30828
90597 85448 54473 72317 44403 40460 30454 11818 14794 31378
52431 21427 75424 67274 44741 92726 08686 57533 16491 57157
76349 08845 65258 98296 49691 19554 67619 98210 10022 26073
29919 85085 55564 81018 97738 74305 75620 67784 47491 20182
77953 81220 08587 20513 80338 29121 89593 41161 02204 34192
06845 52842 17312 41197 38931 97301 53412 58973 55495 25080
49801 91988 93793 72042 08734 41142 81443 66870 01619 78489
28796 86693 15935 25582 39384 03056 53809 90105 11868 85399
18196 40509 31920 54259 47582 23306 77497 01349 85171 52743
85924 18726 93484 27518 56227 04235 50290 54233 85165 35401
86839 82279 60389 81183 00000

11054/8189/6952 kHz, 19-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 19-04, 1200/1210/1220 UTC

11166 70202 78951 18082 02479
43593 86269 50507 75596 93712 38499 12686 55993 65006 50411
93889 92396 09786 42322 64524 55948 54340 73595 35928 50973
33460 58964 60758 10656 37541 47854 48317 67412 33239 71367
18253 15171 43587 86639 41086 05727 98528 73246 38982 46365
91795 61344 45217 90947 05071 96239 45777 41637 85377 69073

51514 03459 86621 68302 74317 58877 11241 31671 05719 54583
12880 03360 21374 17674 46045 25992 59875 43417 73666 22201
49298 21780 68506 45424 79953 94919 69357 04632 46765 62818
77954 92664 09710 79244 07560 72871 45768 05245 19134 03742
90808 12330 06046 06202 94859 52562 13260 03288 39188 37728
01926 86861 88641 94774 95322 91065 77675 89701 67084 77202
53511 37105 57646 59735 24859 37549 29857 28079 89648 09954
99684 43886 40198 11197 02960 18505 69262 60105 84086 00304
25399 08033 17670 26545 91083 23198 98990 19497 82024 80993
64256 31469 91100 77426 26587 68468 25366 07900 38655 47145
09559 78507 17921 64739 54557 42041 95405 86692 14201 75888
73942 81626 78944 44015 06825 58377 79754 10212 32817 84758
00702 94808 28439 92761 23681 92020 63478 99855 53699 90137
70662 01103 98164 61724 65430 11749 98619 16033 76731 65000
38352 30808 74807 94655 74324 05673 06877 57296 66850 04291
76673 73704 05474 77472 28760 94221 54464 84440 23579 17705
66390 54418 14148 18796 37190 55736 60366 63172 01182 64653
41846 15476 89459 51070 55224 69604 00101 23317 06878 56054
53628 99219 36992 06000 32166 95623 35911 76803 25722 53551
38713 68634 34033 41206 08943 82245 00000

11054/8189/6952 kHz, 20-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 20-04, 1200/1210/1220 UTC

11166 70202 41975 19083 01799
37069 56158 47359 71212 00164 70536 61315 89130 19406 59813
97164 36304 97929 80853 20160 18655 38664 89876 94278 45510
10388 16497 71189 68145 09201 14820 64455 44598 51339 71269
07447 22936 58273 73847 18369 60176 20038 72502 20861 19027
47711 85297 93601 09657 50999 30075 47356 68667 01853 86287
52891 92462 70054 16694 68226 67195 41721 03613 38619 62490
56650 79407 67752 81120 25455 55898 83551 81824 12413 82389
47063 17464 94988 86994 77837 55693 35943 80953 94257 74339
28981 30623 92244 48679 03876 26832 10774 72792 01996 06283
57655 82187 58186 04700 93997 69885 49930 46391 00807 13147
99739 99941 76141 53033 41696 54685 36285 93980 88100 97683
19351 15590 57148 95870 14766 13807 47585 13062 67078 13684
71265 16519 27508 20911 79565 52746 51698 04305 44578 97217
67093 26446 81028 07715 58375 64638 19852 35967 44420 89399
69373 77276 45179 92650 25012 62827 61948 82804 13472 24346
19453 88930 82328 85822 43185 41198 70972 61965 70432 19769
23839 68082 18434 89334 31853 71078 58109 61494 13038 36245
66782 52143 68225 49553 58353 26067 72796 83177 00000

11166 70202 16849 19084 01839
18515 75987 61473 01532 99930 82400 71775 51923 84865 64848
37209 66858 07272 59947 50219 30314 70789 79729 15077 59230
13029 51769 42284 44280 53144 75818 25498 03227 02400 95381
93156 07830 42411 07672 52005 70208 00750 60382 64702 99628
78595 08711 28696 65626 10134 31076 48554 28427 58372 26963
18946 22574 77072 45335 60447 04736 93486 17052 75371 01592
91573 89721 15805 18764 00403 88442 81038 96721 17406 50852
86576 24590 21199 09934 71924 47813 53622 23015 39322 30598
75721 70395 40631 59079 27333 72037 54547 96152 44977 95765
21340 23896 17731 55404 27291 34532 85786 22293 56030 55862
11363 98622 48958 22107 76678 26024 41932 26102 88653 27843
70411 13769 95042 08551 60247 06819 41680 58720 46303 64610
25524 39000 86098 21104 23193 41537 60658 57857 99673 52275
79751 98985 26895 62568 33719 39042 66848 03552 59068 39737
98955 01699 10023 56443 96352 79014 53221 80430 80793 46288
27741 07755 10848 62854 37652 70743 83094 61292 69266 93022
50989 60507 50287 54009 91088 15627 93045 73821 71333 78148
88993 54527 01069 64786 46669 38687 67481 58434 90292 71112
88167 84181 00000

11054/8189/6952 kHz, 21-04, 0700/0710/0720 UTC
11166 70202 54873 20056 00049 00000 00000 00000 00000

11054/8189/6952 kHz, 24-04, 0700/0710/0720 UTC
10388/8084/6780 kHz, 24-04, 1200/1210/1220 UTC

11166 70202 61492 21085 02399
21504 94979 63888 86908 73517 84725 59736 95380 30300 82061
20082 98164 13066 57982 99493 41023 90244 27752 14884 86525
39703 80775 88646 98468 14583 28544 82120 77956 67444 44082
86574 87071 12390 91335 63900 21089 29868 67938 54199 15157
43843 09798 92449 96393 26011 30931 01448 17325 06753 96994
53201 31614 97519 55941 15966 98006 54327 74245 29126 23445
37048 52133 73074 81268 44201 16248 26322 65462 27906 13202
26982 66866 18708 52440 80849 82302 14954 71859 83245 92548
16402 24620 46816 70093 06760 10582 52483 02616 14834 00813
65716 43131 08988 28598 85334 22721 04574 45388 17010 86813
89054 65133 88667 40924 94480 45425 49966 16817 72022 78901
23047 95001 48234 93332 96744 44528 67751 83847 81437 65994
52098 25715 66733 48721 29295 41140 49171 78017 13953 18490
22134 53489 42550 07411 45153 04313 93562 38252 34797 12425
47154 39250 44327 79554 64100 49897 24311 99046 88637 53947
81381 18403 04925 80482 77331 03484 01815 46485 35716 40310
25599 39349 48176 35399 25440 62776 97647 00573 21164 94483
40654 33176 48102 29163 15873 27641 58668 05141 71152 79341
85372 38155 26181 66666 94933 10709 12977 22251 88205 90421
61412 29313 25583 75824 21931 04016 82586 93034 42670 49810
65311 91743 43157 94683 40428 13962 51782 47255 59414 33954
99221 32664 81722 92805 85010 94169 26555 76049 59447 71417
07937 07802 88013 91303 32789 59838 90504 32374 66661 99052
72055 48692 96842 21719 88243 64122 47510 85237 00000

11054/8189/6952 kHz, 25-04, 0700/0710/0720 UTC
10388/8084/6780 kHz, 25-04, 1200/1210/1220 UTC

11166 70202 62584 24086 01959
00227 43956 04884 44005 52390 84972 60102 16368 23585 27988
11059 53984 42918 66359 38683 07179 65406 67135 13056 75548
10005 04959 81683 43089 03992 27711 16466 06776 94626 58580
42793 15795 14038 64244 99203 63596 08272 43852 01052 99981
66435 18499 06618 55380 10875 25870 09089 94537 34330 49753
02864 41772 94992 39097 97613 45010 05421 96316 78520 70775
76232 39511 36163 47319 00523 68308 14454 98091 89939 88001
50089 32719 98362 71677 01937 87704 94115 65021 93802 34008
66643 63480 19016 93716 78609 16483 80266 32987 99337 38398
63131 23435 80538 30909 66735 89177 60253 46516 39976 81705
05972 47827 96750 49773 32831 42344 08624 96500 57861 97421
98379 40860 76201 65090 82886 25757 70218 71430 38712 39870
87488 50184 88937 45456 48546 25293 34597 29295 70367 72050
79178 18967 16515 11551 19638 31650 09867 18134 02351 47626
68897 44496 67437 25679 53421 94171 29912 02576 30746 96064
71083 43819 98181 60714 38644 37853 22822 22991 78894 50913
84563 00904 49527 84718 33274 25205 86415 04167 96058 19493
22853 27250 95570 35479 84653 94359 65283 73123 09592 59172
72679 40325 64573 68310 86286 31842 59014 21949 47495 32146
77840 32584 33103 86193 00000

11166 70202 25417 24087 01779
10975 19835 87023 78624 46107 11791 10989 32968 58286 14336
28744 30775 11908 02551 56192 29074 54690 02895 39955 07631
93743 67293 96577 08715 13139 54753 89326 64848 31423 12676
03529 19238 22514 75072 06377 68564 48404 19853 02147 82826
77126 52394 18770 81919 84409 07557 86678 73645 62454 87350
95880 82829 84293 76433 42197 26243 97135 02626 98590 13011
43165 34633 72533 75197 31212 34167 35347 58253 07746 04642

34452 26017 00619 03646 24466 59945 33996 11367 78084 57285
37927 72166 62688 57843 00974 51478 93606 54064 39342 75232
99982 64098 80960 43988 64170 72538 87934 38952 20603 68528
65819 62090 25080 35916 33142 77500 30389 75143 49620 46246
29226 61574 26507 71832 50325 69916 67502 98518 18762 19463
13670 29642 16342 19808 90792 58159 03036 21748 82611 26574
85373 03040 78373 58447 42767 43712 68143 28684 47660 70617
84297 64768 40480 75904 12654 96149 45303 39106 21660 93956
37182 07534 83096 68233 97070 14650 82709 14880 15290 41124
44233 29491 29453 48249 15220 30272 07815 38409 88129 57232
13963 22283 55106 39823 13790 87175 00000

11054/8189/6952 kHz, 26-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 26-04, 1200/1210/1220 UTC

11166 70202 71492 25088 02539
64071 03163 50206 13898 52374 58161 45643 58417 37347 23301
14822 32173 97676 43955 19259 90962 28452 51000 65564 03943
30993 03758 88881 14582 36386 01381 78615 13042 86139 79901
32379 49673 18409 37100 49106 44311 33222 52395 97255 71058
35153 93943 19052 23247 76869 30135 56703 88257 51996 87660
11526 86898 10734 23366 71911 57013 96671 02046 71091 86020
28226 97393 60614 22064 73144 58279 10486 18466 89514 07544
71904 91165 31719 65509 63541 93837 44761 15374 67279 40367
95413 52694 44373 29386 13619 86134 07952 50533 42575 81679
12806 77157 20968 67479 48401 75117 45745 41541 46050 82394
88915 49427 36179 39186 66777 24168 16637 73181 85030 05570
17967 69691 08206 81098 76596 81342 26842 15539 51873 56995
20862 61607 47885 94595 42575 68711 25999 47641 67742 32040
19068 39943 88150 49173 83231 68379 44124 76400 48248 98325
20420 01930 52306 81442 53933 78184 72243 50521 26661 80364
85109 71063 42360 83467 22021 54288 10322 74954 00233 61251
84730 45243 44373 52768 33009 23228 32776 64817 31620 49001
29847 14133 12733 00975 90404 63645 10220 19573 46928 02486
78396 94710 15656 20217 81958 09212 82466 80002 80542 55385
54487 20381 56363 66927 88356 40340 58342 33344 31088 47384
61184 89078 34469 73275 62836 94538 28929 87137 68753 51201
67826 60611 36430 17989 78070 64745 78609 21101 78038 03320
48636 74493 48713 12274 56361 53185 68977 79942 88062 86590
51009 67776 28802 64050 36710 36239 10659 69766 41109 05570
35284 89315 53675 06089 44207 54923 33473 97752 35330 21713
59114 88251 00000

11054/8189/6952 kHz, 27-04, 0700/0710/0720 UTC

10388/8084/6780 kHz, 28-04, 1200/1210/1220 UTC

11166 70202 75321 26089 01739
82558 89478 27552 11287 01800 63572 93622 50413 95093 87414
44905 93254 71843 35728 68567 18413 13795 35966 70494 73445
24443 09095 47983 82118 84008 38222 01602 47444 83412 32235
22148 30220 35702 76649 13640 07738 88343 88850 38279 42354
84838 19923 94328 14619 49096 70241 62836 00632 90989 11020
84134 98333 56546 29016 50079 32407 71204 36549 22938 92477
49570 14056 16874 84304 70123 77340 02974 98645 38293 86723
23741 27489 86352 40278 28003 82330 83575 18324 62166 94193
55072 71390 78749 00072 32762 68815 48152 45488 86910 50182
84572 57852 11669 46770 22026 70306 63058 65221 01402 00749
72827 50588 54490 15718 86634 70977 95915 33829 99974 90952
58928 48451 90307 25903 35969 74302 68800 94546 09963 47667
00158 11774 87274 34913 63934 89009 68256 28985 55800 34274
16335 38594 52188 69151 11568 99752 86745 04830 99615 64366
12053 44412 72055 45569 45022 03695 38983 24479 19436 67573
79834 48063 94039 24292 83376 72816 89654 44715 12780 33912
53710 98793 56743 44544 75680 26436 52580 55117 01812 04958
92216 89171 00000

11166 70202 65743 26090 01459
09043 99430 15668 22189 25638 42917 83608 54169 45643 37116
93730 41741 74846 72567 81727 53289 79755 79725 64490 71385
38829 53900 08581 53917 41870 20925 02322 13278 79732 54485
86189 87068 91561 81043 21184 98730 61734 33303 99889 31569
83697 38134 29889 64580 32884 49926 44228 43545 15902 65272
18627 85803 88181 79950 00108 42165 57263 74117 76740 64384
13921 36672 43190 51635 58299 64710 41748 74434 13268 99017
83542 99437 42162 81533 79613 63555 13106 45726 36535 70823
77106 75814 96276 10461 52111 95776 24992 19558 30195 74079
80419 38838 50097 55067 12585 34909 02261 52955 77493 87471
58596 69347 68489 64891 44120 20233 94993 36604 92696 83394
63276 95758 54030 02161 38979 90559 44129 06446 96060 87743
56403 37009 81849 16607 75602 83878 52906 67053 61765 74869
61366 40075 96386 75138 96466 74110 07968 83709 10927 95725
19155 37917 86888 90143 00000

11054/8189/6952 kHz, 28-04, 0700/0710/0720 UTC

11166 70202 73512 28072 00049 00000 00000 00000 00000

Link 80214

20875/19947/14571 kHz, 06-04, 1330/1340/1350 UTC

11166 80214 65489 06017 00049 00000 00000 00000 00000

20875/19947/14571 kHz, 13-04, 1330/1340/1350 UTC

11166 80214 85214 13052 00049 00000 00000 00000 00000

20875/19947/14571 kHz, 20-04, 1330/1340/1350 UTC

11166 80214 17654 19053 00049 00000 00000 00000 00000

20875/19947/14571 kHz, 27-04, 1330/1340/1350 UTC

11166 80214 48217 27049 00049 00000 00000 00000 00000

F06a – FSK 200/1000

17529/13925/11523 kHz, 01-04/02-04, 2100/2115/2130 UTC File 04465 (binary contents)
17529/13925/11523 kHz, 08-04/09-04, 2100/2115/2130 UTC File 04466 (binary contents)
17529/13925/11523 kHz, 15-04/16-04, 2100/2115/2130 UTC File 04467 (binary contents)
17529/13925/11523 kHz, 22-04/23-04, 2100/2115/2130 UTC File 04468 (binary contents)
17529/13925/11523 kHz, 29-04/30-04, 2100/2115/2130 UTC File 04469 (binary contents)

5145/3829/6976 kHz, 06-04, 0400/0415/0430 UTC File 44473 (binary contents)
5089/5785/6976 kHz, 13-04/14-04, 0400/0415/0430 kHz File 44474 (binary contents)
5089/5785/6976 kHz, 20-04/21-04, 0400/0415/0430 kHz File 44475 (binary contents)
5089/5785/6976 kHz, 27-04/28-04, 0400/0415/0430 kHz File 44476 (binary contents)

10755 kHz, 20-04, 1620 UTC. Text file, 5LG telegram. Logged by PY.

Copied by PY. Weak signal, partial decode only. According to tracking brought up by qsr711, this was most likely a 3rd Thursday 1620/1630/1640z 10755/????/6782cf F06a cycle sending a file named 40144-~1.TXT

A tentative, unconfirmed decode for the telegram's header could be: 11100 40144 98701 16153 03619

Here's the partial decode I managed get:

11100 4014_ _____
_____ _____ _____ _____ _____ _____ _____ _____ _____ SF
CMJWV QKIQI _____ _____ _____ I GUPMH SUPYQ EX _____ _____
_____ _____ SD QXFYP LRXBX E _____ _____ _____ _____
_____ JTC VMCAH ICEMT _____ _____ _____ _____ _____ XAB KHTLB
XCUQX _____ _____ _____ _____ _____ _____ PFHG YIRUI XBOLA _____
_____ _____ GXF VLJNY JYXYS AWGCA LWUAR MSKFF PUWHW JRWXG GIGCA
HXRER DFXNH XAQUH JILYU AUJSX YNYEW HHJCI Y _____ _____ _____

_____	_____	YIW	UWKGR	PSVUB	JDEES	VYCUE	EBTR	_____	_____
_____	_____	_____	EOCSP	BQOTG	CFLRS	UYCYA	WCRYB	OTSUU	YKHBF
BMPCD	XVGEF	DQIQH	JLQFH	MOPDS	NFQMB	_____	_____	_____	_____
_____	_____	_____	_____	KMVFX	GGNVA	RIKJK	UXXMM	TFFTG	E_____
_____	_____	_____	_____	_____	MWPSP	LSSLH	OLNER	DBRIU	NLBDO
UAMPM	XTNKR	PIKDY	NALMW	UILNR	MGHXP	YSKLA	LXXRE	HNGIO	SFMRB
KNEMI	SBPCI	YKWSH	T_____	_____	_____	ANGBD	BFDWQ	LRLPP	BQRTP
VEHOL	REXFK	LGNSQ	XBGU	_____	_____	_____	_____	_____	_____
_____	JX	GYWYY	HCJCR	F_____	_____	_____	_____	_____	YS
OBGAC	XYELR	ACBBH	EWDPC	UJGP	_____	_____	OWB	LLKFM	RTTHH
JWMTH	DXSQP	JOX	_____	_____	_____	_____	_____	_____	_____
_____	CWL	HHWFA	NYHQI	_____	_____	E	MKOQT	YOONB	BO_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	EJWOG	VDLQT	OXKBJ	VUYRB	ADBBX	OQ_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	NHESG	TMSIT	ENIDX	BTXBN	PXYJI
MKWIK	DETWK	HNDKT	WHJYO	CJWYB	AIN	_____	_____	INPT	ANMCD
RRIMC	HOAIB	PVSRF	BPRJU	CRBHD	MPBQO	CTGBF	YXVGI	IRTTB	SNOSP
UHQGP	UORAE	FWRHM	XHULR	_____	_____	_____	RB	BWNYG	CWQIM
SLGGG	YSCPX	HSQUR	WQYAG	ER	_____	_____	_____	YIFFV	IBEKJ
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
PJJCR	BNEAP	OQEYP	HLNPO	QTLTD	NBVVF	SKQFF	HXKKR	AYFJI	IITIJ
WXVCJ	KJFKK	GLSHW	YTGRJ	OEURD	LGOYQ	DXAHU	_____	_____	OY
SRRYH	NWACU	JKYUW	OMLDU	FHKJ	_____	_____	YVG	TTWKI	VTNEM
VHAEI	QHACV	BXRSD	LKGPH	FLURN	TDFHL	HUVHR	FAQDL	_____	_____
_____	XDM	HURUI	IGMYT	_____	_____	_____	_____	_____	_____

12219 kHz, 24-04, 0810 UTC. File 00173~1.TXT (2109 bytes), 5LG telegram

11100 0017_ _____

_____	_____	_____	_____	_____	_____	_____	_____	_____	EW
RGSEX	CPITF	_____	_____	I	REFMU	HBSGQ	TGMKD	ONOPE	XRVLX
BRXFN	OTNSC	GTJ	_____	_____	IRYJ	HTEMF	LBAQE	DNMWI	QYHRE
BQAIK	HXUPI	SQXMF	BKEAA	RLUTM	OAVVN	KMHPW	AIBGS	DV	_____
_____	NSXCK	WVYGY	DKGFO	HWABL	TNOEQ	GYEMY	SXXXW	BDPRD	OOAMU
APKKG	MUPEE	CJKCP	VQPMK	WFDUK	XELAI	GAKVY	PWNOE	ADXKK	XARIX
PUIGN	NGXBU	SJHWF	ANJUE	AJELD	IEDTO	SQDMW	GELUR	FKNTK	COUPV
YIFDK	MRPAS	SQTUV	ASFVV	ONTYR	KUVSB	WREOD	OIFGP	QXWVO	JSKWW
EFONH	BBIAD	EMAVF	IPACC	YQJHS	QLJ	_____	_____	LNWV	RVREU
PBQWV	MYDYW	ACHDI	GL	_____	_____	IONRN	JEQSC	VXSJ	_____
_____	_____	_____	_____	KXAPC	PSIEA	KNNIR	IJCIY	SBIOD	TOHJQ
HIRTQ	AKVB	_____	_____	_____	_____	_____	_____	_____	R
PPYYT	WKTDV	GDRSU	VUQVJ	TCUTB	KYLIR	OVEAV	NERXW	OKCFE	HKQSB
SQTCS	VBJTK	INKXK	ICAVT	ADNFV	SBDEE	NAPCV	XNUMQ	NGCEO	LTHCH
KPCSI	RBSRL	KJOUS	YSNUC	HBJCB	BHEBE	IIKDK	RYOYU	DNXKN	ILKEG
EUDQF	NGOIE	JYNBK	OIWIQ	NEVJX	SMCGQ	AVDWP	MNSEY	VSFHO	JBPBW
DXJKY	XAY	_____	_____	LMLI	KPICI	UYYLW	SECJE	DUOIX	LNWSJ
MOPAJ	ETEYW	HFRGE	LCTTN	OMNAG	GDWTL	QJRAD	OAABC	EBQBU	PXIUS
PYOLH	AHXAY	FTROR	YNAKI	WKXUB	CFRHQ	MICVX	UDPJP	WKBRM	WMCGA
BTJWF	GPYXV	CYGVG	QMQAD	GOAHN	RQGWW	JEVHX	ACJJS	XH	_____
_____	BWCLU	IJMAD	AHUXH	PSCWR	EKWLX	KYQSN	RYNFW	CTBOU	WRJNC
IBPTH	KHAPN	JSVVB	TMMVY	QYPPW	YDCVC	BFXTR	CIGBY	QBUXU	XTSKX
EBEXU	ULWUV	HEODT	NIFYQ	AKEIP	MLOND	CJQTT	CJCAD	TDFTE	OYMAO
YQXTQ	RHBKI	FFNFD	NMOSG	OBNXE	MFUVU	JFAXM	TDWUI	VEEUX	ULDDI
HHULE	CJAKS	APCFQ	BFDJJ	WUHEA	NRQPU	PXCHD	SKIFK	UAFCV	GOHIU
XYSYS	USKLC	QDSVF	LPTKH	TYTTJ	LOVGR	AWYBC	DQSNH	AQQBG	FKGCW
CLKGA	XSWCY	ECGNL	MILYW	CPJTW	YVBHD	CCVFC	CNYOO	LWTBU	DWTLB
AMILT	XOPGB	IUTRP	XDPRA	NVRIM	YIDRU	XXQAM	LQPBE	ARVBB	SXSID
EVJVV	KQXGE	UYVYC	FFAOI	UDTFX	WOPBS	XHAXB	YMONT	WAYIX	XECJD
LQIMA	PMHQH	OVQAM	GTJOS	KFHPP	GKMYG	HKGBE	NGRJO	HHVYP	KIPWL
OCPMK	YVUDE	EHLEH	ECXWA	DCFOT	VLXMG	AMXJY	EAHMM	MKUYU	GWMSW
IVEIW	RTCGR	HFYUG	PWVSW	CINOM	YQGUR	AUXHT	YKQVG	LJKCR	TCFJI
XHWUS	VESLJ	VHSOX	FATPY	QTDLT	FLSDB	KCVBT	BIKIU	ELAYY	NQEUS
ATJWP	YTJOC	EHYJP	XLPAF	UBYXP	ISHGN	XUXPT	VVTYF	RECPA	FCVFN

14652 kHz, 24-04, 0820 UTC

The transmission probably started at 0810z. According to tracking brought up by qsr711, a 0820z F06a 00173~1.TXT transmission was expected. I guess the 0800z F06 00000 was just unrelated. I couldn't find a third F06a slot.

F02

Mode: MFSK-4/150Bd/4000Hz

5374 kHz, 06-04, 1300 UTC
16230 kHz, 07-04, 0830 UTC
15751 kHz, 11-04, 0621 UTC
15751 kHz, 11-04, 0637 UTC
12198 kHz, 11-04, 0639 UTC
20439 kHz, 11-04, 0700 UTC
16230 kHz, 11-04, 0830 UTC
16230 kHz, 14-04, 0830 UTC
20439 kHz, 18-04, 0700 UTC
16223 kHz, 18-04, 0710 UTC
16230 kHz, 18-04, 0830 UTC
16230 kHz, 21-04, 0830 UTC
20617 kHz, 21-04, 1441 UTC
20617 kHz, 21-04, 1451 UTC
17521 kHz, 21-04, 1452 UTC
20439 kHz, 25-04, 0700 UTC
16230 kHz, 25-04, 0830 UTC
16230 kHz, 28-04, 0830 UTC
15876 kHz, 28-04, 1035 UTC
13896 kHz, 28-04, 1052 UTC

F07

14541 kHz, 04-04/06-04/11-04/13-04/18-04/20-04/25-04/27-05, 2000 UTC
13526 kHz, 04-04/06-04/11-04/13-04/18-04/20-04/25-04/27-05, 2010 UTC
12214 kHz, 04-04/06-04/11-04/13-04/18-04/20-04/25-04/27-05, 2020 UTC
11476 kHz, 04-04/06-04/11-04/13-04/18-04/20-04/25-04/27-05, 2030 UTC
10283 kHz, 04-04/06-04/11-04/13-04/18-04/20-04/25-04/27-05, 2040 UTC
9367 kHz, 04-04/06-04/11-04/13-04/18-04/20-04/25-04/27-05, 2050 UTC

Exercises/tests

24527/23158/22866/21875/20649/19319 kHz	02-04, 0700/0710/0720/0730/0740/0750 UTC
24381/23137/22875/21894/20752/19601 kHz	02-04, 0800/0810/0820/0830/0840/0850 UTC
24427/23124/22886/21873/20458/19111 kHz	02-04, 0900/0910/0920/0930/0940/0950 UTC
20494/19181/17441/16259/15834/14574 kHz	02-04, 1000/1010/1020/1030/1040/1050 UTC
18447/16104/15863/14706/13404/10921 kHz	02-04, 1100/1110/1120/1130/1140/1150 UTC
16293/15872/14754/13392/11439/10358 kHz	02-04, 1200/1210/1220/1230/1240/1250 UTC
15874/14383/13441/12158/11544/10394 kHz	02-04, 1300/1310/1320/1330/1340/1350 UTC
13887/13372/12187/10237/9307 kHz	02-04, 1400/1410/1420/1430/1440/1450 UTC
12173/11544/10351/9397/9109/8174 kHz	02-04, 1500/1510/1520/1530/1540/1550 UTC

HM01 - Dirección General de Inteligencia

11435 kHz, 01-04, 1600 UTC

Groups: 87414 78743 55071 45441 75133 33061
Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT
Callsign: QWERTY01

11435 kHz, 02-04, 1600 UTC

Groups: 87415 78744 55072 45442 75134 33061
Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT
Callsign: QWERTY01

11435 kHz, 03-04, 1557 UTC. Radio Habana Cuba; HM01 at 1558 UTC

Groups: 87416 78745 55073 45443 75135 33062
Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT
Callsign: QWERTY01

11435 kHz, 04-04, 1558 UTC

Groups: 87417 78746 55074 45444 75136 33063
Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT
Callsign: QWERTY01

11435 kHz, 05-04, 1602 UTC

Groups: 87418 78747 55075 45445 75137 33064
Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT
Callsign: QWERTY01

11530 kHz, 06-04, 1735 UTC

Groups: 87418 78747 55075 45445 75137 33064
Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT
Callsign: QWERTY01

07-30 April: repeat of April 6th

11435 kHz, 11-04, 1553 UTC

Radio Habana Cuba. At 1557z into HM01 groups 87418 78747 55075 45445 75137 33064 (repeat of 6 April)

P07

10446 kHz, 05-04/09-04/12-04/16-04/19-04/23-04/26-04/30-04, 1400 UTC
9379 kHz, 05-04/09-04/12-04/16-04/19-04/23-04/26-04/30-04, 1410 UTC
9109 kHz, 05-04/09-04/12-04/16-04/19-04/23-04/26-04/30-04, 1420 UTC
8166 kHz, 05-04/09-04/12-04/16-04/19-04/23-04/26-04/30-04, 1430 UTC
7718 kHz, 05-04/09-04/12-04/16-04/19-04/23-04/26-04/30-04, 1440 UTC
6969 kHz, 05-04/09-04/12-04/16-04/19-04/23-04/26-04/30-04, 1450 UTC

Q26 - Chinese military

20501 kHz, 02-04, 1034 UTC

7M58 7M58 7M58 DE 797Z 797Z 797Z
7M58 7M58 7M58 DE 797Z 797Z 797Z
XYXYXYXYXY HR MSG GA
0260 91 18 0402 1820
0260 91 18 0402 1820
0260 91 18 0402 1820
0260 91 18 0402 1820
KXPS---KXS6
3438 6050 5260 7682 2390 1407 3451 1521 0002 0007
2420 0857 2715 2727 9695 4169 0871 8285 1849 8519
0121 7435 2748 8714 8685 4554 7375 1430 4394 1506
1243 0120 8980 1035 3296 1981 3842 5232 0789 4052
2123 1039 8693 7345 9734 1934 7367 6304 4064 5202
1275 9358 6043 9534 9651 4517 6164 5858 9662 9683
1729 0694 3723 7875 9707 5893 1568 8275 9651 6769
9707 7673 2092 6526 9319 1030 5165 3528 6864 4984
7150 8138 4126 4640 0710 9763 6285 1583 9104 2763
0340
QSL ?

13368/12168/11168 kHz, 05-04/07-04, 1210/1230/1250 UTC

311 311 311 1 311 311 311 1 311 311 311 1
06749 00122 18376 77755 61703 04406 36471 51711 72247 61287
72760 29234 14639 22162 17180 11847 01006 22981 34698 50454
17616 39611 56762 65781 31230 50766 42843 13374 16424 10169
09317 68588 64522 43446 23821 95548 96278 76150 42125 56872
20199 70390 07001 37711 24243 81810 18872 60824 32334 47945
03274 64405 40044 97055 93642 30113 34378 19708 59334 64820
85813 42787 81578 12974 02670 67506 98001 41717 14520 68806
70194 18473 53254 98850 57146 68081 93274 02690 70250 56870
72890 00809 36119 90192 70374 77155 79112 89610 52299 00082
26047 32861 51059 41154 53636 79758 27236 34482 65016 86876
35646 34842 50294 62705 70529 69444 93350 02285 20521 76609
66802 30363 77612 65894 68064 78971 73048 41754 13043 72166
66724 99620 91018 35586 64232

13368/12168/11168 kHz, 12-04/14-04/19-04/21-04, 1210/1230/1250 UTC

311 311 311 1 311 311 311 1 311 311 311 1
04024 00204 67873 99338 22155 57516 29661 23177 21434 12243
15332 67732 96080 60373 47130 48393 31885 19752 04798 17705
55965 87245 79338 23732 69727 11498 00801 08687 49458 20142
56830 29890 00604 65442 75013 24477 73284 06676 69042 33859
91122 71811 52531 96429 44593 70043 94490 56157 80864 91603
75542 32502 07575 36707 62779 83666 26788 76571 21112 37744
53086 48131 12744 67029 44421 37484 64125 98739 06374 73126
99794 22537 91228 70892 19747 43502 56104 34397 14041 35923
52278 48103 13285 51912 02533 36698 74022 64188 27439 12375
07879 05608 21653 01554 54014 18232 77218 34965 46580 41082
11301 19427 44223 34687 82233 01454 93319 04959 50289 82156
56711 56413 50716 84178 16484 36991 79602 06090 04526 25579
64053 52350 23726 70265 73781 18997 80825 56926 86204 97556
22973 70243 08926 08573 61395 80866 26674 62564 91945 24538
69032 64544 28107 05204 50158 14042 97129 06127 88252 60101
29163 01034 07982 12453 20711 03162 45370 11654 27757 99336
91513 02280 39090 49481 78841 69546 05020 13644 64012 69830
27217 96089 17142 09726 42403 10797 82724 65377 21998 10322
20227 99176 36436 47014 28013 97418 30164 41010 89015 41587
28564 06846 38518 25956 37671 40541 16984 85955 82771 14274
01748 10464 52335 23867 73543 39564 13620

13368/12168/11168 kHz, 26-04/28-04, 1210/1230/1250 UTC

311 311 311 1 311 311 311 1 311 311 311 1
03060 00188 43677 19294 99526 78797 04377 70120 67877 05254
40073 46353 54196 73783 66389 77227 91112 70053 44714 49843
24403 41375 73100 10485 39873 44683 83870 64177 65129 53899
02771 48218 81487 41023 15995 35254 42224 14886 14354 35594
90737 88372 70040 93923 26919 67527 26248 96590 88666 35534
19318 74893 82958 86610 56737 94722 08602 43850 71747 52191
79099 62599 07182 51610 48870 17128 24228 81644 91023 51801
63499 79449 22534 71109 50397 77278 65413 69921 18849 10325
34024 93558 90163 64178 82879 63874 41158 00017 26389 81756
18168 91910 91428 33044 97698 35701 12920 52740 15476 91213
06265 35343 64936 06643 22732 98293 64256 55003 29545 66522
43458 44192 93099 14557 68322 59057 15247 19224 57815 17524
76639 15843 65112 98274 36552 06146 78659 08409 18077 12933
55404 97352 47661 27617 87642 12034 56182 29772 41103 05492
84781 50849 21439 10192 51082 22888 09822 58052 78960 31053
93289 95467 59176 97870 57047 53332 33646 14316 63223 51156
48358 72492 33338 52257 93877 77423 30296 52663 14349 17919
12844 61344 26792 23273 46022 21669 03879 00012 12672 41120

41879 75840 12371 20804 13107 69584 79581 66861 30068 49455
45237

XPA2

15859/14659/13459 kHz, 0910/0930/0950 UTC

15859/14659/13459 kHz, 01-04, 0910/0930/0950 UTC

00284 00112 46949 02944 08939 87459 63618 48095 04769 16663
14907 85617 33413 52849 07706 38680 52335 95704 44632 83370
80496 45128 25587 90309 65944 82940 06655 41402 78716 94893
22114 08792 07706 93710 95988 91456 53697 61041 10582 07381
03608 21589 58379 36797 34411 86230 35053 38607 79919 46393
43142 20729 18517 12435 91841 43928 10029 71038 73638 97214
76322 98709 75265 07824 82944 91874 15311 82787 67943 09024
67556 43777 99458 14593 16799 81717 70850 91213 13630 41692
89449 69774 96046 71548 42632 40582 30366 81742 00298 59433
70364 40073 02356 47553 70010 80923 42256 13257 97141 83825
46642 81381 06786 03638 93478 24422 36210 58232 39117 79826
13947 51417 75081 37513 16276

15859/14659/13459 kHz, 06-04, 0910/0930/0950 UTC

08119 00001 00000 36261

15859/14659/13459 kHz, 08-04, 0910/0930/0950 UTC

01282 00001 00000 33261

15859/14659/13459 kHz, 13-04/15-04/20-04/22-04, 0910/0930/0950 UTC

08959 00198 83303 33451 84067 52618 29279 88366 34311 60560
48156 95804 83217 87078 54499 43198 54174 48630 48292 51555
71971 66594 81980 57578 09604 75537 03524 64200 15150 22049
60675 15597 08651 47820 80692 35071 62931 70644 60786 45164
72594 26156 58935 92536 70468 16107 07710 40518 74788 77129
10775 29078 52520 74143 36899 68303 40657 99740 52537 28000
61785 48618 89348 68907 97793 63231 58936 99783 86689 94986
75436 93334 04563 33476 07200 99363 90788 83193 78001 61050
39685 13045 97990 83145 64016 09943 20508 68294 86522 40024
62131 40914 76296 25297 18626 78464 19302 92957 06515 78215
54540 31917 03503 09607 15244 71159 60792 69112 02512 73796
45865 12399 36271 16089 75502 15396 41188 70643 20870 46485
90880 12938 87482 14892 13050 53436 81575 34297 77283 20754
38249 14691 25359 21579 60086 49254 19565 61398 37671 13594
90063 39335 51760 67801 68622 87116 92117 80995 25441 12497
44589 95948 99431 93809 30574 02799 06969 05979 65196 66761
60185 13444 21880 09222 42824 79639 06558 68345 45796 48391
58521 37050 72903 40891 59588 89910 47005 50763 28735 41835
75221 38569 21472 47426 65506 84800 92317 06074 01002 59026
74465 37264 22743 98459 42632 09189 47944 95220 19784 44987
13425

15859/14659/13459 kHz, 27-04, 0910/0930/0950 UTC

05823 00001 00000 36657

15859/14659/13459 kHz, 29-04, 0910/0930/0950 UTC

04405 00001 00000 35654

15881/14481/13381 kHz, 1500/1520/1540 UTC

15881/14481/13381 kHz, 01-04, 1500/1520/1540 UTC

00320 00263 49202 23118 49227 79294 00437 56123 36924 02019
54130 77035 60591 45777 32069 30072 08550 53143 10520 72314
24580 98633 48664 86348 63418 39895 97832 65758 29124 30812

11267 27679 71939 36905 72123 15170 15079 10764 88798 09572
58028 87552 76832 89146 26168 74414 57788 69867 58051 96594
57959 91342 33590 40924 34505 44142 42417 78044 46699 87049
99662 64183 31314 40355 75358 44841 82466 07757 14199 03793
38599 64793 32055 30416 61864 26402 43668 28558 62108 58544
61935 98515 75028 28341 59237 65641 27588 50804 86951 05102
30503 29276 32453 41620 22411 39909 70455 23377 87542 68217
01876 62185 19900 82789 33190 98294 82908 35055 89656 40759
08859 00082 01497 29454 72056 04658 57422 52634 76630 69055
09899 91125 30190 64234 45812 04985 50272 46371 42786 27819
69748 90690 22914 95246 76734 54640 99171 46383 39001 14791
01356 28028 13450 11412 99231 26192 60564 59610 72873 94619
95860 60320 73317 71194 97490 89886 07883 49645 35201 67459
84250 67456 43102 57899 10653 73190 03632 01682 89545 92256
86351 69134 10865 39714 34938 88874 97699 78881 71990 22583
64479 17194 58384 01539 24765 31605 15224 70497 84087 94997
64191 75798 59602 58912 76974 73408 14472 90345 17245 28912
67412 33021 22267 73034 68677 02074 89291 54576 28163 22941
80499 17618 23087 79371 26947 62767 57703 23501 10539 38675
45232 79699 84575 51208 08341 16481 36112 04279 96287 23555
48665 60127 53185 76368 68675 06364 70298 19794 79505 32141
43737 63434 15848 79549 23195 44309 44581 42394 39797 75991
54294 06213 79814 48568 53537 68927 10338 65243 77765 52998
75646 00893 38597 36800 90410 40203

15881/14481/13381 kHz, 08-04, 1500/1520/1540 UTC

07149 00001 00000 36263

15881/14481/13381 kHz, 10-04/15-04, 1500/1520/1540 UTC

00296 00291 20842 92994 62900 52756 69537 91769 23867 96167
39677 09612 23370 49042 42541 48438 36764 79246 51213 97534
60652 87441 07806 79608 01796 69853 58861 00646 61830 60959
81847 20657 98671 84459 09189 41641 98212 31958 17734 84994
82596 52948 16398 08519 03796 90367 61503 73101 71968 42698
05502 56247 54442 14088 84216 84610 31722 23027 19588 05290
06969 59959 09986 95815 68017 41107 46854 81207 71528 95355
51063 49845 74487 99861 43918 83094 02203 91220 57839 13482
60241 01262 39026 68361 09367 93915 52328 39811 64960 13371
48584 35234 28237 88465 25393 94240 61007 70675 54478 43239
81893 22066 72535 44628 42029 24065 12223 99748 75917 24120
64767 19907 68332 88757 56261 58341 15588 24676 43033 62891
18940 50755 82692 51290 95377 12564 56807 54268 88768 15188
63622 89169 61393 85778 18211 02056 19551 68237 32151 04597
82176 89284 39533 44867 67979 35716 78750 91950 16515 91611
49181 48732 73568 16003 12554 29828 12872 35638 97806 97869
07030 53464 02079 32180 23867 80413 55075 83766 99790 00403
24908 72651 65133 10694 82015 94193 96808 95840 16396 82411
90476 84077 51628 41825 38168 81955 58626 74148 15534 70585
96182 54203 45927 90319 27184 64970 80464 43886 17065 72340
15444 95582 66514 50119 84893 10622 96030 09939 56211 77155
82403 09076 47797 59596 52282 78210 23486 11160 10678 97132
83602 64789 11740 49410 08027 42817 35387 17581 15818 53964
48009 93360 37950 32679 23302 02657 96522 05502 75567 94445
47218 08064 95801 18825 98475 38230 11358 46424 47681 67159
87569 65723 18654 64186 51070 17002 13779 82107 21363 15383
61781 21725 25712 08237 96272 02614 51695 49886 67312 45531
05540 98104 54092 18396 38148 77255 70001 67221 46919 68328
85059 76138 80871 02465 88748 19427 30813 25161 88101 36730
64055 72500 96147 63352

15881/14481/13381 kHz, 17-04, 1500/1520/1540 UTC

05745 00001 00000 37261

15881/14481/13381 kHz, 22-04, 1500/1520/1540 UTC

05279 00001 00000 36664

15881/14481/13381 kHz, 24-04/29-04, 1500/1520/1540 UTC

00351 00241 65821 79624 56118 93516 83658 84521 68225 22495
88645 99075 09891 47113 37243 18958 86642 90131 22136 13139
77210 03591 68532 30350 87887 11635 15395 04507 48624 32068
60382 97735 13067 45963 04021 01494 44658 07633 98983 82186
54752 16172 37774 22449 63243 51377 88251 29257 68878 11618
93980 51304 60712 03279 85837 56323 56323 99594 02164 00038
08454 08746 56813 96050 31443 38426 93684 13655 86050 11765
68957 86001 48118 08263 46422 83819 06958 29123 96164 63131
91296 35709 83952 68978 50404 94622 51678 53479 80844 85707
54314 87024 10384 55472 66564 32308 82869 33067 88407 88613
01101 35548 81492 79223 41860 62704 89810 38116 54568 62487
65650 71108 39721 85173 34013 43245 67217 56555 49060 20230
86810 46524 35302 52543 69218 94079 17250 82198 89631 49554
04072 00434 25715 60058 36828 70627 85774 09294 34555 80607
29799 90160 17345 78601 21278 32852 82883 38575 79982 83606
89554 25638 50148 45594 38813 72135 87165 85625 60885 08617
37862 66722 79217 55680 78627 41171 52671 14031 85282 17030
04166 32254 18535 17696 29809 04420 80978 93322 12686 69482
69002 62336 78424 43427 70618 12428 04228 34577 82909 29219
71213 81213 74834 74512 43471 38067 35257 20631 51105 12540
48996 32601 63916 15371 09018 70399 43686 25005 69708 16515
19565 55749 02815 48079 98194 26075 41814 56146 99934 71244
76514 37540 59831 37695 10973 09847 06104 92763 24183 00690
72545 50709 24285 09016 01456 66947 64543 77807 12448 25891
91568 91404 45883 10672

13881/14881/16281 kHz, 0800/0820/0840 UTC

13881/14881/16281 kHz, 02-04, 0800/0820/0840 UTC

01491 00001 00000 33662

13881/14881/16281 kHz, 07-04/09-04, 0800/0820/0840 UTC

06138 00133 14094 44737 66098 08267 92182 15177 41282 26032
30133 59039 60158 97647 93448 63217 14636 79961 84288 87309
58466 44726 84208 64004 61131 60935 11053 45820 65082 71547
91678 40033 65906 68652 73193 93421 89021 55633 85939 76852
87195 71356 17889 59604 86699 46639 27490 69168 05143 15858
14348 01941 66518 43755 67929 58742 33431 91881 07022 08631
29906 81294 64918 86792 37471 49516 20262 20390 89551 10008
62528 85276 13324 17851 11470 71612 06389 96444 88866 41384
56216 61617 06050 42343 38238 39964 99121 41070 54720 93378
00990 97866 55073 07449 04957 13730 41079 87573 32460 85365
95736 81510 59376 40754 31028 16294 27862 69711 75193 27896
11991 57462 43514 67969 69128 03943 33446 80701 24593 72293
71969 50558 46099 75434 51460 74857 05078 33825 05021 31092
72135 34469 04828 21810 61129 45631

13881/14881/16281 kHz, 14-04/16-04, 0800/0820/0840 UTC

06392 00096 06260 32285 47435 77765 94303 76062 41043 47438
30232 98417 83928 11346 70963 94926 81922 97481 43898 98263
85449 79139 65679 76729 86366 58560 68569 65382 76397 74460
09315 18435 71311 39552 64147 20067 63464 25122 05793 21057
24865 77091 91279 40272 29926 77528 45469 58306 74724 89657
39973 42747 72892 50952 12436 44841 48606 64692 05231 61073
43641 86378 92253 15522 14922 97515 86985 29145 00455 10940
81941 86563 56515 35517 63956 50912 10894 36611 81961 66560
00581 57431 99652 81576 67483 50352 41721 36189 82618 22313
90218 27329 65175 70262 72156 57524 72588 21939 33113

13881/14881/16281 kHz, 21-04, 0800/0820/0840 UTC

03922 00001 00000 36655

13881/14881/16281 kHz, 23-04, 0800/0820/0840 UTC

05085 00001 00000 33665

13881/14881/16281 kHz, 28-04/30-04, 0800/0820/0840 UTC

00191 00105 10436 48207 22181 84534 50279 02076 42792 07841
34167 40292 80448 70171 74977 41399 50439 61944 29381 49008
87057 24418 74306 28007 36664 03061 54735 81785 17084 65638
21307 32085 06627 07045 96801 24576 37472 25467 14213 96632
56699 69655 60491 62118 28864 19327 86047 31497 99569 34877
97482 19057 11433 46578 21667 63216 88572 84428 81763 81453
40838 11748 03252 36074 59580 43196 08832 69584 80150 31242
47489 80795 38232 97002 64755 97157 21886 12408 98102 91259
15193 83220 91982 38051 15613 02185 36063 05097 55847 90789
73161 95942 53719 48886 18453 02326 93712 24697 62611 59785
83081 18915 77417 42978 23690 54769 21823 22771

14442/15842/16342 kHz, 1200/1220/1240 UTC

14442/15842/16342 kHz, 02-04, 1200/1220/1240 UTC

00499 00167 02250 71390 48004 80106 25482 58843 22257 81782
11861 65922 17314 04920 67977 87359 54465 93816 73251 71420
32932 16814 87474 28248 00515 76870 82769 73384 33061 09974
55277 67167 06663 31949 86984 88642 80428 76576 63076 20818
66225 31308 73946 99275 85896 71758 97607 31689 47032 86217
49164 97641 10758 17259 36344 12429 72230 94320 14580 67305
16820 07707 32328 72329 21297 90749 73840 97269 25940 44677
23412 05658 90265 68760 45551 09430 24403 53251 93091 16897
14978 71974 70912 39426 79620 99433 51076 55994 66989 90419
92028 42598 30686 57459 31817 92141 74960 05975 59858 76532
65344 05991 20840 75616 47939 32365 34197 40067 95871 03851
55341 45099 80291 27956 38943 54266 87916 71960 87830 82086
44034 63614 46774 76272 29434 96930 42458 48815 56128 67247
59624 57838 71691 51052 65064 12886 71364 73018 08522 68307
23500 19525 39468 61870 60134 99433 38590 06100 60413 08422
47914 55481 63444 79353 29480 76599 09790 59204 66298 20376
71771 12810 68504 84783 91938 08054 96607 56106 25090 06052

14442/15842/16342 kHz, 04-04/09-04, 1200/1220/1240 UTC

00257 00122 21797 33594 13057 62766 25008 17529 70758 93824
35678 70475 11908 65141 11047 91777 94684 45158 86115 60666
88964 58087 38908 07882 46949 38873 70436 83780 85399 23157
24418 22755 30673 39278 77796 30553 70520 79489 44555 05934
04180 89374 39988 79468 86451 91762 51809 12006 88412 90590
23940 07673 34702 26554 72285 32881 80536 40648 39529 41665
94884 99871 19108 10317 40491 84121 15760 57109 36496 70912
06070 61550 54268 27466 66892 27739 92908 41559 50649 82228
41621 69681 42111 67029 13056 57751 17974 38759 45699 27188
57326 64760 25698 16147 26275 33494 12398 99398 58668 58042
33512 49337 19382 29308 15253 65340 50428 55674 77595 63121
25368 21810 56345 29814 78534 75772 96184 92194 95874 25709
22991 39668 08286 91603 16013

14442/15842/16342 kHz, 11-04/15-04, 1200/1220/1240 UTC

00547 00198 97683 01683 42876 88796 06256 43694 46029 56028
97082 41200 82965 03044 97113 62487 74567 43035 67464 26545
26781 62200 88197 69596 03405 38056 23579 76388 38201 98530
83764 94364 32118 18107 87174 15615 79265 29826 63305 08807
61449 90294 22674 92133 73480 45534 05888 93304 93296 64998
83329 92590 14084 69456 73823 81430 48659 73041 95161 26773
44233 92963 04390 27720 73148 07036 54359 58976 56569 62037

81618 34404 77456 48865 90384 68866 19814 40916 92188 75658
30124 97269 75955 47314 70146 30181 97083 94050 88743 34396
11883 30487 10956 00679 21220 77565 93170 71826 19838 64435
63244 84320 71717 61862 65647 99757 78270 63091 92988 62209
90554 98543 29263 56798 63503 67674 15797 74956 17621 68280
71954 60556 28881 84871 66526 62642 59245 98654 45178 93587
96623 76656 77585 77461 66659 84374 49995 45098 56810 15660
90880 16788 45974 37227 00901 36849 63259 42585 03284 54931
35273 00594 52631 75389 73347 72426 85016 98643 94950 87729
72356 64547 52777 10317 63102 69308 21002 75697 59539 42345
84690 73879 35477 29776 54539 42590 13180 20290 86572 00840
81699 72477 47785 48739 43695 16969 30336 83101 94476 33247
00747 26469 68666 77701 52766 58350 76957 24142 14063 03544
72542

14442/15842/16342 kHz, 18-04, 1200/1220/1240 UTC

06722 00001 00000 35660

14442/15842/16342 kHz, 23-04, 1200/1220/1240 UTC

02498 00001 00000 37263

14442/15842/16342 kHz, 25-04/30-04, 1200/1220/1240 UTC

00588 00142 73395 32759 21647 07280 44846 90334 50420 80388
66935 55694 87450 22629 38946 62599 69435 67028 21861 43121
32724 57485 23084 19533 93052 55318 11088 86070 71514 99892
22929 91563 64386 26619 46007 01610 84550 52301 20987 67529
91256 71574 27982 73392 27866 46801 30534 56040 66582 09774
66487 33530 32811 61065 66446 46507 17608 25831 20258 07495
32957 05299 06234 53143 78416 80441 65100 04187 73757 97584
89778 63679 67340 03252 70082 94135 96550 81443 36822 17593
68798 91887 63058 57927 90442 17006 79614 04747 33334 60867
40680 23888 38269 87226 69531 03942 84843 43810 02810 62457
38572 19463 58522 20223 29886 61379 60768 42728 99802 76954
05148 23499 68992 99386 67577 84071 75579 47685 77240 13174
59575 29603 69670 47946 19351 53550 39576 85959 69370 75578
72288 80408 82609 35740 11833 14447 03651 58679 28975 75910
10999 54017 55414 34885 44527

11409/12209/13409 kHz, 0700/0720/0740 UTC

11409/12209/13409 kHz, 03-04/05-04, 0700/0720/0740 UTC

09805 00124 16273 47766 36194 70982 15365 41148 09246 35930
48124 47697 16757 19937 33080 33502 09347 53768 19153 28540
17357 82153 57663 57492 45334 06854 14531 37068 80838 87688
89305 98119 13494 68580 74845 52344 47090 43653 27474 71186
98619 04407 95976 25270 55116 00197 75450 31873 40972 50726
52791 22650 31877 97177 02989 58749 28417 80980 03396 63962
34555 98987 52993 24233 22325 11888 28335 09404 63093 06053
21556 47324 87274 16984 54274 32789 52510 14169 16665 84440
27725 07169 58173 52447 51791 95364 70035 12115 36447 63271
95209 05150 57137 84332 46021 70086 01084 74857 30140 00348
88755 30397 10653 25178 43399 79080 18013 54327 10551 36908
72954 05880 14710 50566 50566 64165 66439 64986 01947 44131
71315 60014 95754 47127 48788 27130 27710

11409/12209/13409 kHz, 10-04/12-04/17-04/18-04, 0700/0720/0740 UTC

06308 00188 87314 13928 99806 46420 90754 86177 76078 12831
82809 22417 46255 91306 53785 18411 26220 49287 93271 02129
93031 05269 51913 91554 11160 75934 92112 17948 23225 80237
24536 85235 68400 29448 39376 52996 87775 30353 39808 91583
92647 05014 54428 29148 46587 50597 62132 88667 49194 46486
36779 23969 22705 50898 18377 04691 95962 06929 83205 14682
96194 48297 86280 32694 40369 53054 76110 69846 34867 45622

66330 49206 70682 10846 01865 99240 06809 64476 77815 93877
83422 75265 74734 79475 39024 39511 56546 99765 89094 24961
01321 77059 85130 53132 22906 25515 55437 49512 86852 15264
06873 93038 33270 40725 22476 78597 71580 75748 36356 02227
81399 58160 07444 34542 97105 39989 92805 85807 30891 50964
03271 31110 90835 92837 90047 62138 21975 39543 71082 84915
17746 87423 93923 87306 75645 64019 07666 96757 26693 00164
67041 84449 16533 35106 77981 88458 50529 62074 95851 73314
38778 81443 95555 31373 35313 94172 73906 40098 26049 42823
29736 29794 73909 73202 85574 51250 29381 53083 30017 30056
38091 70934 82019 78377 87585 71839 90800 74596 82441 41947
33831 33027 86237 69177 05758 19236 89553 55440 74660 30497
66762

11409/12209/13409 kHz, 24-04/26-04, 0700/0720/0740 UTC

05902 00218 61069 42404 94084 72868 90638 70573 18378 70145
14149 46649 03064 62125 90671 98652 79420 31506 54804 87488
33624 13148 52995 00387 41015 94067 36423 69389 50032 94817
74749 60880 45001 39598 95151 92934 60802 55696 92934 22521
97553 92640 42044 70064 12056 96195 79378 08648 39763 10280
45037 15336 06131 08720 51889 88202 22442 98219 20530 23109
48923 62490 91853 29069 80213 00353 15107 87145 81239 61236
80256 21463 04527 35759 36737 76019 10450 45560 05213 98305
72726 04773 32385 77614 59229 08368 17725 24933 38461 40885
60240 46192 66564 16153 84787 79763 86553 14717 03872 35962
28813 28386 80054 46664 69693 01663 11253 35166 83239 35293
37646 36638 21920 81982 56235 69965 28959 34532 62242 63664
15371 65144 83930 73190 08567 82928 70121 83728 52777 35569
39789 53427 39042 62858 92205 92104 63685 17494 12845 97664
42858 99410 98042 01312 50221 76549 75038 88091 41123 20273
45727 21805 78247 16548 57769 61565 31158 74879 58453 46301
82298 83267 38827 06187 13555 31948 27080 08970 00096 65820
46028 76165 26999 56243 11954 43811 36624 76618 05627 71862
68755 09740 40728 27549 39218 65155 35794 14752 80837 56776
96341 34021 83428 30805 80413 60118 02314 01106 51619 42863
88224 75605 03603 73591 18456 39734 24957 53426 28264 62619
59626 58395 26610 26886 72308 68303 25754 25629 71106 82046
17774

18038/17474/16286 kHz,, 0910/0930/0950 UTC

18038/17474/16286 kHz, 03-04/05-04, 0910/0930/0950 UTC

09279 00188 45166 41300 00521 14938 73767 97640 70218 31980
01319 29502 83625 80840 11392 28411 54679 19492 19202 42147
05095 80336 27557 88145 32842 89260 33782 69598 76875 43638
50245 48853 21900 53075 82398 38073 92309 62547 73594 58336
77924 75789 82061 70998 40141 83316 36066 63471 89620 77037
95494 31290 69605 32686 63905 45820 54095 56119 81517 57683
39899 88005 04654 64096 33092 60896 30694 20496 24122 37043
25614 51895 03111 69102 53899 74918 88299 07749 62542 24570
00537 51546 72737 53114 74106 08283 48149 32771 57327 54418
02299 41281 52842 76741 50905 88858 85984 41301 97820 60358
47690 00014 11244 75895 91901 14945 90346 81447 16608 97158
85392 76170 12064 53740 54513 77758 84039 61250 61741 43809
87922 46126 08827 88111 70589 39825 74998 00983 28987 28437
88675 92283 31628 18817 03582 22920 13637 34001 70390 99003
41775 00673 73019 31548 47233 67267 03366 10636 36325 07476
46107 30761 00567 49779 74306 02038 34502 10675 87373 23423
12683 80103 28951 64094 55169 28516 17656 61715 55037 34966
60282 46065 08179 44084 71040 50872 76226 11575 70802 82980
91293 38558 32012 20687 16659 21145 95033 61510 39661 00731
25146

18038/17474/16286 kHz, 10-04/12-04, 0910/0930/0950 UTC

02411 00093 05114 00400 91480 76757 64331 87880 12297 73752
38209 47878 59758 57500 25822 00854 64240 35580 72127 54190
25943 83549 37002 42759 21482 29232 07625 31547 17377 29496
38342 75554 12462 19933 61768 27095 27958 27653 84104 18929
79351 39857 44572 62908 13660 63968 30352 59230 23413 64587
92594 30729 80784 55154 00606 18875 14059 25322 80861 99211
75679 48519 73501 98343 97928 21484 19608 22018 81081 26391
04267 02723 95363 07557 46384 33957 17966 73567 77796 18473
08537 16373 60381 67653 91011 01585 84133 34051 22044 62944
94506 63442 42613 19491 46747 02234

18038/17474/16286 kHz, 17-04/19-04, 0910/0930/0950 UTC

08188 00035 89289 68916 88193 92840 45974 67525 70325 19377
36646 25757 21326 53701 57587 06872 47479 89435 69517 85995
35547 13742 10385 84761 55935 16441 72970 59780 03224 25599
39058 02734 07796 90023 57367 40127 81237 33412

18038/17474/16286 kHz, 24-04, 0910/0930/0950 UTC

09501 00001 00000 34261

18038/17474/16286 kHz, 26-04, 0910/0930/0950 UTC

08965 00001 00000 40266

15881/14481/13381 kHz, 1500/1520/1540 UTC

15881/14481/13381 kHz, 03-04, 1500/1520/1540 UTC

09819 00001 00000 41662

10249/11449/12149 kHz, 0500/0520/0540 UTC

10249/11449/12149 kHz, 04-04, 0500/0520/0540 UTC

01484 00001 00000 35261

10249/11449/12149 kHz, 06-04, 0500/0520/0540 UTC

05101 00001 00000 32255

10249/11449/12149 kHz, 11-04/13-04, 0500/0520/0540 UTC

08554 00089 81020 38797 05000 35324 79741 90885 02236 55250
28377 58962 11153 34088 38088 85767 93210 59465 41178 87777
46758 42410 73652 66206 48900 70026 89673 01624 45325 49010
22563 12636 26309 91143 59920 72042 81151 19321 79805 55405
51430 97125 89222 16430 58564 97105 35299 62761 76386 11847
99558 52907 37626 59839 07931 73812 71107 68793 51461 24887
32396 59087 77922 61089 85176 07904 77430 32482 92802 93631
13203 14976 68951 83186 10241 78443 26510 37501 90023 82105
31925 54550 06981 71697 06231 97978 11495 74953 86533 15346
77500 26675

10249/11449/12149 kHz, 18-04/20-04, 0500/0520/0540 UTC

06994 00117 39266 64432 21077 44261 22518 56705 25902 93758
34744 76283 84965 89077 81366 68265 06098 77009 42368 97082
51555 18428 58938 17937 90282 74803 73547 95206 45906 63176
34512 52742 48693 48342 01456 40861 81474 45041 27751 07217
95646 42856 24612 81041 59868 37062 14671 16789 30383 03119
04829 84965 82110 46361 21716 76689 58489 25538 69714 05453
06590 69912 39175 56916 80726 37155 83683 76267 06343 26172
56281 14003 00764 68532 15780 77298 28579 51316 73288 59073
93531 22924 12286 99934 74604 11205 06825 75212 83688 38242
69576 53157 72352 09739 80348 14211 23177 96587 63865 18693
55676 53499 01510 90859 29355 55936 48057 97335 61270 79963
06672 91671 51833 86977 74283 66743 86506 55768 59541 00112

10249/11449/12149 kHz, 25-04/20-04/27-04, 0500/0520/0540 UTC

02470 00109 29175 09141 23130 04343 76608 77545 86849 99475
13841 81482 87250 63396 94405 64250 26754 24401 23267 06170
68910 27279 44255 26583 11841 15319 12365 27124 36916 11380
75728 30419 58979 82349 04990 68219 70612 24283 10784 90513
24647 30605 00323 94995 05539 88536 11283 15082 30396 50129
45291 27188 41042 39187 70067 42264 66762 17932 15414 61302
66154 84134 31986 31860 94159 37360 40661 88777 68960 45250
72425 45848 70428 50474 41360 11360 86156 24903 53025 50607
55682 98993 53898 49912 46690 37578 33417 18988 17305 78412
92054 30543 81917 52513 90389 12385 89393 29993 32346 77839
29691 32879 70909 93769 97205 50972 54494 75524 13773 55977
12625 42330

16341/14841/13941 kHz, 1100/1120/1140 UTC

16341/14841/13941 kHz, 04-04/07-04, 1100/1120/1140 UTC

09297 00116 42161 36950 85069 77557 45272 46798 81729 85674
75355 52308 02892 81292 79053 17874 35287 90659 56142 95300
49271 41915 75133 02045 05105 17920 01500 94855 36920 09624
47416 70497 71122 54358 26333 40652 26138 21787 48690 16044
30157 43470 97364 68704 37061 64654 69352 82416 99945 36419
24490 09091 57061 90951 33319 27393 12416 08696 83937 24583
32469 36915 64019 67287 90200 22744 33838 79182 92988 21613
48884 71038 16401 41531 55665 06620 84831 22808 57605 90766
06413 75091 12640 67190 32245 66305 20893 04095 23743 72140
03227 62118 59235 94105 93557 16957 47743 62071 71746 44479
58022 94177 34507 08459 26986 89940 58922 26834 73212 71605
24711 24059 29754 67939 24488 22726 39165 45348 71270

16341/14841/13941 kHz, 11-04, 1100/1120/1140 UTC

07110 00001 00000 31660

16341/14841/13941 kHz, 14-04, 1100/1120/1140 UTC

09052 00001 00000 32266

16341/14841/13941 kHz, 18-04/21-04, 1100/1120/1140 UTC

00363 00192 19460 63053 87277 91227 88770 65644 66756 99808
69445 73879 88513 92664 69162 24169 74719 25785 95108 85911
51233 28168 95899 85289 74504 36001 19930 92944 40254 96507
32893 94445 20433 19412 49947 87866 29037 08524 28525 41958
23801 93700 16826 39988 89015 39014 65695 24344 49223 03953
55312 64411 93589 95268 66244 21877 27758 19885 11161 10408
12178 14647 07651 34397 99730 46209 16718 08121 03904 12831
26995 78895 53223 32685 98875 81110 61864 45516 12405 85436
17947 75375 44225 30128 57266 91359 39393 28948 46390 35752
21284 47688 67134 07955 08178 95658 42162 07771 71176 15783
46437 35967 91576 28679 06245 71029 16199 02554 58141 33302
32958 52444 31192 53494 14378 08006 42057 42880 18631 50701
52266 13522 82457 72178 96738 49988 45650 66660 41351 39813
83679 87784 80891 84003 47306 62167 49434 67840 25628 92583
53853 24061 80865 87803 03856 32359 22151 31496 75510 01867
28537 55722 41183 62872 04823 63904 55244 02075 50821 03092
66538 79235 41186 63370 10645 94290 82024 04094 70590 62528
31090 40017 76120 36764 01310 42638 42123 21468 59616 97842
12214 52066 72718 78185 59878 86512 43104 85101 02170 54189
83839 63992 02560 24823 11400

16341/14841/13941 kHz, 25-04/28-04, 1100/1120/1140 UTC

25-04, 1120 UTC: Off during the intro

06989 00104 29491 49551 70582 73581 21943 22445 45226 12994
00846 32509 55904 53946 96763 55646 15985 48153 15197 19997
91830 88209 82124 61569 22285 55351 70408 53654 24257 93923

25422 43449 97244 16017 45639 88085 56733 36319 17248 46082
06996 91971 33311 04291 78336 05330 22178 11989 10486 56732
30840 22564 84262 00080 51981 07995 65854 24285 10447 59830
34622 04903 93432 38452 53266 57558 82298 59626 69744 97534
48712 66094 03680 97695 32586 18654 59488 69333 05838 21231
82044 50527 52587 61075 90776 46417 91558 63881 08814 94702
75255 48573 67190 03008 53305 81648 53445 35837 24190 10106
88888 95734 63235 16286 18273 91579 16607

15819/14919/13919 kHz, 1600/1620/1640 UTC

15819/14919/13919 kHz, 04-04, 1600/1620/1640 UTC

06650 00001 00000 34263

15819/14919/13919 kHz, 06-04, 1600/1620/1640 UTC

04936 00001 00000 40657

15819/14919/13919 kHz, 11-04/13-04, 1600/1620/1640 UTC

00118 00198 08399 10937 48646 88908 25734 93479 64539 24835
48278 44795 06746 68563 37208 42120 81186 15790 62638 87739
14743 36277 95477 06951 81159 86909 44445 66000 18765 00048
59427 44837 88057 42852 81039 25426 07219 71990 02541 33543
71964 88023 95996 69594 21450 15077 57821 59867 42951 64654
92353 60398 80310 60357 36074 24073 03586 58980 34343 92935
44800 37225 18036 34384 50549 93789 61521 52277 86765 47684
97603 16129 25991 17998 16245 06955 80795 68987 17529 00135
27685 77717 31085 54226 44929 40444 30721 22628 71806 80791
19463 87287 00192 23008 77812 06444 36400 85384 55115 79859
09991 45299 15143 27832 29635 12943 94103 94654 44544 55615
04611 47953 27906 66246 87937 27239 08099 43423 41641 31796
74335 13100 06477 95946 03493 13066 74357 09311 85964 89956
24364 99764 27372 67311 96495 21961 70562 25351 55783 84418
34334 33496 02955 45110 40567 77963 12218 84949 14104 55213
68785 97560 42781 38774 55675 36983 63482 35505 46414 92665
78951 83340 94084 05303 53136 47321 67884 78020 05013 56734
37781 52439 17397 97302 97396 36326 26792 49428 54701 73794
09200 38012 57240 54536 64417 24928 72725 91554 36622 03120
76548 56354 47971 38116 60929 61813 58587 08735 48669 09975
75502

15819/14919/13919 kHz, 18-04, 1600/1620/1640 UTC

07453 00001 00000 34664

15819/14919/13919 kHz, 20-04, 1600/1620/1640 UTC

03308 00001 00000 36653

15819/14919/13919 kHz, 25-04/27-04, 1600/1620/1640 UTC

00400 00283 49971 00112 55863 32071 15136 67636 89675 41142
36224 69981 69190 44747 33118 29417 09805 51777 84462 27591
29888 55269 01268 69427 85146 52088 26074 72095 35413 45518
08533 85382 07634 44939 09083 08184 17561 22647 97432 47149
04475 71576 02999 42675 25902 79851 36588 27672 32721 79066
69786 30117 72772 01371 47459 76661 68388 19489 42427 44815
90492 95335 11565 07761 10727 88652 17867 30363 92860 34147
40475 30998 21389 86354 58710 29020 39778 63192 11763 78977
96958 58691 16606 44549 77122 80949 66314 13676 79540 26682
70238 90394 63339 89918 11667 20612 76787 85184 59471 32550
05970 30342 93246 63170 19580 78743 36208 69734 77921 55073
52470 21274 87559 96250 50620 18113 52090 08062 46649 93989
24991 11486 80143 38807 10593 54204 54953 48858 79412 50230
81939 89489 18663 48926 49011 96493 48118 42120 17075 53100
67607 58802 29068 73750 42669 97828 11051 98660 05204 37266
54964 99031 46692 26313 56518 68763 59122 88045 17177 82539

67891 41644 17515 85231 10495 33703 99322 40748 31343 25054
14282 90885 99289 66488 93318 06237 79304 84943 41834 09484
01110 31713 87837 16829 30283 91786 75794 10544 16641 80817
51304 82854 23664 69863 60254 48124 03281 79837 48389 45405
42939 03845 11361 24140 03405 17362 49862 83363 81611 35780
78377 10541 16396 65200 85313 96646 36726 25474 47259 80735
19311 00734 72596 53068 33484 58693 06658 15360 01533 97615
54004 27475 85855 05131 40814 40511 15627 97182 20854 03446
91539 32628 46542 09794 15075 11546 48233 52098 82386 64630
67985 61385 33377 28808 88383 27723 75185 94587 82710 34148
65702 37661 00286 59368 63853 10098 19121 29001 33996 59546
86393 70700 26859 90045 07610 89133 11101 39103 12023 90662
04057 78352 35323 60719 10205 05650

17426/16326/14926 kHz, 1100/1120/1140 UTC

17426/16326/14926 kHz, 05-04, 1100/1120/1140 UTC

06867 00001 00000 40664

17426/16326/14926 kHz, 06-04, 1100/1120/1140 UTC

05154 00001 00000 33662

17426/16326/14926 kHz, 12-04/13-04/19-04/20-04, 1100/1120/1140 UTC

07007 00181 78974 61583 03417 96073 52185 08930 09483 58103
23183 34560 87880 39324 58920 58246 78179 89403 22084 87273
97070 83746 50819 60901 94067 36903 95683 58926 30802 96279
26453 02762 28529 86142 22821 00478 85883 48462 66720 69669
29063 23774 95987 26929 75905 97628 65797 62594 17156 94785
29809 11577 91908 18837 45947 97845 96906 75603 66336 20389
83286 15247 32224 50952 14830 64919 46531 83694 00821 60992
21438 71476 39609 93345 77682 35953 35555 93732 19912 74987
21000 53293 70752 43599 86324 56608 01411 45938 92062 90592
30089 45332 20792 65614 59335 21642 59692 80279 27271 98033
12398 82770 05894 81282 77669 63022 27436 73386 37128 27821
96834 47521 78546 37570 42121 42591 26861 62538 98456 00258
35737 89562 07541 40541 65791 80839 68356 73380 02035 84372
53048 31491 77723 22715 11192 05053 55836 96932 58552 25740
53724 54744 78024 07983 37566 46634 74319 44323 30765 93196
34189 32859 30975 14453 50690 23295 56520 81530 44543 42667
65603 43314 68891 37329 80608 57799 45506 58973 15195 44965
58126 51616 73548 25098 32549 90862 23453 63776 86782 40925
68948 34395 91450 57210

17426/16326/14926 kHz, 26-04, 1100/1120/1140 UTC

01478 00001 00000 37260

17426/16326/14926 kHz, 27-04, 1100/1120/1140 UTC

09118 00001 00000 35662

Exercises/tests

24527 kHz, 01-04, 0700 UTC

23158 kHz, 01-04, 0710 UTC. 00413 00210 17445 ... off after 51 groups

22866 kHz, 01-04, 0720 UTC. Off during intro.

21875/20649/19319 kHz, 01-04, 0730/0740/0750 UTC

00413 00210 17445 87196 61616 37691 54527 30231 43308 05628
10055 63062 17128 61271 74872 27526 70309 43961 09600 62022
83910 61332 87705 04033 22561 88775 07308 41202 30542 21559
22689 57302 83682 14720 91010 26138 62272 70402 67274 93720
73349 11587 86915 50854 10704 29270 89921 29881 64523 07128
84179 76307 29889 87602 52048 65564 48082 38134 66809 66734
20093 54692 10663 39955 06366 94951 07111 37056 92212 59275
76184 67424 14172 39549 68495 83230 92194 36375 52804 50598

64778 81136 25024 92128 76794 30350 78354 54315 14012 02565
29200 06835 88628 41488 48066 26673 14697 76243 96056 38728
87780 39548 49193 31651 89948 88402 48385 37894 80869 95012
21210 97202 44513 55240 63702 71348 38270 26286 54779 34624
32616 84182 74818 62811 83374 25918 25005 01002 85368 16683
16516 08873 34009 23757 41792 29792 68176 69944 13368 35366
78008 08683 01947 43233 24316 17108 76134 77096 73014 03984
03923 34946 27595 40690 62265 84265 77267 46891 27633 08050
07087 80374 92288 55911 71677 86925 03665 07389 33142 05748
48842 81318 11014 55638 81027 30156 39440 24236 84108 23906
49460 27678 89744 27611 13269 30034 01092 45737 58548 96666
57895 16766 26228 78729 69236 28780 73479 32141 78165 85261
08469 54422 39869 92525 46311 88588 65079 89884 88917 89476
50017 44240 17733 00000 00000 00673 00180 87324 27396 65313
28977 48384 68739 61104 85965 75580 73037 52528 93487 39990
44265 69319 83586 37454 36925 41082 76575 30470 59320 68614
55457 85011 58491 27823 23648 42628 65846 21007 80365 74407
99482 28962 68825 09039 07744 10091 97549 60014 42371 92015
73117 12930 17053 82338 99985 84935 90934 66477 41602 61743
68626 74258 72581 18616 18664 73869 66508 13677 14889 16790
75671 82078 36562 06509 72945 79762 15852 10799 93893 58269
51792 46224 84357 88041 98500 43919 87177 07827 48540 49324
78849 65788 16025 12676 09766 13196 40762 99771 40946 87299
23654 71178 24723 08405 25951 99307 31103 14224 88999 03605
03237 63034 78004 12782 65257 46961 63247 08837 74976 07947
85789 50763 03327 45533 23314 25486 67492 15451 01206 31701
51514 42636 96896 38396 90913 11340 18361 41347 89191 33333
47842 41473 38135 12171 15917 09099 87915 39946 27614 08730
11521 98672 51475 69071 12718 48877 21698 62695 52221 12858
08028 84446 00999 44498 32015 90496 20286 40419 28225 52227
67874 87968 79474 07035 30305 59860 68120 41447 61721 23574
72864 64818 99262 97160 83669 12082 13012 26410

24381 kHz, 01-04, 0800 UTC. Not heard

23137/22875/21894/20752/19601 kHz, 01-04, 0810/0820/0830/0840/0850 UTC

00518 00295 85119 70174 09679 74223 19555 02481 24590 83118
10830 94458 75787 99558 56251 53770 32131 10256 67993 77711
97622 57315 57744 54366 86092 87314 76551 56816 37100 80558
24053 27694 84167 92128 85202 05984 72731 35928 79967 96430
68260 72932 78856 66843 33931 86523 40678 99124 16691 91391
28096 29851 06798 71077 65502 76921 72611 59605 01514 59613
71624 62079 69544 70582 75917 59356 89893 55464 29819 05166
43885 21548 69400 60608 25939 76726 08792 41031 30977 35802
99174 94587 53288 81586 50294 16156 28796 16943 05255 08189
10947 96232 23915 76217 12055 98634 34264 18227 44610 75007
35017 90388 09889 70373 83033 66858 38661 74195 14437 46722
62268 95780 21804 23272 39421 39658 09621 05971 17382 06385
14099 78044 09100 35594 63451 65591 76706 68733 25520 16389
50348 89483 12137 41033 48261 18259 92796 72227 64801 94256
05945 77727 07993 95169 19757 09242 75689 43249 95057 94972
32554 08374 75200 41009 53770 69288 59429 40038 59591 32943
84986 95758 15599 81005 30613 68767 49750 10659 92556 04503
21999 77750 17183 27097 74416 14152 22634 29862 32157 11713
23625 87737 36228 81831 29464 52934 07910 85376 52589 70978
02301 39980 58487 56029 27076 03576 43144 73906 86471 67703
19776 22640 03225 16940 26051 63359 26535 46381 56496 43219
08201 49169 98157 38860 42124 51096 30158 43420 55792 65912
65614 76955 28296 97563 03565 95108 02860 74001 74978 62833
89382 29955 25975 09588 47445 54878 67879 08048 84459 24118
77948 14836 81278 56175 19100 03952 12690 97398 59679 61674
62466 75847 85305 64268 72299 12403 86216 88023 39819 96513
28987 39464 41718 13246 74035 74190 56260 97433 83378 21638
63155 88529 88469 79018 38808 41252 67713 15712 01144 99680

30544 75061 76003 10238 22987 27468 44449 51365 64095 41102
86397 00672 00477 22508 97671 81033 05330 62175

20494/19181/17441/16259/15834/14574 kHz, 01-04, 1000/1010/1020/1030/1040/1050 UTC
04874 00001 00000 37263

18447/16104/15863/14706/13404/10921 kHz, 01-04, 1100/1110/1120/1130/1140/1150 UTC

00856 00273 55549 20210 79510 07429 50867 43975 67688 26075
83266 01721 64978 57865 81553 02638 36660 28107 36659 28993
48326 68635 84447 97266 66792 25961 23603 53494 41749 82180
45236 81494 08923 48312 63222 58203 93167 60334 48543 51514
08064 13000 08355 67357 34067 78787 32163 03516 30324 55996
78030 58487 25127 77724 32184 31722 28729 51757 29643 78056
87652 56196 41164 37932 69241 45756 41163 52294 80783 17099
99720 84138 09532 39529 15983 52310 64766 44964 00904 94469
12897 49894 61021 52867 90989 16943 17729 46792 55017 80698
75780 13906 80352 83837 94932 30700 09956 60817 06634 42498
42319 25456 16995 80896 84656 28697 15715 86853 06246 46776
34520 96747 49585 58837 12256 22192 50823 79415 29489 00490
68404 11067 74711 41248 53674 28365 17286 66782 59838 71264
98014 22651 38315 02955 73412 65297 15615 36043 49268 75687
51617 64888 79780 71252 41510 70735 18421 99448 87256 52450
52052 36419 56537 84561 87873 79955 56220 88998 25342 21987
17742 74315 47853 94229 04588 33341 50074 89702 34843 56703
89697 61969 30909 46015 06195 56142 66203 63007 69019 25749
85553 17641 99532 78963 06048 06002 08644 11762 86697 74792
45119 24172 56610 13090 61244 39161 69188 57552 69946 20486
33785 33666 23456 65835 37573 61872 34207 21224 11899 25470
62132 67049 25843 71483 43583 28671 07075 03971 50722 62462
11545 36390 71338 54182 42678 45357 94059 91612 49963 37337
11537 94861 73720 30849 38957 42044 71985 89670 53995 12750
38943 21962 64414 54762 33043 08906 24431 82452 69043 19759
73126 97503 42999 19006 39336 43602 11409 93172 06328 49141
18796 70751 51471 37890 87386 65142 41180 23441 95556 81605
61143 45839 18237 49569 92470 43253

16293/15872/14754/13392/11439/10358 kHz, 01-04, 1200/1210/1220/1230/1240/1250 UTC

00857 00291 31071 90035 20969 10661 09190 86900 47742 67616
25568 22838 93388 30061 21020 53433 43599 44518 68610 14869
56994 15252 97404 68394 85885 34829 04848 73558 82988 83574
30920 08130 67961 49016 22715 65996 99176 95637 92142 12374
93311 03864 48171 66101 93646 00384 31256 55065 67992 10435
50354 67941 99910 25505 15545 23715 96939 28710 85556 67880
65383 95902 30891 20618 47406 60088 45819 33190 79787 86633
61605 80216 85017 71797 98600 50538 03651 29850 30021 28509
68653 85599 85926 58505 82294 97398 74442 16122 73952 70866
32550 46703 11602 30505 97387 42667 89724 49837 58081 57928
75817 69675 19034 24358 41229 06462 73389 30558 42076 58739
03343 53517 94058 76231 19873 20454 19171 30944 04488 02598
86328 15601 48065 03244 76790 64983 95565 56890 84839 14738
69141 19412 65761 92309 45336 38399 17607 04054 62673 26110
81734 16787 35420 99791 52762 18693 66190 09266 36270 17464
29204 63002 20741 73410 96137 80061 43951 74144 69233 39762
82254 68826 63498 80133 31074 04703 92333 11404 95887 35254
37329 62414 20886 39067 76183 72190 41250 29046 86262 87914
44686 76591 30419 08284 48698 13464 02056 05392 63123 71162
05170 68695 31941 00949 44368 06350 92834 51350 29338 44712
72668 51480 94085 12595 87447 50973 58233 75158 36440 78477
19754 07193 42754 11758 51002 12949 65191 51793 93214 08909
50991 08622 78706 80838 94828 19861 23953 66271 74465 16255
90519 12700 10009 38260 28021 50167 57301 28852 38179 63371
24543 10293 00124 36987 50646 36224 16445 11870 15821 37925
04406 17180 57941 36673 28185 01422 57064 72383 30975 45407

71183 12645 03854 77294 12840 18431 57345 46132 46923 91427
72466 52681 38230 29490 15979 53510 03154 22780 19219 63520
97426 13770 27571 96798 02598 23872 27300 39893 95977 43490
95540 71433 84948 71065

15874/14383/13441/12158/11544/10394 kHz, 01-04, 1300/1310/1320/1340/1350 UTC

00940 00279 74813 33736 32332 51889 54661 58502 45873 19134
95569 94186 41800 27298 57602 73600 60639 88962 07648 27970
37149 29442 68170 35400 38667 70220 03897 88147 04536 16934
63866 51471 16242 29101 44929 92205 11883 74221 73435 31114
24829 13667 38419 07405 77984 10666 70053 72681 38558 89335
57066 44988 17909 27972 70581 92205 17310 99499 33800 68566
09507 52247 20926 34809 23079 41485 07734 21135 77017 23646
10474 79713 37376 53584 00442 42807 05013 02097 24002 94142
88894 95040 41742 77146 23611 71422 91388 27164 52572 16574
12789 52777 80710 37850 96401 07780 05680 63593 00395 44389
38074 58668 74876 24903 92929 93447 54996 25835 87805 52532
05249 19775 23193 35903 75655 23864 67126 01595 27072 55871
02595 59697 70038 52923 10050 94839 65143 42161 04517 27787
35540 01985 00390 29604 30202 74978 27056 19743 22211 90605
31734 22513 52203 30829 31161 07193 67925 00614 84517 09287
92401 19023 40586 83941 33680 95081 05323 33803 19479 88749
70764 56592 68202 87333 54919 38892 08594 07778 67877 27350
05204 20661 67672 73362 10566 75137 65382 45442 01062 90159
94728 00646 69295 03757 28832 09947 64547 17001 48085 08111
52686 15307 11279 23823 33733 47081 27831 47775 43020 36382
79977 25342 45595 33855 56167 03539 83254 28059 94251 08066
07827 08207 99954 03952 52356 03657 22879 05983 45080 94700
68530 74266 61724 60253 43118 02447 56550 37461 62316 28744
82175 27350 50881 06211 95536 20955 24908 24898 64966 64406
66635 27803 28707 00708 57234 56860 76998 68655 56756 76896
66320 83380 58106 68821 23252 80776 88904 02789 35849 75790
98674 24892 86611 78155 31928 65755 32767 01152 63760 68731
84246 78497 76349 68931 56538 04211 78436 80300 17285 99374
79326 64444

13887/13372/12187/10237/9307 kHz, 01-04, 1400/1410/1420/1430/1440/1450 UTC

00147 00293 99464 77051 76113 23397 16171 79607 66739 98209
52947 04690 78967 38757 80984 19714 30391 86600 23699 86156
01721 52196 16456 74048 61644 43085 58253 13086 65749 68122
36669 94286 12341 34825 34182 14258 62751 81554 71214 31236
10878 94838 41790 95722 19287 21039 91997 53962 43179 54215
83004 27006 73449 31824 65107 77592 89870 51844 72904 08675
35069 22036 42178 85634 22387 36166 90738 29288 20579 51125
52233 02196 51467 44895 92851 17682 25801 77498 07322 16995
02265 33722 36373 02350 60915 29529 48631 93258 30164 44682
93398 03013 38528 59953 60877 68261 83690 04641 62114 54889
44046 85622 11405 01627 02437 49622 19366 32131 58419 58064
38619 19671 99300 27731 79302 28342 68988 32275 36411 54407
70757 45596 36245 10517 95087 14196 83275 50314 87301 74060
58337 10976 93628 04599 06478 22960 74581 90893 51654 40021
28069 94545 80279 48718 95553 99924 11747 84892 54334 48960
63931 63530 94204 63790 09883 52108 00327 82330 58592 11397
10959 64006 41449 81025 40485 13962 38227 91820 31375 33194
91033 16097 25472 68269 73712 26731 82922 28896 30848 77549
51406 63810 49779 06259 70296 64234 50236 67855 89792 33057
04041 48549 20564 47412 28790 82372 34763 10711 82353 73148
69924 27032 14726 73923 30294 04163 41995 44411 30380 34195
44914 66974 86308 95862 39719 36391 52208 02758 74762 76200
76472 56811 92058 53327 78384 82182 64384 88573 34649 43176
33023 93624 35984 59210 78584 21899 40318 34055 51230 74793
51979 57180 74730 22890 19664 65177 73954 21513 62247 04938
56792 64323 05402 35297 06664 86184 15892 16927 77282 08124

41057 80053 92581 47481 76919 33744 05949 05213 15398 42477
23206 82864 42612 43181 95250 22934 09061 72971 76579 88263
11658 70794 63523 51094 14374 29551 39292 93474 74934 41343
78222 77815 85181 60693 26257 44465

12173/11544/10351/9397/9109/8174 kHz, 01-04, 1500/1510/1520/1530/1540/1550 UTC

00217 00255 85415 01804 44643 88473 45558 81457 21075 46381
76895 84546 65896 29937 97332 34899 14555 87509 35990 62012
47012 02571 46654 29347 44834 37425 13764 34434 52885 79448
79638 09668 38210 08010 75992 25986 43948 27483 47751 79684
88240 19605 59803 98837 33275 07484 28038 50536 20328 58711
81300 46580 35863 68417 93465 30990 10266 15933 95732 61791
73531 46657 47578 33191 18188 36138 12983 74841 49459 19949
39779 82758 85265 17740 84687 24596 47645 15284 57263 96797
42440 93907 46883 08814 65895 11948 56511 12236 85110 98322
18550 93499 73421 80672 75455 03795 37727 70002 88348 51992
81604 54009 65535 96254 70544 92979 93876 10671 30906 23088
99444 85265 34200 27764 99431 70572 61180 08338 58028 87904
45339 94137 80448 12409 34479 09152 91437 17780 57050 43546
52900 01648 02607 76167 35693 54875 73786 62337 91399 31983
82973 06964 62891 65730 52787 12790 44946 54046 02681 63483
73678 54091 89950 12325 24270 25970 87963 08261 13038 13189
39220 31865 04293 00220 30713 93999 84186 85669 99500 60197
10876 32181 91976 63425 53621 34706 82018 86312 64750 79834
35842 74562 84012 70898 90308 06123 46353 33690 30693 13523
61844 22851 02238 21479 34984 84367 70896 27811 04170 18301
08739 22005 88274 04365 42368 83183 00247 83593 07852 12329
64657 74150 90165 76706 69425 63836 69986 54779 32084 06205
54263 70300 46784 91399 38012 48685 01780 16259 50765 74135
82312 74138 84550 38972 28703 21365 07226 77653 75970 15261
85312 05270 50587 12282 51344 79091 79647 43096 24857 69199
92336 61965 04362 64103 71320 03768 78102 37421

XPB1

13562 kHz, 01-04/05-04/08-04/12-04/15-04/19-04/22-04/26-04/29-04, 1100 UTC
12162 kHz, 01-04/05-04/08-04/12-04/15-04/19-04/22-04/26-04/29-04, 1110 UTC
11562 kHz, 01-04/05-04/08-04/12-04/15-04/19-04/22-04/26-04/29-04, 1120 UTC
11162 kHz, 01-04/05-04/08-04/12-04/15-04/19-04/22-04/26-04/29-04, 1130 UTC
10562 kHz, 01-04/05-04/08-04/12-04/15-04/19-04/22-04/26-04/29-04, 1140 UTC
10262 kHz, 01-04/05-04/08-04/12-04/15-04/19-04/22-04/26-04/29-04, 1150 UTC

17474 kHz, 01-04/03-04/08-04/10-04/15-04/17-04/22-04/24-04/29-04, 1200 UTC
16274 kHz, 01-04/03-04/08-04/10-04/15-04/17-04/22-04/24-04/29-04, 1210 UTC
15974 kHz, 01-04/03-04/08-04/10-04/15-04/17-04/22-04/24-04/29-04, 1220 UTC
14974 kHz, 01-04/03-04/08-04/10-04/15-04/17-04/22-04/24-04/29-04, 1230 UTC
14374 kHz, 01-04/03-04/08-04/10-04/15-04/17-04/22-04/24-04/29-04, 1240 UTC
13874 kHz, 01-04/03-04/08-04/10-04/15-04/17-04/22-04/24-04/29-04, 1250 UTC

13527 kHz, 03-04/04-04/10-04/11-04/17-04/24-04/25-04, 0500 UTC
13927 kHz, 03-04/04-04/10-04/11-04/17-04/24-04/25-04, 0510 UTC
14727 kHz, 03-04/04-04/10-04/11-04/17-04/24-04/25-04, 0520 UTC
14927 kHz, 03-04/04-04/10-04/11-04/17-04/24-04/25-04, 0530 UTC
15827 kHz, 03-04/04-04/10-04/11-04/17-04/24-04/25-04, 0540 UTC
16327 kHz, 03-04/04-04/10-04/11-04/17-04/24-04/25-04, 0550 UTC

20038 kHz, 04-04/07-04/14-04/18-04/21-04/25-04/28-04, 1300 UTC
19538 kHz, 04-04/07-04/14-04/18-04/21-04/25-04/28-04, 1310 UTC
18268 kHz, 04-04/07-04/14-04/18-04/21-04/25-04/28-04, 1320 UTC
17468 kHz, 04-04/07-04/14-04/18-04/21-04/25-04/28-04, 1330 UTC
16268 kHz, 04-04/07-04/14-04/18-04/21-04/25-04/28-04, 1340 UTC
15868 kHz, 04-04/07-04/14-04/18-04/21-04/25-04/28-04, 1350 UTC

Unscheduled transmission

7703 kHz, 05-04, 1430 UTC

DIPLOMATIC STATIONS

Diplomatic stations: Bulgaria

17440 kHz, 04-04, 1229 UTC, RFSM MFA Sofia wkg unid embassy
17442 kHz, 04-04, 1257 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 05-04, 1225 UTC, RFSM MFA Sofia wkg unid embassy
17442 kHz, 05-04, 1259 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 06-04, 1227 UTC, RFSM MFA Sofia wkg unid embassy
17442 kHz, 06-04, 1259 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 07-04, 1227 UTC, RFSM MFA Sofia wkg unid embassy
17442 kHz, 07-04, 1259 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 10-04, 1225 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 11-04, 1228 UTC, RFSM MFA Sofia wkg unid embassy
17442 kHz, 11-04, 1259 UTC, RFSM MFA Sofia wkg unid embassy
17442 kHz, 13-04, 0714 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 13-04, 0838 UTC, RFSM MFA Sofia wkg unid embassy
18515 kHz, 13-04, 0840 UTC, RFSM MFA Sofia wkg unid embassy
14770 kHz, 18-04, 0829 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 18-04, 1235 UTC, RFSM MFA Sofia wkg unid embassy. QSX 18035 kHz
18035 kHz, 18-04, 1235 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
17442 kHz, 18-04, 1259 UTC, RFSM MFA Sofia wkg unid embassy
15770 kHz, 20-04, 0825 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 20-04, 1229 UTC, RFSM MFA Sofia wkg unid embassy
17442 kHz, 20-04, 1258 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 24-04, 1228 UTC, RFSM MFA Sofia wkg unid embassy
17442 kHz, 24-04, 1257 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 25-04, 1225 UTC, RFSM MFA Sofia wkg unid embassy. QSX 18035 kHz
18035 kHz, 25-04, 1225 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
17442 kHz, 25-04, 1257 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 26-04, 1228 UTC, RFSM MFA Sofia wkg unid embassy. QSX 18035 kHz
18035 kHz, 26-04, 1228 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
17442 kHz, 26-04, 1257 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 27-04, 1227 UTC, RFSM MFA Sofia wkg unid embassy
17442 kHz, 27-04, 1259 UTC, RFSM MFA Sofia wkg unid embassy

Diplomatic stations: Egypt

17414 kHz, 26-04, 1233 UTC, SITOR-A 100/170 MFA Cairo clg TVVX: Egyptian embassy Algiers
17414 kHz, 26-04, 1245 UTC, CODAN-3012 99903: MFA Cairo traffic to Egyptian embassy Algiers

Diplomatic stations: North Korea

16250 kHz, 06-04, 0819 UTC, DPRK-ARQ 600 LSB
19040 kHz, 06-04, 1351 UTC, DPRK-ARQ 600 LSB
12200 kHz, 10-04, 0844 UTC, DPRK-ARQ 600 LSB
16250 kHz, 13-04, 0647 UTC, DPRK-ARQ 600 LSB. QSX 16252 kHz
16252 kHz, 13-04, 0647 UTC, DPRK-ARQ 600 LSB. QSX 16250 kHz
16250 kHz, 21-04, 0650 UTC, DPRK-ARQ 600 LSB. QSX 16252 kHz
16252 kHz, 21-04, 0650 UTC, DPRK-ARQ 600 LSB. QSX 16250 kHz
19320 kHz, 21-04, 0718 UTC, DPRK-ARQ 600 LSB
16250 kHz, 21-04, 1230 UTC, DPRK-ARQ 600 LSB. QSX 16252 kHz
16252 kHz, 21-04, 1230 UTC, DPRK-ARQ 600 LSB. QSX 16250 kHz
16250 kHz, 22-04, 0800 UTC, DPRK-ARQ 600 LSB
16250 kHz, 23-04, 0839 UTC, DPRK-ARQ 600 LSB. QSX 16252 kHz
16252 kHz, 23-04, 0839 UTC, DPRK-ARQ 600 LSB. QSX 16250 kHz

16252 kHz, 25-04, 0730 UTC, DPRK-ARQ 600 LSB
15555 kHz, 26-04, 1334 UTC, DPRK-ARQ 600 LSB
16250 kHz, 28-04, 0654 UTC, DPRK-ARQ 600 LSB. QSX 16252 kHz
16252 kHz, 28-04, 0654 UTC, DPRK-ARQ 600 LSB. QSX 16250 kHz
16252 kHz, 28-04, 1415 UTC, DPRK-ARQ 600 LSB

Diplomatic stations: Russia

14941 kHz, 01-04, 0835 UTC, MFSK-66	Russian diplo
17441 kHz, 05-04, 1152 UTC, Serdolik v2	Russian diplo
14650 kHz, 05-04, 1202 UTC, Serdolik v2	Russian diplo
13368 kHz, 05-04, 1205 UTC, Serdolik v2	Russian diplo
12186 kHz, 05-04, 1548 UTC, MFSK-6	MFA Moscow clg 214356 rando_one X06 to Amman
16026 kHz, 06-04, 0743 UTC, Serdolik v2	Russian diplo
16026 kHz, 06-04, 0802 UTC, Serdolik v2	Russian diplo idling
17503 kHz, 06-04, 0745 UTC, Serdolik v2	Russian diplo
16313 kHz, 06-04, 0802 UTC, Serdolik v2	Russian diplo
17534 kHz, 06-04, 0759 UTC, MFSK-6	MFA Moscow clg 351264: Russian embassy Abu Dhabi
18196 kHz, 06-04, 0914 UTC, MFSK-66	Russian diplo
16103 kHz, 06-04, 0920 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
18195 kHz, 06-04, 0926 UTC, MFSK-66	Russian diplo
17503 kHz, 06-04, 0747 UTC, Serdolik v2	Russian diplo
16026 kHz, 06-04, 0745 UTC, Serdolik v2	Russian diplo
12188 kHz, 12-04, 0846 UTC, Serdolik v2	Russian diplo
11153 kHz, 12-04, 0837 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
14695 kHz, 14-04, 0658 UTC, MFSK-6	MFA Moscow clg 341265: unid Russian embassy
16181 kHz, 14-04, 0733 UTC, MFSK-66	Russian diplo
13510 kHz, 14-04, 1016 UTC, MFSK-6	MFA Moscow clg 216435: Russian embassy Dhaka
16260 kHz, 14-04, 1022 UTC, MFSK-66	Russian diplo
17524 kHz, 14-04, 1041 UTC, MFSK-66	Russian diplo
16263 kHz, 14-04, 1049 UTC, MFSK-66	Russian diplo
17527 kHz, 14-04, 1218 UTC, MFSK-66	Russian diplo
10952 kHz, 18-04, 0745 UTC, MFSK-66	Russian diplo
15989 kHz, 18-04, 0801 UTC, MFSK-6	MFA Moscow clg 125643: Russian embassy Ulanbatar
13401 kHz, 18-04, 0820 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
16188 kHz, 18-04, 1132 UTC, MFSK-6	MFA Moscow clg 325614: Russian embassy Nairobi
17422 kHz, 18-04, 1126 UTC, Serdolik v2	Russian diplo. Serdolik selcal
17419 kHz, 18-04, 1127 UTC, Serdolik v2	Russian diplo.
13424 kHz, 18-04, 0814 UTC, MFSK-66	Russian diplo
14650 kHz, 19-04, 1105 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
14452 kHz, 19-04, 1128 UTC, Serdolik v2	Russian diplo
16334 kHz, 19-04, 1135 UTC, Serdolik v2	Russian diplo
17440 kHz, 19-04, 1153 UTC, Serdolik v2	Russian diplo
21821 kHz, 20-04, 0705 UTC, MFSK-66	Russian diplo
18230 kHz, 20-04, 0819 UTC, Serdolik v2	Russian diplo
14547 kHz, 20-04, 0922 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
18197 kHz, 20-04, 0926 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
18195 kHz, 20-04, 0928 UTC, MFSK-66	Russian diplo
17448 kHz, 20-04, 0910 UTC, MFSK-66	Russian diplo
14947 kHz, 20-04, 1138 UTC, MFSK-6	MFA Moscow clg 351264: Russian embassy Abu Dhabi
19511 kHz, 20-04, 0720 UTC, MFSK-6	MFA Moscow clg 314265: Russian embassy Antananarivo
13547 kHz, 21-04, 1038 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
16302 kHz, 21-04, 1108 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
14824 kHz, 21-04, 1125 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
14686 kHz, 24-04, 0925 UTC, Serdolik v2	Russian diplo
16117 kHz, 24-04, 0927 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
14686 kHz, 24-04, 0935 UTC, Serdolik v2	Russian diplo
17475 kHz, 24-04, 0828 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
17466 kHz, 24-04, 0835 UTC, Serdolik v2	Russian diplo
17466 kHz, 24-04, 0851 UTC, Serdolik v2	Russian diplo
12177 kHz, 24-04, 0828 UTC, MFSK-6	MFA Moscow clg 364152: Russian embassy New Delhi
13420 kHz, 25-04, 0757 UTC, MFSK-6	MFA Moscow clg 534216: Russian embassy Baghdad

11073 kHz, 25-04, 0750 UTC, Serdolik v2	Russian diplo. Serdolik selcal
11075 kHz, 25-04, 0752 UTC, Serdolik v2	Russian diplo
16255 kHz, 25-04, 0822 UTC, MFSK-66	Russian diplo
20950 kHz, 26-04, 0730 UTC, MFSK-6	MFA Moscow clg 435621: Russian embassy Maputo
13431 kHz, 28-04, 0639 UTC, Serdolik v2	Russian diplo. Serdolik selcal
13431 kHz, 28-04, 0642 UTC, Serdolik v2	Russian diplo. Serdolik selcal
13431 kHz, 28-04, 0646 UTC, Serdolik v2	Russian diplo. Serdolik selcal
13431 kHz, 28-04, 0648 UTC, Serdolik v2	Russian diplo. Serdolik selcal

CLANDESTINE / TARGETED RADIO & JAMMERS

Target: Turkey

17470 kHz, 06-04, 0540 UTC, AM	Radyo Dengê Welat. Kurdish program
17460 kHz, 06-04, 0600 UTC, AM	Radyo Dengê Welat. Kurdish program
17470 kHz, 10-04, 1316 UTC, AM	Radyo Dênge Welat. Kurdish program. Jammed. Moved to 17460 kHz
17470 kHz, 10-40, 1316 UTC, AM	Radyo Recep Erdogan, jamming Radyo Dênge Welat
17460 kHz, 10-04, 1320 UTC, AM	Radyo Dênge Welat. Kurdish program
17450 kHz, 11-04, 1200 UTC, AM	Radyo Recep Erdogan, jamming Radyo Dênge Welat
17450 kHz, 11-04, 1200 UTC, AM	Radyo Dênge Welat. Kurdish program jammed by Turkey
17470 kHz, 11-04, 1330 UTC, AM	Radyo Dênge Welat. Kurdish program
17460 kHz, 11-04, 1500 UTC, AM	Radyo Dênge Welat. Kurdish program

Target: North Korea

4450 kHz, 10-04, 1313 UTC, AM	Voice of the People program in Korean heavily jammed by North Korea
4450 kHz, 10-04, 1313 UTC, AM	North Korea jamming the Voice of the People
4450 kHz, 11-04, 1623 UTC, AM	Voice of the People program in Korean heavily jammed by North Korea
4450 kHz, 11-04, 1623 UTC, AM	North Korea jamming the Voice of the People
4450 kHz, 14-04, 1248 UTC, AM	Voice of the People program in Korean heavily jammed by North Korea
4450 kHz, 14-04, 1248 UTC, AM	North Korea jamming the Voice of the People

Target: China

18200 kHz, 26-04, 1230 UTC, AM	Sound Of Hope / Xi Wang Zhi Sheng. Program in Chinese
15920 kHz, 28-04, 1420 UTC, AM	Sound Of Hope / Xi Wang Zhi Sheng. Program in Chinese

Russian-Ukrainian radio war

7050 kHz, 28-04, 1700 UTC, LSB	Music and announcements. Several stations on top of each other
7055 kHz, 28-04, 2025 UTC, LSB	This is Ukrainian Radio. Glory to USA. Glory to Ukraine. Anti Russia, anti Putin slogans

UTILITY ROUND-UP

North Korean military

Logged by JPL

3292 kHz, 05-04, 1504 UTC, CW, i.p.

VVV 3W683 DE 3DLO6 QRU
7453 7453 SK SK T T

4780 kHz, 05-04, 1512 UTC, CW, i.p.

VVV 6WT3V DE 63VON =
98383 490635 643 263 77
98383 490635 643 263 77
98383 490635 643 263 77
98383 490635 643 263 77
3745 3745 SK SK T T 9\

4260 kHz, 20-04, 1142 UTC, CW, i.p.

VVV 5JM36 DE 58F3G QSA ? 0341 K
VVV 5JM36 DE 58F3G QSA ? 0341 K
VVV 5JM36 DE 58F3G QSA ? 0341 K
SK K SK K

5JM36 DE 58F3G QSA 5 QSA 5 QSA 5 SK K
VVV 5JM36 DE 58F3G QSA 5 QSA 5 SK K
OK K

Unid ALE station

Every now and then a real odd station pops up. Mario found this one. We have no idea what it is. Further info is most welcome.

14796 kHz, heard in Trinidad & Tobago. Mode: ALE 2G. Logged by Mario

01-04 0700 UTC to 2100 UTC no transmission

02-04

>icmd1 caller0 ic0 NR11 [11:52:37] CMD a38=0 a64=0 J(4a) J(4a) f(66) 0xd2a566 6 4a 4a 66
>icmd1 caller0 ic0 NR11 [12:08:16] CMD a38=0 a64=0 T(54) ?(05) @(40) 0xd502c0 6 54 5 40
>icmd1 caller0 ic0 NR11 [16:06:28] CMD a38=0 a64=0 H(48) ?(08) @(40) 0xd20440 6 48 8 40

03-04 0700 UTC to 2100 UTC no transmission

04-04 0700 UTC to 2100 UTC no transmission

05-04 0700 UTC to 2100 UTC no transmission

06-04

>icmd1 caller0 ic0 NR11 [10:33:24] CMD a38=0 a64=0 ?(12) ?(08) @(40) 0xc48440 6 12 8 40
>icmd1 caller0 ic0 NR13 [10:33:24] DATA a38=0 a64=0 ?(00) ?(08) @(40) 0x0440 0 0 8 40 IGNORED

07-04

>icmd1 caller0 ic0 NR09 [07:51:27] CMD a38=0 a64=0 ?(1d) P(50) 6(36) 0xc76836 6 1d 50 36

08-04 0700 UTC to 2100 UTC no transmission

09-04 0700 UTC to 2100 UTC no transmission

10-04

>icmd1 caller0 ic0 NR06 [07:36:11] CMD a38=0 a64=0)(29) ?(02) ?(00) 0xca4100 6 29 2 0
>icmd1 caller0 ic0 NR00 [13:32:22] CMD a38=0 a64=0 ?(1a) 0(30) 6(36) 0xc69836 6 1a 30 36

11-04

>icmd1 caller0 ic0 NR11 [10:29:51] CMD a38=0 a64=0 ?(00) ?(10) ?(08) 0xc00808 6 0 10 8

12-04

>icmd1 caller0 ic0 NR01 [16:03:33] CMD a38=0 a64=0 @(40) .(2e) ?(13) 0xd01713 6 40 2e 13

13-04

>icmd1 caller0 ic0 NR03 [08:26:01] CMD a38=0 a64=1 N(4e) "(22) T(54) 0xd39154 6 4e 22 54
>icmd1 caller0 ic0 NR05 [09:11:31] CMD a38=0 a64=0 e(65) ?(13) m(6d) 0xd949ed 6 65 13 6d

14-04 0700 UTC to 2100 UTC no transmission

15.03.2023

>icmd1 caller0 ic0 NR10 [10:39:58] CMD a38=0 a64=0 ?(10) ?(10) ?(00) 0xc40800 6 10 10 0

16-04

>icmd1 caller0 ic0 NR10 [06:23:14] CMD a38=0 a64=0 b(62) ?(10) ?(08) 0xd88808 6 62 10 8
>icmd1 caller0 ic0 NR08 [10:24:57] CMD a38=0 a64=0 @(40) ?(18) ?(02) 0xd00c02 6 40 18 2
>icmd1 caller0 ic0 NR09 [12:20:58] CMD a38=0 a64=0 ?(01) 2(32) ?(00) 0xc05900 6 1 32 0

17-04 0700 UTC to 2100 UTC no transmission

18-04

>icmd1 caller0 ic0 NR09 [16:48:16] CMD a38=0 a64=0 ?(0e) ?(10) 6(36) 0xc38836 6 e 10 36

19-04 0700 UTC to 2100 UTC no transmission

20-04 0700 UTC to 2100 UTC no transmission

21-04 0700 UTC to 2100 UTC no transmission

22-04

>icmd1 caller0 ic0 NR11 [13:45:44] CMD a38=0 a64=0 ?(0b) ?(10) ,(2c) 0xc2c82c 6 b 10 2c

23-04 0700 UTC to 2100 UTC no transmission

24-04

>icmd1 caller0 ic0 NR10 [04:15:09] CMD a38=0 a64=0 @(40) ?(04) ?(04) 0xd00204 6 40 4 4

25-04

>icmd1 caller0 ic0 NR11 [07:26:50] CMD a38=0 a64=0 %(25) ?(11) ?(1d) 0xc9489d 6 25 11 1d

26-04

>icmd1 caller0 ic0 NR10 [06:21:41] CMD a38=0 a64=0 ?(10) ?(08) ?(00) 0xc40400 6 10 8 0

27-04 0700 UTC to 2100 UTC no transmission

28-04

>icmd1 caller0 ic0 NR04 [09:42:24] CMD a38=0 a64=0 ?(12) ?(09) ?(07) 0xc48487 6 12 9 7

>icmd1 caller0 ic0 NR08 [11:52:36] CMD a38=0 a64=0 %(25) ?(1d) &(26) 0xc94ea6 6 25 1d 26

29-04 0700 UTC to 2100 UTC no transmission

30-04 0700 UTC to 2100 UTC no transmission

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, F5JBR, Anon, Max, Toyota

Monolith stations

Western District

Thanks to Anon for the logs.

S28 "Buzzer"

4625 kHz, 10-04, 1021 UTC NZhTI NZhTI 09989 ZhEShOHLEVZh 2495 6880

4625 kHz, 10-04, 1338 UTC NZhTI NZhTI 22280 IKSObOEV 6397 2775

4625 kHz, 10-04, 1447 UTC NZhTI NZhTI 55233 PLYaZhOKOT 5403 1602

Morse transmissions

Russian Military morse traffic

14664 kHz, 01-04, 0927 UTC

RDL RDL RDL 07077 13222 07077 13222 07077 13222 K

14664 kHz, 08-04, 1025 UTC

RDL RDL RDL 50113 61819 50113 61819 50113 61819 K

7815//10120 kHz, 13-04, 0800 UTC

XXX LR43 TEKhNICHESKAYa PROWERKA 592 K

7815 kHz, 13-04, 0803 UTC

RBL88 wkg RBL90, RFN69, RFN77, RGR99. RFN77 and RGR99 acknowledge receipt

XXX LR43 TEKhNICHESKAYa PROWERKA 592 K

10102 kHz, 13-04, 1330 UTC

XXX XXX TEKhNICHESKAYa PROWERKA 972 K

7057.5 kHz, 14-04, 0523 UTC. Meteo/navigational report.

QLKS de OJHH K
QLKS de OJHH ZQN ZPJ K
QLKS de OJHH K
QLKS de OJHH QSA 2 QSA ? K
QLKS de OJHH ZRI ZVO K
QLKS de OJHH ZTL ZRZ K

M6II QTC AR
M6II 443 24 14 0828 443 =
ZTF 036314 236853 603773 236414 708811 834552 =
14080 32835 71960 02005 11006
14080 42656 65960 02004 11023
14080 23744 49960 50502 10042
85020 14016 K

7057.5 kHz, 18-04, 0513 UTC. Meteo/navigational report

XXX TLSA WINTO BAR PO RAJONAM B1 B2 B3 B4 OTMENYa ETSA
WINTO BAR 6904 = 3426 = 3
WINTO BAR 6912 = 3327 = 3
WINTO BAR 6901 = 3325 = 3 K

XS8F de CUZT K
XS8F de CUZT QSA 2 QSA ? K
XS8F de CUZT ZNU ZSM K

TLHW QTC AR
146 26 18 0846 146 =
ZHM 016348 620224 240971 620474 177276 126690 =
18080 32835 59960 72505 10046 87031
18080 42656 42960 52003 10046 80001
18080 23744 43960 82903 10105 8802X 18018 K

CUZT RPT K
XZ8F DE CUZT R 146 ? K

Note from Toyota:

The phrase: XXX TLSA WINTO BAR PO RAJONAM B1 B2 B3 B4 OTMENÂ ETSA was sent in cyrillic morse. The Â should be a Я.

Assuming that the last character A was an error, the phrase translates to:

ВИНТОБАР ПО РАЙОНАМ Б1 Б2 Б3 Б4 ОТМЕНЯ ЕТСЯ

This is not satisfying. Because neither WINTO BAR nor ВИНТОБАР means anything, I assume the radio operator sent that part of the phrase backwards to hinder interception. Also, I removed a space in the last word.

РАБОТНИ В ПО РАЙОНАМ Б1 Б2 Б3 Б4 ОТМЕНЯЕТСЯ

WORK IN THE DISTRICTS B1 B2 B3 B4 IS CANCELED

The three short phrases that follow may refer to a polygon on the map. Again, I assume that the characters are sent backwards and that they refer to 'WORK IN'. If the numbers are coordinates, they may point to a the Murmansk region.

РАБОТНИ В 6904 = 3426 = 3
РАБОТНИ В 6912 = 3327 = 3
РАБОТНИ В 6901 = 3325 = 3 K

Russian Navy morse traffic

5074 kHz, 25-04, 1115 UTC

RLO XXX ELASTICHNYJ 01 1099 164 295 1407

The following transmissions were logged by Max

3745,5//6362//8737 kHz, 01-04, 1315 UTC

RMP: Navy Kaliningrad clg RCRE: Admiral Fiodr Golovin

QTC 284 25 1 1131 284 = 11111 ... 01024 =

QTC 836 21 1 1132 836 = 11111 ... 01020 =

8622.5 kHz, 09-04, 1203-1510 UTC

RMIK: Admiral Vladimirskiy wkg RMP

QTC 593 16 9 1502 593

QTC 935 16 9 1805 935 = FOR RCD88 RIO80 = weather report. Pos. 54.7N/19.4 (Bay of Gdanks)

8622.5 kHz, 11-04, 1220 UTC

RMIK: Admiral Vladimirskiy wkg RMP

QTC 972 27 11 1502 972 = FOR RCD88 RIO80 =

KK XX 11043 1130/ 15507 01955 88881

20000 30500 40725

20012 30456 40734

20016 30448 40735

20020 30419 40736

20050 30402 40745

20060 30416 40767

11024 =

AR

6324 kHz, 24-04, 1215 UTC

RMFE: Rescue tug, pos 58.2N/21.2E from Baltiysk to Kronstadt, clg RMP QSA?

No contact also not on 8622.5 kHz

6324 kHz, 28-04, 0845 UTC

RCRE: intel vessel Admiral Fiodor Golovon clg RMP QSA? QRU?

No contact

6324 kHz, 28-04, 1130 UTC

RMJG: probably survey ship Andromeda wkg RMP. Pos. 54.56N 19.20E (Bay of Gdansk)

468 56 28 1420 468 = SML FOR RJH82 RCD88 RMB97 =

KK XX 28043 1005/ 15456 01920 88881

20000 30634 40741

20005 30631 40741

20010 30631 40745

20015 30587 40745

20020 30585 40746

20025 30576 40745

20030 30742 40750

20040 30407 40762

20045 30403 40765

20050 30408 40776

20060 30438 40805

20070 30505 40887

20080 30666 41086

20100 30826 41267

20105 30811 41275

28053 =

AR

Russian Air Force morse traffic

8816 kHz, 29-04, 0952 UTC, CW

08515 DE RMX QSA 1 QRV K

08515 QTO 0920 QRD XLWF XLMD QBD 0600 QRE 1200 K

RMX RPT K

Digital modes

Russian tactical datalink

7230 kHz, 03-04, 1551 UTC, Akkord 1200Bd/800Hz
7250 kHz, 03-04, 1551 UTC, Akkord 1200Bd/800Hz
7230 kHz, 05-04, 1427 UTC, Akkord 1200Bd/800Hz
7250 kHz, 05-04, 1427 UTC, Akkord 1200Bd/800Hz
7230 kHz, 08-04, 0646 UTC, Akkord 1200Bd/800Hz
7250 kHz, 08-04, 0646 UTC, Akkord 1200Bd/800Hz
7230 kHz, 09-04, 1940 UTC, Akkord 1200Bd/800Hz
7230 kHz, 10-04, 1559 UTC, Akkord 1200Bd/800Hz
5450 kHz, 11-04, 1756 UTC, Akkord 1200Bd/800Hz
7230 kHz, 12-04, 1556 UTC, Akkord 1200Bd/800Hz
5450 kHz, 12-04, 1843 UTC, Akkord 1200Bd/800Hz
7230 kHz, 13-04, 1012 UTC, Akkord 1200Bd/800Hz
5450 kHz, 16-04, 1807 UTC, Akkord 1200Bd/800Hz
5480 kHz, 16-04, 1807 UTC, Akkord 1200Bd/800Hz
7240 kHz, 19-04, 1403 UTC, Akkord 1200Bd/800Hz
7260 kHz, 19-04, 1403 UTC, Akkord 1200Bd/800Hz
5450 kHz, 20-04, 1757 UTC, Akkord 1200Bd/800Hz
5480 kHz, 20-04, 1757 UTC, Akkord 1200Bd/800Hz
5450 kHz, 23-04, 1944 UTC, Akkord 1200Bd/800Hz
5450 kHz, 25-04, 1734 UTC, Akkord 1200Bd/800Hz
7260 kHz, 26-04, 1826 UTC, Akkord 1200Bd/800Hz
7260 kHz, 28-04, 1600 UTC, Akkord 1200Bd/800Hz

9413 kHz, 29-04, 0949 UTC, FSK 50/500, T600 modem

Sync 1eb41eb2952

Session Key: 15 34 4a 68 38 4c 4c 26 1c 4a 70 54 19 4c 0b 19 46 38 70 13 0e 68 15 32 1c 1a

0b 62 26 54 43 15 1c 1c 07 25 38 0b 1c 38 62 54
4c 43 4c 32 54 23 1c 32 62 1a 51 25 62 0e 23 23
0e 32 1c 19 4a 0d 2c 1a 08 46 4c 43 25 38 54 62
16 31 2c 1a 32 62 64 46 64 64 23 15 54 34 64 0b
64 61 31 31 46 0b 62 2a 58 61 0d 32 07 46 0e 32
46 61 38 68 1a 52 1c 43 46 2a 4a 4a 32 19 1a 1a
23 34 34 31 13 15 07 4c 32 23 51 51 51 4c 51 0d
43 0b 19 19 16 70 64 51 07 4a 2a 1c 46 34 13 34
46 52 64 0e 0d 2a 25 34 38 62 26 13 52 61 0e 32
62 4a 4a 43 1c 58 1c 4c 61 19 25 54 16 1c 23 54
16 2c 52 34 51 64 15 70 1c 19 15 13 54 52 25 70
13 32 54 19 2c 54 34 23 1c 15 68 51 0e 68 52 1c
16 64 32 16 0e 25 07 4a 64 16 54 34 4a 46 4c 52
31 25 58 51 16 25 34 0b 32 61 51 0e 23 0b 62 58
25 1a 15 51 58 52 52 64 54 52 2c 15 38 64 16 46
0e 0d 62 16 64 2a 58 0e 1a 32 0d 23 0e 4c 23 62
4a 51 13 0b 4c 34 15 58 62 25 34 54 68 70 1c 34
0b 68 43 19 13 52 4c 62 26 62 15 34 0e 62 32 1a
54 51 0b 54 62 51 13 34 1c 0d 0d 51 1a 4c 23 4a
1c 52 61 26 1c 07 19 16 34 4c 16 23 32 2a 2c 32
26 43 23 1c 15 46 52 54 43 0d 68 16 2a 2c 38 68
2a 25 54 23 0b 2c 07 43 62 1c 54 23 51 61 46 51
2a 26 62 07 1a 1a 0b 62 25 0b 70 2c 58 64 4c 31
2c 4c 31 54 70 23 0b 15 13 62 34 43 4c 32 54 46
25 46 4c 25 62 13 13 0d 23 61 31 2c 64 58 58 4c
32 46 31 13 62 70 0d 64 23 52 0d 19 68 64 19 58
46 4a 52 13 32 23 19 1c 34 1c 58 19 31 16 07 26
1c 62 26 54 13 34 16 16 70 1c 61 31 2c 13 0b 51
51 2a 4a 43 43 1a 13 23 62 1c 1c 62 46 51 23 26
0b 31 13 31 0b 13 70 26 62 23 61 0e 54 2a 58 61
2c 2a 61 58 <EOM><EOM><EOM>

LOGS SECTION

Code	Date	UTC	Freq.	Day	Details	Mode	Contributor
---	3-4	1551	7230	Mon	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	3-4	1551	7250	Mon	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	5-4	1427	7230	Wed	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	5-4	1427	7250	Wed	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	8-4	0646	7230	Sat	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	8-4	0646	7250	Sat	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	9-4	1940	7230	Sun	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	10-4	1559	7230	Mon	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	11-4	1756	5450	Tue	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	12-4	1556	7230	Wed	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	12-4	1843	5450	Wed	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	13-4	1012	7230	Thu	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-RUS)
---	16-4	1807	5450	Sun	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	16-4	1807	5480	Sun	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	18-4	1759	5450	Tue	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	18-4	1759	5480	Tue	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	19-4	1403	5450	Wed	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	19-4	1403	5480	Wed	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	20-4	1757	5450	Thu	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	20-4	1757	5480	Thu	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	23-4	1944	5450	Sun	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB-BLR)
---	25-4	1734	5450	Tue	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	26-4	1826	7260	Wed	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	28-4	1600	7260	Fri	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	28-4	1700	7050	Fri	Russian-Ukrainian radio war. Music and announcements. Several stations on top of each other	LSB	(AB)
---	28-4	2025	7055	Fri	Russian-Ukrainian radio war. "This is Ukrainian Radio. Glory to USA. Glory to Ukraine." Anti Russia, anti Putin slogans	LSB	(AB)
BUL	4-4	1229	17440	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	4-4	1257	17442	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	5-4	1225	17440	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	5-4	1259	17442	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	6-4	1227	17440	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	6-4	1259	17442	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	7-4	1227	17440	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	7-4	1259	17442	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	10-4	1225	17440	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	11-4	1228	17440	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	11-4	1259	17442	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)

BUL	12-4	1227	17440	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	12-4	1258	17442	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	13-4	0714	17442	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	13-4	0838	17440	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	13-4	0840	18515	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	18-4	0829	14770	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	18-4	1235	17440	Tue	MFA Sofia wkg unid embassy. QSX 18035 kHz	RFSM	(AB)
BUL	18-4	1235	18035	Tue	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	18-4	1259	17442	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	20-4	0825	15770	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	20-4	1229	17440	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	20-4	1258	17442	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	24-4	1228	17440	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	24-4	1257	17442	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	25-4	1225	17440	Tue	MFA Sofia wkg unid embassy. QSX 18035 kHz	RFSM	(AB)
BUL	25-4	1225	18035	Tue	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	25-4	1257	17442	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	26-4	1228	17440	Wed	MFA Sofia wkg unid embassy. QSX 18035 kHz	RFSM	(AB)
BUL	26-4	1228	18035	Wed	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	26-4	1257	17442	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	27-4	1227	17440	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	27-4	1259	17442	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
DPRK	6-4	0819	16250	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	6-4	1351	19040	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	10-4	0844	12200	Mon	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	13-4	0647	16250	Thu	North Korean diplo. QSX 16252 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	13-4	0647	16252	Thu	North Korean diplo. QSX 16250 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	21-4	0650	16250	Fri	North Korean diplo. QSX 16252 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	21-4	0650	16252	Fri	North Korean diplo. QSX 16250 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	21-4	0718	19320	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	21-4	1230	16250	Fri	North Korean diplo. QSX 16252 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	21-4	1230	16252	Fri	North Korean diplo. QSX 16250 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	22-4	0800	16250	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	23-4	0839	16250	Sun	North Korean diplo. QSX 16252 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	23-4	0839	16252	Sun	North Korean diplo. QSX 16250 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	25-4	0730	16252	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	26-4	1334	15555	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	28-4	0654	16250	Fri	North Korean diplo. QSX 16252 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	28-4	0654	16252	Fri	North Korean diplo. QSX 16250 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	28-4	1415	16252	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
E06	1-4	1300	11487	Sat	480 671 40 34507 52090 24544 ... 70217 42945 94752 671 40 00000	USB	(AB/HFD)
E06	1-4	1330	9412	Sat	480 671 40 34507 52090 24544 ... 70217 42945 94752 671 40 00000	USB	(AB/HFD)

E06	2-4	0930	13945	Sun	480 671 40 34507 52090 24544 ... 70217 42945 94752 671 40 00000	USB	(AB/HFD)
E06	2-4	1000	11128	Sun	480 671 40 34507 52090 24544 ... 70217 42945 94752 671 40 00000	USB	(AB/HFD)
E06	3-4	0210	11454	Mon	537 482 36 63739 18306 63376 ... 69393 68537 20351 482 36 00000	USB	(PY/HFD-J)
E06	3-4	0310	14456	Mon	537 482 36 63739 18306 63376 ... 69393 68537 20351 482 36 00000	USB	(PY/HFD-J)
E06	4-4	0310	14456	Tue	537 482 36 63739 18306 63376 ... 69393 68537 20351 482 36 00000	USB	(PY/HFD)
E06	6-4	0300	15641	Thu	361 759 30 80198 18461 71524 ... 56642 25282 26946 759 30 00000	USB	(PY/HFD)
E06	6-4	0400	13392	Thu	361 759 30 80198 18461 71524 ... 56642 25282 26946 759 30 00000	USB	(PY/HFD)
E06	6-4	0500	15645	Thu	951 320 68 32183 44250 15357 ... 81201 29506 14630 320 68 00000	USB	(AB-KWT/HFD)
E06	6-4	0600	17487	Thu	951 nom.17470	USB	(HFD)
E06	7-4	0300	15641	Fri	361 759 30 80198 18461 71524 ... 56642 25282 26946 759 30 00000	USB	(PY)
E06	7-4	0400	13392	Fri	361 759 30 80198 18461 71524 ... 56642 25282 26946 759 30 00000	USB	(PY)
E06	7-4	0500	15645	Fri	951 320 68 32183 44250 15357 ... 81201 29506 14630 320 68 00000	USB	(AB)
E06	7-4	0600	17470	Fri	951 320 68 32183 44250 15357 ... 81201 29506 14630 320 68 00000	USB	(AB)
E06	8-4	1300	11487	Sat	480 765 40 58515 79072 08746 ... 63391 83367 09893 765 40 00000	USB	(AB/MPJ-FIN)
E06	8-4	1330	9412	Sat	480 765 40 58515 79072 08746 ... 63391 83367 09893 765 40 00000	USB	(AB-RUS/MPJ-FIN)
E06	9-4	0930	13945	Sun	480 765 40 58515 79072 08746 ... 63391 83367 09893 765 40 00000	USB	(AB)
E06	9-4	1000	11128	Sun	480 765 40 58515 79072 08746 ... 63391 83367 09893 765 40 00000	USB	(AB)
E06	10-4	0210	11454	Mon	537 901 37 36923 32764 48427 ... 60505 80045 09002 901 37 00000	USB	(PY)
E06	10-4	0310	14456	Mon	537 901 37 36923 32764 48427 ... 60505 80045 09002 901 37 00000	USB	(PY)
E06	11-4	0210	11454	Tue	537 901 37 36923 32764 48427 ... 60505 80045 09002 901 37 00000	USB	(PY)
E06	11-4	0310	14456	Tue	537 901 37 36923 32764 48427 ... 60505 80045 09002 901 37 00000	USB	(PY)
E06	15-4	1300	11487	Sat	480 567 40 34415 80223 55958 ... 05259 79739 54765 567 40 00000	USB	(AB)
E06	15-4	1330	9412	Sat	480 567 40 34415 80223 55958 ... 05259 79739 54765 567 40 00000	USB	(AB-RUS)
E06	16-4	0930	13945	Sun	480 567 40 34415 80223 55958 ... 05259 79739 54765 567 40 00000	USB	(AB-RUS)
E06	16-4	1000	11128	Sun	480 567 40 34415 80223 55958 ... 05259 79739 54765 567 40 00000	USB	(AB-RUS)
E06	17-4	0210	11454	Mon	537 246 38 99815 56063 97793 ... 10659 69339 80821 246 38 00000	USB	(PY)
E06	17-4	0310	14456	Mon	537 246 38 99815 56063 97793 ... 10659 69339 80821 246 38 00000	USB	(PY)
E06	18-4	0210	11454	Tue	537 246 38 99815 56063 97793 ... 10659 69339 80821 246 38 00000	USB	(PY)
E06	18-4	0310	14456	Tue	537 246 38 99815 56063 97793 ... 10659 69339 80821 246 38 00000	USB	(PY)
E06	20-4	0300	15641	Thu	361 408 32 38646 53215 69597 ... 07868 67397 87533 408 32 00000	USB	(PY)
E06	20-4	0400	13392	Thu	361 408 32 38646 53215 69597 ... 07868 67397 87533 408 32 00000	USB	(PY)
E06	20-4	0500	15645	Thu	951 723 60 89458 93968 20267 ... 10804 93042 88710 723 60 00000	USB	(AB)
E06	20-4	0600	17475	Thu	951 723 60 89458 93968 20267 ... 10804 93042 88710 723 60 00000	USB	(AB)
E06	21-4	0300	15641	Fri	361 408 32 38646 53215 69597 ... 07868 67397 87533 408 32 00000	USB	(PY)
E06	21-4	0400	13392	Fri	361 408 32 38646 53215 69597 ... 07868 67397 87533 408 32 00000	USB	(PY)
E06	21-4	0500	15645	Fri	951 723 60 89458 93968 20267 ... 10804 93042 88710 723 60 00000	USB	(AB)
E06	21-4	0600	17470	Fri	951 723 60 89458 93968 20267 ... 10804 93042 88710 723 60 00000	USB	(AB)
E06	22-4	1300	11487	Sat	480 967 44 38242 46045 16619 ... 81013 09636 99271 967 44 00000	USB	(AB-RUS/MPJ-FIN)
E06	22-4	1330	9412	Sat	480 967 44 38242 46045 16619 ... 81013 09636 99271 967 44 00000	USB	(AB-RUS/MPJ-FIN)
E06	23-4	0930	13945	Sun	480 967 44 38242 46045 16619 ... 81013 09636 99271 967 44 00000	USB	(AB)
E06	23-4	1000	11128	Sun	480 967 44 38242 46045 16619 ... 81013 09636 99271 967 44 00000	USB	(AB-RUS)

E06	24-4	0210	11454	Mon	537 801 39 13428 17580 29187 ... 18659 12275 66760 801 39 00000	USB	(PY)
E06	24-4	0310	14456	Mon	537 801 39 13428 17580 29187 ... 18659 12275 66760 801 39 00000	USB	(PY)
E06	25-4	0210	11454	Tue	537 801 39 13428 17580 29187 ... 18659 12275 66760 801 39 00000	USB	(PY)
E06	25-4	0310	14456	Tue	537 801 39 13428 17580 29187 ... 18659 12275 66760 801 39 00000	USB	(PY)
E06	27-4	0300	15641	Thu	361 275 33 84910 53118 48251 ... 17323 49919 04430 275 33 00000	USB	(PY)
E06	27-4	0400	13392	Thu	361 275 33 84910 53118 48251 ... 17323 49919 04430 275 33 00000	USB	(PY)
E06	28-4	0300	15641	Fri	361 275 33 84910 53118 48251 ... 17323 49919 04430 275 33 00000	USB	(PY)
E06	28-4	0400	13392	Fri	361 275 33 84910 53118 48251 ... 17323 49919 04430 275 33 00000	USB	(PY)
E06	29-4	1300	11487	Sat	480 167 45 29892 12160 63004 ... 23246 76308 38133 167 45 00000	USB	(AB-RUS/MPJ-HOL)
E06	29-4	1330	9412	Sat	480 167 45 29892 12160 63004 ... 23246 76308 38133 167 45 00000	USB	(AB-RUS)
E06	30-4	0930	13945	Sun	480 167 45 29892 12160 63004 ... 23246 76308 38133 167 45 00000	USB	(AB)
E06	30-4	1000	11128	Sun	480 167 45 29892 12160 63004 ... 23246 76308 38133 167 45 00000	USB	(AB-RUS)
E06b	19-4	1800	10755	Wed	975 37852 261 40 24722 95754 85815 ... 14689 79760 54840 261 40 00000. Various restarts	USB	(PY)
E07	1-4	1300	12176	Sat	152 152 152 000	USB	(AB/HFD)
E07	1-4	1320	11576	Sat	152 152 152 000	USB	(AB/HFD)
E07	1-4	1410	16331	Sat	893 893 893 1 136 88 136 88 45344 90036 33939 ... 26493 24255 03762 000 000	USB	(AB/HFD)
E07	1-4	1430	15831	Sat	893 893 893 1 136 88 136 88 45344 90036 33939 ... 26493 24255 03762 000 000	USB	(AB/RL-HOL/HFD)
E07	1-4	1450	14831	Sat	893 893 893 1 136 88 136 88 45344 90036 33939 ... 26493 24255 03762 000 000	USB	(AB/RL-HOL/HFD)
E07	2-4	0600	9261	Sun	224 224 224 000	USB	(AB)
E07	2-4	0620	10261	Sun	224 224 224 000	USB	(AB)
E07	4-4	1500	16257	Tue	221 221 221 1 479 142 479 142 33975 22691 87047 ... 55061 31274 21363 000 000	USB	(AB/HFD)
E07	4-4	1520	18257	Tue	221 221 221 1 479 142 479 142 33975 22691 87047 ... 55061 31274 21363 000 000 restart after group 22	USB	(AB/HFD)
E07	4-4	1540	19157	Tue	221 221 221 1 479 142 479 142 33975 22691 87047 ... 55061 31274 21363 000 000	USB	(AB/HFD)
E07	6-4	1410	16331	Thu	893 893 893 000	USB	(AB)
E07	6-4	1430	15831	Thu	893 893 893 000	USB	(AB)
E07	7-4	1500	16257	Fri	221 221 221 1 479 142 479 142 33975 22691 87047 ... 55061 31274 21363 000 000	USB	(AB/MPJ)
E07	7-4	1520	18257	Fri	221 221 221 1 479 142 479 142 33975 22691 87047 ... 55061 31274 21363 000 000	USB	(AB/MPJ)
E07	7-4	1540	19157	Fri	221 221 221 1 479 142 479 142 33975 22691 87047 ... 55061 31274 21363 000 000	USB	(AB/MPJ)
E07	8-4	1300	12176	Sat	152 152 152 000	USB	(AB/MPJ)
E07	8-4	1320	11576	Sat	152 152 152 000	USB	(AB/MPJ)
E07	8-4	1410	16331	Sat	893 893 893 000	USB	(AB/MPJ)
E07	8-4	1430	15831	Sat	893 893 893 000	USB	(AB/MPJ)
E07	9-4	0600	9261	Sun	224 224 224 000	USB	(AB/HFD)
E07	9-4	0620	10261	Sun	224 224 224 000	USB	(AB/HFD)
E07	11-4	1500	16257	Tue	221 221 221 000	USB	(AB/MPJ)
E07	11-4	1520	18257	Tue	221 221 221 000	USB	(AB/MPJ)
E07	13-4	1410	16331	Thu	893 893 893 1 559 64 559 64 08371 45457 53027 ... 65832 69426 50571 000 000	USB	(AB)
E07	13-4	1430	15831	Thu	893 893 893 1 559 64 559 64 08371 45457 53027 ... 65832 69426 50571 000 000	USB	(AB)

E07	13-4	1450	14831	Thu	893 893 893 1 559 64 559 64 08371 45457 53027 ... 65832 69426 50571 000 000	USB	(AB)
E07	14-4	1500	16257	Fri	221 221 221 000	USB	(AB/MPJ)
E07	14-4	1520	18257	Fri	221 221 221 000	USB	(AB/MPJ)
E07	15-4	1300	12176	Sat	152 152 152 000	USB	(AB/MPJ)
E07	15-4	1320	11576	Sat	152 152 152 000	USB	(AB/MPJ)
E07	15-4	1410	16331	Sat	893 893 893 1 559 64 559 64 08371 45457 53027 ... 65832 69426 50571 000 000	USB	(AB)
E07	15-4	1430	15831	Sat	893 893 893 1 559 64 559 64 08371 45457 53027 ... 65832 69426 50571 000 000	USB	(AB)
E07	15-4	1450	14831	Sat	893 893 893 1 559 64 559 64 08371 45457 53027 ... 65832 69426 50571 000 000	USB	(AB)
E07	16-4	0600	9261	Sun	224 224 224 000	USB	(AB)
E07	16-4	0620	10261	Sun	224 224 224 000	USB	(AB)
E07	18-4	1500	16257	Tue	221 221 221 1 374 121 374 121 25603 89999 63498 ... 77789 15347 69925 000 000	USB	(AB)
E07	18-4	1520	18257	Tue	221 221 221 1 374 121 374 121 25603 89999 63498 ... 77789 15347 69925 000 000	USB	(AB)
E07	18-4	1540	19157	Tue	221 221 221 1 374 121 374 121 25603 89999 63498 ... 77789 15347 69925 000 000	USB	(AB)
E07	20-4	1410	16331	Thu	893 893 893 000	USB	(AB)
E07	20-4	1430	15831	Thu	893 893 893 000	USB	(AB)
E07	21-4	1500	16257	Fri	221 221 221 1 374 121 374 121 25603 89999 63498 ... 77789 15347 69925 000 000	USB	(AB/MPJ)
E07	21-4	1520	18257	Fri	221 221 221 1 374 121 374 121 25603 89999 63498 ... 77789 15347 69925 000 000	USB	(AB/MPJ)
E07	21-4	1540	19157	Fri	221 221 221 1 374 121 374 121 25603 89999 63498 ... 77789 15347 69925 000 000	USB	(AB/MPJ)
E07	22-4	1300	12176	Sat	152 152 152 000	USB	(AB/MPJ)
E07	22-4	1320	11576	Sat	152 152 152 000	USB	(AB/MPJ)
E07	22-4	1410	16331	Sat	893 893 893 000	USB	(AB/MPJ)
E07	22-4	1430	15831	Sat	893 893 893 000	USB	(AB/MPJ)
E07	23-4	0600	9261	Sun	224 224 224 000	USB	(AB)
E07	23-4	0620	10261	Sun	224 224 224 000	USB	(AB)
E07	25-4	1500	16257	Tue	221 221 221 000	USB	(AB)
E07	25-4	1520	18257	Tue	221 221 221 000	USB	(AB)
E07	27-4	1410	16331	Thu	893 893 893 1 343 94 343 94 20284 69573 67278 ... 13144 40981 27847 000 000	USB	(AB)
E07	27-4	1430	15831	Thu	893 893 893 1 343 94 343 94 20284 69573 67278 ... 13144 40981 27847 000 000	USB	(AB)
E07	27-4	1450	14831	Thu	893 893 893 1 343 94 343 94 20284 69573 67278 ... 13144 40981 27847 000 000	USB	(AB)
E07	28-4	1500	16257	Fri	221 221 221 000	USB	(AB/MPJ)
E07	28-4	1520	18257	Fri	221 221 221 000	USB	(AB/MPJ)
E07	29-4	1300	12176	Sat	152 152 152 000	USB	(AB/MPJ)
E07	29-4	1320	11576	Sat	152 152 152 000	USB	(AB/MPJ)
E07	29-4	1410	16331	Sat	893 893 893 1 343 94 343 94 20284 69573 67278 ... 13144 40981 27847 000 000	USB	(AB/MPJ-AUT)
E07	29-4	1430	15831	Sat	893 893 893 1 343 94 343 94 20284 69573 67278 ... 13144 40981 27847 000 000	USB	(AB/MPJ-AUT)
E07	29-4	1450	14831	Sat	893 893 893 1 343 94 343 94 20284 69573 67278 ... 13144 40981 27847 000 000	USB	(AB/MPJ-AUT)
E07	30-4	0600	9261	Sun	224 224 224 000	USB	(AB)
E07	30-4	0620	10261	Sun	224 224 224 000	USB	(AB)
E11	1-4	1430	14972	Sat	915/00	USB	(AB)
E11	1-4	1530	4505	Sat	364/00	USB	(AB-POL)
E11	1-4	1910	4181	Sat	394/00	USB	(AB)
E11	2-4	0600	8680	Sun	350/00	USB	(AB)

E11	2-4	1530	4505	Sun	367/00	USB	(AB/MPJ)
E11	2-4	1605	5176	Sun	232/00	USB	(AB)
E11	2-4	1745	13470	Sun	240/00	USB	(AB/MPJ)
E11	2-4	1815	11116	Sun	925/00	USB	(AB/MPJ)
E11	2-4	1910	8530	Sun	614/00	USB	(AB)
E11	2-4	2000	5737	Sun	521/00	USB	(AB)
E11	3-4	0715	15632	Mon	754/00	USB	(AB)
E11	3-4	0745	10213	Mon	264/00	USB	(AB)
E11	3-4	0845	12202	Mon	718/00	USB	(AB)
E11	3-4	0900	9968	Mon	534/00	USB	(AB)
E11	3-4	1045	10200	Mon	697/00	USB	(AB)
E11	3-4	1300	5371	Mon	316/00	USB	(AB)
E11	3-4	1745	13470	Mon	244/00	USB	(AB)
E11	4-4	0645	8423	Tue	518/00	USB	(AB)
E11	4-4	0715	9963	Tue	634/00	USB	(AB)
E11	4-4	0745	14865	Tue	221/00	USB	(AB)
E11	4-4	0820	19184	Tue	131/00	USB	(AB-POL)
E11	4-4	1000	9951	Tue	307/00	USB	(AB)
E11	4-4	1205	6923	Tue	466/00	USB	(AB)
E11	4-4	1230	12530	Tue	335/00	USB	(AB)
E11	4-4	1605	5176	Tue	231/00	USB	(AB)
E11	5-4	0715	15632	Wed	752/00	USB	(AB)
E11	5-4	0745	17410	Wed	343/00	USB	(AB-POL)
E11	5-4	0820	19184	Wed	130/00	USB	(AB)
E11	5-4	0845	12202	Wed	719/00	USB	(AB)
E11	5-4	0900	9968	Wed	535/00	USB	(AB)
E11	5-4	0930	6940	Wed	277/00	USB	(AB)
E11	5-4	1045	10200	Wed	694/00	USB	(AB)
E11	5-4	1205	6923	Wed	463/00	USB	(AB)
E11	5-4	1715	6923	Wed	974/00	USB	(AB)
E11	5-4	1910	4181	Wed	393/00	USB	(AB)
E11	6-4	0645	8423	Thu	517/00	USB	(AB)
E11	6-4	0745	14865	Thu	224/00	USB	(AB)
E11	6-4	0820	5149	Thu	430/00	USB	(AB-POL)
E11	6-4	0930	6940	Thu	279/00	USB	(AB)
E11	6-4	1230	12530	Thu	335/00	USB	(AB)
E11	6-4	1300	5371	Thu	314/00	USB	(AB-POL)
E11	6-4	1530	10330	Thu	261/00	USB	(AB)
E11	6-4	1730	7864	Thu	411/00	USB	(AB)
E11	7-4	0715	9963	Fri	635/00	USB	(AB)
E11	7-4	0745	17410	Fri	346/00	USB	(AB-POL)
E11	7-4	0820	5941	Fri	434/00	USB	(AB)

E11	7-4	1000	9951	Fri	307/00	USB	(AB)
E11	7-4	1715	6923	Fri	976/00	USB	(AB)
E11	7-4	1815	11116	Fri	929/00	USB	(AB)
E11	7-4	1910	8530	Fri	613/00	USB	(AB)
E11	8-4	0700	9079	Sat	498/00	USB	(AB)
E11	8-4	1910	4181	Sat	393/00	USB	(AB)
E11	9-4	0700	9079	Sun	495/00	USB	(AB)
E11	9-4	1605	5176	Sun	235/00	USB	(MPJ)
E11	9-4	1745	13470	Sun	242/00	USB	(AB)
E11	9-4	1815	11116	Sun	921/00	USB	(AB/MPJ)
E11	9-4	1910	8530	Sun	618/00	USB	(AB)
E11	9-4	2000	5737	Sun	522/00	USB	(AB)
E11	10-4	0315	11581	Mon	259/00	USB	(AB)
E11	10-4	0450	5371	Mon	413/00	USB	(AB)
E11	10-4	0715	15632	Mon	753/00	USB	(AB-POL)
E11	10-4	0830	20170	Mon	182/00	USB	(AB-POL)
E11	10-4	0845	12202	Mon	714/00	USB	(AB)
E11	10-4	0900	9968	Mon	534/00	USB	(AB)
E11	10-4	1045	10200	Mon	698/00	USB	(AB)
E11	10-4	1300	5371	Mon	312/00	USB	(AB/MPJ)
E11	10-4	1745	13470	Mon	248/00	USB	(AB/MPJ)
E11	10-4	1900	7317	Mon	648/00	USB	(AB/MPJ)
E11	11-4	0645	8423	Tue	517/00	USB	(AB)
E11	11-4	0700	8180	Tue	574/00	USB	(AB)
E11	11-4	0715	9963	Tue	635/00	USB	(AB)
E11	11-4	0745	14865	Tue	228/00	USB	(AB)
E11	11-4	0820	19184	Tue	136/00	USB	(AB-POL)
E11	11-4	0845	18168	Tue	157/00	USB	(AB-POL)
E11	11-4	1000	9951	Tue	307/00	USB	(AB)
E11	11-4	1205	6923	Tue	462/00	USB	(AB-POL)
E11	11-4	1230	12530	Tue	332/00	USB	(AB)
E11	11-4	1430	14972	Tue	911/00	USB	(AB/MPJ)
E11	11-4	1605	5176	Tue	238/00	USB	(AB)
E11	12-4	0315	11581	Wed	259/00	USB	(AB-POL)
E11	12-4	0715	15632	Wed	753/00	USB	(AB)
E11	12-4	0745	17410	Wed	346/00	USB	(AB-POL)
E11	12-4	0820	19184	Wed	133/00	USB	(AB-POL)
E11	12-4	0845	12202	Wed	711/00	USB	(AB)
E11	12-4	0900	9968	Wed	537/00	USB	(AB)
E11	12-4	1045	10200	Wed	696/00	USB	(AB)
E11	12-4	1205	6923	Wed	460/00	USB	(AB)
E11	13-4	0645	8423	Thu	512/00	USB	(AB)

E11	13-4	0745	14865	Thu	225/00	USB	(AB)
E11	13-4	0820	5149	Thu	432/00	USB	(AB-POL)
E11	13-4	0845	18168	Thu	154/00	USB	(AB-POL)
E11	13-4	1230	12530	Thu	335/00	USB	(AB-POL)
E11	13-4	1300	5371	Thu	315/00	USB	(AB-POL/MPJ)
E11	13-4	1730	7864	Thu	414/00	USB	(AB)
E11	13-4	1900	7317	Thu	647/00	USB	(AB)
E11	13-4	2000	5737	Thu	525/00	USB	(AB)
E11	14-4	0600	8680	Fri	355/00	USB	(AB)
E11	14-4	0700	8180	Fri	577/00	USB	(AB)
E11	14-4	0715	9963	Fri	639/00	USB	(AB)
E11	14-4	0745	17410	Fri	340/00	USB	(AB-POL)
E11	14-4	0820	5941	Fri	432/00	USB	(AB)
E11	14-4	0830	20170	Fri	182/00	USB	(AB)
E11	14-4	1000	9951	Fri	307/00	USB	(AB)
E11	15-4	0700	9079	Sat	490/00	USB	(AB)
E11	15-4	1430	14972	Sat	911/00	USB	(AB)
E11	15-4	1530	4505	Sat	365/00	USB	(AB-POL)
E11	16-4	0600	8680	Sun	358/00	USB	(AB)
E11	16-4	0700	9079	Sun	490/00	USB	(AB)
E11	16-4	1530	4505	Sun	363/00	USB	(AB-POL)
E11	16-4	1605	5176	Sun	237/00	USB	(AB-POL)
E11	16-4	1745	13470	Sun	246/00	USB	(AB/MPJ)
E11	16-4	2000	5737	Sun	528/00	USB	(AB)
E11	17-4	0450	5371	Mon	411/00	USB	(AB)
E11	17-4	0715	15632	Mon	752/00	USB	(AB-POL)
E11	17-4	0745	10213	Mon	266/00	USB	(AB)
E11	17-4	0845	12202	Mon	713/00	USB	(AB)
E11	17-4	0900	9968	Mon	533/00	USB	(AB)
E11	17-4	1045	10200	Mon	694/00	USB	(AB/MPJ)
E11	17-4	1900	7317	Mon	647/00	USB	(AB)
E11	18-4	0645	8423	Tue	519/00	USB	(AB)
E11	18-4	0700	8180	Tue	573/00	USB	(AB)
E11	18-4	0845	18168	Tue	154/00	USB	(AB-POL)
E11	18-4	1205	6923	Tue	462/00	USB	(AB-POL)
E11	18-4	1430	14972	Tue	915/00	USB	(AB-POL)
E11	19-4	0715	15632	Wed	751/00	USB	(AB)
E11	19-4	0745	17410	Wed	349/00	USB	(AB-POL)
E11	19-4	0845	12202	Wed	711/00	USB	(AB)
E11	19-4	0900	9968	Wed	538/00	USB	(AB)
E11	19-4	0930	6940	Wed	270/00	USB	(AB)
E11	19-4	1045	10200	Wed	693/00	USB	(AB)

E11	19-4	1205	6923	Wed	461/00	USB	(AB-POL)
E11	19-4	1715	6923	Wed	977/00	USB	(AB)
E11	19-4	1910	4181	Wed	392/00	USB	(AB)
E11	20-4	0645	8423	Thu	511/00	USB	(AB)
E11	20-4	0845	18168	Thu	155/00	USB	(AB-POL)
E11	20-4	0930	6940	Thu	278/00	USB	(AB)
E11	20-4	1530	10330	Thu	261/00	USB	(AB)
E11	20-4	1730	7864	Thu	415/00	USB	(AB)
E11	20-4	1900	7317	Thu	644/00	USB	(AB)
E11	20-4	2000	5737	Thu	525/00	USB	(AB)
E11	21-4	0600	8680	Fri	354/00	USB	(AB)
E11	21-4	0700	8180	Fri	576/00	USB	(AB)
E11	21-4	0745	17410	Fri	340/00	USB	(AB-POL)
E11	21-4	1715	6923	Fri	972/00	USB	(AB)
E11	21-4	1815	11116	Fri	929/00	USB	(AB/MPJ)
E11	21-4	1910	8530	Fri	613/00	USB	(AB)
E11	22-4	0700	9079	Sat	498/00	USB	(AB)
E11	22-4	1430	14972	Sat	911/00	USB	(AB-POL)
E11	22-4	1530	4505	Sat	360/00	USB	(MPJ)
E11	22-4	1910	4181	Sat	390/00	USB	(AB)
E11	23-4	0600	8680	Sun	354/00	USB	(AB)
E11	23-4	0700	9079	Sun	492/00	USB	(AB)
E11	23-4	1530	4505	Sun	367/00	USB	(AB-POL)
E11	23-4	1815	11116	Sun	926/00	USB	(AB/MPJ)
E11	23-4	1910	8530	Sun	617/00	USB	(AB)
E11	23-4	2000	5737	Sun	522/00	USB	(AB)
E11	24-4	0450	5371	Mon	418/00	USB	(AB)
E11	24-4	0745	10213	Mon	260/00	USB	(AB)
E11	24-4	1300	5371	Mon	315/00	USB	(AB-POL)
E11	24-4	1745	13470	Mon	242/00	USB	(AB/MPJ)
E11	24-4	1900	7317	Mon	640/00	USB	(AB)
E11	25-4	0700	8180	Tue	575/00	USB	(AB)
E11	25-4	0715	9963	Tue	637/00	USB	(AB)
E11	25-4	0745	14865	Tue	225/00	USB	(AB)
E11	25-4	0820	19184	Tue	138/00	USB	(AB)
E11	25-4	0845	18168	Tue	157/00	USB	(AB-POL)
E11	25-4	1000	9951	Tue	304/00	USB	(AB)
E11	25-4	1230	12530	Tue	330/00	USB	(AB)
E11	25-4	1430	14972	Tue	919/00	USB	(AB)
E11	25-4	1605	5176	Tue	230/00	USB	(AB-POL)
E11	26-4	0315	11581	Wed	255/00	USB	(AB-POL)
E11	26-4	0820	19184	Wed	135/00	USB	(AB-POL)

E11	26-4	0930	6940	Wed	271/00		USB	(AB)
E11	26-4	1715	6923	Wed	975/00		USB	(AB)
E11	26-4	1910	4181	Wed	394/00		USB	(AB)
E11	27-4	0745	14865	Thu	224/00		USB	(AB)
E11	27-4	0820	5149	Thu	439/00		USB	(AB-POL)
E11	27-4	0845	18168	Thu	152/00		USB	(AB-POL)
E11	27-4	0930	6940	Thu	276/00		USB	(AB)
E11	27-4	1230	12530	Thu	334/00		USB	(AB)
E11	27-4	1300	5371	Thu	314/00		USB	(AB-POL)
E11	27-4	1530	10330	Thu	261/00		USB	(AB)
E11	27-4	1730	7864	Thu	410/00		USB	(AB/MPJ)
E11	27-4	1900	7317	Thu	641/00		USB	(AB)
E11	28-4	0600	8680	Fri	359/00		USB	(AB)
E11	28-4	0700	8180	Fri	571/00		USB	(AB)
E11	28-4	0715	9963	Fri	637/00		USB	(AB)
E11	28-4	0820	5941	Fri	438/00		USB	(AB)
E11	28-4	0830	20170	Fri	184/00		USB	(AB-POL)
E11	28-4	1000	9951	Fri	305/00		USB	(AB)
E11	28-4	1715	6923	Fri	976/00		USB	(AB)
E11	28-4	1815	11116	Fri	926/00		USB	(AB/MPJ)
E11	28-4	1910	8530	Fri	614/00		USB	(AB)
E11	29-4	0700	9079	Sat	497/00		USB	(AB)
E11	29-4	1430	14972	Sat	911/00		USB	(AB-POL)
E11	29-4	1530	4505	Sat	367/00		USB	(AB-POL)
E11	29-4	1910	4181	Sat	393/00		USB	(AB)
E11	30-4	0600	8680	Sun	354/00		USB	(AB)
E11	30-4	0700	9079	Sun	492/00		USB	(AB)
E11	30-4	1530	4505	Sun	363/00		USB	(AB-POL)
E11	30-4	1605	5176	Sun	235/00		USB	(AB-POL)
E11	30-4	1745	13470	Sun	244/00		USB	(AB/MPJ)
E11	30-4	1815	11116	Sun	925/00		USB	(AB/MPJ)
E11	30-4	1910	8530	Sun	611/00		USB	(AB)
E11a	1-4	0700	9079	Sat	495/38 Attention 00496 45930 11804 ... 90177 25041 53199 Attention (msg rptd) Out		USB	(AB)
E11a	2-4	0700	9079	Sun	495/38 Attention 00496 45930 11804 ... 90177 25041 53199 Attention (msg rptd) Out		USB	(AB)
E11a	3-4	0450	5371	Mon	411/37 Attention 94373 82665 26771 ... 18142 10511 46707 Attention (msg rptd) Out		USB	(AB)
E11a	3-4	1900	7317	Mon	644/35 Attention 74676 39967 74265 ... 71064 93904 65378 Attention (msg rptd) Out		USB	(AB)
E11a	4-4	0700	8180	Tue	576/38 Attention 03623 74620 12708 ... 95110 77328 19183 Attention (msg rptd) Out		USB	(AB)
E11a	4-4	0845	18168	Tue	157/33 Attention 17122 85452 22922 ... 68442 24540 39767 Attention (msg rptd) Out		USB	(AB-POL)
E11a	4-4	1430	14972	Tue	914/32 Attention 68157 75870 33630 ... 98989 75613 71359 Attention (msg rptd) out		USB	(AB)
E11a	6-4	0845	18168	Thu	157/33 Attention 17122 85452 22922 ... 68442 24540 39767 Attention (msg rptd) Out		USB	(AB-POL)
E11a	6-4	1900	7317	Thu	644/35 Attention 74676 39967 74265 ... 71064 93904 65378 Attention (msg rptd) Out		USB	(AB)
E11a	7-4	0600	8680	Fri	359/34 Attention 54888 96766 48044 ... 16587 14067 06694 Attention (msg rptd) Out		USB	(AB)

E11a	7-4	0700	8180	Fri	576/38 Attention 03623 74620 12708 ... 95110 77328 19183 Attention (msg rptd) Out	USB	(AB)
E11a	8-4	1430	14972	Sat	914/32 Attention 68157 75870 33630 ... 98989 75613 71359 Attention (msg rptd) out	USB	(AB/MPJ)
E11a	8-4	1530	4505	Sat	368/32 Attention 38704 27247 50479 ... 91593 98317 56808 Attention (msg rptd) Out	USB	(AB-POL)
E11a	9-4	0600	8680	Sun	359/34 Attention 54888 96766 48044 ... 16587 14067 06694 Attention (msg rptd) Out	USB	(AB)
E11a	9-4	1530	4505	Sun	368/32 Attention 38704 27247 50479 ... 91593 98317 56808 Attention (msg rptd) Out	USB	(AB)
E11a	10-4	0745	10213	Mon	262/39 Attention 14488 47335 61011 ... 27197 50795 78224 Attention (msg rptd) Out	USB	(AB)
E11a	12-4	0930	6940	Wed	271/38 Attention 08534 57206 73355 ... 88971 95399 18580 Attention (msg rptd) Out	USB	(AB)
E11a	12-4	1715	6923	Wed	975/37 Attention 07108 64450 50698 ... 19785 13856 85309 Attention (msg rptd) Out	USB	(AB)
E11a	12-4	1910	4181	Wed	399/33 Attention 89277 13078 34140 ... 46262 91057 80878 Attention (msg rptd) Out	USB	(AB)
E11a	13-4	0930	6940	Thu	271/38 Attention 08534 57206 73355 ... 88971 95399 18580 Attention (msg rptd) Out	USB	(AB)
E11a	13-4	1530	10330	Thu	262/39 Attention 14488 47335 61011 ... 27197 50795 78224 Attention (msg rptd) Out	USB	(AB/MPJ)
E11a	14-4	1715	6923	Fri	975/37 Attention 07108 64450 50698 ... 19785 13856 85309 Attention (msg rptd) Out	USB	(AB/MPJ)
E11a	14-4	1815	11116	Fri	927/38 Attention 23308 13292 99425 ... 36417 55110 33294 Attention (msg rptd) Out	USB	(AB/MPJ)
E11a	14-4	1910	8530	Fri	610/32 Attention 80095 41548 39413 ... 55453 96814 82929 Attention (msg rptd) Out	USB	(AB)
E11a	15-4	1910	4181	Sat	399/33 Attention 89277 13078 34140 ... 46262 91057 80878 Attention (msg rptd) Out	USB	(AB)
E11a	16-4	1815	11116	Sun	927/38 Attention 23308 13292 99425 ... 36417 55110 33294 Attention (msg rptd) Out	USB	(AB)
E11a	16-4	1910	8530	Sun	610/32 Attention 80095 41548 39413 ... 55453 96814 82929 Attention (msg rptd) Out	USB	(AB)
E11a	17-4	0315	11581	Mon	258/39 Attention 03301 99292 11651 ... 45924 50886 27137 Attention (msg rptd) Out	USB	(AB-POL)
E11a	17-4	0830	20170	Mon	189/29 Attention 15195 81487 80139 ... 58981 95644 21442 Attention (msg rptd) Out	USB	(AB-POL)
E11a	17-4	1300	5371	Mon	319/35 Attention 65545 66959 44213 ... 68556 51975 65575 Attention (msg rptd) Out	USB	(AB-POL)
E11a	17-4	1745	13470	Mon	249/37 Attention 60151 12578 11195 ... 45523 76356 21297 Attention (msg rptd) Out	USB	(AB/MPJ)
E11a	18-4	0715	9963	Tue	630/35 Attention 10705 47454 19547 ... 00937 87574 58629 Attention (msg rptd) Out	USB	(AB)
E11a	18-4	0745	14865	Tue	227/33 Attention 95216 22516 15759 ... 93090 36462 39038 Attention (msg rptd) Out	USB	(AB)
E11a	18-4	0820	19184	Tue	136/32 Attention 47640 71971 25861 ... 19589 55089 14746 Attention (msg rptd) Out	USB	(AB-POL)
E11a	18-4	1000	9951	Tue	308/22 Attention 36500 98663 72043 ... 42309 31874 59703 Attention (msg rptd) Out	USB	(AB)
E11a	18-4	1230	12530	Tue	331/36 Attention 77084 64579 60318 ... 36810 42021 80291 Attention (msg rptd) Out	USB	(AB)
E11a	18-4	1605	5176	Tue	233/34 Attention 48400 98054 67760 ... 47223 70067 01526 Attention (msg rptd) Out	USB	(AB-POL)
E11a	19-4	0315	11581	Wed	258/39 Attention 03301 99292 11651 ... 45924 50886 27137 Attention (msg rptd) Out	USB	(AB-POL)
E11a	19-4	0820	19184	Wed	136/32 Attention 47640 71971 25861 ... 19589 55089 14746 Attention (msg rptd) Out	USB	(AB-POL)
E11a	20-4	0745	14865	Thu	227/33 Attention 95216 22516 15759 ... 93090 36462 39038 Attention (msg rptd) Out	USB	(AB)
E11a	20-4	0820	5149	Thu	438/32 Attention 01640 30148 59151 ... 26929 15714 33139 Attention (msg rptd) Out	USB	(AB-POL)
E11a	20-4	1230	12530	Thu	331/36 Attention 77084 64579 60318 ... 36810 42021 80291 Attention (msg rptd) Out	USB	(AB)
E11a	20-4	1300	5371	Thu	319/35 Attention 65545 66959 44213 ... 68556 51975 65575 Attention (msg rptd) Out	USB	(AB-POL)
E11a	21-4	0715	9963	Fri	630/35 Attention 10705 47454 19547 ... 00937 87574 58629 Attention (msg rptd) Out	USB	(AB)
E11a	21-4	0820	5941	Fri	438/32 Attention 01640 30148 59151 ... 26929 15714 33139 Attention (msg rptd) Out	USB	(AB)
E11a	21-4	0830	20170	Fri	189/29 Attention 15195 81487 80139 ... 58981 95644 21442 Attention (msg rptd) Out	USB	(AB-POL)
E11a	21-4	1000	9951	Fri	308/22 Attention 36500 98663 72043 ... 42309 31874 59703 Attention (msg rptd) Out	USB	(AB)
E11a	23-4	1605	5176	Sun	233/34 Attention 48400 98054 67760 ... 47223 70067 01526 Attention (msg rptd) Out	USB	(AB-POL)
E11a	23-4	1745	13470	Sun	249/37 Attention 60151 12578 11195 ... 45523 76356 21297 Attention (msg rptd) Out	USB	(AB/MPJ)
E11a	24-4	0715	15632	Mon	755/33 Attention 80049 10991 44906 ... 45443 13084 14677 Attention (msg rptd) Out	USB	(AB-POL)
E11a	24-4	0845	12202	Mon	716/33 Attention 15643 23519 52534 ... 99305 69344 55602 Attention (msg rptd) Out	USB	(AB)
E11a	24-4	0900	9968	Mon	533/38 Attention 36847 07280 83211 ... 37179 82043 64220 Attention (msg rptd) Out	USB	(AB)

E11a	24-4	1045	10200	Mon	698/31 Attention 13576 38501 08702 ... 92290 18472 74036 Attention (msg rptd) Out	USB	(AB)
E11a	25-4	0645	8423	Tue	515/39 Attention 68276 52349 64406 ... 12933 20495 93194 Attention (msg rptd) Out	USB	(AB)
E11a	25-4	1205	6923	Tue	465/31 Attention 68686 01991 42426 ... 39643 14310 59841 Attention (msg rptd) Out	USB	(AB-POL)
E11a	26-4	0715	15632	Wed	755/33 Attention 80049 10991 44906 ... 45443 13084 14677 Attention (msg rptd) Out	USB	(AB-POL)
E11a	26-4	0745	17410	Wed	349/31 Attention 86590 42066 15412 ... 18368 70475 95190 Attention (msg rptd) Out	USB	(AB-POL)
E11a	26-4	0845	12202	Wed	716/33 Attention 15643 23519 52534 ... 99305 69344 55602 Attention (msg rptd) Out	USB	(AB)
E11a	26-4	0900	9968	Wed	533/38 Attention 36847 07280 83211 ... 37179 82043 64220 Attention (msg rptd) Out	USB	(AB)
E11a	26-4	1045	10200	Wed	698/31 Attention 13576 38501 08702 ... 92290 18472 74036 Attention (msg rptd) Out	USB	(AB)
E11a	26-4	1205	6923	Wed	465/31 Attention 68686 01991 42426 ... 39643 14310 59841 Attention (msg rptd) Out	USB	(AB)
E11a	27-4	0645	8423	Thu	515/39 Attention 68276 52349 64406 ... 12933 20495 93194 Attention (msg rptd) Out	USB	(AB)
E11a	27-4	2000	5737	Thu	525/37 Attention 36541 86333 91191 ... 84988 01241 94719 Attention (msg rptd) Out	USB	(AB)
E11a	28-4	0745	17410	Fri	349/31 Attention 86590 42066 15412 ... 18368 70475 95190 Attention (msg rptd) Out	USB	(AB-POL)
E11a	30-4	2000	5737	Sun	525/37 Attention 36541 86333 91191 ... 84988 01241 94719 Attention (msg rptd) Out	USB	(AB)
EGY	26-4	1233	17414	Wed	MFA Cairo clg TVVX: Egyptian embassy Algiers	SITOR-A 100/170	(AB)
EGY	26-4	1245	17414	Wed	99903: MFA Cairo traffic to Egyptian embassy Algiers	CODAN-3012	(AB)
F01	3-4	1015	10177	Mon	Russian diplo/intel. 09122 68370 31985 ... 90177 70229 36417 00000 +++++	FSK 200/500	(AB-RUS)
F01	3-4	1025	8076	Mon	Russian diplo/intel. 09122 68370 31985 ... 90177 70229 36417 00000 +++++	FSK 200/500	(AB-RUS)
F01	3-4	1035	6974	Mon	Russian diplo/intel. 09122 68370 31985 ... 90177 70229 36417 00000 +++++	FSK 200/500	(AB-RUS)
F01	4-4	1015	10177	Tue	Russian diplo/intel. Too weak to copy	FSK 200/500	(AB)
F01	4-4	1025	8076	Tue	Russian diplo/intel. Too weak to copy	FSK 200/500	(AB)
F01	4-4	1035	6974	Tue	Russian diplo/intel. Too weak to copy	FSK 200/500	(AB)
F01	5-4	1015	10177	Wed	Russian diplo/intel. 10115 98718 62170 ... 15903 39413 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	5-4	1025	8076	Wed	Russian diplo/intel. 10115 98718 62170 ... 15903 39413 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	5-4	1035	6974	Wed	Russian diplo/intel. 10115 98718 62170 ... 15903 39413 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	5-4	1840	12194	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	5-4	1850	10581	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	5-4	1900	8112	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	6-4	1015	10177	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	6-4	1025	8076	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	6-4	1035	6974	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7-4	1015	10177	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ)
F01	7-4	1025	8076	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ)
F01	7-4	1035	6974	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS/MPJ)
F01	10-4	1015	10177	Mon	Russian diplo/intel. 08714 91792 17697 ... 17664 74009 42411 00000 +++++	FSK 200/500	(AB-RUS)
F01	10-4	1025	8076	Mon	Russian diplo/intel. 08714 91792 17697 ... 17664 74009 42411 00000 +++++	FSK 200/500	(AB-RUS)
F01	10-4	1035	6974	Mon	Russian diplo/intel. 08714 91792 17697 ... 17664 74009 42411 00000 +++++	FSK 200/500	(AB-RUS)
F01	11-4	1015	10177	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11-4	1025	8076	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11-4	1035	6974	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	12-4	1015	10177	Wed	Russian diplo/intel. 26615 40498 22988 ... 67706 82986 45423 00000 +++++	FSK 200/500	(AB-RUS/HFD)
F01	12-4	1025	8076	Wed	Russian diplo/intel. 26615 40498 22988 ... 67706 82986 45423 00000 +++++	FSK 200/500	(AB-RUS/HFD)
F01	12-4	1035	6974	Wed	Russian diplo/intel. 26615 40498 22988 ... 67706 82986 45423 00000 +++++	FSK 200/500	(AB-RUS/HFD)

F01	13-4	1015	10177	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	13-4	1025	8076	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	13-4	1035	6974	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	14-4	1015	10177	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	14-4	1025	8076	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	14-4	1035	6974	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	17-4	1015	10177	Mon	Russian diplo/intel. 00311 88444 35471 ... 98584 14068 46437 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	17-4	1025	8076	Mon	Russian diplo/intel. 00311 88444 35471 ... 98584 14068 46437 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	17-4	1035	6974	Mon	Russian diplo/intel. 00311 88444 35471 ... 98584 14068 46437 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	18-4	1015	10177	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	18-4	1025	8076	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	18-4	1035	6974	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	19-4	1015	10177	Wed	Russian diplo/intel. 04027 81101 41599 ... 10070 58052 51421 00000 +++++ +++++ +++++	FSK 200/500	(AB-CZE)
F01	19-4	1025	8076	Wed	Russian diplo/intel. 04027 81101 41599 ... 10070 58052 51421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	19-4	1035	6974	Wed	Russian diplo/intel. 04027 81101 41599 ... 10070 58052 51421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	20-4	1015	10177	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	20-4	1025	8076	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	20-4	1035	6974	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	21-4	1015	10177	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-POL)
F01	21-4	1025	8076	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	21-4	1035	6974	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	24-4	1015	10177	Mon	Russian diplo/intel. 58837 42020 10351 ... 95641 47125 54417 00000 +++++	FSK 200/500	(AB-RUS)
F01	24-4	1025	8076	Mon	Russian diplo/intel. 58837 42020 10351 ... 95641 47125 54417 00000 +++++	FSK 200/500	(AB-RUS)
F01	24-4	1035	6974	Mon	Russian diplo/intel. 58837 42020 10351 ... 95641 47125 54417 00000 +++++	FSK 200/500	(AB-RUS)
F01	25-4	1015	10177	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	25-4	1025	8076	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	25-4	1035	6974	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	26-4	1015	10177	Wed	Russian diplo/intel. 81621 64098 99284 ... 74043 73543 57433 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	26-4	1025	8076	Wed	Russian diplo/intel. 81621 64098 99284 ... 74043 73543 57433 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	26-4	1035	6974	Wed	Russian diplo/intel. 81621 64098 99284 ... 74043 73543 57433 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	27-4	1015	10177	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	27-4	1025	8076	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	27-4	1035	6974	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	28-4	1015	10177	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	28-4	1025	8076	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	28-4	1035	6974	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F02	6-4	1300	5374	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB-POL)
F02	7-4	0830	16230	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	11-4	0621	15751	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	11-4	0637	15751	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	11-4	0639	12198	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	11-4	0700	20439	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)

F02	11-4	0830	16230	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	14-4	0830	16230	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	18-4	0700	20439	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	18-4	0710	16223	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	18-4	0830	16230	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	21-4	0830	16230	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	21-4	1441	20617	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	21-4	1451	20617	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	21-4	1452	17521	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	25-4	0700	20439	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	25-4	0830	16230	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	28-4	0830	16230	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	28-4	1035	15876	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	28-4	1052	13896	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F03j	3-4	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-4	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-4	0950	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-4	0955	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-4	0635	14975	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-4	0640	14975	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-4	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-4	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-4	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-4	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-4	0615	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-4	0620	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-4	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-4	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-4	0950	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-4	0955	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-4	1100	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-4	1105	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-4	0635	14975	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-4	0640	14975	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-4	0800	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-4	0800	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-4	0835	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-4	0840	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-4	0800	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-4	0800	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-4	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-4	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	10-4	0615	16125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-4	0620	16125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-4	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-4	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-4	0950	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-4	0955	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-4	0635	14975	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-4	0640	14975	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-4	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-4	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-4	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-4	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-4	1100	6849	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-4	1105	6849	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-4	0615	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-4	0620	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-4	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-4	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-4	0950	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-4	0955	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-4	1100	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	12-4	1105	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	13-4	0635	14975	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-4	0640	14975	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-4	0800	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-4	0800	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-4	0835	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-4	0840	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-4	0800	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-4	0800	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-4	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-4	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-4	0615	16125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-4	0620	16125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-4	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-4	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-4	0950	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-4	0955	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-4	0635	14975	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-4	0640	14975	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-4	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-4	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	18-4	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-4	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-4	1100	6849	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-4	1105	6849	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-4	0615	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-4	0620	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-4	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-4	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-4	0950	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-4	0955	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-4	1100	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19-4	1105	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	20-4	0635	14975	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-4	0640	14975	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-4	0800	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-4	0800	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-4	0835	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-4	0840	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-4	0800	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-4	0800	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-4	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-4	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-4	0615	16125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-4	0620	16125	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-4	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-4	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-4	0950	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-4	0955	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-4	0635	14975	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-4	0640	14975	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-4	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-4	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-4	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-4	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-4	1100	6849	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-4	1105	6849	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-4	0615	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-4	0620	16125	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-4	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-4	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-4	0950	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-4	0955	10210	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	26-4	1100	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	26-4	1105	6849	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	27-4	0635	14975	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-4	0640	14975	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-4	0800	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-4	0800	5409	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-4	0835	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-4	0840	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-4	0800	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-4	0800	5409	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-4	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-4	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03I	3-4	0735	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-4	0740	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-4	0810	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-4	0815	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-4	0930	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-4	0935	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-4	1010	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-4	1015	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-4	1030	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-4	1035	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-4	1830	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-4	1835	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-4	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-4	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-4	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-4	0805	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-4	0945	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-4	0950	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-4	1500	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	4-4	1505	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	5-4	0430	11104	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-4	0435	11104	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-4	0800	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-4	0805	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-4	0915	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-4	0920	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-4	1010	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-4	1015	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-4	1030	11092	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-4	1035	11092	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	5-4	1315	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-4	1320	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-4	0430	11104	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-4	0435	11104	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-4	0725	13873	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-4	0730	13873	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-4	0735	10641	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-4	0740	10641	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-4	0915	6849	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-4	0920	6849	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-4	1830	7798	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6-4	1835	7798	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-4	0810	12385	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-4	0815	12385	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-4	0930	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-4	0935	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-4	0945	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-4	0950	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-4	1315	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7-4	1320	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7-4	1500	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7-4	1505	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	10-4	0735	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-4	0740	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-4	0810	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-4	0815	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-4	0930	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-4	0935	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-4	1010	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-4	1015	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-4	1030	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-4	1035	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-4	1830	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-4	1835	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-4	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-4	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-4	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-4	0805	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-4	0945	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-4	0950	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-4	1500	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-4	1505	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	12-4	0430	11104	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	12-4	0435	11104	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	12-4	0800	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-4	0805	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-4	0915	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-4	0920	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-4	1010	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-4	1015	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-4	1030	11092	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-4	1035	11092	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-4	1315	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-4	1320	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-4	0430	11104	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	13-4	0435	11104	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	13-4	0725	13873	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-4	0730	13873	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-4	0735	10641	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-4	0740	10641	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-4	0915	6849	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-4	0920	6849	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-4	1830	7798	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	13-4	1835	7798	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	14-4	0810	12385	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-4	0815	12385	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-4	0930	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-4	0935	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-4	0945	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-4	0950	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-4	1315	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-4	1320	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-4	1500	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	14-4	1505	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	17-4	0735	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-4	0740	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-4	0810	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-4	0815	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-4	0930	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-4	0935	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-4	1010	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-4	1015	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-4	1030	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	17-4	1035	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)

F03I	17-4	1830	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-4	1835	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-4	0615	11092	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-4	0620	11092	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-4	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-4	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-4	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-4	0805	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-4	0945	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-4	0950	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-4	1500	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-4	1505	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-4	0430	11104	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	19-4	0435	11104	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	19-4	0800	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-4	0805	18030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-4	0915	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-4	0920	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-4	1010	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-4	1015	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-4	1030	11092	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-4	1035	11092	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-4	1315	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	19-4	1320	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-4	0430	11104	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	20-4	0435	11104	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	20-4	0615	11092	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-4	0620	11092	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-4	0725	13873	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-4	0730	13873	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-4	0735	10641	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-4	0740	10641	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-4	0915	6849	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-4	0920	6849	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-4	1830	7798	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-4	1835	7798	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-4	0810	12385	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-4	0815	12385	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-4	0930	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-4	0935	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-4	0945	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-4	0950	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	21-4	1315	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-4	1320	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-4	1500	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-4	1505	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-4	0735	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-4	0740	10641	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-4	0810	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-4	0815	12385	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-4	0930	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-4	0935	6397	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-4	1010	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-4	1015	12153	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-4	1030	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	24-4	1035	11092	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	24-4	1830	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	24-4	1835	7798	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	25-4	0615	11092	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-4	0620	11092	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-4	0725	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-4	0730	13873	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-4	0800	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-4	0805	18030	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-4	0945	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-4	0950	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-4	1500	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-4	1505	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-4	0430	11104	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	26-4	0435	11104	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	26-4	0915	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-4	0920	6849	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-4	1010	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-4	1015	12153	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-4	1030	11092	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-4	1035	11092	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-4	1315	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-4	1320	15915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-4	0430	11104	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	27-4	0435	11104	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	27-4	0615	11092	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-4	0620	11092	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-4	0725	13873	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-4	0730	13873	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	27-4	0735	10641	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-4	0740	10641	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-4	0915	6849	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-4	0920	6849	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-4	1830	7798	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(MPJ)
F03I	27-4	1835	7798	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(MPJ)
F03I	28-4	0810	12385	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-4	0815	12385	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-4	0930	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-4	0935	6397	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-4	0945	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-4	0950	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-4	1315	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	28-4	1320	15915	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	28-4	1500	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-4	1505	7984	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F06	1-4	1400	10687	Sat	Russian diplo/intel. 11100 00000 27896 31070 01579	FSK 100/1000	(AB)
F06	1-4	1410	7992	Sat	Russian diplo/intel. 11100 00000 27896 31070 01579	FSK 100/1000	(AB-RUS)
F06	1-4	1420	5913	Sat	Russian diplo/intel. 11100 00000 27896 31070 01579	FSK 100/1000	(AB-RUS)
F06	2-4	1030	12167	Sun	Russian diplo/intel. 11100 00000 27896 31070 01579	FSK 200/1000	(AB)
F06	2-4	1040	9937	Sun	Russian diplo/intel. 11100 00000 27896 31070 01579	FSK 200/1000	(AB)
F06	2-4	1050	7526	Sun	Russian diplo/intel. 11100 00000 27896 31070 01579	FSK 200/1000	(AB)
F06	3-4	0700	11054	Mon	Russian diplo/intel. 11166 70202 98421 31067 02079	FSK 200/1000	(AB)
F06	3-4	0710	8189	Mon	Russian diplo/intel. 11166 70202 98421 31067 02079	FSK 200/1000	(AB)
F06	3-4	0720	6952	Mon	Russian diplo/intel. 11166 70202 98421 31067 02079	FSK 200/1000	(AB)
F06	3-4	1200	10388	Mon	Russian diplo/intel. 11166 70202 98421 31067 02079	FSK 200/1000	(AB)
F06	3-4	1210	8084	Mon	Russian diplo/intel. 11166 70202 98421 31067 02079	FSK 200/1000	(AB)
F06	3-4	1220	6780	Mon	Russian diplo/intel. 11166 70202 98421 31067 02079	FSK 200/1000	(AB)
F06	4-4	0700	11054	Tue	Russian diplo/intel. 11166 70202 13426 03068 02239 and 11166 70202 68943 03069 01839	FSK 200/1000	(AB)
F06	4-4	0710	8189	Tue	Russian diplo/intel. 11166 70202 13426 03068 02239 and 11166 70202 68943 03069 01839	FSK 200/1000	(AB)
F06	4-4	0720	6952	Tue	Russian diplo/intel. 11166 70202 13426 03068 02239 and 11166 70202 68943 03069 01839	FSK 200/1000	(AB)
F06	4-4	1200	10388	Tue	Russian diplo/intel. 11166 70202 13426 03068 02239 and 11166 70202 68943 03069 01839	FSK 200/1000	(AB)
F06	4-4	1210	8084	Tue	Russian diplo/intel. 11166 70202 13426 03068 02239 and 11166 70202 68943 03069 01839	FSK 200/1000	(AB)
F06	4-4	1220	6780	Tue	Russian diplo/intel. 11166 70202 13426 03068 02239 and 11166 70202 68943 03069 01839	FSK 200/1000	(AB)
F06	4-4	1230	19926	Tue	Russian diplo/intel. 11166 30154 24953 18057 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	4-4	1240	16049	Tue	Russian diplo/intel. 11166 30154 12396 04081 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	4-4	1250	14387	Tue	Russian diplo/intel. 11166 30154 12396 04081 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	4-4	1650	20971	Tue	Russian diplo/intel. 11166 10053 73914 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-4	1700	15919	Tue	Russian diplo/intel. 11166 10053 73914 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-4	1710	14386	Tue	Russian diplo/intel. 11166 10053 73914 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-4	0600	16325	Wed	Russian diplo/intel. 11166 40122 27489 01050 03699	FSK 200/1000	(AB)
F06	5-4	0610	14724	Wed	Russian diplo/intel. 11166 40122 27489 01050 03699	FSK 200/1000	(AB)

F06	5-4	0620	12172	Wed	Russian diplo/intel. 11166 40122 27489 01050 03699	FSK 200/1000	(AB)
F06	5-4	0700	11054	Wed	Russian diplo/intel. 11166 70202 83421 04070 02099	FSK 200/1000	(AB)
F06	5-4	0710	8189	Wed	Russian diplo/intel. 11166 70202 83421 04070 02099	FSK 200/1000	(AB)
F06	5-4	0720	6952	Wed	Russian diplo/intel. 11166 70202 83421 04070 02099	FSK 200/1000	(AB)
F06	5-4	1200	10388	Wed	Russian diplo/intel. 11166 70202 83421 04070 02099	FSK 200/1000	(AB)
F06	5-4	1210	8084	Wed	Russian diplo/intel. 11166 70202 83421 04070 02099	FSK 200/1000	(AB)
F06	5-4	1220	6780	Wed	Russian diplo/intel. 11166 70202 83421 04070 02099	FSK 200/1000	(AB)
F06	6-4	0600	16325	Thu	Russian diplo/intel. 11166 40122 27489 01050 03699	FSK 200/1000	(AB)
F06	6-4	0610	14724	Thu	Russian diplo/intel. 11166 40122 27489 01050 03699	FSK 200/1000	(AB)
F06	6-4	0620	12172	Thu	Russian diplo/intel. 11166 40122 27489 01050 03699	FSK 200/1000	(AB)
F06	6-4	0700	11054	Thu	Russian diplo/intel. 11166 70202 26851 05071 01939 and 11166 70202 61829 05072 01659	FSK 200/1000	(AB)
F06	6-4	0710	8189	Thu	Russian diplo/intel. 11166 70202 26851 05071 01939 and 11166 70202 61829 05072 01659	FSK 200/1000	(AB)
F06	6-4	0720	6952	Thu	Russian diplo/intel. 11166 70202 26851 05071 01939 and 11166 70202 61829 05072 01659	FSK 200/1000	(AB)
F06	6-4	1200	10388	Thu	Russian diplo/intel. 11166 70202 26851 05071 01939 and 11166 70202 61829 05072 01659	FSK 200/1000	(AB)
F06	6-4	1210	8084	Thu	Russian diplo/intel. 11166 70202 26851 05071 01939 and 11166 70202 61829 05072 01659	FSK 200/1000	(AB)
F06	6-4	1220	6780	Thu	Russian diplo/intel. 11166 70202 26851 05071 01939 and 11166 70202 61829 05072 01659	FSK 200/1000	(AB)
F06	6-4	1330	20875	Thu	Russian diplo/intel. 11166 80214 65489 06017 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-4	1340	19947	Thu	Russian diplo/intel. 11166 80214 65489 06017 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-4	1350	14571	Thu	Russian diplo/intel. 11166 80214 65489 06017 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-4	0700	11054	Fri	Russian diplo/intel. 11166 70202 62348 07016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-4	0710	8189	Fri	Russian diplo/intel. 11166 70202 62348 07016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-4	0720	6952	Fri	Russian diplo/intel. 11166 70202 62348 07016 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-4	1400	10687	Sat	Russian diplo/intel. 11100 00000 54718 07071 01759	FSK 100/1000	(AB)
F06	8-4	1410	7992	Sat	Russian diplo/intel. 11100 00000 54718 07071 01759	FSK 100/1000	(AB-RUS)
F06	8-4	1420	5913	Sat	Russian diplo/intel. 11100 00000 54718 07071 01759	FSK 100/1000	(AB-RUS)
F06	9-4	1030	12167	Sun	Russian diplo/intel. 11100 00000 54718 07071 01759	FSK 200/1000	(AB/MPJ)
F06	9-4	1040	9937	Sun	Russian diplo/intel. 11100 00000 54718 07071 01759	FSK 200/1000	(AB/MPJ)
F06	9-4	1050	7526	Sun	Russian diplo/intel. 11100 00000 54718 07071 01759	FSK 200/1000	(AB/MPJ)
F06	9-4	1530	22877	Sun	Russian diplo/intel. 11166 10053 78945 09001 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
F06	9-4	1540	20947	Sun	Russian diplo/intel. 11166 10053 78945 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9-4	1550	15893	Sun	Russian diplo/intel. 11166 10053 78945 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10-4	0700	11054	Mon	Russian diplo/intel. 11166 70202 93421 07073 02739	FSK 200/1000	(AB)
F06	10-4	0710	8189	Mon	Russian diplo/intel. 11166 70202 93421 07073 02739	FSK 200/1000	(AB)
F06	10-4	0720	6952	Mon	Russian diplo/intel. 11166 70202 93421 07073 02739	FSK 200/1000	(AB)
F06	10-4	1200	10388	Mon	Russian diplo/intel. 11166 70202 93421 07073 02739	FSK 200/1000	(AB)
F06	10-4	1210	8084	Mon	Russian diplo/intel. 11166 70202 93421 07073 02739	FSK 200/1000	(AB)
F06	10-4	1220	6780	Mon	Russian diplo/intel. 11166 70202 93421 07073 02739	FSK 200/1000	(AB)
F06	11-4	0030	12095	Tue	Russian diplo/intel. 11166 60070 31745 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-4	0040	9069	Tue	Russian diplo/intel. 11166 60070 31745 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-4	0050	8048	Tue	Russian diplo/intel. 11166 60070 31745 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-4	0700	11054	Tue	Russian diplo/intel. 11166 70202 65429 10074 01639 and 11166 70202 12357 10075 02119	FSK 200/1000	(AB)
F06	11-4	0710	8189	Tue	Russian diplo/intel. 11166 70202 65429 10074 01639 and 11166 70202 12357 10075 02119	FSK 200/1000	(AB)

F06	11-4	0720	6952	Tue	Russian diplo/intel. 11166 70202 65429 10074 01639 and 11166 70202 12357 10075 02119	FSK 200/1000	(AB)
F06	11-4	1200	10388	Tue	Russian diplo/intel. 11166 70202 65429 10074 01639 and 11166 70202 12357 10075 02119	FSK 200/1000	(AB)
F06	11-4	1210	8084	Tue	Russian diplo/intel. 11166 70202 65429 10074 01639 and 11166 70202 12357 10075 02119	FSK 200/1000	(AB)
F06	11-4	1220	6780	Tue	Russian diplo/intel. 11166 70202 65429 10074 01639 and 11166 70202 12357 10075 02119	FSK 200/1000	(AB)
F06	11-4	1230	19926	Tue	Russian diplo/intel. 11166 30154 14236 11147 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	11-4	1240	16049	Tue	Russian diplo/intel. 11166 30154 14236 11147 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	11-4	1250	14387	Tue	Russian diplo/intel. 11166 30154 14236 11147 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	11-4	1650	20971	Tue	Russian diplo/intel. 11166 10053 42791 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-4	1700	15919	Tue	Russian diplo/intel. 11166 10053 42791 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-4	1710	14386	Tue	Russian diplo/intel. 11166 10053 42791 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-4	0700	11054	Wed	Russian diplo/intel. 11166 70202 45872 11076 02179	FSK 200/1000	(AB)
F06	12-4	0710	8189	Wed	Russian diplo/intel. 11166 70202 45872 11076 02179	FSK 200/1000	(AB)
F06	12-4	0720	6952	Wed	Russian diplo/intel. 11166 70202 45872 11076 02179	FSK 200/1000	(AB)
F06	12-4	0915	20159	Wed	Russian diplo/intel. 11166 40023 12547 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-4	0915	20159	Wed	Russian diplo/intel. 11166 40023 12547 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	12-4	0925	15843	Wed	Russian diplo/intel. 11166 40023 12547 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	12-4	0930	15843	Wed	Russian diplo/intel. 11166 40023 12547 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-4	0935	14365	Wed	Russian diplo/intel. 11166 40023 12547 12001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	12-4	0945	14365	Wed	Russian diplo/intel. 11166 40023 12547 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-4	1200	10388	Wed	Russian diplo/intel. 11166 70202 45872 11076 02179	FSK 200/1000	(AB)
F06	12-4	1210	8084	Wed	Russian diplo/intel. 11166 70202 45872 11076 02179	FSK 200/1000	(AB)
F06	12-4	1220	6780	Wed	Russian diplo/intel. 11166 70202 45872 11076 02179	FSK 200/1000	(AB)
F06	13-4	0700	11054	Thu	Russian diplo/intel. 11166 70202 21475 12077 01599 and 11166 70202 95842 12078 02159	FSK 200/1000	(AB)
F06	13-4	0710	8189	Thu	Russian diplo/intel. 11166 70202 21475 12077 01599 and 11166 70202 95842 12078 02159	FSK 200/1000	(AB)
F06	13-4	0720	6952	Thu	Russian diplo/intel. 11166 70202 21475 12077 01599 and 11166 70202 95842 12078 02159	FSK 200/1000	(AB)
F06	13-4	1200	10388	Thu	Russian diplo/intel. 11166 70202 21475 12077 01599 and 11166 70202 95842 12078 02159	FSK 200/1000	(AB)
F06	13-4	1210	8084	Thu	Russian diplo/intel. 11166 70202 21475 12077 01599 and 11166 70202 95842 12078 02159	FSK 200/1000	(AB)
F06	13-4	1220	6780	Thu	Russian diplo/intel. 11166 70202 21475 12077 01599 and 11166 70202 95842 12078 02159	FSK 200/1000	(AB)
F06	13-4	1330	20875	Thu	Russian diplo/intel. 11166 80214 85214 13052 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL/MPJ)
F06	13-4	1340	19947	Thu	Russian diplo/intel. 11166 80214 85214 13052 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL/MPJ)
F06	13-4	1350	14571	Thu	Russian diplo/intel. 11166 80214 85214 13052 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14-4	0700	11054	Fri	Russian diplo/intel. 11166 70202 73512 14072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-4	0710	8189	Fri	Russian diplo/intel. 11166 70202 73512 14072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-4	0720	6952	Fri	Russian diplo/intel. 11166 70202 73512 14072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-4	1400	10687	Sat	Russian diplo/intel. 11100 00000 56324 14072 01599	FSK 100/1000	(AB)
F06	15-4	1410	7992	Sat	Russian diplo/intel. 11100 00000 56324 14072 01599	FSK 100/1000	(AB-RUS)
F06	15-4	1420	5913	Sat	Russian diplo/intel. 11100 00000 56324 14072 01599	FSK 100/1000	(AB-RUS)
F06	16-4	1030	12167	Sun	Russian diplo/intel. 11100 00000 56324 14072 01599	FSK 200/1000	(AB)
F06	16-4	1040	9937	Sun	Russian diplo/intel. 11100 00000 56324 14072 01599	FSK 200/1000	(AB)
F06	16-4	1050	7526	Sun	Russian diplo/intel. 11100 00000 56324 14072 01599	FSK 200/1000	(AB)
F06	16-4	1530	22877	Sun	Russian diplo/intel. 11166 10053 78945 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16-4	1540	20947	Sun	Russian diplo/intel. 11166 10053 78945 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	16-4	1550	15893	Sun	Russian diplo/intel. 11166 10053 78945 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-4	0400	9473	Mon	Russian diplo/intel. 11166 70059 98745 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-4	0410	7556	Mon	Russian diplo/intel. 11166 70059 98745 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-4	0420	5471	Mon	Russian diplo/intel. 11166 70059 98745 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-4	0700	11054	Mon	Russian diplo/intel. 11166 70202 51472 14079 02339	FSK 200/1000	(AB)
F06	17-4	0710	8189	Mon	Russian diplo/intel. 11166 70202 51472 14079 02339	FSK 200/1000	(AB)
F06	17-4	0720	6952	Mon	Russian diplo/intel. 11166 70202 51472 14079 02339	FSK 200/1000	(AB)
F06	17-4	1200	10388	Mon	Russian diplo/intel. 11166 70202 51472 14079 02339	FSK 200/1000	(AB)
F06	17-4	1210	8084	Mon	Russian diplo/intel. 11166 70202 51472 14079 02339	FSK 200/1000	(AB)
F06	17-4	1220	6780	Mon	Russian diplo/intel. 11166 70202 51472 14079 02339	FSK 200/1000	(AB)
F06	18-4	0030	12095	Tue	Russian diplo/intel. 11166 60070 78963 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-4	0040	9069	Tue	Russian diplo/intel. 11166 60070 78963 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-4	0050	8048	Tue	Russian diplo/intel. 11166 60070 78963 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-4	0700	11054	Tue	Russian diplo/intel. 11166 70202 91475 17080 01799 and 11166 70202 15842 17081 01859	FSK 200/1000	(AB)
F06	18-4	0710	8189	Tue	Russian diplo/intel. 11166 70202 91475 17080 01799 and 11166 70202 15842 17081 01859	FSK 200/1000	(AB)
F06	18-4	0720	6952	Tue	Russian diplo/intel. 11166 70202 91475 17080 01799 and 11166 70202 15842 17081 01859	FSK 200/1000	(AB)
F06	18-4	1200	10388	Tue	Russian diplo/intel. 11166 70202 91475 17080 01799 and 11166 70202 15842 17081 01859	FSK 200/1000	(AB)
F06	18-4	1210	8084	Tue	Russian diplo/intel. 11166 70202 91475 17080 01799 and 11166 70202 15842 17081 01859	FSK 200/1000	(AB)
F06	18-4	1220	6780	Tue	Russian diplo/intel. 11166 70202 91475 17080 01799 and 11166 70202 15842 17081 01859	FSK 200/1000	(AB)
F06	18-4	1230	19926	Tue	Russian diplo/intel. 11166 30154 24953 18057 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR/PY)
F06	18-4	1240	16049	Tue	Russian diplo/intel. 11166 30154 24953 18057 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR/PY)
F06	18-4	1250	14387	Tue	Russian diplo/intel. 11166 30154 24953 18057 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR/PY)
F06	18-4	1650	20971	Tue	Russian diplo/intel. 11166 10053 12457 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18-4	1700	15919	Tue	Russian diplo/intel. 11166 10053 12457 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18-4	1710	14386	Tue	Russian diplo/intel. 11166 10053 12457 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	19-4	0600	16325	Wed	Russian diplo/intel. 11166 40122 12548 19069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-4	0610	14724	Wed	Russian diplo/intel. 11166 40122 12548 19069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-4	0620	12172	Wed	Russian diplo/intel. 11166 40122 12548 19069 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-4	0700	11054	Wed	Russian diplo/intel. 11166 70202 78951 18082 02479	FSK 200/1000	(AB)
F06	19-4	0710	8189	Wed	Russian diplo/intel. 11166 70202 78951 18082 02479	FSK 200/1000	(AB)
F06	19-4	0720	6952	Wed	Russian diplo/intel. 11166 70202 78951 18082 02479	FSK 200/1000	(AB)
F06	19-4	1200	10388	Wed	Russian diplo/intel. 11166 70202 78951 18082 02479	FSK 200/1000	(AB)
F06	19-4	1210	8084	Wed	Russian diplo/intel. 11166 70202 78951 18082 02479	FSK 200/1000	(AB)
F06	19-4	1220	6780	Wed	Russian diplo/intel. 11166 70202 78951 18082 02479	FSK 200/1000	(AB)
F06	20-4	0700	11054	Thu	Russian diplo/intel. 11166 70202 41975 19083 01799 and 11166 70202 16849 19084 01839	FSK 200/1000	(AB)
F06	20-4	0710	8189	Thu	Russian diplo/intel. 11166 70202 41975 19083 01799 and 11166 70202 16849 19084 01839	FSK 200/1000	(AB)
F06	20-4	0720	6952	Thu	Russian diplo/intel. 11166 70202 41975 19083 01799 and 11166 70202 16849 19084 01839	FSK 200/1000	(AB)
F06	20-4	1200	10388	Thu	Russian diplo/intel. 11166 70202 41975 19083 01799 and 11166 70202 16849 19084 01839	FSK 200/1000	(AB)
F06	20-4	1210	8084	Thu	Russian diplo/intel. 11166 70202 41975 19083 01799 and 11166 70202 16849 19084 01839	FSK 200/1000	(AB)
F06	20-4	1220	6780	Thu	Russian diplo/intel. 11166 70202 41975 19083 01799 and 11166 70202 16849 19084 01839	FSK 200/1000	(AB)
F06	20-4	1330	20875	Thu	Russian diplo/intel. 11166 80214 17654 19053 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-4	1340	19947	Thu	Russian diplo/intel. 11166 80214 17654 19053 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	20-4	1350	14571	Thu	Russian diplo/intel. 11166 80214 17654 19053 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-4	0700	11054	Fri	Russian diplo/intel. 11166 70202 54873 20056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-4	0710	8189	Fri	Russian diplo/intel. 11166 70202 54873 20056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-4	0720	6952	Fri	Russian diplo/intel. 11166 70202 54873 20056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-4	0600	5089	Sat	Russian diplo/intel. 11100 00000 12457 22030 03029	FSK 200/1000	(PY)
F06	22-4	0610	7337	Sat	Russian diplo/intel. 11100 00000 12457 22030 03029	FSK 200/1000	(PY)
F06	22-4	0620	9481	Sat	Russian diplo/intel. 11100 00000 12457 22030 03029	FSK 200/1000	(PY)
F06	22-4	0630	5089	Sat	Russian diplo/intel. 11100 00000 12457 22030 03029 Starting mid message	FSK 200/1000	(PY)
F06	22-4	0630	9481	Sat	Russian diplo/intel. 11100 00000 12457 22030 03029 Off after 38 sec	FSK 200/1000	(PY)
F06	22-4	0640	7337	Sat	Russian diplo/intel. 11100 00000 12457 22030 03029	FSK 200/1000	(PY)
F06	22-4	0650	9481	Sat	Russian diplo/intel. 11100 00000 12457 22030 03029	FSK 200/1000	(PY)
F06	22-4	0700	5089	Sat	Russian diplo/intel. 11100 00000 12457 22030 03029	FSK 200/1000	(PY)
F06	22-4	0710	7337	Sat	Russian diplo/intel. 11100 00000 12457 22030 03029	FSK 200/1000	(PY)
F06	22-4	0720	9481	Sat	Russian diplo/intel. 11100 00000 12457 22030 03029	FSK 200/1000	(PY)
F06	22-4	1400	10687	Sat	Russian diplo/intel. 11100 00000 16324 21073 02159	FSK 100/1000	(AB)
F06	22-4	1410	7992	Sat	Russian diplo/intel. 11100 00000 16324 21073 02159	FSK 100/1000	(AB-RUS)
F06	22-4	1420	5913	Sat	Russian diplo/intel. 11100 00000 16324 21073 02159	FSK 100/1000	(AB-RUS)
F06	23-4	1030	12167	Sun	Russian diplo/intel. 11100 00000 16324 21073 02159	FSK 200/1000	(AB)
F06	23-4	1040	9937	Sun	Russian diplo/intel. 11100 00000 16324 21073 02159	FSK 200/1000	(AB)
F06	23-4	1050	7526	Sun	Russian diplo/intel. 11100 00000 16324 21073 02159	FSK 200/1000	(AB)
F06	23-4	1530	22877	Sun	Russian diplo/intel. 11166 10053 27468 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	23-4	1540	20947	Sun	Russian diplo/intel. 11166 10053 27468 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	23-4	1550	15893	Sun	Russian diplo/intel. 11166 10053 27468 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	24-4	0700	11054	Mon	Russian diplo/intel. 11166 70202 61492 21085 02399	FSK 200/1000	(AB)
F06	24-4	0710	8189	Mon	Russian diplo/intel. 11166 70202 61492 21085 02399	FSK 200/1000	(AB)
F06	24-4	0720	6952	Mon	Russian diplo/intel. 11166 70202 61492 21085 02399	FSK 200/1000	(AB)
F06	24-4	0800	9437	Mon	Russian diplo/intel. 11100 00000 35719 21084 01839	FSK 200/1000	(PY)
F06	24-4	1200	10388	Mon	Russian diplo/intel. 11166 70202 61492 21085 02399	FSK 200/1000	(AB/MPJ)
F06	24-4	1210	8084	Mon	Russian diplo/intel. 11166 70202 61492 21085 02399	FSK 200/1000	(AB/MPJ)
F06	24-4	1220	6780	Mon	Russian diplo/intel. 11166 70202 61492 21085 02399	FSK 200/1000	(AB/MPJ)
F06	25-4	0030	12095	Tue	Russian diplo/intel. 11166 60070 78451 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	25-4	0040	9069	Tue	Russian diplo/intel. 11166 60070 78451 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	25-4	0050	8048	Tue	Russian diplo/intel. 11166 60070 78451 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	25-4	0700	11054	Tue	Russian diplo/intel. 11166 70202 62584 24086 01959 and 11166 70202 25417 24087 01779	FSK 200/1000	(AB)
F06	25-4	0710	8189	Tue	Russian diplo/intel. 11166 70202 62584 24086 01959 and 11166 70202 25417 24087 01779	FSK 200/1000	(AB)
F06	25-4	0720	6952	Tue	Russian diplo/intel. 11166 70202 62584 24086 01959 and 11166 70202 25417 24087 01779	FSK 200/1000	(AB)
F06	25-4	1200	10388	Tue	Russian diplo/intel. 11166 70202 62584 24086 01959 and 11166 70202 25417 24087 01779	FSK 200/1000	(AB)
F06	25-4	1210	8084	Tue	Russian diplo/intel. 11166 70202 62584 24086 01959 and 11166 70202 25417 24087 01779	FSK 200/1000	(AB)
F06	25-4	1220	6780	Tue	Russian diplo/intel. 11166 70202 62584 24086 01959 and 11166 70202 25417 24087 01779	FSK 200/1000	(AB)
F06	25-4	1230	19926	Tue	Russian diplo/intel. 11166 30154 25697 25053 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	25-4	1240	16049	Tue	Russian diplo/intel. 11166 30154 25697 25053 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	25-4	1250	14387	Tue	Russian diplo/intel. 11166 30154 25697 25053 00049 00000 00000 00000 00000	FSK 200/1000	(PY)

F06	25-4	1650	20971	Tue	Russian diplo/intel. 11166 10053 98765 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/CYP)
F06	25-4	1700	15919	Tue	Russian diplo/intel. 11166 10053 98765 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	25-4	1710	14386	Tue	Russian diplo/intel. 11166 10053 98765 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-4	0600	16325	Wed	Russian diplo/intel. 11166 40122 78452 22051 03609	FSK 200/1000	(AB-KOR)
F06	26-4	0610	14724	Wed	Russian diplo/intel. 11166 40122 78452 22051 03609	FSK 200/1000	(AB-KOR)
F06	26-4	0620	12172	Wed	Russian diplo/intel. 11166 40122 78452 22051 03609	FSK 200/1000	(AB-KOR)
F06	26-4	0700	11054	Wed	Russian diplo/intel. 11166 70202 71492 25088 02539	FSK 200/1000	(AB)
F06	26-4	0710	8189	Wed	Russian diplo/intel. 11166 70202 71492 25088 02539	FSK 200/1000	(AB)
F06	26-4	0720	6952	Wed	Russian diplo/intel. 11166 70202 71492 25088 02539	FSK 200/1000	(AB)
F06	26-4	0915	20159	Wed	Russian diplo/intel. 11166 40023 72319 26056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-4	0915	20159	Wed	Russian diplo/intel. 11166 40023 72319 26056 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	26-4	0925	15843	Wed	Russian diplo/intel. 11166 40023 72319 26056 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	26-4	0930	15843	Wed	Russian diplo/intel. 11166 40023 72319 26056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-4	0935	14365	Wed	Russian diplo/intel. 11166 40023 72319 26056 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	26-4	0945	14365	Wed	Russian diplo/intel. 11166 40023 72319 26056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-4	1200	10388	Wed	Russian diplo/intel. 11166 70202 71492 25088 02539	FSK 200/1000	(AB)
F06	26-4	1210	8084	Wed	Russian diplo/intel. 11166 70202 71492 25088 02539	FSK 200/1000	(AB)
F06	26-4	1220	6780	Wed	Russian diplo/intel. 11166 70202 71492 25088 02539	FSK 200/1000	(AB)
F06	27-4	0600	16325	Thu	Russian diplo/intel. 11166 40122 78452 22051 03609	FSK 200/1000	(AB-KOR)
F06	27-4	0610	14724	Thu	Russian diplo/intel. 11166 40122 78452 22051 03609	FSK 200/1000	(AB-KOR)
F06	27-4	0620	12172	Thu	Russian diplo/intel. 11166 40122 78452 22051 03609	FSK 200/1000	(AB-KOR)
F06	27-4	0700	11054	Thu	Russian diplo/intel. 11166 70202 75321 26089 01739 and 11166 70202 65743 26090 01459	FSK 200/1000	(AB)
F06	27-4	0710	8189	Thu	Russian diplo/intel. 11166 70202 75321 26089 01739 and 11166 70202 65743 26090 01459	FSK 200/1000	(AB)
F06	27-4	0720	6952	Thu	Russian diplo/intel. 11166 70202 75321 26089 01739 and 11166 70202 65743 26090 01459	FSK 200/1000	(AB)
F06	27-4	1200	10388	Thu	Russian diplo/intel. 11166 70202 75321 26089 01739 and 11166 70202 65743 26090 01459	FSK 200/1000	(AB)
F06	27-4	1210	8084	Thu	Russian diplo/intel. 11166 70202 75321 26089 01739 and 11166 70202 65743 26090 01459	FSK 200/1000	(AB)
F06	27-4	1220	6780	Thu	Russian diplo/intel. 11166 70202 75321 26089 01739 and 11166 70202 65743 26090 01459	FSK 200/1000	(AB)
F06	27-4	1330	20875	Thu	Russian diplo/intel. 11166 80214 48217 27049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-4	1340	19947	Thu	Russian diplo/intel. 11166 80214 48217 27049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-4	1350	14571	Thu	Russian diplo/intel. 11166 80214 48217 27049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-4	0700	11054	Fri	Russian diplo/intel. 11166 70202 73512 28072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-4	0710	8189	Fri	Russian diplo/intel. 11166 70202 73512 28072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-4	0720	6952	Fri	Russian diplo/intel. 11166 70202 73512 28072 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-4	1400	10687	Sat	Russian diplo/intel. 11100 00000 95842 28074 02399	FSK 100/1000	(AB)
F06	29-4	1410	7992	Sat	Russian diplo/intel. 11100 00000 95842 28074 02399	FSK 100/1000	(AB-RUS)
F06	29-4	1420	5913	Sat	Russian diplo/intel. 11100 00000 95842 28074 02399	FSK 100/1000	(AB-RUS)
F06	30-4	1030	12167	Sun	Russian diplo/intel. 11100 00000 95842 28074 02399	FSK 200/1000	(AB)
F06	30-4	1040	9937	Sun	Russian diplo/intel. 11100 00000 95842 28074 02399	FSK 200/1000	(AB)
F06	30-4	1050	7526	Sun	Russian diplo/intel. 11100 00000 95842 28074 02399	FSK 200/1000	(AB)
F06	30-4	1530	22877	Sun	Russian diplo/intel. 11166 10053 64217 30032 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	30-4	1540	20947	Sun	Russian diplo/intel. 11166 10053 64217 30032 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	30-4	1550	15893	Sun	Russian diplo/intel. 11166 10053 64217 30032 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)

F06a	1-4	2100	17529	Sat	Russian diplo/intel. File 04465 (binary contents)	FSK 200/1000	(AB-POL)
F06a	1-4	2115	13925	Sat	Russian diplo/intel. File 04465 (binary contents)	FSK 200/1000	(AB-POL/RL)
F06a	1-4	2130	11523	Sat	Russian diplo/intel. File 04465 (binary contents)	FSK 200/1000	(AB-POL)
F06a	2-4	2100	17529	Sun	Russian diplo/intel. File 04465 (binary contents)	FSK 200/1000	(AB-POL/RL)
F06a	2-4	2115	13925	Sun	Russian diplo/intel. File 04465 (binary contents)	FSK 200/1000	(AB-POL/RL)
F06a	2-4	2130	11523	Sun	Russian diplo/intel. File 04465 (binary contents)	FSK 200/1000	(AB-POL)
F06a	6-4	0400	5145	Thu	Russian diplo/intel. File 44473 (binary contents)	FSK 200/1000	(PY)
F06a	6-4	0415	3829	Thu	Russian diplo/intel. File 44473 (binary contents)	FSK 200/1000	(PY)
F06a	6-4	0430	6976	Thu	Russian diplo/intel. File 44473 (binary contents)	FSK 200/1000	(PY)
F06a	7-4	0400	5145	Fri	Russian diplo/intel. File 44473 (binary contents)	FSK 200/1000	(AB)
F06a	7-4	0415	3829	Fri	Russian diplo/intel. File 44473 (binary contents)	FSK 200/1000	(AB)
F06a	7-4	0430	6976	Fri	Russian diplo/intel. File 44473 (binary contents)	FSK 200/1000	(AB)
F06a	8-4	2100	17529	Sat	Russian diplo/intel. File 04466 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	8-4	2115	13925	Sat	Russian diplo/intel. File 04466 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	8-4	2130	11523	Sat	Russian diplo/intel. File 04466 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	9-4	2100	17529	Sun	Russian diplo/intel. File 04466 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	9-4	2115	13925	Sun	Russian diplo/intel. File 04466 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	9-4	2130	11523	Sun	Russian diplo/intel. File 04466 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	13-4	0400	5089	Thu	Russian diplo/intel. File 44474 (binary contents)	FSK 200/1000	(PY)
F06a	13-4	0415	5785	Thu	Russian diplo/intel. File 44474 (binary contents)	FSK 200/1000	(Subilo)
F06a	13-4	0430	6976	Thu	Russian diplo/intel. File 44474 (binary contents)	FSK 200/1000	(AB/PY)
F06a	14-4	0400	5089	Fri	Russian diplo/intel. File 44474 (binary contents)	FSK 200/1000	(AB)
F06a	14-4	0415	5785	Fri	Russian diplo/intel. File 44474 (binary contents)	FSK 200/1000	(AB)
F06a	14-4	0430	6976	Fri	Russian diplo/intel. File 44474 (binary contents)	FSK 200/1000	(AB)
F06a	15-4	2100	17529	Sat	Russian diplo/intel. File 04467 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	15-4	2115	13925	Sat	Russian diplo/intel. File 04467 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	15-4	2130	11523	Sat	Russian diplo/intel. File 04467 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	16-4	2100	17529	Sun	Russian diplo/intel. File 04467 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	16-4	2115	13925	Sun	Russian diplo/intel. File 04467 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	16-4	2130	11523	Sun	Russian diplo/intel. File 04467 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	20-4	0400	5089	Thu	Russian diplo/intel. File 44475 (binary contents)	FSK 200/1000	(PY)
F06a	20-4	0415	5785	Thu	Russian diplo/intel. File 44475 (binary contents)	FSK 200/1000	(Subilo)
F06a	20-4	0430	6976	Thu	Russian diplo/intel. File 44475 (binary contents)	FSK 200/1000	(AB/PY)
F06a	20-4	1620	10755	Thu	Russian diplo/intel. Text file, 5LG telegram partly unreadable 11100 4014...	FSK 200/1000	(PY)
F06a	21-4	0400	5089	Fri	Russian diplo/intel. File 44475 (binary contents)	FSK 200/1000	(AB)
F06a	21-4	0415	5785	Fri	Russian diplo/intel. File 44475 (binary contents)	FSK 200/1000	(AB)
F06a	21-4	0430	6976	Fri	Russian diplo/intel. File 44475 (binary contents)	FSK 200/1000	(AB)
F06a	22-4	2100	17529	Sat	Russian diplo/intel. File 04468 (binary contents)	FSK 200/1000	(AB-RUS/RL)
F06a	22-4	2115	13925	Sat	Russian diplo/intel. File 04468 (binary contents)	FSK 200/1000	(AB-RUS/RL)
F06a	22-4	2130	11523	Sat	Russian diplo/intel. File 04468 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	23-4	2100	17529	Sun	Russian diplo/intel. File 04468 (binary contents)	FSK 200/1000	(AB-POL)
F06a	23-4	2115	13925	Sun	Russian diplo/intel. File 04468 (binary contents)	FSK 200/1000	(AB-POL)

F06a	23-4	2130	11523	Sun	Russian diplo/intel. File 04468 (binary contents)	FSK 200/1000	(AB-POL)
F06a	24-4	0810	12219	Mon	Russian diplo/intel. File 00173~1.TXT (2109 bytes), 5LG telegram	FSK 200/1000	(PY)
F06a	24-4	0820	14652	Mon	Russian diplo/intel	FSK 200/1000	(PY)
F06a	27-4	0400	5089	Thu	Russian diplo/intel. File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	27-4	0415	5785	Thu	Russian diplo/intel. File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	27-4	0430	6976	Thu	Russian diplo/intel. File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	28-4	0400	5089	Fri	Russian diplo/intel. File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	28-4	0415	5785	Fri	Russian diplo/intel. File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	28-4	0430	6976	Fri	Russian diplo/intel. File 44476 (binary contents)	FSK 200/1000	(AB)
F06a	29-4	2100	17529	Sat	Russian diplo/intel. File 04469 (binary contents)	FSK 200/1000	(AB-BLR)
F06a	29-4	2115	13925	Sat	Russian diplo/intel. File 04469 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	29-4	2130	11523	Sat	Russian diplo/intel. File 04469 (binary contents)	FSK 200/1000	(AB-CYP)
F06a	30-4	2100	17529	Sun	Russian diplo/intel. File 04469 (binary contents)	FSK 200/1000	(AB-POL)
F06a	30-4	2115	13925	Sun	Russian diplo/intel. File 04469 (binary contents)	FSK 200/1000	(AB-POL)
F06a	30-4	2130	11523	Sun	Russian diplo/intel. File 04469 (binary contents)	FSK 200/1000	(AB-POL)
F07	2-4	0700	24527	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0710	23158	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0720	22866	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0730	21875	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0740	20649	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0750	19319	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0800	24381	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0810	23137	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0820	22875	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0830	21894	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0840	20752	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0850	19601	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0900	24427	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0910	23124	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0920	22886	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0930	21873	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0940	20458	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	0950	19111	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1000	20494	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1010	19181	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1020	17441	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1030	16259	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1040	15834	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1050	14574	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1100	18447	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1110	16104	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1120	15863	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)

F07	2-4	1130	14706	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1140	13404	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1150	10921	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1200	16293	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1210	15872	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1220	14754	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1230	13392	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1240	11439	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1250	10358	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1300	15874	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1310	14383	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1320	13441	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1330	12158	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1340	11544	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1350	10394	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1400	13887	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1410	13372	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1420	12187	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1430	11021	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1440	10237	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1450	9307	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1500	12173	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1510	11544	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1520	10351	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1530	9397	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1540	9109	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	2-4	1550	8174	Sun	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	4-4	2000	14541	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	4-4	2010	13526	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	4-4	2020	12214	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	4-4	2030	11476	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	4-4	2040	10283	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	4-4	2050	9367	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	6-4	2000	14541	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	6-4	2010	13526	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	6-4	2020	12214	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	6-4	2030	11476	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	6-4	2040	10283	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	6-4	2050	9367	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	11-4	2000	14541	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	11-4	2010	13526	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	11-4	2020	12214	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)

F07	11-4	2030	11476	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	11-4	2040	10283	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	11-4	2050	9367	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	13-4	2000	14541	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	13-4	2010	13526	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	13-4	2020	12214	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	13-4	2030	11476	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	13-4	2040	10283	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	13-4	2050	9367	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	18-4	2000	14541	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	18-4	2010	13526	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	18-4	2020	12214	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	18-4	2030	11476	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	18-4	2040	10283	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	18-4	2050	9367	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	20-4	2000	14541	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	20-4	2010	13526	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	20-4	2020	12214	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	20-4	2030	11476	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	20-4	2040	10283	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	20-4	2050	9367	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	25-4	2000	14541	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	25-4	2010	13526	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	25-4	2020	12214	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	25-4	2030	11476	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	25-4	2040	10283	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	25-4	2050	9367	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	27-4	2000	14541	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	27-4	2010	13526	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	27-4	2020	12214	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	27-4	2030	11476	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	27-4	2040	10283	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	27-4	2050	9367	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
HM01	1-4	1600	11435	Sat	87414 78743 55071 45441 75133 33061 Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT Callsign: QWERTY01	AM/WinDRM	(AB-USA)
HM01	2-4	1600	11435	Sun	87415 78744 55072 45442 75134 33061 Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT Callsign: QWERTY01	AM/WinDRM	(RR2)
HM01	3-4	1557	11435	Mon	Radio Habana Cuba into 87416 78745 55073 45443 75135 33062 Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT Callsign: QWERTY01	AM/WinDRM	(AB-USA)
HM01	3-4	1631	11435	Mon	87416 78745 55073 45443 75135 33062	AM/WinDRM	(RR2)
HM01	4-4	1558	11435	Tue	87417 78746 55074 45444 75136 33063 Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT Callsign: QWERTY01	AM/WinDRM	(AB-USA)

HM01	5-4	1602	11435	Wed	87418 78747 55075 45445 75137 33064 Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT Callsign: QWERTY01	AM/WinDRM	(AB-USA)
HM01	6-4	1735	11530	Thu	87418 78747 55075 45445 75137 33064 Files: 24058741.TXT 71447874.TXT 20435507.TXT 72184544.TXT 32507513.TXT 52323306.TXT Callsign: QWERTY01	AM/WinDRM	(RR2)
HM01	7-4	1600	11435	Fri	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(RR2)
HM01	8-4	0635	14735	Sat	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	8-4	0710	13435	Sat	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB)
HM01	8-4	1600	11435	Sat	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(RR2)
HM01	10-4	1558	11435	Mon	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	11-4	1553	11435	Tue	Radio Habana Cuba. At 1557z into 87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	12-4	1609	11435	Wed	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	13-4	1605	11435	Thu	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	14-4	1613	11435	Fri	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	16-4	0738	9330	Sun	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	16-4	1640	11435	Sun	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	17-4	1638	11435	Mon	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	18-4	1602	11435	Tue	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	19-4	1633	11435	Wed	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	20-4	1604	11435	Thu	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	21-4	1645	11435	Fri	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(RR2)
HM01	23-4	0732	9330	Sun	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	23-4	0732	9330	Sun	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	23-4	1705	11530	Sun	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	23-4	1705	11530	Sun	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	24-4	1627	11435	Mon	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	25-4	1600	11435	Tue	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	26-4	1600	11435	Wed	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	27-4	1604	11435	Thu	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(RR2)
HM01	28-4	1630	11435	Fri	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	29-4	0614	11462	Sat	87418 78747 55075 45445 75137 33064 (repeat of 6 April) Should be on 14375 kHz	AM/WinDRM	(AB)
HM01	29-4	1719	11530	Sat	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
M01	1-4	1500	6260	Sat	463 785 785 30 30 = = 65749 65372 27615 ... 09175 33981 67839 = = 785 785 30 30 000	CW	(AB-FIN)
M01	2-4	0701	6510	Sun	463 309 309 30 30 = = 75894 84762 09164 ... 33652 98165 15362 = = 309 309 30 30 000	CW	(AB)
M01	4-4	1800	5475	Tue	463 513 513 30 30 = = 25613 94815 06318 ... 48504 31365 75318 = = 513 513 30 30 000	CW	(AB/MPJ)
M01	6-4	1800	5475	Thu	463 761 761 30 30 = = 78549 34265 78934 ... 68745 79845 67856 = = 761 761 30 30 000	CW	(AB)
M01	8-4	1500	6260	Sat	463 (R) 3653653030 = = 65767... 43546 = = 3653653030 0..... 0..... 0.....	CW	(AB-FIN)
M01	9-4	0700	6510	Sun	463 879 879 30 30 = = 32435 21324 21321 ... 86908 73521 74860 = = 879 879 30 30 000	CW	(AB-FIN)
M01	11-4	1800	5475	Tue	463 512 512 30 30 = = 79890 67890 56745 ... 68756 6568906 6 = = 512 512 30 30 000	CW	(AB-POL)
M01	11-4	2000	5020	Tue	463 361 361 30 30 = = 67845 78956 35467 ... 78945 80967 56490 361 361 30 30 000	CW	(AB)
M01	13-4	1800	5475	Thu	463 869 869 30 30 = = 86759 58490 40093 ... 30917 10917 17625 = = 869 869 30 30 000	CW	(AB)
M01	16-4	0700	6510	Sun	463 795 795 30 30 = = 25813 49741 94865 ... 64706 395863586 = = 795 795 30 30 000	CW	(AB-FIN)
M01	18-4	1800	5475	Tue	463 322 322 30 30 = = 65803 27180 38017 ... 13094 50890 32221 = = 322 322 30 30 000	CW	(AB-FIN)

M01	20-4	1800	5475	Thu	463 684 684 30 30 = = 75315 90865 28915 ... 62850 95185 75974 = = 684 684 30 30 000 Sent only 29 groups	CW	(AB)
M01	20-4	2000	5020	Thu	463 405 405 30 30 = = 41651 08537 69872 ... 52759 94382 56860 = = 405 405 30 30 000	CW	(AB)
M01	23-4	0700	6510	Sun	463 246 246 30 30 = = 47657 39840 57646 ... 57645 70914 57768 = = 246 246 30 30 000	CW	(AB-POL)
M01	25-4	1800	5475	Tue	463 335 335 30 30 = = 59890 25455 30900 ... 18989 26547 40989 = = 335 335 30 30 000	CW	(AB-FIN)
M01	26-4	2000	5020	Wed	463 408 408 30 30 = = 09898 14233 28767 ... 29878 46765 59900 = = 408 408 30 30 000	CW	(AB)
M01	29-4	1500	6260	Sat	463 (R) 364 364 30 30 = = 65768 32413 54765 ... 53412 54756 76879 997 (?) = = 364 364 30 30 0..... 0..... 0.....	CW	(MPJ)
M01	30-4	0700	6510	Sun	463 746 746 30 30 = = 54657 13243 43212 ... 43546 65768 98709 = = 746 746 30 30 000	CW	(AB-POL)
M12	1-4	1800	11435	Sat	938 938 938 1 7263 73 7263 73 08057 98859 00990 ... 97075 47042 42571 000 000	CW	(AB)
M12	1-4	1820	10598	Sat	938 938 938 1 7263 73 7263 73 08057 98859 00990 ... 97075 47042 42571 000 000	CW	(AB/RL-HOL)
M12	1-4	1840	9327	Sat	938 938 938 1 7263 73 7263 73 08057 98859 00990 ... 97075 47042 42571 000 000	CW	(AB/RL-HOL)
M12	1-4	2100	7575	Sat	511 511 511 1 9726 132 9726 132 82395 80371 29522 ... 07657 36443 04742 000 000	CW	(AB)
M12	1-4	2120	8175	Sat	511 511 511 1 9726 132 9726 132 82395 80371 29522 ... 07657 36443 04742 000 000	CW	(AB/RL)
M12	1-4	2140	9175	Sat	511 511 511 1 9726 132 9726 132 82395 80371 29522 ... 07657 36443 04742 000 000	CW	(AB)
M12	2-4	1600	16321	Sun	387 387 387 1 477 201 477 201 96354 65767 33830 ... 49426 52052 79536 000 000	CW	(AB/MPJ)
M12	2-4	1620	15821	Sun	387 387 387 1 477 201 477 201 96354 65767 33830 ... 49426 52052 79536 000 000	CW	(AB/MPJ)
M12	2-4	1640	14721	Sun	387 387 387 1 477 201 477 201 96354 65767 33830 ... 49426 52052 79536 000 000	CW	(AB/MPJ)
M12	3-4	0010	14837	Mon	891 891 891 1 ...	CW	(HFD-J)
M12	3-4	0030	13937	Mon	891 891 891 1 ...	CW	(HFD-J)
M12	3-4	0050	12137	Mon	891 891 891 1 ...	CW	(HFD)
M12	3-4	1230	12205	Mon	973 973 973 1 9393 60 9393 60 21871 95375 23150 ... 15601 90241 04281 000 000	CW	(AB/RL-HOL)
M12	3-4	1250	13559	Mon	973 973 973 1 9393 60 9393 60 21871 95375 23150 ... 15601 90241 04281 000 000	CW	(AB/RL-HOL)
M12	3-4	1310	14728	Mon	973 973 973 1 9393 60 9393 60 21871 95375 23150 ... 15601 90241 04281 000 000	CW	(AB/RL-HOL)
M12	3-4	1400	20971	Mon	932 932 932 1 240 62 240 62 09146 30896 69743 ... 54337 15492 44251 000 000	CW	(AB)
M12	3-4	1420	20371	Mon	932 932 932 1 240 62 240 62 09146 30896 69743 ... 54337 15492 44251 000 000	CW	(AB)
M12	3-4	1440	19271	Mon	932 932 932 1 240 62 240 62 09146 30896 69743 ... 54337 15492 44251 000 000	CW	(AB)
M12	3-4	2000	12139	Mon	234 234 234 1 8198 127 8198 127 90146 31156 59550 ... 04572 26566 33672 000 000	CW	(AB/RL)
M12	3-4	2020	11139	Mon	234 234 234 1 8198 127 8198 127 90146 31156 59550 ... 04572 26566 33672 000 000	CW	(AB/RL)
M12	3-4	2040	10239	Mon	234 234 234 1 8198 127 8198 127 90146 31156 59550 ... 04572 26566 33672 000 000	CW	(AB/RL)
M12	4-4	0300	18767	Tue	742 742 742 1 622 140 622 140 99829 38971 30881 ... 83686 66967 84790 000 000	CW	(PY)
M12	4-4	0340	16267	Tue	742 742 742 1 622 140 622 140 99829 38971 30881 ... 83686 66967 84790 000 000	CW	(PY)
M12	4-4	0800	13391	Tue	387 387 387 000	CW	(AB)
M12	4-4	0820	13891	Tue	387 387 387 000	CW	(AB)
M12	5-4	1600	16321	Wed	387 387 387 000	CW	(AB/MPJ)
M12	5-4	1620	15821	Wed	387 387 387 000	CW	(AB/MPJ)
M12	5-4	1900	13564	Wed	511 511 511 1 548 159 548 159 34987 74375 57648 ... 43223 92769 47043 000 000	CW	(AB)
M12	5-4	1920	12164	Wed	511 511 511 1 548 159 548 159 34987 74375 57648 ... 43223 92769 47043 000 000	CW	(AB)
M12	5-4	1940	11164	Wed	511 511 511 1 548 159 548 159 34987 74375 57648 ... 43223 92769 47043 000 000	CW	(AB)
M12	6-4	1110	13386	Thu	725 725 725 1 1873 90 1873 90 39336 46528 10048 ... 81422 83866 47130 000 000	CW	(AB)
M12	6-4	1130	12189	Thu	725 725 725 1 1873 90 1873 90 39336 46528 10048 ... 81422 83866 47130 000 000	CW	(AB)
M12	6-4	1150	11491	Thu	725 725 725 1 1873 90 1873 90 39336 46528 10048 ... 81422 83866 47130 000 000	CW	(AB)

M12	6-4	1400	20971	Thu	932 932 932 1 240 62 240 62 09146 30896 69743 ... 54337 15492 44251 000 000	CW	(AB)
M12	6-4	1420	20371	Thu	932 932 932 1 240 62 240 62 09146 30896 69743 ... 54337 15492 44251 000 000	CW	(AB)
M12	6-4	1440	19271	Thu	932 932 932 1 240 62 240 62 09146 30896 69743 ... 54337 15492 44251 000 000	CW	(AB)
M12	6-4	2000	12139	Thu	234 234 234 1 8198 127 8198 127 90146 31156 59550 ... 04572 26566 33672 000 000	CW	(AB)
M12	6-4	2020	11139	Thu	234 234 234 1 8198 127 8198 127 90146 31156 59550 ... 04572 26566 33672 000 000	CW	(AB)
M12	6-4	2040	10239	Thu	234 234 234 1 8198 127 8198 127 90146 31156 59550 ... 04572 26566 33672 000 000	CW	(AB)
M12	7-4	0030	6854	Fri	813 813 813 1 468 206 468 206 78513 94996 73234 ... 34200 98901 19764 000 000	CW	(AB/HFD)
M12	7-4	0050	8154	Fri	813 813 813 1 468 206 468 206 78513 94996 73234 ... 34200 98901 19764 000 000	CW	(AB/HFD)
M12	7-4	0110	9354	Fri	813 813 813 1 468 206 468 206 78513 94996 73234 ... 34200 98901 19764 000 000	CW	(AB/HFD)
M12	7-4	0800	13391	Fri	387 387 387 000	CW	(AB/HFD)
M12	7-4	0820	13891	Fri	387 387 387 000	CW	(AB/HFD)
M12	7-4	1900	13564	Fri	511 511 511 1 548 159 548 159 34987 74375 57648 ... 43223 92769 47043 000 000	CW	(AB/HFD)
M12	7-4	1920	12164	Fri	511 511 511 1 548 159 548 159 34987 74375 57648 ... 43223 92769 47043 000 000	CW	(AB/HFD)
M12	7-4	1940	11164	Fri	511 511 511 1 548 159 548 159 34987 74375 57648 ... 43223 92769 47043 000 000	CW	(AB/HFD)
M12	7-4	2100	7575	Fri	511 511 511 1 9726 132 9726 132 82395 80371 29522 ... 07657 36443 04742 000 000	CW	(AB/HFD)
M12	7-4	2120	8175	Fri	511 511 511 1 9726 132 9726 132 82395 80371 29522 ... 07657 36443 04742 000 000	CW	(AB/HFD)
M12	7-4	2140	9175	Fri	511 511 511 1 9726 132 9726 132 82395 80371 29522 ... 07657 36443 04742 000 000	CW	(AB/HFD)
M12	8-4	1800	11435	Sat	938 938 938 1 2624 72 2624 72 80428 80261 54212 ... 56102 90194 35938 000 000	CW	(AB)
M12	8-4	1820	10598	Sat	938 938 938 1 2624 72 2624 72 80428 80261 54212 ... 56102 90194 35938 000 000	CW	(AB)
M12	8-4	1840	9327	Sat	938 938 938 1 2624 72 2624 72 80428 80261 54212 ... 56102 90194 35938 000 000	CW	(AB)
M12	8-4	2100	7575	Sat	511 511 511 1 9726 132 9726 132 82395 80371 29522 ... 07657 36443 04742 000 000	CW	(AB)
M12	8-4	2120	8175	Sat	511 511 511 1 9726 132 9726 132 82395 80371 29522 ... 07657 36443 04742 000 000	CW	(AB)
M12	8-4	2140	9175	Sat	511 511 511 1 9726 132 9726 132 82395 80371 29522 ... 07657 36443 04742 000 000	CW	(AB)
M12	9-4	1600	16321	Sun	387 387 387 000	CW	(AB/MPJ)
M12	9-4	1620	15821	Sun	387 387 387 000	CW	(AB/MPJ)
M12	10-4	1230	12205	Mon	973 973 973 1 7160 63 7160 63 19706 35793 83747 ... 72989 25432 12507 000 000	CW	(AB)
M12	10-4	1250	13559	Mon	973 973 973 1 7160 63 7160 63 19706 35793 83747 ... 72989 25432 12507 000 000	CW	(AB/MPJ)
M12	10-4	1310	14728	Mon	973 973 973 1 7160 63 7160 63 19706 35793 83747 ... 72989 25432 12507 000 000	CW	(AB/MPJ)
M12	10-4	1400	20971	Mon	932 932 932 000	CW	(AB/RL)
M12	10-4	1420	20371	Mon	932 932 932 000	CW	(AB/RL)
M12	10-4	2000	12139	Mon	234 234 234 1 9971 163 9971 163 84208 53235 08276 ... 38623 11313 85983 000 000	CW	(AB/RL)
M12	10-4	2020	11139	Mon	234 234 234 1 9971 163 9971 163 84208 53235 08276 ... 38623 11313 85983 000 000	CW	(AB/RL)
M12	10-4	2040	10239	Mon	234 234 234 1 9971 163 9971 163 84208 53235 08276 ... 38623 11313 85983 000 000	CW	(AB/RL)
M12	11-4	0030	6854	Tue	813 813 813 1 563 144 563 144 09070 01948 09210 ... 74388 95147 80513 000 000	CW	(AB)
M12	11-4	0050	8154	Tue	813 813 813 1 563 144 563 144 09070 01948 09210 ... 74388 95147 80513 000 000	CW	(AB)
M12	11-4	0110	9354	Tue	813 813 813 1 563 144 563 144 09070 01948 09210 ... 74388 95147 80513 000 000	CW	(AB)
M12	11-4	0800	13391	Tue	387 387 387 000	CW	(AB)
M12	11-4	0820	13891	Tue	387 387 387 000	CW	(AB)
M12	12-4	1600	16321	Wed	387 387 387 1 6823 232 6823 232 23110 77393 97029 ... 92307 23789 47323 000 000	CW	(AB)
M12	12-4	1620	15821	Wed	387 387 387 1 6823 232 6823 232 23110 77393 97029 ... 92307 23789 47323 000 000	CW	(AB)
M12	12-4	1640	14721	Wed	387 387 387 1 6823 232 6823 232 23110 77393 97029 ... 92307 23789 47323 000 000	CW	(AB)
M12	12-4	1900	13564	Wed	511 511 511 1 7211 171 7211 171 80119 25585 79322 ... 35853 58538 60902 000 000	CW	(AB)

M12	12-4	1920	12164	Wed	511 511 511 1 7211 171 7211 171 80119 25585 79322 ... 35853 58538 60902 000 000	CW	(AB)
M12	12-4	1940	11164	Wed	511 511 511 1 7211 171 7211 171 80119 25585 79322 ... 35853 58538 60902 000 000	CW	(AB)
M12	13-4	1110	13386	Thu	725 725 725 1 1266 90 1266 90 30905 26221 00399 ... 02293 86514 53221 000 000	CW	(AB)
M12	13-4	1130	12189	Thu	725 725 725 1 1266 90 1266 90 30905 26221 00399 ... 02293 86514 53221 000 000	CW	(AB)
M12	13-4	1150	11491	Thu	725 725 725 1 1266 90 1266 90 30905 26221 00399 ... 02293 86514 53221 000 000	CW	(AB)
M12	13-4	1400	20971	Thu	932 932 932 000	CW	(AB/RL)
M12	13-4	1420	20371	Thu	932 932 932 000	CW	(AB/RL)
M12	13-4	2000	12139	Thu	234 234 234 1 9971 163 9971 163 84208 53235 08276 ... 38623 11313 85983 000 000	CW	(AB/RL)
M12	13-4	2020	11139	Thu	234 234 234 1 9971 163 9971 163 84208 53235 08276 ... 38623 11313 85983 000 000	CW	(AB/RL)
M12	13-4	2040	10239	Thu	234 234 234 1 9971 163 9971 163 84208 53235 08276 ... 38623 11313 85983 000 000	CW	(AB/RL)
M12	14-4	0030	6854	Fri	813 813 813 1 563 144 563 144 09070 01948 09210 ... 74388 95147 80513 000 000	CW	(AB)
M12	14-4	0050	8154	Fri	813 813 813 1 563 144 563 144 09070 01948 09210 ... 74388 95147 80513 000 000	CW	(AB)
M12	14-4	0110	9354	Fri	813 813 813 1 563 144 563 144 09070 01948 09210 ... 74388 95147 80513 000 000	CW	(AB)
M12	14-4	0800	13391	Fri	387 387 387 000	CW	(AB)
M12	14-4	0820	13891	Fri	387 387 387 000	CW	(AB)
M12	14-4	1900	13564	Fri	511 511 511 1 7211 171 7211 171 80119 25585 79322 ... 35853 58538 60902 000 000	CW	(AB)
M12	14-4	1920	12164	Fri	511 511 511 1 7211 171 7211 171 80119 25585 79322 ... 35853 58538 60902 000 000	CW	(AB)
M12	14-4	1940	11164	Fri	511 511 511 1 7211 171 7211 171 80119 25585 79322 ... 35853 58538 60902 000 000	CW	(AB)
M12	14-4	2100	7575	Fri	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB)
M12	14-4	2120	8175	Fri	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB)
M12	14-4	2140	9175	Fri	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB)
M12	15-4	1800	11435	Sat	938 938 938 1 6304 75 6304 75 19547 50322 44192 ... 27506 10622 07685 000 000	CW	(AB)
M12	15-4	1820	10598	Sat	938 938 938 1 6304 75 6304 75 19547 50322 44192 ... 27506 10622 07685 000 000	CW	(AB)
M12	15-4	1840	9327	Sat	938 938 938 1 6304 75 6304 75 19547 50322 44192 ... 27506 10622 07685 000 000	CW	(AB)
M12	15-4	2100	7575	Sat	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB)
M12	15-4	2120	8175	Sat	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB)
M12	15-4	2140	9175	Sat	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB)
M12	16-4	1600	16321	Sun	387 387 387 1 6823 232 6823 232 23110 77393 97029 ... 92307 23789 47323 000 000	CW	(AB/MPJ)
M12	16-4	1620	15821	Sun	387 387 387 1 6823 232 6823 232 23110 77393 97029 ... 92307 23789 47323 000 000	CW	(AB/MPJ)
M12	16-4	1640	14721	Sun	387 387 387 1 6823 232 6823 232 23110 77393 97029 ... 92307 23789 47323 000 000	CW	(AB/MPJ)
M12	17-4	1400	20971	Mon	932 932 932 1 8431 74 8431 74 99710 93275 89456 ... 86752 03468 31786 000 000	CW	(AB/MPJ)
M12	17-4	1420	20371	Mon	932 932 932 1 8431 74 8431 74 99710 93275 89456 ... 86752 03468 31786 000 000	CW	(AB/MPJ)
M12	17-4	1440	19271	Mon	932 932 932 1 8431 74 8431 74 99710 93275 89456 ... 86752 03468 31786 000 000	CW	(AB/MPJ)
M12	17-4	2000	12139	Mon	234 234 234 000	CW	(AB)
M12	17-4	2020	11139	Mon	234 234 234 000	CW	(AB)
M12	18-4	0030	6854	Tue	813 813 813 1 406 192 406 192 28189 80313 68805 ... 07227 77560 30272 000 000	CW	(AB)
M12	18-4	0050	8154	Tue	813 813 813 1 406 192 406 192 28189 80313 68805 ... 07227 77560 30272 000 000	CW	(AB)
M12	18-4	0110	9354	Tue	813 813 813 1 406 192 406 192 28189 80313 68805 ... 07227 77560 30272 000 000	CW	(AB)
M12	18-4	0800	13391	Tue	387 387 387 000	CW	(AB)
M12	18-4	0820	13891	Tue	387 387 387 000	CW	(AB)
M12	19-4	0600	11468	Wed	413 413 413 1 574 79 574 79 32470 41773 23623 ... 55482 66804 82796 000 000	CW	(PY/AVX)
M12	19-4	0620	12168	Wed	413 413 413 1 574 79 574 79 32470 41773 23623 ... 55482 66804 82796 000 000	CW	(Vsh/AVX)

M12	19-4	0640	13368	Wed	413 413 413 1 574 79 574 79 32470 41773 23623 ... 55482 66804 82796 000 000	CW	(PY/AVX)
M12	19-4	1600	16321	Wed	387 387 387 1 168 214 168 214 86235 38404 93251 ... 93650 62620 49410 000 000	CW	(AB)
M12	19-4	1620	15821	Wed	387 387 387 1 168 214 168 214 86235 38404 93251 ... 93650 62620 49410 000 000	CW	(AB)
M12	19-4	1640	14721	Wed	387 387 387 1 168 214 168 214 86235 38404 93251 ... 93650 62620 49410 000 000	CW	(AB)
M12	19-4	1900	13564	Wed	511 511 511 000	CW	(AB)
M12	19-4	1920	12164	Wed	511 511 511 000	CW	(AB)
M12	20-4	1110	13386	Thu	725 725 725 1 5142 98 5142 98 05040 64684 42023 ... 42280 77944 81001 000 000	CW	(AB)
M12	20-4	1130	12189	Thu	725 725 725 1 5142 98 5142 98 05040 64684 42023 ... 42280 77944 81001 000 000	CW	(AB)
M12	20-4	1150	11491	Thu	725 725 725 1 5142 98 5142 98 05040 64684 42023 ... 42280 77944 81001 000 000	CW	(AB)
M12	20-4	1400	20971	Thu	932 932 932 1 8431 74 8431 74 99710 93275 89456 ... 86752 03468 31786 000 000	CW	(AB)
M12	20-4	1420	20371	Thu	932 932 932 1 8431 74 8431 74 99710 93275 89456 ... 86752 03468 31786 000 000	CW	(AB)
M12	20-4	1440	19271	Thu	932 932 932 1 8431 74 8431 74 99710 93275 89456 ... 86752 03468 31786 000 000	CW	(AB)
M12	20-4	2000	12139	Thu	234 234 234 000	CW	(AB)
M12	20-4	2020	11139	Thu	234 234 234 000	CW	(AB)
M12	21-4	0030	6854	Fri	813 813 813 1 406 192 406 192 28189 80313 68805 ... 07227 77560 30272 000 000	CW	(AB)
M12	21-4	0050	8154	Fri	813 813 813 1 406 192 406 192 28189 80313 68805 ... 07227 77560 30272 000 000	CW	(AB)
M12	21-4	0110	9354	Fri	813 813 813 1 406 192 406 192 28189 80313 68805 ... 07227 77560 30272 000 000	CW	(AB)
M12	21-4	0800	13391	Fri	387 387 387 000	CW	(AB)
M12	21-4	0820	13891	Fri	387 387 387 000	CW	(AB)
M12	21-4	1900	13564	Fri	511 511 511 000	CW	(AB)
M12	21-4	1920	12164	Fri	511 511 511 000	CW	(AB)
M12	21-4	2100	7575	Fri	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB)
M12	21-4	2120	8175	Fri	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB)
M12	21-4	2140	9175	Fri	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB)
M12	22-4	0600	11468	Sat	413 413 413 1 574 79 574 79 32470 41773 23623 ... 55482 66804 82796 000 000	CW	(AB)
M12	22-4	0620	12168	Sat	413 413 413 1 574 79 574 79 32470 41773 23623 ... 55482 66804 82796 000 000	CW	(AB)
M12	22-4	0640	13368	Sat	413 413 413 1 574 79 574 79 32470 41773 23623 ... 55482 66804 82796 000 000	CW	(AB)
M12	22-4	1800	11435	Sat	938 938 938 1 2657 70 2657 70 71983 39179 28049 ... 02938 69066 37883 000 000	CW	(AB)
M12	22-4	1820	10598	Sat	938 938 938 1 2657 70 2657 70 71983 39179 28049 ... 02938 69066 37883 000 000	CW	(AB)
M12	22-4	1840	9327	Sat	938 938 938 1 2657 70 2657 70 71983 39179 28049 ... 02938 69066 37883 000 000	CW	(AB)
M12	22-4	2100	7575	Sat	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB)
M12	22-4	2120	8175	Sat	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB)
M12	22-4	2140	9175	Sat	511 511 511 1 567 150 567 150 69499 98282 30597 ... 72441 70261 98202 000 000	CW	(AB/RL)
M12	23-4	1600	16321	Sun	387 387 387 1 168 214 168 214 86235 38404 93251 ... 93650 62620 49410 000 000	CW	(AB/MPJ)
M12	23-4	1620	15821	Sun	387 387 387 1 168 214 168 214 86235 38404 93251 ... 93650 62620 49410 000 000	CW	(AB/MPJ)
M12	23-4	1640	14721	Sun	387 387 387 1 168 214 168 214 86235 38404 93251 ... 93650 62620 49410 000 000	CW	(AB/MPJ)
M12	24-4	1400	20971	Mon	932 932 932 000	CW	(AB/MPJ)
M12	24-4	1420	20371	Mon	932 932 932 000	CW	(AB/MPJ)
M12	24-4	2000	12139	Mon	234 234 234 1 184 115 184 115 15465 45619 05840 ... 46640 41030 75916 000 000	CW	(AB/RL)
M12	24-4	2020	11139	Mon	234 234 234 1 184 115 184 115 15465 45619 05840 ... 46640 41030 75916 000 000	CW	(AB/RL)
M12	24-4	2040	10239	Mon	234 234 234 1 184 115 184 115 15465 45619 05840 ... 46640 41030 75916 000 000	CW	(AB/RL)
M12	25-4	0030	6854	Tue	813 813 813 1 7601 108 7601 108 ...	CW	(AB)

M12	25-4	0800	13391	Tue	387 387 387 000	CW	(AB)
M12	25-4	0820	13891	Tue	387 387 387 000	CW	(AB)
M12	26-4	0600	11468	Wed	413 413 413 1 545 87 545 87 91965 00233 97835 ... 16428 53722 06638 000 000	CW	(AB)
M12	26-4	0620	12168	Wed	413 413 413 1 545 87 545 87 91965 00233 97835 ... 16428 53722 06638 000 000	CW	(AB)
M12	26-4	0640	13368	Wed	413 413 413 1 545 87 545 87 91965 00233 97835 ... 16428 53722 06638 000 000	CW	(AB)
M12	26-4	1600	16321	Wed	387 387 387 1 1069 218 1069 218 97128 80679 17516 ... 08469 43970 76348 000 000	CW	(AB)
M12	26-4	1620	15821	Wed	387 387 387 1 1069 218 1069 218 97128 80679 17516 ... 08469 43970 76348 000 000	CW	(AB)
M12	26-4	1640	14721	Wed	387 387 387 1 1069 218 1069 218 97128 80679 17516 ... 08469 43970 76348 000 000	CW	(AB)
M12	26-4	1900	13564	Wed	511 511 511 1 130 131 130 131 92417 02442 08839 ... 10837 39191 85945 000 000	CW	(AB)
M12	26-4	1920	12164	Wed	511 511 511 1 130 131 130 131 92417 02442 08839 ... 10837 39191 85945 000 000	CW	(AB)
M12	26-4	1940	11164	Wed	511 511 511 1 130 131 130 131 92417 02442 08839 ... 10837 39191 85945 000 000	CW	(AB)
M12	27-4	1110	13386	Thu	725 725 725 1 7898 96 7898 96 03890 22462 81924 ... 84631 12263 86154 000 000	CW	(AB)
M12	27-4	1130	12189	Thu	725 725 725 1 7898 96 7898 96 03890 22462 81924 ... 84631 12263 86154 000 000	CW	(AB)
M12	27-4	1150	11491	Thu	725 725 725 1 7898 96 7898 96 03890 22462 81924 ... 84631 12263 86154 000 000	CW	(AB)
M12	27-4	2000	12139	Thu	234 234 234 1 184 115 184 115 15465 45619 05840 ... 46640 41030 75916 000 000	CW	(AB)
M12	27-4	2020	11139	Thu	234 234 234 1 184 115 184 115 15465 45619 05840 ... 46640 41030 75916 000 000	CW	(AB)
M12	27-4	2040	10239	Thu	234 234 234 1 184 115 184 115 15465 45619 05840 ... 46640 41030 75916 000 000	CW	(AB)
M12	28-4	0030	6854	Fri	813 813 813 1 7601 108 7601 108 ...	CW	(AB)
M12	28-4	0050	8154	Fri	813 813 813 1 7601 108 7601 108 ...	CW	(AB)
M12	28-4	0110	9354	Fri	813 813 813 1 7601 108 7601 108 ...	CW	(AB)
M12	28-4	0800	13391	Fri	387 387 387 000	CW	(AB)
M12	28-4	0820	13891	Fri	387 387 387 000	CW	(AB)
M12	28-4	1900	13564	Fri	511 511 511 1 130 131 130 131 92417 02442 08839 ... 10837 39191 85945 000 000	CW	(AB)
M12	28-4	1920	12164	Fri	511 511 511 1 130 131 130 131 92417 02442 08839 ... 10837 39191 85945 000 000	CW	(AB)
M12	28-4	1940	11164	Fri	511 511 511 1 130 131 130 131 92417 02442 08839 ... 10837 39191 85945 000 000	CW	(AB)
M12	28-4	2100	7575	Fri	511 511 511 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB)
M12	28-4	2120	8175	Fri	511 511 511 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB)
M12	28-4	2140	9175	Fri	511 511 511 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB)
M12	29-4	0600	11468	Sat	413 413 413 1 545 87 545 87 91965 00233 97835 ... 16428 53722 06638 000 000	CW	(AB)
M12	29-4	0620	12168	Sat	413 413 413 1 545 87 545 87 91965 00233 97835 ... 16428 53722 06638 000 000	CW	(AB)
M12	29-4	0640	13368	Sat	413 413 413 1 545 87 545 87 91965 00233 97835 ... 16428 53722 06638 000 000	CW	(AB)
M12	29-4	1800	11435	Sat	938 938 938 1 2309 70 2309 70 07075 68834 09130 ... 01094 88655 50032 000 000	CW	(AB)
M12	29-4	1820	10598	Sat	938 938 938 1 2309 70 2309 70 07075 68834 09130 ... 01094 88655 50032 000 000	CW	(AB)
M12	29-4	1840	9327	Sat	938 938 938 1 2309 70 2309 70 07075 68834 09130 ... 01094 88655 50032 000 000	CW	(AB)
M12	29-4	2100	7575	Sat	511 511 511 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB)
M12	29-4	2120	8175	Sat	511 511 511 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB)
M12	29-4	2140	9175	Sat	511 511 511 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB)
M12	30-4	1600	16321	Sun	387 387 387 1 1069 218 1069 218 97128 80679 17516 ... 08469 43970 76348 000 000	CW	(AB/MPJ)
M12	30-4	1620	15821	Sun	387 387 387 1 1069 218 1069 218 97128 80679 17516 ... 08469 43970 76348 000 000	CW	(AB/MPJ)
M12	30-4	1640	14721	Sun	387 387 387 1 1069 218 1069 218 97128 80679 17516 ... 08469 43970 76348 000 000	CW	(AB/MPJ)
M14	3-4	0500	12211	Mon	952 613 613 52 52 = = 14014 45383 83380 ... 67341 90745 94077 = = 613 613 52 52 00000	CW	(AB-J)
M14	3-4	0520	10243	Mon	952 613 613 52 52 = = 14014 45383 83380 ... 67341 90745 94077 = = 613 613 52 52 00000	CW	(AB-J)

M14	4-4	0500	12211	Tue	952 784 784 51 51 = = 63498 40717 19057 ... 71312 01310 80016 = = 784 784 51 51 00000	CW	(AB-J)
M14	4-4	0520	10243	Tue	952 784 784 51 51 = = 63498 40717 19057 ... 71312 01310 80016 = = 784 784 51 51 00000	CW	(AB-J)
M14	5-4	0500	12211	Wed	952 360 360 51 51 = = 21747 02506 87477 ... 02382 46057 63709 = = 360 360 51 51 00000	CW	(AB-J)
M14	5-4	0520	10243	Wed	952 360 360 51 51 = = 21747 02506 87477 ... 02382 46057 63709 = = 360 360 51 51 00000	CW	(AB-J)
M14	6-4	0500	12211	Thu	952 184 184 53 53 = = 00463 17266 02278 ... 09172 61028 22550 = = 184 184 53 53 00000	CW	(AB-J)
M14	6-4	0520	10243	Thu	952 184 184 53 53 = = 00463 17266 02278 ... 09172 61028 22550 = = 184 184 53 53 00000	CW	(AB-J)
M14	7-4	0500	12211	Fri	952 706 706 51 51 = = 55756 23667 64104 ... 03675 16934 25776 = = 706 706 51 51 00000	CW	(AB-J)
M14	7-4	0520	10243	Fri	952 706 706 51 51 = = 55756 23667 64104 ... 03675 16934 25776 = = 706 706 51 51 00000	CW	(AB-J)
M14	10-4	0500	12211	Mon	952 843 843 51 51 = = 97496 51428 33166 ... 42806 19237 92972 = = 843 803 51 51 00000	CW	(AB-J)
M14	10-4	0520	10243	Mon	952 843 843 51 51 = = 97496 51428 33166 ... 42806 19237 92972 = = 843 803 51 51 00000	CW	(AB-J)
M14	10-4	0930	17458	Mon	617 617 617 00000	CW	(AB)
M14	11-4	0500	12211	Tue	952 176 176 52 52 = = 37574 72588 73966 ... 33901 76647 09627 = = 176 176 52 52 00000	CW	(AB-J)
M14	11-4	0520	10243	Tue	952 176 176 52 52 = = 37574 72588 73966 ... 33901 76647 09627 = = 176 176 52 52 00000	CW	(AB-J)
M14	12-4	0500	12211	Wed	952 308 308 52 52 = = 51864 09434 72204 ... 42863 66127 85867 = = 308 308 52 52 00000	CW	(AB-J)
M14	12-4	0520	10243	Wed	952 308 308 52 52 = = 51864 09434 72204 ... 42863 66127 85867 = = 308 308 52 52 00000	CW	(AB-J)
M14	13-4	0500	12211	Thu	952 146 146 52 52 = = 68822 85312 45428 ... 49689 95733 61109 = = 146 146 52 52 00000 Off after 50 groups	CW	(AB-J)
M14	13-4	0520	10243	Thu	952 146 146 52 52 = = 68822 85312 45428 ... 49689 95733 61109 = = 146 146 52 52 00000 Started in FSK CW. Switched to CW during the callup	FSK CW	(AB-J)
M14	14-4	0500	12211	Fri	952 783 783 52 52 = = 88462 11288 70834 ... 45148 83427 59762 = = 783 783 52 52 00000	CW	(AB-J)
M14	14-4	0520	10243	Fri	952 783 783 52 52 = = 88462 11288 70834 ... 45148 83427 59762 = = 783 783 52 52 00000	CW	(AB-J)
M14	15-4	1120	9463	Sat	801 973 973 52 52 = = 65986 18057 26000 ... 30740 23172 82859 = = 973 973 52 52 00000. Several restarts	ICW	(PY)
M14	15-4	1850	11073	Sat	352 12643 679 679 41 41 = = 73268 31407 74710 ... 21314 21613 02848 = = 679 679 41 41 00000. Note the extra group in the preamble	ICW	(PY)
M14	17-4	0500	12211	Mon	952 401 401 53 53 = = 34200 71188 14854 ... 23217 52310 77166 = = 401 401 53 53 00000	CW	(AB-J)
M14	17-4	0520	10243	Mon	952 (R) Off during the callup	CW	(AB-J)
M14	18-4	0500	12211	Tue	952 673 673 54 54 = = 09600 38324 93532 ... 37147 08491 76802 = = 673 673 54 54 00000 Stuttering signal. Several restarts	CW	(AB-J)
M14	18-4	0520	10243	Tue	952 673 673 54 54 = = 09600 38324 93532 ... 37147 08491 76802 = = 673 673 54 54 00000	CW	(AB-J)
M14	19-4	0500	12211	Wed	952 801 801 52 52 = = 97144 55320 70706 ... 03209 16347 21962 = = 801 801 52 52 00000	CW	(AB-J)
M14	19-4	0520	10243	Wed	952 801 801 52 52 = = 97144 55320 70706 ... 03209 16347 21962 = = 801 801 52 52 00000	CW	(AB-J)
M14	20-4	0500	12211	Thu	Late start. Some inverted morse, then off	CW	(AB-J)
M14	20-4	0520	10243	Thu	952 647 647 59 59 = = 85784 64995 04481 ... 95294 17711 32625 = = 647 647 59 59 00000 Very weak, largely unreadable	CW	(AB-J)
M14	21-4	0500	12211	Fri	952 803 803 51 51 = = 50370 89814 89346 ... 55603 85431 49476 = = 803 803 51 51 00000	CW	(AB-J)
M14	21-4	0520	10243	Fri	952 803 803 51 51 = = 50370 89814 89346 ... 55603 85431 49476 = = 803 803 51 51 00000	CW	(AB-J)
M14	22-4	1645	10755	Sat	Two series of fast beeps	ICW	(PY)
M14	22-4	1700	10755	Sat	975 381 381 60 60 = = 40460 05960 12244 ... 29942 69643 28155 = = 381 381 60 60 00000	ICW	(PY)
M14	22-4	1850	11073	Sat	352 (R) 147 147 60 60 = = 37144 39479 39668 ... 65909 3 3 352 (R) Unreadable; faded out.	CW	(AB)
M14	24-4	0500	12211	Mon	952 (R) off and back with group eight: 87808 98750 81348 ... 84697 29204 56402 = = 416 416 53 53 00000	CW	(AB-J)

M14	24-4	0520	10243	Mon	952 416 416 53 53 = = 98613 37489 16804 ... 84697 29204 56402 = = 416 416 53 53 00000	CW	(AB-J)
M14	25-4	0500	12211	Tue	952 738 738 65 65 = = 25473 24934 67832 ... 80218 55837 04192 = = 738 738 65 65 00000	CW	(AB-J)
M14	25-4	0520	10243	Tue	952 738 738 65 65 = = 25473 24934 67832 ... 80218 55837 04192 = = 738 738 65 65 00000	CW	(AB-J)
M14	25-4	0930	17458	Tue	617 617 617 00000	CW	(AB)
M14	26-4	0500	12211	Wed	952 104 104 59 59 = = 23534 50246 87213 70546 ... 65938 93450 93705 = = 104 104 59 59 00000	CW	(AB-J)
M14	26-4	0520	10243	Wed	952 104 104 59 59 = = 23534 50246 87213 70546 12038 30375 35181 43403 off after gr 11	CW	(AB-J)
M14	27-4	0500	12211	Thu	952 478 678 54 54 = = 88620 13380 40037 ... 92346 77422 04570 = = 678 678 54 54 00000	CW	(AB-J)
M14	27-4	0520	10243	Thu	952 478 678 54 54 = = 88620 13380 40037 ... 92346 77422 04570 = = 678 678 54 54 00000	CW	(AB-J)
M14	28-4	0500	12211	Fri	952 314 314 57 57 = = 46922 10149 75536 ... 18268 22392 55582 = = 314 314 57 57 00000	CW	(AB-J)
M14	28-4	0520	10243	Fri	952 314 314 57 57 = = 46922 10149 75536 ... 18268 22392 55582 = = 314 314 57 57 00000	CW	(AB-J)
M14	29-4	1300	11073	Sat	352 897 897 60 60 = = 36311 03118 44987 ... 71945 06085 52360 = = 897 897 60 60 00000	CW	(AB)
M14	29-4	1500	10755	Sat	975 481 481 60 60 = = 43243 47263 20849 ... 12044 77828 15296 = = 481 481 60 60 00000	ICW	(PY)
M14	29-4	1523	10755	Sat	Two series of fast beeps	ICW	(PY)
M14	29-4	1530	10755	Sat	352 791 791 60 60 = = 20270 ... 55504 = 791 791 60 60 00000	ICW	(PY)
M21	23-4	1215	6233	Sun	435014501????? 13406163692316 13507462377416 13509163375417 13506163396617 13509163375818	CW	(Mario-S)
M21	25-4	0715	8253	Tue	Russian Air Defense 1 2 3 4 5 6 7 8 9 0 9 8 7 6 5 marker =13507168143533= =13507168143534= =23507901101005=	CW	(Mario)
M21	25-4	0816	8258	Tue	Russian Air Defense =13506163393207= =13506163371808= =23506901090911=	CW	(AB/Mario)
M21	25-4	0900	5253	Tue	=13520462386909= =13520462385810= =23520901041007=	CW	(Mario)
M23	1-4	0800	5345	Sat	541 541 541 (R 12m)	CW	(AB)
M23	1-4	1135	5345	Sat	591 591 591 (R 12m)	CW	(AB)
M23	1-4	1200	5345	Sat	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	1-4	1230	5345	Sat	541 541 541 (R 12m)	CW	(AB)
M23	1-4	1405	5345	Sat	SET SET SET (R 30m)	CW	(AB)
M23	1-4	1700	5345	Sat	591 591 591 (R 12m)	CW	(AB)
M23	1-4	1800	5345	Sat	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	2-4	0800	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	2-4	1135	5345	Sun	591 591 591 (R 12m)	CW	(AB)
M23	2-4	1200	5345	Sun	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	2-4	1230	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	2-4	1405	5345	Sun	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	2-4	1700	5345	Sun	591 591 591 (R 12m)	CW	(AB)
M23	2-4	1800	5345	Sun	ST3 ST3 ST3 (R 20m)	CW	(AB/HFD)
M23	3-4	0800	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	3-4	1135	5345	Mon	591 591 591 (R 12m)	CW	(AB)
M23	3-4	1200	5345	Mon	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	3-4	1230	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	3-4	1405	5345	Mon	SET SET SET (R 30m)	CW	(AB)
M23	3-4	1700	5345	Mon	591 591 591 (R 12m)	CW	(AB)
M23	3-4	1800	5345	Mon	ST3 ST3 ST3 (R 20m)	CW	(AB)

M23	4-4	0800	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	4-4	1135	5345	Tue	591 591 591 (R 12m)	CW	(AB)
M23	4-4	1200	5345	Tue	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	4-4	1230	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	4-4	1405	5345	Tue	SET SET SET (R 30m)	CW	(AB)
M23	4-4	1700	5345	Tue	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	4-4	1800	5345	Tue	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	5-4	0800	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	5-4	1135	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	5-4	1200	5345	Wed	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	5-4	1230	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	5-4	1405	5345	Wed	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	5-4	1700	5345	Wed	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	5-4	1800	5345	Wed	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	6-4	0500	5345	Thu	Hourly beep	CW	(AB)
M23	6-4	0800	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	6-4	1135	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	6-4	1200	5345	Thu	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	6-4	1230	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	6-4	1405	5345	Thu	SET SET SET (R 30m)	CW	(AB)
M23	6-4	1700	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	6-4	1800	5345	Thu	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	6-4	2000	5345	Thu	Hourly beep	CW	(AB)
M23	7-4	0800	5345	Fri	541 541 541 (R 12m)	CW	(AB)
M23	7-4	1135	5345	Fri	591 591 591 (R 12m)	CW	(AB)
M23	7-4	1200	5345	Fri	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	7-4	1230	5345	Fri	541 541 541 (R 12m)	CW	(AB)
M23	7-4	1300	5345	Fri	Hourly beep	CW	(AB)
M23	7-4	1405	5345	Fri	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	7-4	1700	5345	Fri	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	7-4	1800	5345	Fri	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	8-4	0800	5345	Sat	541 541 541 (R 12m)	CW	(AB)
M23	8-4	0900	5345	Sat	Hourly beep	CW	(AB)
M23	8-4	1135	5345	Sat	591 591 591 (R 12m)	CW	(AB)
M23	8-4	1200	5345	Sat	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	8-4	1230	5345	Sat	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	8-4	1405	5345	Sat	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	8-4	1700	5345	Sat	591 591 591 (R 12m)	CW	(AB)
M23	8-4	1800	5345	Sat	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	9-4	0800	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	9-4	1135	5345	Sun	591 591 591 (R 12m)	CW	(AB)
M23	9-4	1200	5345	Sun	ST3 ST3 ST3 (R 20m)	CW	(AB)

M23	9-4	1230	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	9-4	1405	5345	Sun	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	9-4	1700	5345	Sun	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	9-4	1800	5345	Sun	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	10-4	0800	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	10-4	1135	5345	Mon	591 591 591 (R 12m)	CW	(AB)
M23	10-4	1200	5345	Mon	ST3 ST3 ST3 (R 20m)	CW	(AB)
M23	10-4	1230	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	10-4	1400	5345	Mon	Hourly beep	CW	(AB)
M23	10-4	1405	5345	Mon	SET SET SET (R 30m)	CW	(AB)
M23	10-4	1700	5345	Mon	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	10-4	1800	5345	Mon	ST3 ST3 ST3 (R 20m)	CW	(AB/MPJ)
M23	11-4	0800	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	11-4	1135	5345	Tue	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	11-4	1230	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	11-4	1300	5345	Tue	Hourly beep	CW	(AB)
M23	11-4	1405	5345	Tue	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	11-4	1700	5345	Tue	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	12-4	0800	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	12-4	1135	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	12-4	1200	5345	Wed	Hourly beep	CW	(AB)
M23	12-4	1230	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	12-4	1405	5345	Wed	SET SET SET (R 30m)	CW	(AB)
M23	12-4	1700	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	13-4	0800	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	13-4	1135	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	13-4	1200	5345	Thu	Hourly beep	CW	(AB)
M23	13-4	1230	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	13-4	1405	5345	Thu	SET SET SET (R 30m)	CW	(AB)
M23	13-4	1700	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	13-4	1800	5345	Thu	Hourly beep	CW	(AB)
M23	14-4	0700	5345	Fri	Hourly beep	CW	(AB)
M23	14-4	0800	5345	Fri	541 541 541 (R 12m)	CW	(AB)
M23	14-4	1135	5345	Fri	591 591 591 (R 12m)	CW	(AB)
M23	14-4	1200	5345	Fri	Hourly beep	CW	(AB)
M23	14-4	1229	5345	Fri	541 541 541 (R 12m)	CW	(AB)
M23	14-4	1405	5345	Fri	SET SET SET (R 30m)	CW	(AB)
M23	14-4	1700	5345	Fri	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	14-4	1800	5345	Fri	Hourly beep	CW	(MPJ)
M23	15-4	0800	5345	Sat	541 541 541 (R 12m)	CW	(AB)
M23	15-4	1135	5345	Sat	591 591 591 (R 12m)	CW	(AB)
M23	15-4	1230	5345	Sat	541 541 541 (R 12m)	CW	(AB)

M23	15-4	1405	5345	Sat	SET SET SET (R 30m)	CW	(AB)
M23	15-4	1700	5345	Sat	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	16-4	0800	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	16-4	1135	5345	Sun	591 591 591 (R 12m)	CW	(AB)
M23	16-4	1230	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	16-4	1405	5345	Sun	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	16-4	1700	5345	Sun	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	16-4	1800	5345	Sun	Hourly beep	CW	(MPJ)
M23	17-4	0800	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	17-4	1134	5345	Mon	591 591 591 (R 12m)	CW	(AB)
M23	17-4	1229	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	17-4	1404	5345	Mon	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	17-4	1700	5345	Mon	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	17-4	1800	5345	Mon	Hourly beep	CW	(MPJ)
M23	18-4	0759	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	18-4	1134	5345	Tue	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	18-4	1229	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	18-4	1404	5345	Tue	SET SET SET (R 30m)	CW	(AB)
M23	18-4	1659	5345	Tue	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	19-4	0800	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	19-4	1135	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	19-4	1230	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	19-4	1405	5345	Wed	SET SET SET (R 30m)	CW	(AB)
M23	19-4	1659	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	20-4	0759	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	20-4	1134	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	20-4	1229	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	20-4	1404	5345	Thu	SET SET SET (R 30m)	CW	(AB)
M23	20-4	1659	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	21-4	0759	5345	Fri	541 541 541 (R 12m)	CW	(AB)
M23	21-4	1134	5345	Fri	591 591 591 (R 12m)	CW	(AB)
M23	21-4	1229	5345	Fri	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	21-4	1404	5345	Fri	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	21-4	1659	5345	Fri	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	22-4	0759	5345	Sat	541 541 541 (R 12m)	CW	(AB)
M23	22-4	1134	5345	Sat	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	22-4	1229	5345	Sat	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	22-4	1404	5345	Sat	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	22-4	1659	5345	Sat	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	23-4	0759	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	23-4	1134	5345	Sun	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	23-4	1229	5345	Sun	541 541 541 (R 12m)	CW	(AB)

M23	23-4	1404	5345	Sun	SET SET SET (R 30m)	CW	(AB)
M23	23-4	1404	5345	Sun	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	23-4	1659	5345	Sun	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	23-4	1659	5345	Sun	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	24-4	0759	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	24-4	1134	5345	Mon	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	24-4	1229	5345	Mon	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	24-4	1404	5345	Mon	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	24-4	1659	5345	Mon	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	25-4	0759	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	25-4	1134	5345	Tue	591 591 591 (R 12m)	CW	(AB)
M23	25-4	1229	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	25-4	1404	5345	Tue	SET SET SET (R 30m)	CW	(AB)
M23	25-4	1659	5345	Tue	591 591 591 (R 12m)	CW	(AB)
M23	26-4	0759	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	26-4	1134	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	26-4	1229	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	26-4	1405	5345	Wed	SET SET SET (R 30m)	CW	(AB)
M23	26-4	1659	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	27-4	0759	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	27-4	1134	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	27-4	1229	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	27-4	1404	5345	Thu	SET SET SET (R 30m)	CW	(AB)
M23	27-4	1659	5345	Thu	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	28-4	0759	5345	Fri	541 541 541 (R 12m)	CW	(AB-F)
M23	28-4	1134	5345	Fri	591 591 591 (R 12m)	CW	(AB-F/MPJ)
M23	28-4	1229	5345	Fri	541 541 541 (R 12m)	CW	(AB)
M23	28-4	1404	5345	Fri	SET SET SET (R 30m)	CW	(MPJ)
M23	28-4	1659	5345	Fri	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	29-4	0759	5345	Sat	541 541 541 (R 12m)	CW	(AB)
M23	29-4	1134	5345	Sat	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	29-4	1229	5345	Sat	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	29-4	1404	5345	Sat	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	29-4	1659	5345	Sat	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	30-4	0759	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	30-4	1134	5345	Sun	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	30-4	1229	5345	Sun	541 541 541 (R 12m)	CW	(AB/MPJ)
M32	1-4	0927	14664	Sat	RDL RDL RDL 07077 13222 07077 13222 07077 13222 K	CW	(AB)
M32	8-4	1025	14664	Sat	RDL RDL RDL 50113 61819 50113 61819 50113 61819 K	CW	(AB)
M32a	25-4	1115	5074	Tue	RLO XXX ELASTICHNYJ 01 1099 164 295 1407	CW	(Mario)
M42	1-4	0835	14941	Sat	Russian diplo	MFSK-66	(RO)
M42	5-4	1152	17441	Wed	Russian diplo	Serdolik v2	(AB/RO)

M42	5-4	1202	14650	Wed	Russian diplo	Serdolik v2	(AB)
M42	5-4	1205	13368	Wed	Russian diplo	Serdolik v2	(AB)
M42	6-4	0743	16026	Thu	Russian diplo	Serdolik v2	(AB)
M42	6-4	0745	17503	Thu	Russian diplo	Serdolik v2	(AB)
M42	6-4	0745	16026	Thu	Russian diplo	Serdolik v2	(RO)
M42	6-4	0747	17503	Thu	Russian diplo	Serdolik v2	(RO)
M42	6-4	0802	16313	Thu	Russian diplo	Serdolik v2	(AB)
M42	6-4	0802	16026	Thu	Russian diplo idling	Serdolik v2	(AB/RO)
M42	6-4	0914	18196	Thu	Russian diplo	MFSK-66	(AB/RO)
M42	6-4	0926	18195	Thu	Russian diplo	MFSK-66	(AB/RO)
M42	12-4	0846	12188	Wed	Russian diplo	Serdolik v2	(AB)
M42	14-4	0733	16181	Fri	Russian diplo	MFSK-66	(AB)
M42	14-4	1022	16260	Fri	Russian diplo	MFSK-66	(AB)
M42	14-4	1041	17524	Fri	Russian diplo	MFSK-66	(AB/RO)
M42	14-4	1049	16263	Fri	Russian diplo	MFSK-66	(AB/RO)
M42	14-4	1218	17529	Fri	Russian diplo	MFSK-66	(AB/RO)
M42	18-4	0745	10952	Tue	Russian diplo	MFSK-66	(AB)
M42	18-4	0814	13424	Tue	Russian diplo	MFSK-66	(RO)
M42	18-4	1126	17422	Tue	Russian diplo. Serdolik selcal	Serdolik v2	(AB/RO)
M42	18-4	1127	17419	Tue	Russian diplo.	Serdolik v2	(AB)
M42	19-4	1128	14452	Wed	Russian diplo	Serdolik v2	(AB)
M42	19-4	1135	16334	Wed	Russian diplo	Serdolik v2	(AB)
M42	19-4	1153	17440	Wed	Russian diplo	Serdolik v2	(AB)
M42	20-4	0705	21821	Thu	Russian diplo	MFSK-66	(AB/RO)
M42	20-4	0819	18230	Thu	Russian diplo	Serdolik v2	(AB/RO)
M42	20-4	0910	17448	Thu	Russian diplo	MFSK-66	(AB)
M42	20-4	0928	18195	Thu	Russian diplo	MFSK-66	(AB/RO)
M42	24-4	0835	17466	Mon	Russian diplo	Serdolik v2	(RO)
M42	24-4	0851	17466	Mon	Russian diplo	Serdolik v2	(RO)
M42	24-4	0925	14686	Mon	Russian diplo	Serdolik v2	(AB/RO)
M42	24-4	0935	14686	Mon	Russian diplo	Serdolik v2	(AB)
M42	25-4	0750	11073	Tue	Russian diplo. Serdolik selcal	Serdolik v2	(AB)
M42	25-4	0752	11075	Tue	Russian diplo	Serdolik v2	(AB)
M42	25-4	0822	16255	Tue	Russian diplo	MFSK-66	(AB/RO)
M42	27-4	0640	11086	Thu	Russian diplo	MFSK-66	(AB)
M42	28-4	0639	13431	Fri	Russian diplo. Serdolik selcal	Serdolik v2	(AB)
M42	28-4	0642	13431	Fri	Russian diplo. Serdolik selcal	Serdolik v2	(AB)
M42	28-4	0646	13431	Fri	Russian diplo. Serdolik selcal	Serdolik v2	(AB)
M42	28-4	0648	13431	Fri	Russian diplo. Serdolik selcal	Serdolik v2	(AB)
M42b	20-4	1247	16156	Thu	RYRYRYRYRYRYRYRY VVV UAL UAL UAL QSA 4 QTC 1 K QLP? K RPT K OK QLP 40 K	FSK 75/500 + FSK CW	(AB)
M42b	20-4	1307	16196	Thu	VVV UAL UAL UAL QBN K K QRV K BK RPT PBL BK ABT 300 BK ABT 10 K BK BK ABT 20 K QSL 1 K RYRYRYRYRYRYRYRY RPT K OK QLP 40 K OK QLP 40 K	FSK 75/500 + FSK CW	(AB)

M51b	29-4	0750	6825	Sat	Non-stop 5-character groups composed of M51a messages	CW	(AB)
M51b	29-4	0820	6825	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA	CW	(AB)
M76	1-4	1650	10858	Sat	1U5Q IU5Q IU5Q DE NT2H NT2H QTC 268 32 = 26310 14994 91080 ... 50301 5XXXX NNNNN =	CW	(AB-AUT)
M76	2-4	0400	10858	Sun	1U5Q IU5Q IU5Q DE NT2H NT2H QTC 269 32 = 26310 05004 91080 ... 55019 13XXX NNNNN =	CW	(AB)
M76	3-4	1650	10858	Mon	3P6G 3P6G 3P6G DE 7-M6 7-M6 QTC 274 31 = followed by several messages	CW	(AB)
M76	4-4	1650	10858	Tue	PDBR PDBR PDBR DE B6VS B6VS QTC 277 31 = 26310 14924 91080 ... 49891 6015X NNNNN =	CW	(AB)
M76	5-4	0400	10858	Wed	PDBR PDBR PDBR DE B6VS B6VS QTC 278 39 = 26310 04934 91080 ... 91601 5XXXX NNNNN =	CW	(AB)
M76	5-4	1650	10858	Wed	JLLK JLLK JLLK DE 4YHB 4YHB QTC 282 26 = 26310 15034 91080 ... 05075 09015 NNNNN =	CW	(AB)
M76	6-4	1650	10858	Thu	2B4O 2B4O 2B4O DE DFK3 DFK3 QTC 284 28 = 26310 15044 91080 ... 07916 914XX NNNNN =	CW	(AB)
M76	7-4	1650	10858	Fri	Y1N7 Y1N Y1N7 DE UI5E UI5E QTC 288 30 = 26310 05054 91080 ... 49891 6913X NNNNN =	CW	(AB)
M76	8-4	0400	10858	Sat	Y1N7 Y1N Y1N7 DE UI5E UI5E QTC 289 29 = 26310 05164 91080 ... 50491 6015X NNNNN =	CW	(AB)
M76	8-4	1652	10858	Sat	HE3C HE3C HE3C DE WÜFL WÜFL QTC 290 34 = 26310 15064 91080 ... 89160 15XXX NNNNN =	CW	(AB-AUT)
M76	9-4	0400	10858	Sun	HE3C HE3C HE3C DE WÜFL WÜFL QTC 291 36 = 26310 05074 01080 ... 02916 015XX NNNNN =	CW	(AB)
M76	9-4	1650	10858	Sun	AWAÄ AWAÄ AWAÄ DE ÜH6J ÜH6J QTC 293 35 = 26310 15074 91080 ... 57091 6914X NNNNN =	CW	(AB)
M76	10-4	0400	10858	Mon	AWAÄ AWAÄ AWAÄ DE ÜH6J ÜH6J QTC 294 39 = 26310 15074 91080 ... 54999 16914 NNNNN =	CW	(AB)
M76	10-4	1650	10858	Mon	O2UY O2UY O2UY DE S5B5 S5B5 QTC 295 31 = 26310 15084 91080 ... 15503 914XX NNNNN =	CW	(AB/WN)
M76	11-4	0400	10858	Tue	O2UY O2UY O2UY DE S5B5 S5B5 QTC 296 32 = 26310 05094 91080 ... DDDDD 327XX NNNNN =	CW	(AB)
M76	11-4	1650	10858	Tue	RAQP RAQP RAQP DE EOL1 EOL1 QTC 217 28 = 26310 05094 91080 ... 95915 505XX NNNNN =	CW	(AB)
M76	12-4	0400	10858	Wed	RAQP RAQP RAQP DE EOL1 EOL1 QTC 298 32 = 26310 05104 91080 ... 25807 247X NNNNN =	CW	(AB)
M76	12-4	1650	10858	Wed	K8YM K8YM K8YM DE G44U G44U QTC 299 36 = 26310 15104 91080 ... 39169 13XXX NNNNN =	CW	(AB)
M76	13-4	0400	10858	Thu	K8YM K8YM K8YM DE G44U G44U QTC 200 37 = 26310 05114 91080 ... 12091 99151 NNNNN =	CW	(AB)
M76	13-4	1650	10858	Thu	8MJI 8MJI 8MJI DE 5VN9 5VN9 QTC 302 30 = 26310 15104 91080 ... 50391 6015X NNNNN =	CW	(AB)
M76	14-4	0400	10858	Fri	8MJI 8MJI 8MJI DE 5VN9 5VN9 QTC 303 35 = 26310 05124 91080 ... 91691 4XXXX NNNNN =	CW	(AB)
M76	14-4	1650	10858	Fri	INOW INOW INOW DE 6332 6332 QTC 304 35 = 26310 15124 91080 ... 49169 14XXX NNNNN =	CW	(AB-AUT)
M76	15-4	0400	10858	Sat	INOW INOW INOW DE 6332 6332 QTC 305 33 = 26310 05134 91080 ... 02916 113XX NNNNN =	CW	(AB)
M76	15-4	1652	10858	Sat	NRIH NRIH NRIH DE Ä9AF Ä9AF QTC 310 35 = 26310 15134 91080 ... 50491 6015X NNNNN =	CW	(AB/WN)
M76	16-4	0400	10858	Sun	NRIH NRIH NRIH DE Ä9AF Ä9AF QTC 311 33 = 26310 05144 91080 ... 91601 5XXXX NNNNN =	CW	(AB)
M76	16-4	1650	10858	Sun	LC9Ü LC9Ü LC9Ü DE TSU8 TSU8 QTC 316 26 = 26310 15144 91080 ... 49801 5XXXX NNNNN =	CW	(AB-AUT)
M76	17-4	0400	10858	Mon	Active but too weak to copy	CW	(AB)
M76	17-4	1650	10858	Mon	7TR6 7TR6 7TR6 DE MKQA MKQA QTC 318 28 = 26310 15154 91080 ... 50691 6015X NNNNN =	CW	(AB-D)
M76	18-4	0400	10858	Tue	Active. Too poor to copy	CW	(AB)
M76	18-4	1650	10858	Tue	BGSS BGSS BGSS DE F7YD F7YD QTC 320 33 = 26310 15164 91080 ... 50591 6914X NNNNN =	CW	(AB)
M76	19-4	1650	10858	Wed	4ÄTB 4ÄTB 4ÄTB DE 9QJN 9QJN QTC 322 32 = 26310 15174 91080 ... 50591 6015X NNNNN =	CW	(AB-AUT)
M76	20-4	0400	10858	Thu	DWÜ3 DWÜ3 DWÜ3 DE VUOV VUOV QTC 323 35 = 26310 05184 91080 ... 59269 13XXX NNNNN =	CW	(AB)
M76	20-4	1651	10858	Thu	DWÜ3 DWÜ3 DWÜ3 DE VUOV VUOV QTC 328 30 = 26310 15184 91080 ... 91601 5XXXX NNNNN =	CW	(AB)
M76	21-4	0400	10858	Fri	UYCE UYCE UYCE DE QJIT QJIT QTC too weak to copy	CW	(AB)
M76	21-4	1650	10858	Fri	UYCE UYCE UYCE DE QJIT QJIT QTC 339 32 = 26310 15194 91080 ... 15504 913XX NNNNN =	CW	(AB-AUT)
M76	23-4	1650	10858	Sun	Active for almost 90 minutes!!! Weak signal.	CW	(AB)

M76	26-4	1650	10858	Wed	G5PU G5PU G5PU DE WJUK WJUK QTC 352 27 = 26310 15244 91080 ... 79891 6913X NNNNN = followed by several messages	CW	(AB-AUT)
M89	5-4	1520	4860	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	5-4	1520	6840	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	5-4	1523	3565	Wed	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	5-4	1523	4718	Wed	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	5-4	1531	5103	Wed	i.p. A5D3 4NN5 T57D 536N 7NAU 473A T553 ...	CW	(JPL)
M89	6-4	1436	5091	Thu	i.p. RPT 76W TO 78W K R QSL 2237 QSL 2237 K LSB WK LSB WK K	CW	(JPL)
M89	6-4	1442	3565	Thu	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	6-4	1442	4718	Thu	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	6-4	1454	5566	Thu	i.p. = QRW U MSG AGN HW ? AR = QRJ U MSG AGN HW ? AR = QSB U QSY TO 01 AR = QSB U QSY TO 01 AR K = RPT 01W TO 03W AR	CW	(JPL)
M89	8-4	1120	4860	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	8-4	1120	6840	Sat	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	8-4	1130	7620	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8-4	1130	8350	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	8-4	1144	4220	Sat	i.p. U475 A437 U34T 6TU4 III = 5775 T7ND UNTD 47U5 4D36 46U4 A73T U654 TUND ...	CW	(JPL)
M89	8-4	1148	3565	Sat	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	8-4	1148	4718	Sat	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	8-4	1150	5689	Sat	i.p. AR K R R R R GA K K	CW	(JPL)
M89	8-4	1152	5079	Sat	i.p. R 01W GA = 634U D3TT 7753 4A7N 36A5 TUTA 4AN7 N3N3 TT56 TTT4 DD66 ...	CW	(JPL)
M89	8-4	1162	4835	Sat	i.p. T763 D4AT D7NA N63A ND7T AU46 643A DA4U AU7N ...	CW	(JPL)
M89	8-4	1200	4623	Sat	V N45D (x3) DE JD3L (x2)	CW	(JPL)
M89	8-4	1207	4653	Sat	i.p. A5 = FM ? A5ND A4U5 U = 5III ? UN5T 53TN 475T 76T5 UT36 U63T U365 6TN3 A37N 5UAT N473 ...	CW	(JPL)
M89	12-4	1728	3565	Wed	V BSA5 (x3) DE TP4C (x2)	CW	(JPL)
M89	12-4	1854	4256	Wed	i.p. R HR MSG GA K R MSG NR 0060 CK 121 22 0413 0220 RMKS 0555 TO 0055 K	CW	(JPL)
M89	12-4	1907	4283	Wed	i.p. 67D7 63NT DN3D NTD5 N5DA U566 3N3A ...	CW	(JPL)
M89	12-4	1911	5883	Wed	i.p. R QSA 3 K R GA K R GA K	CW	(JPL)
M89	12-4	2340	6378	Wed	V BSA5 (x3) DE TP4C (x2) //7045	CW	(JPL)
M89	12-4	2340	7045	Wed	V BSA5 (x3) DE TP4C (x2) //6378	CW	(JPL)
M89	23-4	1155	3565	Sun	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	23-4	1155	4718	Sun	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89v	6-4	1436	5091	Thu	Switched to voice – Chinese – Male operator	LSB	(JPL)
M95	5-4	1450	4178	Wed	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	5-4	1450	7517	Wed	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	8-4	1138	4364	Sat	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0296 CK 253 35 0408 1553 = //8073	CW	(JPL)
M95	8-4	1138	8073	Sat	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0296 CK 253 35 0408 1553 = //4364	CW	(JPL)
M95	12-4	1905	4178	Wed	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	12-4	1905	7517	Wed	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	23-4	1138	8073	Sun	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0331 CK 242 35 0423 1617 =	CW	(JPL)
M95	23-4	1148	4243	Sun	VVV HR 7G TO YR PSE CY NR 029 CK 38 35 0423 1528 = //9054	CW	(JPL)

M95	23-4	1148	9054	Sun	VVV HR 7G TO YR PSE CY NR 029 CK 38 35 0423 1528 = //4243	CW	(JPL)
M95	23-4	1203	4178	Sun	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	23-4	1203	7517	Sun	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
MX	6-4	0658	16331.9	Thu	Beacon S, Sevromorsk	CW	(AB)
MX	8-4	1205	16331.9	Sat	Beacon S, Sevromorsk	CW	(MPJ)
MX	8-4	1205	16332.3	Sat	Beacon K, Petropavlovsk Kamchatskiy	CW	(MPJ)
MX	8-4	1415	16331.7	Sat	Beacon D, Sevastopol	CW	(AB)
MX	8-4	1415	16331.9	Sat	Beacon S, Sevromorsk	CW	(AB)
MX	8-4	1415	16332.1	Sat	Beacon A, Astrakhan	CW	(AB)
MX	12-4	2206	5153.7	Wed	Beacon D, Sevastopol	CW	(AB)
MX	12-4	2206	5153.8	Wed	Beacon P, Kaliningrad	CW	(AB)
MX	12-4	2206	5153.9	Wed	Beacon S, Sevromorsk	CW	(AB)
MX	12-4	2206	5154.1	Wed	Beacon A, Astrakhan	CW	(AB)
MX	19-4	0542	8497.8	Wed	Beacon L, St Petersburg	CW	(AB)
MX	19-4	0605	10872.4	Wed	Beacon M, Magadan	CW	(AB)
MX	19-4	0605	16332.3	Wed	Beacon K, Petropavlovsk Kamchatskiy	CW	(AB)
MX	19-4	0605	16332.4	Wed	Beacon M, Magadan	CW	(AB)
MX	19-4	0606	13528.3	Wed	Beacon K, Petropavlovsk Kamchatskiy	CW	(AB)
MX	19-4	0606	13528.4	Wed	Beacon M, Magadan	CW	(AB)
MX	29-4	1408	16331.9	Sat	Beacon S, Sevromorsk	CW	(MPJ)
MX	29-4	1408	16332.1	Sat	Beacon A, Baku/Astrakhan	CW	(MPJ)
P03e	2-4	1515	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	2-4	1520	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	2-4	1725	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	2-4	1730	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	3-4	0530	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	3-4	0535	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	4-4	1725	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	4-4	1730	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5-4	0530	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5-4	0535	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7-4	1515	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	7-4	1520	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	9-4	1515	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	9-4	1520	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	9-4	1725	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	9-4	1730	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10-4	0530	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10-4	0535	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	11-4	1725	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	11-4	1730	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	12-4	0530	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)

P03e	12-4	0535	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14-4	1515	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14-4	1520	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	16-4	1515	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	16-4	1520	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	16-4	1725	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	16-4	1730	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	17-4	0530	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	17-4	0535	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	18-4	1725	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	18-4	1730	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	19-4	0530	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	19-4	0535	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	21-4	1515	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	21-4	1520	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	23-4	1515	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	23-4	1520	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	23-4	1725	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	23-4	1730	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	24-4	0530	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	24-4	0535	13911	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	25-4	1725	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	25-4	1730	5409	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	26-4	0530	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	26-4	0535	13911	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	28-4	1515	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	28-4	1520	14972	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	30-4	1515	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	30-4	1520	14972	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	30-4	1725	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	30-4	1730	5409	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03g	4-4	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	4-4	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	6-4	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	6-4	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	11-4	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	11-4	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13-4	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13-4	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	18-4	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	18-4	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	20-4	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)

P03g	20-4	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	25-4	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	25-4	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	27-4	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	27-4	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03i	4-4	0430	10210	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	4-4	0435	10210	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	6-4	0430	10210	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6-4	0435	10210	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	11-4	0430	10210	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	11-4	0435	10210	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	13-4	0430	10210	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	13-4	0435	10210	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	13-4	0720	11092	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	13-4	0725	11092	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	18-4	0430	10210	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	18-4	0435	10210	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	20-4	0430	10210	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	20-4	0435	10210	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	20-4	0720	11092	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	20-4	0725	11092	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	25-4	0430	10210	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	25-4	0435	10210	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	25-4	0720	11092	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	25-4	0725	11092	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	27-4	0430	10210	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	27-4	0435	10210	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	27-4	0720	11092	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	27-4	0725	11092	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03k	1-4	0630	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-4	0635	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-4	1200	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	1-4	1205	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	1-4	1230	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-4	1235	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-4	1310	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-4	1315	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-4	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-4	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-4	0530	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-4	0535	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-4	0630	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	2-4	0635	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-4	1100	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-4	1105	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-4	1200	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-4	1205	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-4	1220	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-4	1225	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-4	1950	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-4	1955	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-4	1230	15975	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-4	1235	15975	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-4	1310	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-4	1315	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-4	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	5-4	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	6-4	1950	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-4	1955	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-4	0530	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-4	0535	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-4	1100	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-4	1105	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-4	0630	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-4	0635	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-4	1200	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	8-4	1205	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	8-4	1230	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-4	1235	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-4	1310	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-4	1315	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-4	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-4	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-4	0530	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-4	0535	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-4	0630	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-4	0635	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-4	1100	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-4	1105	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-4	1200	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	9-4	1205	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	9-4	1220	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-4	1225	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-4	1950	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	9-4	1955	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-4	1230	15975	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-4	1235	15975	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-4	1310	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-4	1315	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-4	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	12-4	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	13-4	1950	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-4	1955	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-4	0530	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-4	0535	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-4	1100	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-4	1105	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-4	0630	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-4	0635	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-4	1200	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	15-4	1205	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	15-4	1230	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15-4	1235	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15-4	1310	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-4	1315	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-4	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15-4	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-4	0530	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-4	0535	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-4	0630	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-4	0635	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-4	1100	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-4	1105	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-4	1200	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	16-4	1205	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	16-4	1220	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-4	1225	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-4	1950	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-4	1955	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-4	1220	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-4	1225	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-4	1230	15975	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-4	1235	15975	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-4	1310	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-4	1315	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-4	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	19-4	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-4	1950	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-4	1955	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-4	0530	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-4	0535	9200	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-4	1100	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-4	1105	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	22-4	0630	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-4	0635	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-4	1200	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	22-4	1205	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	22-4	1230	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-4	1235	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-4	1310	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-4	1315	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-4	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-4	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-4	0530	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-4	0535	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-4	0630	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-4	0635	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-4	1100	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	23-4	1105	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	23-4	1200	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	23-4	1205	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	23-4	1220	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-4	1225	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-4	1950	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-4	1955	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-4	1220	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-4	1225	8544	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-4	1310	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-4	1315	10213	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-4	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-4	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-4	1950	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-4	1955	5371	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-4	1100	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	28-4	1105	8180	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	29-4	0630	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-4	0635	7600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-4	1200	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)

P03k	29-4	1205	5082	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	29-4	1230	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-4	1235	15795	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-4	1310	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	29-4	1315	10213	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	29-4	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	29-4	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	30-4	0530	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-4	0535	9200	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-4	0630	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-4	0635	7600	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-4	1100	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-4	1105	8180	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-4	1200	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	30-4	1205	5082	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	30-4	1220	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	30-4	1225	8544	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	30-4	1950	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-4	1955	5371	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03I	1-4	1245	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	1-4	1250	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	2-4	1245	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	2-4	1250	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	3-4	1200	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	3-4	1205	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5-4	1345	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5-4	1350	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	6-4	1200	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	6-4	1205	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	7-4	1345	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7-4	1350	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	8-4	1245	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	8-4	1250	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	9-4	1245	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ-HOL)
P03I	9-4	1250	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ-HOL)
P03I	10-4	1200	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	10-4	1205	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	12-4	1345	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	12-4	1350	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	13-4	1200	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	13-4	1205	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	14-4	1345	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	14-4	1350	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	15-4	1245	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	15-4	1250	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	16-4	1245	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	16-4	1250	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	17-4	1200	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	17-4	1205	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	19-4	1345	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	19-4	1350	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	20-4	1200	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	20-4	1205	4909	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	21-4	1345	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	21-4	1350	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	22-4	1245	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	22-4	1250	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	23-4	1245	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	23-4	1250	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	24-4	1200	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	24-4	1205	4909	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	26-4	1345	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	26-4	1350	7984	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	28-4	1345	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	28-4	1350	7984	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	29-4	1245	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	29-4	1250	5344	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL/MPJ)
P03I	30-4	1245	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	30-4	1250	5344	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P07	5-4	1400	10446	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	5-4	1410	9379	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	5-4	1420	9109	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	5-4	1430	8166	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	5-4	1440	7718	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	9-4	1400	10446	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	9-4	1410	9379	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	9-4	1420	9109	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	9-4	1430	8166	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	9-4	1440	7718	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	9-4	1450	6969	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	12-4	1400	10446	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	12-4	1410	9379	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	12-4	1420	9109	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	12-4	1430	8166	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)

P07	12-4	1440	7718	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	16-4	1400	10446	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	16-4	1410	9379	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	16-4	1420	9109	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	16-4	1430	8166	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	16-4	1440	7718	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	16-4	1450	6969	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	19-4	1400	10446	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	19-4	1410	9379	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	19-4	1420	9109	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	19-4	1430	8166	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	19-4	1440	7718	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	19-4	1450	6969	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-4	1400	10446	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	23-4	1410	9379	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	23-4	1420	9109	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	23-4	1430	8166	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	23-4	1440	7718	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	23-4	1450	6969	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	26-4	1400	10446	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	26-4	1410	9379	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	26-4	1420	9109	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	26-4	1430	8166	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	26-4	1440	7718	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	26-4	1450	6969	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-4	1400	10446	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	30-4	1410	9379	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	30-4	1420	9109	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	30-4	1430	8166	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	30-4	1440	7718	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	30-4	1450	6969	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
Q26	2-4	1034	20501	Sun	7M58 7M58 7M58 DE 797Z 797Z 797Z XYXYXYXYXY HR MSG GA 0260 91 18 0402 1820 ...		4+4 QPSK 75/3000 LSB	(EW)
Q26	8-4	1131	4364	Sat	XSV85: messages //8073		4+4 QPSK 75/3000 LSB	(JPL)
Q26	8-4	1131	8073	Sat	XSV85: messages //4364		4+4 QPSK 75/3000 LSB	(JPL)
Q26	23-4	1131	8073	Sun	XSV85: messages		4+4 QPSK 75/3000 LSB	(JPL)
Q26	23-4	1144	4243	Sun	Messages //9054		4+4 QPSK 75/3000 LSB	(JPL)
Q26	23-4	1144	9054	Sun	Messages //4243		4+4 QPSK 75/3000 LSB	(JPL)
S06	3-4	0400	11616	Mon	480 769 55 67968 95261 34814 ... 11749 20705 48132 769 55 00000		USB	(AB)
S06	3-4	0420	9322	Mon	480 769 55 67968 95261 34814 ... 11749 20705 48132 769 55 00000		USB	(AB)
S06	4-4	0400	11616	Tue	480 125 63 82754 76245 32406 ... 34586 55178 80743 125 63 00000		USB	(AB)
S06	4-4	0420	9322	Tue	480 125 63 82754 76245 32406 ... 34586 55178 80743 125 63 00000		USB	(AB)
S06	5-4	0400	11616	Wed	480 397 51 95479 11395 40700 ... 50691 80981 41034 397 51 00000		USB	(AB)

S06	5-4	0420	9322	Wed	480 397 51 95479 11395 40700 ... 50691 80981 41034 397 51 00000	USB	(AB)
S06	6-4	0400	11616	Thu	480 261 55 49412 98209 45504 ... 24511 00030 92396 261 55 00000	USB	(AB)
S06	6-4	0420	9322	Thu	480 261 55 49412 98209 45504 ... 24511 00030 92396 261 55 00000	USB	(AB)
S06	7-4	0400	11616	Fri	480 357 61 29520 95928 40598 ... 92891 47086 34056 357 61 00000	USB	(AB)
S06	7-4	0420	9322	Fri	480 357 61 29520 95928 40598 ... 92891 47086 34056 357 61 00000	USB	(AB)
S06	7-4	1900	9412	Fri	637 637 637 00000	USB	(AB/HFD)
S06	7-4	2000	6985	Fri	637 637 637 00000	USB	(AB/HFD)
S06	10-4	0400	11616	Mon	480 961 52 15572 24118 92783 ... 27927 87608 57786 981 52 00000	USB	(AB)
S06	10-4	0420	9322	Mon	480 961 52 15572 24118 92783 ... 27927 87608 57786 981 52 00000	USB	(AB)
S06	11-4	0400	11616	Tue	480 257 61 42056 40602 07518 ... 06260 34279 86618 257 61 00000	USB	(AB)
S06	11-4	0420	9322	Tue	480 257 61 42056 40602 07518 ... 06260 34279 86618 257 61 00000	USB	(AB)
S06	12-4	0400	11616	Wed	480 391 52 35741 82716 05584 ... 37581 23838 21525 391 52 00000	USB	(AB)
S06	12-4	0420	9322	Wed	480 391 52 35741 82716 05584 ... 37581 23838 21525 391 52 00000	USB	(AB)
S06	12-4	0900	13547	Wed	480 931 42 26964 64582 70589 ... 67790 68444 71952 931 42 00000	USB	(AB/HFD)
S06	12-4	1000	11073	Wed	480 931 42 26964 64582 70589 ... 67790 68444 71952 931 42 00000	USB	(AB)
S06	13-4	0400	11616	Thu	480 265 70 48847 68720 69304 ... 56267 42336 26505 265 70 00000	USB	(AB)
S06	13-4	0420	9322	Thu	480 265 70 48847 68720 69304 ... 56267 42336 26505 265 70 00000	USB	(AB)
S06	14-4	0400	11616	Fri	480 379 52 14229 11096 10561 ... 61383 63752 78396 379 52 00000	USB	(AB)
S06	14-4	0420	9322	Fri	480 379 52 14229 11096 10561 ... 61383 63752 78396 379 52 00000	USB	(AB)
S06	17-4	0400	11616	Mon	480 182 53 39189 05741 33894 ... 75744 25709 58117 182 53 00000	USB	(AB)
S06	17-4	0420	9322	Mon	480 182 53 39189 05741 33894 ... 75744 25709 58117 182 53 00000	USB	(AB)
S06	18-4	0400	11616	Tue	480 753 62 80178 84740 95868 ... 26793 34023 68045 753 62 00000	USB	(AB)
S06	18-4	0420	9322	Tue	480 753 62 80178 84740 95868 ... 26793 34023 68045 753 62 00000	USB	(AB)
S06	18-4	1320	11073	Tue	352 (R) 487 60 88970 32275 91030 ... 44520 82637 57614 487 60 00000 (5 restarts during the message)	USB	(AB)
S06	19-4	0400	11616	Wed	480 192 56 90692 61829 27425 ... 01993 78632 69810 192 56 00000	USB	(AB)
S06	19-4	0420	9322	Wed	480 192 56 90692 61829 27425 ... 01993 78632 69810 192 56 00000	USB	(AB)
S06	19-4	0900	13547	Wed	480 123 45 82278 69397 10380 ... 72465 94685 14422 123 45 00000	USB	(AB)
S06	19-4	1000	11073	Wed	480 123 45 82278 69397 10380 ... 72465 94685 14422 123 45 00000	USB	(AB)
S06	20-4	0400	11616	Thu	480 563 70 31073 23310 05900 ... 55530 65960 10709 563 70 00000	USB	(AB)
S06	20-4	0420	9322	Thu	480 563 70 31073 23310 05900 ... 55530 65960 10709 563 70 00000	USB	(AB)
S06	21-4	0400	11616	Fri	480 197 52 12294 87677 12962 ... 52525 84924 97933 197 52 00000	USB	(AB)
S06	21-4	0420	9322	Fri	480 197 52 12294 87677 12962 ... 52525 84924 97933 197 52 00000	USB	(AB)
S06	21-4	1900	9412	Fri	637 637 637 00000	USB	(AB)
S06	21-4	2000	6985	Fri	637 637 637 00000	USB	(AB)
S06	24-4	0400	11616	Mon	480 263 57 29954 01673 78794 ... 89769 11035 38195 263 57 00000	USB	(AB)
S06	24-4	0420	9322	Mon	480 263 57 29954 01673 78794 ... 89769 11035 38195 263 57 00000	USB	(AB)
S06	25-4	0400	11616	Tue	480 571 64 95401 87905 42568 ... 06735 44649 66359 571 64 00000	USB	(AB)
S06	25-4	0420	9322	Tue	480 571 64 95401 87905 42568 ... 06735 44649 66359 571 64 00000	USB	(AB)
S06	26-4	0400	11616	Wed	480 239 61 09386 79119 81194 ... 72331 80411 86057 239 61 00000	USB	(AB)
S06	26-4	0420	9322	Wed	480 239 61 09386 79119 81194 ... 72331 80411 86057 239 61 00000	USB	(AB)
S06	26-4	0900	13547	Wed	480 532 41 93502 03509 36186 ... 81254 14907 68700 532 41 00000	USB	(AB)

S06	26-4	1000	11073	Wed	480 532 41 93502 03509 36186 ... 81254 14907 68700 532 41 00000	USB	(AB)
S06	27-4	0400	11616	Thu	480 567 52 65367 02310 42711 ... 67400 18895 74973 567 52 00000	USB	(AB)
S06	27-4	0420	9322	Thu	480 567 52 65367 02310 42711 ... 67400 18895 74973 567 52 00000	USB	(AB)
S06	28-4	0400	11616	Fri	480 912 64 58616 96720 71916 ... 92463 68775 87424 912 64 00000	USB	(AB)
S06	28-4	0420	9322	Fri	480 912 64 58616 96720 71916 ... 92463 68775 87424 912 64 00000	USB	(AB)
S06	29-4	1230	10755	Sat	975 314 60 52549 16763 80114 ... 04794 54198 15173 314 60 00000	USB	(PY)
S06c	19-4	0645	11428	Wed	11042 (R4m)	USB	(T101)
S11a	1-4	0830	6433	Sat	371/00	USB	(AB)
S11a	1-4	1850	10213	Sat	282/00	USB	(AB)
S11a	2-4	0830	6433	Sun	378/00	USB	(AB)
S11a	3-4	0510	11116	Mon	651/00	USB	(AB)
S11a	3-4	0700	8597	Mon	478/00	USB	(AB)
S11a	3-4	0915	6480	Mon	484/00	USB	(AB)
S11a	4-4	0445	10728	Tue	798/40 Vnimanije 14016 22583 44931 ... 32977 85370 07356 Vnimanije (msg rptd) Konets	USB	(AB-POL)
S11a	5-4	0510	11116	Wed	657/00	USB	(AB-POL)
S11a	5-4	1850	10213	Wed	287/00	USB	(AB)
S11a	6-4	0445	10728	Thu	798/40 Vnimanije 14016 22583 44931 ... 32977 85370 07356 Vnimanije (msg rptd) Konets	USB	(AB)
S11a	6-4	0700	8597	Thu	476/00	USB	(AB)
S11a	7-4	0915	6480	Fri	486/00	USB	(AB)
S11a	7-4	1409	11420	Fri	Message i.p.	USB	(T101)
S11a	8-4	0830	6433	Sat	376/00	USB	(AB)
S11a	8-4	1850	10213	Sat	284/00	USB	(AB)
S11a	9-4	0830	6433	Sun	373/00	USB	(AB)
S11a	10-4	0510	11116	Mon	654/00	USB	(AB-POL)
S11a	10-4	0700	8597	Mon	477/32 Vnimanije 95850 32899 55595 ... 79392 02627 85875 Vnimanije (msg rptd) Konets	USB	(AB)
S11a	10-4	0915	6480	Mon	481/00	USB	(AB)
S11a	11-4	0445	10728	Tue	798/00	USB	(AB-POL)
S11a	12-4	0510	11116	Wed	655/00	USB	(AB-POL)
S11a	12-4	1850	10213	Wed	281/00	USB	(AB)
S11a	13-4	0445	10728	Thu	793/00	USB	(AB)
S11a	13-4	0700	8597	Thu	477/32 Vnimanije 95850 32899 55595 ... 79392 02627 85875 Vnimanije (msg rptd) Konets	USB	(AB)
S11a	14-4	0915	6480	Fri	482/00	USB	(AB)
S11a	14-4	1400	11420	Fri	425/00	USB	(AB)
S11a	15-4	0830	6433	Sat	378/00	USB	(AB)
S11a	15-4	1850	10213	Sat	282/00	USB	(AB-POL)
S11a	16-4	0830	6433	Sun	378/00	USB	(AB)
S11a	17-4	0510	11116	Mon	654/00	USB	(AB-POL)
S11a	17-4	0700	8597	Mon	472/00	USB	(AB)
S11a	17-4	0915	6480	Mon	486/39 Vnimanije 88004 92319 33638 ... 20675 50487 24310 Vnimanije (msg rptd) Konets	USB	(AB)
S11a	18-4	0445	10728	Tue	796/00	USB	(AB-POL)
S11a	18-4	1400	11420	Tue	427/00	USB	(AB)
S11a	19-4	0510	11116	Wed	654/00	USB	(AB-POL)

S11a	19-4	1850	10213	Wed	281/34 Vnimanıye 14728 20215 75149 ... 94107 29995 72630 Vnimanıye (msg rptd) Konets	USB	(AB)
S11a	20-4	0445	10728	Thu	794/00	USB	(AB)
S11a	20-4	0700	8597	Thu	470/00	USB	(AB)
S11a	21-4	0915	6480	Fri	486/39 Vnimanıye 88004 92319 33638 ... 20675 50487 24310 Vnimanıye (msg rptd) Konets	USB	(AB)
S11a	21-4	1400	11420	Fri	420/00	USB	(AB)
S11a	22-4	0830	6433	Sat	378/00	USB	(AB)
S11a	22-4	1850	10213	Sat	281/34 Vnimanıye 14728 20215 75149 ... 94107 29995 72630 Vnimanıye (msg rptd) Konets	USB	(AB)
S11a	23-4	0830	6433	Sun	370/00	USB	(AB)
S11a	24-4	0510	11116	Mon	652/32 Vnimanıye 50891 00616 76161 ... 00010 27165 69713 Vnimanıye (msg rptd) Konets	USB	(AB-POL)
S11a	24-4	0700	8597	Mon	478/00	USB	(AB)
S11a	24-4	0915	6480	Mon	481/00	USB	(AB)
S11a	25-4	0445	10728	Tue	790/00	USB	(AB)
S11a	25-4	1400	11420	Tue	429/00	USB	(AB)
S11a	26-4	0510	11116	Wed	652/32 Vnimanıye 50891 00616 76161 ... 00010 27165 69713 Vnimanıye (msg rptd) Konets	USB	(AB-POL)
S11a	26-4	1850	10213	Wed	286/00	USB	(AB)
S11a	27-4	0445	10728	Thu	794/00	USB	(AB)
S11a	27-4	0700	8597	Thu	475/00	USB	(AB)
S11a	28-4	0915	6480	Fri	482/00	USB	(AB)
S11a	28-4	1400	11420	Fri	426/00	USB	(AB/T101)
S11a	29-4	0830	6433	Sat	372/37 Vnimanıye 88869 17298 89951 ... 48441 70195 04492 Vnimanıye (msg rptd) Konets	USB	(AB)
S11a	29-4	1850	10213	Sat	282/00	USB	(AB)
S11a	30-4	0835	6433	Sun	372/37 Vnimanıye 88869 17298 89951 ... 48441 70195 04492 Vnimanıye (msg rptd) Konets (late start)	USB	(AB)
S28	10-4	1021	4625	Mon	NZhTI NZhTI 09989 ZhEShOHLEVZh 2495 6880	USB	(Anon)
S28	10-4	1338	4625	Mon	NZhTI NZhTI 22280 IKSOBOEV 6397 2775	USB	(Anon)
S28	10-4	1447	4625	Mon	NZhTI NZhTI 55233 PLYaZhOKOT 5403 1602	USB	(Anon)
UM01	3-4	0700	4735	Mon	VVV VVV PROMRCh = 03 04 = 1000 1010 1050 1200 1680 ... 0800 0790 0840 0980 1420 = AR	CW	(AB-HNG)
UM04	1-4	0700	4735	Sat	VVVVV PROMRCh = 0104 = 1000 1020 1070 1220 1690 ... 0800 0800 0840 1000 1440 = AR	CW	(AB-HNG)
UM04	2-4	0700	4735	Sun	VVV VVV PROMRCh = 02 04 = 1000 1020 1060 1210 1690 ... 0800 0800 0840 1000 1440 = AR	CW	(Subilo)
UM04	4-4	0700	4735	Tue	VVV VVV PROMRCh = 04 04 = 1000 1000 1040 1190 1660 ... 0800 0790 0830 0980 1410 = AR	CW	(Subilo)
UM04	5-4	0700	4735	Wed	VVVVV PROMRCh = 0504 = 1000 1000 1040 1190 1660 ... 0800 0780 0820 0970 1400 = AR	CW	(Subilo)
UM04	6-4	0700	4735	Thu	VVV VVV PROMRCh = 06 04 = 1000 0990 1030 1180 1640 ... 0800 0770 0820 0960 1390 = AR	CW	(Subilo)
UM04	7-4	0734	4735	Fri	VVV VVV PROMRCh = 07 04 = 1000 0990 1020 1170 1630 ... 0800 0770 0820 0960 1380 = AR. Late start	CW	(AB-HNG)
UM04	8-4	0701	4735	Sat	VVVVV PROMRCh = 0804 = 1000 0980 1020 1100 1610 ... 0800 0770 0810 0950 1370 = AR	CW	(AB-HNG)
UM04	9-4	0700	4735	Sun	VVVVV PROMRCh = 09 04 = 1000 0970 1010 1150 1590 ... 0800 0760 0810 0950 1360 = AR	CW	(AB-HNG)
UM04	10-4	0700	4735	Mon	VVVVVV PROMRCh = 10 04 = 1000 0970 1000 1140 1590 ... 0800 0760 0800 0940 1350 = AR	CW	(Subilo)
UM04	11-4	0702	4735	Tue	VVVVV PROMRCh = 1104 = 1000 0950 0990 1130 1560 ... 0800 0760 0800 0930 1340 = AR	CW	(AB-HNG)
UM04	12-4	0700	4735	Wed	VVV VVV PROMRCh = 12 04 = 1000 0950 0990 1130 1560 ... 0800 0760 0800 0930 1340 = AR	CW	(Subilo)
UM04	13-4	0700	4735	Thu	PROMRCh = 13 04 = 1000 0950 0980 1120 1540 ... 0800 0750 0790 0930 1330 = AR	CW	(AB-HNG)
UM04	14-4	0734	4735	Fri	VVVVV PROMRCh = 1404 = 1000 0950 0980 1110 1540 ... 0800 0750 0790 0930 1320 = AR	CW	(AB-HNG)
UM04	15-4	0703	4735	Sat	VVVVV PROMRCh = 15 04 = 1000 0960 0990 1130 1550 ... 0800 0760 0800 0940 1330 = AR	CW	(AB-HNG)

UM04	16-4	0700	4735	Sun	VVV VVV PROMRCh = 16 04 = 1000 0950 0990 1120 1540 ... 0800 0760 0800 0930 1330 = AR	CW	(Subilo)
UM04	17-4	0700	4735	Mon	VVV VVV PROMRCh = 17 04 = 1000 0950 0980 1110 1530 ... 0800 0760 0800 0930 1330 = AR	CW	(Subilo)
UM04	18-4	0707	4735	Tue	VVVVV PROMRCh = 1804 = 1000 0940 0980 1100 1510 ... 0800 0760 0800 0930 1310 = AR	CW	(AB-HNG)
UM04	19-4	0700	4735	Wed	VVVVV PROMRÍ = 19 04 = 1000 0930 0970 1090 1490 ... 0800 0760 0800 0920 1310 = AR	CW	(AB-ROU)
UM04	20-4	0700	4735	Thu	VVV VVV PROMRCh = 20 04 = 1000 0930 0960 1080 1480 ... 0800 0760 0800 0920 1310 = AR	CW	(AB-ROU)
UM04	21-4	0701	4735	Fri	VVV VVV PROMRCh = 2104 = 1000 0910 0950 1070 1500 ... 0800 0750 0790 0920 1290 = AR	CW	(AB-ROU)
UM04	22-4	0700	4735	Sat	VVVVV PROMRCh = 22 04 = 1000 0920 0950 1080 1470 ... 0800 0760 0800 0920 1300 = AR	CW	(AB-ROU)
UM04	23-4	0700	4735	Sun	VVVVV PROMRCh = 2304 = 1000 0920 0960 1080 1470 ... 0800 0770 0800 0930 1310 = AR	CW	(AB-ROU)
UM04	24-4	0700	4735	Mon	VVVV PROMRCh = 24 04 = 1000 0920 0950 1070 1470 ... 0800 0770 0800 0930 1310 = AR	CW	(Subilo)
UM04	25-4	0703	4735	Tue	VVV VVV PROMRCh = 25 04 = 1000 0920 0950 1070 1470 ... 0800 0770 0810 0930 1310 = AR	CW	(AB-HNG)
UM04	26-4	0700	4735	Wed	VVVVV PROMRCh = 26 04 = 1000 0910 0940 1060 1450 ... 0800 0760 0790 0920 1300 = AR	CW	(Subilo)
UM04	27-4	0700	4735	Thu	VVVVV PROMRCh = 27 04 = 1000 0890 0920 1050 1440 ... 0800 0750 0780 0910 1290 = AR	CW	(AB-ROU)
UM04	28-4	0704	4735	Fri	VVVVV PROMRCh = 28 04 = 1000 0890 0920 1040 1430 ... 0800 0740 0780 0900 1280 = AR	CW	(AB-ROU)
UM04	29-4	0700	4735	Sat	VVVVV PROMRCh = 29 04 = 1000 0880 0910 1040 1420 ... 0800 0740 0770 0900 1270 = AR	CW	(AB-ROU)
UM04	30-4	0700	4735	Sun	VVV VVV PROMRCh = 30 04 = 1000 0880 0910 1030 1420 ... 0800 0730 0770 0890 1270 = AR	CW	(AB-HNG)
UM10	5-4	1455	3568	Wed	10-minutes net: NZO6 //4065 kHz	CW	(JPL-J)
UM10	5-4	1455	4065	Wed	10-minutes net: NZO6 //3568 kHz	CW	(JPL-J)
UM10	12-4	1843	3315	Wed	10-minutes net: S3DN i.p.	CW	(JPL-J)
V06	3-4	1345	10755	Mon	975 (R4m) 361 52 60661 27638 95223 ... 30905 27766 04216 361 52 00000. Restart during the message with 975 repeated for 1hr 17mins	USB	(PY)
V06	4-4	1140	10755	Tue	975 (R4m) 824 51 70871 24869 53827 ... 83164 98677 38110 824 51 00000. Restart during the message	USB	(PY)
V06	5-4	0600	10755	Wed	975 (R 2h7m) 824 51 70871 24869 53827 ... 83164 98677 38110 824 51 00000	USB	(AB)
V06	22-4	0600	11073	Sat	352 (R) 179 60 22513 36605 61076 ... 19983 73298 11865 179 60 00000. Msg was sent 3x. Window XP sounds. After the last message: 352 (R51m)	USB	(AB)
V07	2-4	0200	17431	Sun	414 414 414 1 270 106 270 106 80934 32649 16000 ... 00960 91172 85600 000 000	USB	(Dan/HFD-USA)
V07	2-4	0220	16131	Sun	414 414 414 1 270 106 270 106 80934 32649 16000 ... 00960 91172 85600 000 000	USB	(HFD)
V07	2-4	0240	14431	Sun	414 414 414 1 270 106 270 106 80934 32649 16000 ... 00960 91172 85600 000 000	USB	(HFD)
V07	9-4	0200	17431	Sun	414 414 414 1 270 106 270 106 80934 32649 16000 ... 00960 91172 85600 000 000	USB	(Dan)
V07	16-4	0200	17431	Sun	414 414 414 1 685 108 685 108 45163 42680 79300 ... 59728 61929 83558 000 000	USB	(Dan)
V07	23-4	0200	17431	Sun	414 414 414 1 748 104 748 104 85077 80999 81650 ... 16334 96881 25643 000 000	USB	(Dan)
V07	29-4	0200	17431	Sat	414 414 414 000	USB	(Dan)
V13	6-4	1300	7688	Thu	New Star Broadcasting	USB	(AB)
V13	6-4	1300	11430	Thu	New Star Broadcasting	USB	(AB)
V13	10-4	1200	13974	Mon	New Star Broadcasting	USB	(AB)
V13	10-4	1300	7688	Mon	New Star Broadcasting. Carrier only after the intro	AM	(AB-TWN)
V13	10-4	1300	11430	Mon	New Star Broadcasting	AM	(AB-TWN)
V13	10-4	1330	7688	Mon	New Star Broadcasting. Carrier only after the intro	AM	(AB-TWN)
V13	10-4	1330	11430	Mon	New Star Broadcasting	AM	(AB-TWN)
V13	11-4	1200	9276	Tue	New Star Broadcasting	AM	(AB-TWN)
V13	11-4	1200	13794	Tue	New Star Broadcasting	AM	(AB-TWN)
V13	13-4	1300	7688	Thu	New Star Broadcasting	USB	(AB)

V13	13-4	1300	11430	Thu	New Star Broadcasting	USB	(AB)
V13	14-4	1230	9276	Fri	New Star Broadcasting	AM	(AB-TWN)
V13	14-4	1230	13794	Fri	New Star Broadcasting	AM	(AB-TWN)
V13	14-4	1300	7688	Fri	New Star Broadcasting	AM	(AB)
V13	14-4	1300	11430	Fri	New Star Broadcasting	USB	(AB)
V13	14-4	1331	7688	Fri	New Star Broadcasting	AM	(AB)
V13	14-4	1331	11430	Fri	New Star Broadcasting	USB	(AB)
V13	17-4	1200	9276	Mon	New Star Broadcasting	USB	(AB)
V13	17-4	1200	13974	Mon	New Star Broadcasting	USB	(AB)
V13	18-4	1300	7688	Tue	New Star Broadcasting	AM	(AB)
V13	18-4	1300	11430	Tue	New Star Broadcasting	AM	(AB)
V13	20-4	1200	9276	Thu	New Star Broadcasting	AM	(AB-TWN)
V13	20-4	1200	13974	Thu	New Star Broadcasting	AM	(AB-TWN)
V13	20-4	1300	7688	Thu	New Star Broadcasting	AM	(AB-TWN)
V13	20-4	1300	11430	Thu	New Star Broadcasting	AM	(AB-TWN)
V13	21-4	1200	9276	Fri	New Star Broadcasting	AM	(AB-TWN)
V13	21-4	1200	13794	Fri	New Star Broadcasting	AM	(AB-TWN)
V13	21-4	1330	11430	Fri	New Star Broadcasting	USB	(AB-CHN)
V13	21-4	1330	7688	Fri	New Star Broadcasting	AM	(AB-VTN)
V13	26-4	1300	7688	Wed	New Star Broadcasting	AM	(AB-TWN)
V13	26-4	1300	11430	Wed	New Star Broadcasting	AM	(AB-TWN)
V13	28-4	1330	7688	Fri	New Star Broadcasting	AM	(AB-TWN)
V13	28-4	1330	11430	Fri	New Star Broadcasting	USB	(AB-TWN)
V26	23-4	1130	8073	Sun	XSV85: callup in Chinese voice. Female operator	USB	(JPL)
X06	5-4	1548	12186	Wed	MFA Moscow clg 214356 rando_one X06 to Amman	MFSK-6	(RO)
X06	6-4	0759	17534	Thu	MFA Moscow clg 351264: Russian embassy Abu Dhabi	MFSK-6	(AB/RO)
X06	6-4	0920	16103	Thu	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(AB/RO)
X06	12-4	0837	11153	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(Moon)
X06	14-4	0658	14695	Fri	MFA Moscow c;g 341265: unid Russian embassy	MFSK-6	(AB)
X06	14-4	1016	13510	Fri	MFA Moscow clg 216435: Russian embassy Dhaka	MFSK-6	(AB)
X06	18-4	0801	15989	Tue	MFA Moscow clg 125643: Russian embassy Ulanbatar	MFSK-6	(AB/RO)
X06	18-4	0820	13401	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB/RO)
X06	18-4	1132	16188	Tue	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(AB)
X06	19-4	1105	14650	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(AB/RO)
X06	20-4	0720	19511	Thu	MFA Moscow clg 314265: Russian embassy Antananarivo	MFSK-6	(RO)
X06	20-4	0922	14547	Thu	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City (off at 0926z, switched to 18197 kHz)	MFSK-6	(AB/RO)
X06	20-4	0926	18197	Thu	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(AB)
X06	20-4	1138	14947	Thu	MFA Moscow clg 351264: Russian embassy Abu Dhabi	MFSK-6	(AB/RO)
X06	21-4	1038	13547	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB/Vlad)
X06	21-4	1108	16302	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB)
X06	21-4	1125	14824	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB)

X06	24-4	0828	17475	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(Moon)
X06	24-4	0828	12177	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(RO)
X06	24-4	0927	16117	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(AB/Moon)
X06	25-4	0757	13420	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(AB/RO)
X06	26-4	0730	20950	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(RO)
XPA1	5-4	1210	13368	Wed	311 311 311 1 06749 00122 ... 91018 35586 64232	MFSK-20/10Bd	(AB/HFD)
XPA1	5-4	1230	12168	Wed	311 311 311 1 06749 00122 ... 91018 35586 64232	MFSK-20/10Bd	(AB/HFD)
XPA1	5-4	1250	11168	Wed	311 311 311 1 06749 00122 ... 91018 35586 64232	MFSK-20/10Bd	(AB/HFD)
XPA1	7-4	1210	13368	Fri	311 311 311 1 06749 00122 ... 91018 35586 64232	MFSK-20/10Bd	(AB/MPJ)
XPA1	7-4	1230	12168	Fri	311 311 311 1 06749 00122 ... 91018 35586 64232	MFSK-20/10Bd	(AB/MPJ)
XPA1	7-4	1250	11168	Fri	311 311 311 1 06749 00122 ... 91018 35586 64232	MFSK-20/10Bd	(AB/MPJ)
XPA1	12-4	1210	13368	Wed	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	12-4	1230	12168	Wed	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	12-4	1250	11168	Wed	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	14-4	1210	13368	Fri	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	14-4	1230	12168	Fri	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	14-4	1250	11168	Fri	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	19-4	1210	13368	Wed	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	19-4	1230	12168	Wed	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	19-4	1250	11168	Wed	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	21-4	1210	13368	Fri	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	21-4	1230	12168	Fri	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	21-4	1250	11168	Fri	311 311 311 1 04024 00204 67873 ... 73543 39564 13620	MFSK-20/10Bd	(AB)
XPA1	26-4	1210	13368	Wed	311 311 311 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB)
XPA1	26-4	1230	12168	Wed	311 311 311 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB)
XPA1	26-4	1250	11168	Wed	311 311 311 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB)
XPA1	28-4	1210	13368	Fri	311 311 311 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB)
XPA1	28-4	1230	12168	Fri	311 311 311 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB)
XPA1	28-4	1250	11168	Fri	311 311 311 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB)
XPA2	1-4	0700	24527	Sat	00413 00210 17445 ... 12082 13012 26410	MFSK-16/20Bd	(AB)
XPA2	1-4	0710	23158	Sat	00413 00210 17445 ... off after 51 groups	MFSK-16/20Bd	(AB)
XPA2	1-4	0720	22866	Sat	Off during intro. Wrong frequency	MFSK-16/20Bd	(AB)
XPA2	1-4	0730	21875	Sat	00413 00210 17445 ... 12082 13012 26410	MFSK-16/20Bd	(AB)
XPA2	1-4	0740	20649	Sat	00413 00210 17445 ... 12082 13012 26410	MFSK-16/20Bd	(AB)
XPA2	1-4	0750	19319	Sat	00413 00210 17445 ... 12082 13012 26410	MFSK-16/20Bd	(AB)
XPA2	1-4	0800	24381	Sat	Not heard	MFSK-16/20Bd	(AB)
XPA2	1-4	0810	23137	Sat	00518 00295 85119 ... 81033 05330 62175	MFSK-16/20Bd	(AB)
XPA2	1-4	0820	22875	Sat	00518 00295 85119 ... 81033 05330 62175	MFSK-16/20Bd	(AB)
XPA2	1-4	0830	21894	Sat	00518 00295 85119 ... 81033 05330 62175	MFSK-16/20Bd	(AB)
XPA2	1-4	0840	20752	Sat	00518 00295 85119 ... 81033 05330 62175	MFSK-16/20Bd	(AB)
XPA2	1-4	0850	19601	Sat	00518 00295 85119 ... 81033 05330 62175	MFSK-16/20Bd	(AB)
XPA2	1-4	0910	15859	Sat	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20bd	(AB)

XPA2	1-4	0930	14659	Sat	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20bd	(AB)
XPA2	1-4	0950	13459	Sat	00284 00112 46949 ... 75081 37513 16276	MFSK-16/20bd	(AB)
XPA2	1-4	1000	20494	Sat	04874 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	1-4	1010	19181	Sat	04874 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	1-4	1020	17441	Sat	04874 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	1-4	1030	16259	Sat	04874 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	1-4	1040	15834	Sat	04874 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	1-4	1050	14574	Sat	04874 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	1-4	1100	18447	Sat	00856 00273 55549 ... 49569 92470 43253	MFSK-16/20Bd	(AB)
XPA2	1-4	1110	16104	Sat	00856 00273 55549 ... 49569 92470 43253	MFSK-16/20Bd	(AB)
XPA2	1-4	1120	15863	Sat	00856 00273 55549 ... 49569 92470 43253	MFSK-16/20Bd	(AB)
XPA2	1-4	1130	14706	Sat	00856 00273 55549 ... 49569 92470 43253	MFSK-16/20Bd	(AB)
XPA2	1-4	1140	13404	Sat	00856 00273 55549 ... 49569 92470 43253	MFSK-16/20Bd	(AB)
XPA2	1-4	1150	10921	Sat	00856 00273 55549 ... 49569 92470 43253	MFSK-16/20Bd	(AB)
XPA2	1-4	1200	16293	Sat	00857 00291 31071 ... 71433 84948 71065	MFSK-16/20Bd	(AB)
XPA2	1-4	1210	15872	Sat	00857 00291 31071 ... 71433 84948 71065	MFSK-16/20Bd	(AB)
XPA2	1-4	1220	14754	Sat	00857 00291 31071 ... 71433 84948 71065	MFSK-16/20Bd	(AB)
XPA2	1-4	1230	13392	Sat	00857 00291 31071 ... 71433 84948 71065	MFSK-16/20Bd	(AB)
XPA2	1-4	1240	11439	Sat	00857 00291 31071 ... 71433 84948 71065	MFSK-16/20Bd	(AB)
XPA2	1-4	1250	10358	Sat	00857 00291 31071 ... 71433 84948 71065	MFSK-16/20Bd	(AB)
XPA2	1-4	1300	15874	Sat	00940 00279 74813 ... 99374 79326 64444	MFSK-16/20Bd	(AB)
XPA2	1-4	1310	14383	Sat	00940 00279 74813 ... 99374 79326 64444	MFSK-16/20Bd	(AB)
XPA2	1-4	1320	13441	Sat	00940 00279 74813 ... 99374 79326 64444	MFSK-16/20Bd	(AB)
XPA2	1-4	1330	12158	Sat	00940 00279 74813 ... 99374 79326 64444	MFSK-16/20Bd	(AB)
XPA2	1-4	1340	11544	Sat	00940 00279 74813 ... 99374 79326 64444	MFSK-16/20Bd	(AB)
XPA2	1-4	1350	10394	Sat	00940 00279 74813 ... 99374 79326 64444	MFSK-16/20Bd	(AB)
XPA2	1-4	1400	13887	Sat	00147 00293 99464 ... 60693 26257 44465	MFSK-16/20Bd	(AB)
XPA2	1-4	1410	13372	Sat	00147 00293 99464 ... 60693 26257 44465	MFSK-16/20Bd	(AB)
XPA2	1-4	1420	12187	Sat	00147 00293 99464 ... 60693 26257 44465	MFSK-16/20Bd	(AB)
XPA2	1-4	1430	11021	Sat	00147 00293 99464 ... 60693 26257 44465	MFSK-16/20Bd	(AB)
XPA2	1-4	1440	10237	Sat	00147 00293 99464 ... 60693 26257 44465	MFSK-16/20Bd	(AB)
XPA2	1-4	1450	9307	Sat	00147 00293 99464 ... 60693 26257 44465	MFSK-16/20Bd	(AB)
XPA2	1-4	1500	12173	Sat	00217 00255 85415 ... 03768 78102 37421	MFSK-16/20Bd	(AB)
XPA2	1-4	1500	15881	Sat	00320 00263 49202 ... 36800 90410 40203	MFSK-16/20bd	(AB)
XPA2	1-4	1510	11544	Sat	00217 00255 85415 ... 03768 78102 37421	MFSK-16/20Bd	(AB)
XPA2	1-4	1520	10351	Sat	00217 00255 85415 ... 03768 78102 37421	MFSK-16/20Bd	(AB)
XPA2	1-4	1520	14481	Sat	00320 00263 49202 ... 36800 90410 40203	MFSK-16/20bd	(AB/RL-HOL/HFD)
XPA2	1-4	1530	9397	Sat	00217 00255 85415 ... 03768 78102 37421	MFSK-16/20Bd	(AB)
XPA2	1-4	1540	9109	Sat	00217 00255 85415 ... 03768 78102 37421	MFSK-16/20Bd	(AB)
XPA2	1-4	1540	13381	Sat	00320 00263 49202 ... 36800 90410 40203	MFSK-16/20bd	(AB/RL-HOL/HFD)
XPA2	1-4	1550	8174	Sat	00217 00255 85415 ... 03768 78102 37421	MFSK-16/20Bd	(AB)

XPA2	2-4	0800	13881	Sun	01491 00001 00000 33662	MFSK-16/20Bd	(AB)
XPA2	2-4	0820	14881	Sun	01491 00001 00000 33662	MFSK-16/20Bd	(AB)
XPA2	2-4	0840	16281	Sun	01491 00001 00000 33662	MFSK-16/20Bd	(AB)
XPA2	2-4	1200	14442	Sun	00499 00167 02250 ... 56106 25090 06052	MFSK-16/20Bd	(AB/RL-HOL/HFD)
XPA2	2-4	1220	15842	Sun	00499 00167 02250 ... 56106 25090 06052	MFSK-16/20Bd	(AB/HFD)
XPA2	2-4	1240	16342	Sun	00499 00167 02250 ... 56106 25090 06052	MFSK-16/20Bd	(AB/HFD)
XPA2	3-4	0700	11409	Mon	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB/HFD)
XPA2	3-4	0720	12209	Mon	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB/HFD)
XPA2	3-4	0740	13409	Mon	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB/HFD)
XPA2	3-4	0910	18038	Mon	09279 00188 45166 ... 39661 00731 25146	MFSK-16/20Bd	(AB/HFD)
XPA2	3-4	0930	17474	Mon	09279 00188 45166 ... 39661 00731 25146	MFSK-16/20Bd	(AB/HFD)
XPA2	3-4	0950	16286	Mon	09279 00188 45166 ... 39661 00731 25146	MFSK-16/20Bd	(AB/HFD)
XPA2	3-4	1500	15881	Mon	09819 00001 00000 41662	MFSK-16/20Bd	(AB/RL-HOL)
XPA2	3-4	1520	14481	Mon	09819 00001 00000 41662	MFSK-16/20Bd	(AB/RL-HOL)
XPA2	3-4	1540	13381	Mon	09819 00001 00000 41662	MFSK-16/20Bd	(AB)
XPA2	4-4	0500	10249	Tue	01484 00001 00000 35261	MFSK-16/20Bd	(AB/HFD)
XPA2	4-4	0520	11449	Tue	01484 00001 00000 35261	MFSK-16/20Bd	(AB/HFD)
XPA2	4-4	0540	12149	Tue	01484 00001 00000 35261	MFSK-16/20Bd	(AB/HFD)
XPA2	4-4	1100	16341	Tue	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB)
XPA2	4-4	1120	14841	Tue	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB)
XPA2	4-4	1140	13941	Tue	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB)
XPA2	4-4	1200	14442	Tue	00257 00122 21797 ... 08286 91603 16013	MFSK-16/20Bd	(AB/MPJ)
XPA2	4-4	1220	15842	Tue	00257 00122 21797 ... 08286 91603 16013	MFSK-16/20Bd	(AB/MPJ)
XPA2	4-4	1240	16342	Tue	00257 00122 21797 ... 08286 91603 16013	MFSK-16/20Bd	(AB/MPJ)
XPA2	4-4	1600	15819	Tue	06650 00001 00000 34263	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	4-4	1620	14919	Tue	06650 00001 00000 34263	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	4-4	1640	13919	Tue	06650 00001 00000 34263	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	5-4	0700	11409	Wed	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB)
XPA2	5-4	0720	12209	Wed	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB)
XPA2	5-4	0740	13409	Wed	09805 00124 16273 ... 48788 27130 27710	MFSK-16/20Bd	(AB)
XPA2	5-4	0910	18038	Wed	09279 00188 45166 ... 39661 00731 25146	MFSK-16/20Bd	(AB)
XPA2	5-4	0930	17474	Wed	09279 00188 45166 ... 39661 00731 25146	MFSK-16/20Bd	(AB)
XPA2	5-4	0950	16286	Wed	09279 00188 45166 ... 39661 00731 25146	MFSK-16/20Bd	(AB)
XPA2	5-4	1100	17426	Wed	06867 00001 00000 40664	MFSK-16/20Bd	(AB)
XPA2	5-4	1120	16326	Wed	06867 00001 00000 40664	MFSK-16/20Bd	(AB)
XPA2	5-4	1140	14926	Wed	06867 00001 00000 40664	MFSK-16/20Bd	(AB)
XPA2	6-4	0500	10249	Thu	05101 00001 00000 32255	MFSK-16/20Bd	(AB)
XPA2	6-4	0520	11449	Thu	05101 00001 00000 32255	MFSK-16/20Bd	(AB)
XPA2	6-4	0540	12149	Thu	05101 00001 00000 32255	MFSK-16/20Bd	(AB)
XPA2	6-4	0910	15859	Thu	08119 00001 00000 36261	MFSK-16/20bd	(AB/HFD)
XPA2	6-4	0930	14659	Thu	08119 00001 00000 36261	MFSK-16/20bd	(AB/HFD)

XPA2	6-4	0950	13459	Thu	08119 00001 00000 36261	MFSK-16/20bd	(AB/HFD)
XPA2	6-4	1100	17426	Thu	05154 00001 00000 33662	MFSK-16/20Bd	(AB/HFD)
XPA2	6-4	1120	16326	Thu	05154 00001 00000 33662	MFSK-16/20Bd	(AB/HFD)
XPA2	6-4	1140	14926	Thu	05154 00001 00000 33662	MFSK-16/20Bd	(AB/HFD)
XPA2	6-4	1600	15819	Thu	04936 00001 00000 40657	MFSK-16/20Bd	(AB)
XPA2	6-4	1620	14919	Thu	04936 00001 00000 40657	MFSK-16/20Bd	(AB)
XPA2	6-4	1640	13919	Thu	04936 00001 00000 40657	MFSK-16/20Bd	(AB)
XPA2	7-4	0800	13881	Fri	06138 00133 14094 ... 21810 61129 45631	MFSK-16/20Bd	(AB)
XPA2	7-4	0820	14881	Fri	06138 00133 14094 ... 21810 61129 45631	MFSK-16/20Bd	(AB)
XPA2	7-4	0840	16281	Fri	06138 00133 14094 ... 21810 61129 45631	MFSK-16/20Bd	(AB)
XPA2	7-4	1100	16341	Fri	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB/HFD)
XPA2	7-4	1120	14841	Fri	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB/HFD)
XPA2	7-4	1140	13941	Fri	09297 00116 42161 ... 39165 45348 71270	MFSK-16/20Bd	(AB/HFD)
XPA2	8-4	0910	15859	Sat	01282 00001 00000 33261	MFSK-16/20bd	(AB)
XPA2	8-4	0930	14659	Sat	01282 00001 00000 33261	MFSK-16/20bd	(AB)
XPA2	8-4	0950	13459	Sat	01282 00001 00000 33261	MFSK-16/20bd	(AB)
XPA2	8-4	1500	15881	Sat	07149 00001 00000 36263	MFSK-16/20bd	(AB)
XPA2	8-4	1520	14481	Sat	07149 00001 00000 36263	MFSK-16/20bd	(AB)
XPA2	8-4	1540	13381	Sat	07149 00001 00000 36263	MFSK-16/20bd	(AB)
XPA2	9-4	0800	13881	Sun	06138 00133 14094 ... 21810 61129 45631	MFSK-16/20Bd	(AB)
XPA2	9-4	0820	14881	Sun	06138 00133 14094 ... 21810 61129 45631	MFSK-16/20Bd	(AB)
XPA2	9-4	0840	16281	Sun	06138 00133 14094 ... 21810 61129 45631	MFSK-16/20Bd	(AB)
XPA2	9-4	1200	14442	Sun	00257 00122 21797 ... 08286 91603 16013	MFSK-16/20Bd	(AB)
XPA2	9-4	1220	15842	Sun	00257 00122 21797 ... 08286 91603 16013	MFSK-16/20Bd	(AB)
XPA2	9-4	1240	16342	Sun	00257 00122 21797 ... 08286 91603 16013	MFSK-16/20Bd	(AB)
XPA2	10-4	0700	11409	Mon	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	10-4	0720	12209	Mon	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	10-4	0740	13409	Mon	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	10-4	0910	18038	Mon	02411 00093 05114 ... 19491 46747 02234	MFSK-16/20Bd	(AB)
XPA2	10-4	0930	17474	Mon	02411 00093 05114 ... 19491 46747 02234	MFSK-16/20Bd	(AB)
XPA2	10-4	0950	16286	Mon	02411 00093 05114 ... 19491 46747 02234	MFSK-16/20Bd	(AB)
XPA2	10-4	1500	15881	Mon	00296 00291 20842 ... 72500 96147 63352	MFSK-16/20Bd	(AB)
XPA2	10-4	1520	14481	Mon	00296 00291 20842 ... 72500 96147 63352	MFSK-16/20Bd	(AB/RL-HOL)
XPA2	10-4	1540	13381	Mon	00296 00291 20842 ... 72500 96147 63352	MFSK-16/20Bd	(AB/RL-HOL)
XPA2	11-4	0500	10249	Tue	08554 00089 81020 ... 15346 77500 26675	MFSK-16/20Bd	(AB)
XPA2	11-4	0520	11449	Tue	08554 00089 81020 ... 15346 77500 26675	MFSK-16/20Bd	(AB)
XPA2	11-4	0540	12149	Tue	08554 00089 81020 ... 15346 77500 26675	MFSK-16/20Bd	(AB)
XPA2	11-4	1100	16341	Tue	07110 00001 00000 31660	MFSK-16/20Bd	(AB)
XPA2	11-4	1120	14841	Tue	07110 00001 00000 31660	MFSK-16/20Bd	(AB)
XPA2	11-4	1140	13941	Tue	07110 00001 00000 31660	MFSK-16/20Bd	(AB)
XPA2	11-4	1200	14442	Tue	00547 00198 97683 ... 14063 03544 72542	MFSK-16/20Bd	(AB)
XPA2	11-4	1220	15842	Tue	00547 00198 97683 ... 14063 03544 72542	MFSK-16/20Bd	(AB)

XPA2	11-4	1240	16342	Tue	00547 00198 97683 ... 14063 03544 72542	MFSK-16/20Bd	(AB)
XPA2	11-4	1600	15819	Tue	00118 00198 08399 ... 48669 09975 75502	MFSK-16/20Bd	(AB/MPJ)
XPA2	11-4	1620	14919	Tue	00118 00198 08399 ... 48669 09975 75502	MFSK-16/20Bd	(AB/MPJ)
XPA2	11-4	1640	13919	Tue	00118 00198 08399 ... 48669 09975 75502	MFSK-16/20Bd	(AB/MPJ)
XPA2	12-4	0700	11409	Wed	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	12-4	0720	12209	Wed	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	12-4	0740	13409	Wed	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	12-4	0910	18038	Wed	02411 00093 05114 ... 19491 46747 02234	MFSK-16/20Bd	(AB)
XPA2	12-4	0930	17474	Wed	02411 00093 05114 ... 19491 46747 02234	MFSK-16/20Bd	(AB)
XPA2	12-4	0950	16286	Wed	02411 00093 05114 ... 19491 46747 02234	MFSK-16/20Bd	(AB)
XPA2	12-4	1100	17426	Wed	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	12-4	1120	16326	Wed	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	12-4	1140	14926	Wed	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	13-4	0500	10249	Thu	08554 00089 81020 ... 15346 77500 26675	MFSK-16/20Bd	(AB)
XPA2	13-4	0520	11449	Thu	08554 00089 81020 ... 15346 77500 26675	MFSK-16/20Bd	(AB)
XPA2	13-4	0540	12149	Thu	08554 00089 81020 ... 15346 77500 26675	MFSK-16/20Bd	(AB)
XPA2	13-4	0910	15859	Thu	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	13-4	0930	14659	Thu	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	13-4	0950	13459	Thu	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	13-4	1100	17426	Thu	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	13-4	1120	16326	Thu	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	13-4	1140	14926	Thu	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	13-4	1600	15819	Thu	00118 00198 08399 ... 48669 09975 75502	MFSK-16/20Bd	(AB/MPJ)
XPA2	13-4	1620	14919	Thu	00118 00198 08399 ... 48669 09975 75502	MFSK-16/20Bd	(AB/MPJ)
XPA2	13-4	1640	13919	Thu	00118 00198 08399 ... 48669 09975 75502	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-4	0800	13881	Fri	06392 00096 06260 ... 72588 21939 33113	MFSK-16/20Bd	(AB)
XPA2	14-4	0820	14881	Fri	06392 00096 06260 ... 72588 21939 33113	MFSK-16/20Bd	(AB)
XPA2	14-4	0840	16281	Fri	06392 00096 06260 ... 72588 21939 33113	MFSK-16/20Bd	(AB)
XPA2	14-4	1100	16341	Fri	09052 00001 00000 32266	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-4	1120	14841	Fri	09052 00001 00000 32266	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-4	1140	13941	Fri	09052 00001 00000 32266	MFSK-16/20Bd	(AB/MPJ)
XPA2	15-4	0910	15859	Sat	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	15-4	0930	14659	Sat	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	15-4	0950	13459	Sat	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	15-4	1500	15881	Sat	00296 00291 20842 ... 72500 96147 63352	MFSK-16/20bd	(AB/MPJ)
XPA2	15-4	1520	14481	Sat	00296 00291 20842 ... 72500 96147 63352	MFSK-16/20bd	(AB/MPJ)
XPA2	15-4	1540	13381	Sat	00296 00291 20842 ... 72500 96147 63352	MFSK-16/20bd	(AB/MPJ)
XPA2	16-4	0800	13881	Sun	06392 00096 06260 ... 72588 21939 33113	MFSK-16/20Bd	(AB)
XPA2	16-4	0820	14881	Sun	06392 00096 06260 ... 72588 21939 33113	MFSK-16/20Bd	(AB)
XPA2	16-4	0840	16281	Sun	06392 00096 06260 ... 72588 21939 33113	MFSK-16/20Bd	(AB)
XPA2	16-4	1200	14442	Sun	00547 00198 97683 ... 14063 03544 72542	MFSK-16/20Bd	(AB)
XPA2	16-4	1220	15842	Sun	00547 00198 97683 ... 14063 03544 72542	MFSK-16/20Bd	(AB)

XPA2	16-4	1240	16342	Sun	00547 00198 97683 ... 14063 03544 72542	MFSK-16/20Bd	(AB)
XPA2	17-4	0700	11409	Mon	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	17-4	0720	12209	Mon	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	17-4	0740	13409	Mon	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	17-4	0910	18038	Mon	08188 00035 89289 ... 40127 81237 33412	MFSK-16/20Bd	(AB)
XPA2	17-4	0930	17474	Mon	08188 00035 89289 ... 40127 81237 33412	MFSK-16/20Bd	(AB)
XPA2	17-4	0950	16286	Mon	08188 00035 89289 ... 40127 81237 33412	MFSK-16/20Bd	(AB)
XPA2	17-4	1500	15881	Mon	05745 00001 00000 37261	MFSK-16/20Bd	(AB/MPJ)
XPA2	17-4	1520	14481	Mon	05745 00001 00000 37261	MFSK-16/20Bd	(AB/MPJ)
XPA2	17-4	1540	13381	Mon	05745 00001 00000 37261	MFSK-16/20Bd	(AB/MPJ)
XPA2	18-4	0500	10249	Tue	06994 00117 39266 ... 55768 59541 00112	MFSK-16/20Bd	(AB)
XPA2	18-4	0520	11449	Tue	06994 00117 39266 ... 55768 59541 00112	MFSK-16/20Bd	(AB)
XPA2	18-4	0540	12149	Tue	06994 00117 39266 ... 55768 59541 00112	MFSK-16/20Bd	(AB)
XPA2	18-4	1100	16341	Tue	00363 00192 19460 ... 02560 24823 11400	MFSK-16/20Bd	(AB)
XPA2	18-4	1120	14841	Tue	00363 00192 19460 ... 02560 24823 11400	MFSK-16/20Bd	(AB)
XPA2	18-4	1140	13941	Tue	00363 00192 19460 ... 02560 24823 11400	MFSK-16/20Bd	(AB)
XPA2	18-4	1200	14442	Tue	06722 00001 00000 35660	MFSK-16/20Bd	(AB)
XPA2	18-4	1220	15842	Tue	06722 00001 00000 35660	MFSK-16/20Bd	(AB)
XPA2	18-4	1240	16342	Tue	06722 00001 00000 35660	MFSK-16/20Bd	(AB)
XPA2	18-4	1600	15819	Tue	07453 00001 00000 34664	MFSK-16/20Bd	(AB/MPJ)
XPA2	18-4	1620	14919	Tue	07453 00001 00000 34664	MFSK-16/20Bd	(AB/MPJ)
XPA2	18-4	1640	13919	Tue	07453 00001 00000 34664	MFSK-16/20Bd	(AB/MPJ)
XPA2	19-4	0700	11409	Wed	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	19-4	0720	12209	Wed	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	19-4	0740	13409	Wed	06308 00188 87314 ... 74660 30497 66762	MFSK-16/20Bd	(AB)
XPA2	19-4	0910	18038	Wed	08188 00035 89289 ... 40127 81237 33412	MFSK-16/20Bd	(AB)
XPA2	19-4	0930	17474	Wed	08188 00035 89289 ... 40127 81237 33412	MFSK-16/20Bd	(AB)
XPA2	19-4	0950	16286	Wed	08188 00035 89289 ... 40127 81237 33412	MFSK-16/20Bd	(AB)
XPA2	19-4	1100	17426	Wed	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	19-4	1120	16326	Wed	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	19-4	1140	14926	Wed	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	20-4	0500	10249	Thu	06994 00117 39266 ... 55768 59541 00112	MFSK-16/20Bd	(AB)
XPA2	20-4	0520	11449	Thu	06994 00117 39266 ... 55768 59541 00112	MFSK-16/20Bd	(AB)
XPA2	20-4	0540	12149	Thu	06994 00117 39266 ... 55768 59541 00112	MFSK-16/20Bd	(AB)
XPA2	20-4	0910	15859	Thu	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	20-4	0930	14659	Thu	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	20-4	0950	13459	Thu	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	20-4	1100	17426	Thu	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	20-4	1120	16326	Thu	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	20-4	1140	14926	Thu	07007 00181 78974 ... 34395 91450 57210	MFSK-16/20Bd	(AB)
XPA2	20-4	1600	15819	Thu	03308 00001 00000 36653	MFSK-16/20Bd	(AB)
XPA2	20-4	1620	14919	Thu	03308 00001 00000 36653	MFSK-16/20Bd	(AB)

XPA2	20-4	1640	13919	Thu	03308 00001 00000 36653	MFSK-16/20Bd	(AB)
XPA2	21-4	0800	13881	Fri	03922 00001 00000 36655	MFSK-16/20Bd	(AB)
XPA2	21-4	0820	14881	Fri	03922 00001 00000 36655	MFSK-16/20Bd	(AB)
XPA2	21-4	0840	16281	Fri	03922 00001 00000 36655	MFSK-16/20Bd	(AB)
XPA2	21-4	1100	16341	Fri	00363 00192 19460 ... 02560 24823 11400	MFSK-16/20Bd	(AB)
XPA2	21-4	1120	14841	Fri	00363 00192 19460 ... 02560 24823 11400	MFSK-16/20Bd	(AB)
XPA2	21-4	1140	13941	Fri	00363 00192 19460 ... 02560 24823 11400	MFSK-16/20Bd	(AB)
XPA2	22-4	0910	15859	Sat	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	22-4	0930	14659	Sat	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	22-4	0950	13459	Sat	08959 00198 83303 ... 19784 44987 13425	MFSK-16/20bd	(AB)
XPA2	22-4	1500	15881	Sat	05279 00001 00000 36664	MFSK-16/20bd	(AB)
XPA2	22-4	1520	14481	Sat	05279 00001 00000 36664	MFSK-16/20bd	(AB)
XPA2	22-4	1540	13381	Sat	05279 00001 00000 36664	MFSK-16/20bd	(AB)
XPA2	23-4	0800	13881	Sun	05085 00001 00000 33665	MFSK-16/20Bd	(AB)
XPA2	23-4	0820	14881	Sun	05085 00001 00000 33665	MFSK-16/20Bd	(AB)
XPA2	23-4	0840	16281	Sun	05085 00001 00000 33665	MFSK-16/20Bd	(AB)
XPA2	23-4	1200	14442	Sun	02498 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	23-4	1220	15842	Sun	02498 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	23-4	1240	16342	Sun	02498 00001 00000 37263	MFSK-16/20Bd	(AB)
XPA2	24-4	0700	11409	Mon	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB)
XPA2	24-4	0720	12209	Mon	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB)
XPA2	24-4	0740	13409	Mon	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB)
XPA2	24-4	0910	18038	Mon	09501 00001 00000 34261	MFSK-16/20Bd	(AB)
XPA2	24-4	0930	17474	Mon	09501 00001 00000 34261	MFSK-16/20Bd	(AB)
XPA2	24-4	0950	16286	Mon	09501 00001 00000 34261	MFSK-16/20Bd	(AB)
XPA2	24-4	1500	15881	Mon	00351 00241 65821 ... 91404 45883 10672	MFSK-16/20Bd	(AB/MPJ)
XPA2	24-4	1520	14481	Mon	00351 00241 65821 ... 91404 45883 10672	MFSK-16/20Bd	(AB/MPJ)
XPA2	24-4	1540	13381	Mon	00351 00241 65821 ... 91404 45883 10672	MFSK-16/20Bd	(AB/MPJ)
XPA2	25-4	0500	10249	Tue	02470 00109 29175 ... 55977 12625 42330	MFSK-16/20Bd	(AB)
XPA2	25-4	0520	11449	Tue	02470 00109 29175 ... 55977 12625 42330	MFSK-16/20Bd	(AB)
XPA2	25-4	0540	12149	Tue	02470 00109 29175 ... 55977 12625 42330	MFSK-16/20Bd	(AB)
XPA2	25-4	1100	16341	Tue	06989 00104 29491 ... 18273 91579 16607	MFSK-16/20Bd	(AB)
XPA2	25-4	1120	14841	Tue	Off during the intro	MFSK-16/20Bd	(AB)
XPA2	25-4	1140	13941	Tue	06989 00104 29491 ... 18273 91579 16607	MFSK-16/20Bd	(AB)
XPA2	25-4	1200	14442	Tue	00588 00142 73395 ... 55414 34885 44527	MFSK-16/20Bd	(AB)
XPA2	25-4	1220	15842	Tue	00588 00142 73395 ... 55414 34885 44527	MFSK-16/20Bd	(AB)
XPA2	25-4	1240	16342	Tue	00588 00142 73395 ... 55414 34885 44527	MFSK-16/20Bd	(AB)
XPA2	25-4	1600	15819	Tue	00400 00283 49971 ... 60719 10205 05650	MFSK-16/20Bd	(AB)
XPA2	25-4	1620	14919	Tue	00400 00283 49971 ... 60719 10205 05650	MFSK-16/20Bd	(AB)
XPA2	25-4	1640	13919	Tue	00400 00283 49971 ... 60719 10205 05650	MFSK-16/20Bd	(AB)
XPA2	26-4	0700	11409	Wed	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB)
XPA2	26-4	0720	12209	Wed	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB)

XPA2	26-4	0740	13409	Wed	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB)
XPA2	26-4	0910	18038	Wed	08965 00001 00000 40266	MFSK-16/20Bd	(AB)
XPA2	26-4	0930	17474	Wed	08965 00001 00000 40266	MFSK-16/20Bd	(AB)
XPA2	26-4	0950	16286	Wed	08965 00001 00000 40266	MFSK-16/20Bd	(AB)
XPA2	26-4	1100	17426	Wed	01478 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	26-4	1120	16326	Wed	01478 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	26-4	1140	14926	Wed	01478 00001 00000 37260	MFSK-16/20Bd	(AB)
XPA2	27-4	0500	10249	Thu	02470 00109 29175 ... 55977 12625 42330	MFSK-16/20Bd	(AB)
XPA2	27-4	0520	11449	Thu	02470 00109 29175 ... 55977 12625 42330	MFSK-16/20Bd	(AB)
XPA2	27-4	0540	12149	Thu	02470 00109 29175 ... 55977 12625 42330	MFSK-16/20Bd	(AB)
XPA2	27-4	0910	15859	Thu	05823 00001 00000 36657	MFSK-16/20bd	(AB)
XPA2	27-4	0930	14659	Thu	05823 00001 00000 36657	MFSK-16/20bd	(AB)
XPA2	27-4	0950	13459	Thu	05823 00001 00000 36657	MFSK-16/20bd	(AB)
XPA2	27-4	1100	17426	Thu	09118 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	27-4	1120	16326	Thu	09118 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	27-4	1140	14926	Thu	09118 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	27-4	1600	15819	Thu	00400 00283 49971 ... 60719 10205 05650	MFSK-16/20Bd	(AB/MPJ)
XPA2	27-4	1620	14919	Thu	00400 00283 49971 ... 60719 10205 05650	MFSK-16/20Bd	(AB/MPJ)
XPA2	27-4	1640	13919	Thu	00400 00283 49971 ... 60719 10205 05650	MFSK-16/20Bd	(AB/MPJ)
XPA2	28-4	0800	13881	Fri	00191 00105 10436 ... 54769 21823 22771	MFSK-16/20Bd	(AB)
XPA2	28-4	0820	14881	Fri	00191 00105 10436 ... 54769 21823 22771	MFSK-16/20Bd	(AB)
XPA2	28-4	0840	16281	Fri	00191 00105 10436 ... 54769 21823 22771	MFSK-16/20Bd	(AB)
XPA2	28-4	1100	16341	Fri	06989 00104 29491 ... 18273 91579 16607	MFSK-16/20Bd	(AB/MPJ)
XPA2	28-4	1120	14841	Fri	06989 00104 29491 ... 18273 91579 16607	MFSK-16/20Bd	(AB/MPJ)
XPA2	28-4	1140	13941	Fri	06989 00104 29491 ... 18273 91579 16607	MFSK-16/20Bd	(AB/MPJ)
XPA2	29-4	0910	15859	Sat	04405 00001 00000 35654	MFSK-16/20bd	(AB)
XPA2	29-4	0930	14659	Sat	04405 00001 00000 35654	MFSK-16/20bd	(AB)
XPA2	29-4	0950	13459	Sat	04405 00001 00000 35654	MFSK-16/20bd	(AB)
XPA2	29-4	1500	15881	Sat	00351 00241 65821 ... 91404 45883 10672	MFSK-16/20bd	(AB)
XPA2	29-4	1520	14481	Sat	00351 00241 65821 ... 91404 45883 10672	MFSK-16/20bd	(AB)
XPA2	29-4	1540	13381	Sat	00351 00241 65821 ... 91404 45883 10672	MFSK-16/20bd	(AB)
XPA2	30-4	0800	13881	Sun	00191 00105 10436 ... 54769 21823 22771	MFSK-16/20Bd	(AB)
XPA2	30-4	0820	14881	Sun	00191 00105 10436 ... 54769 21823 22771	MFSK-16/20Bd	(AB)
XPA2	30-4	0840	16281	Sun	00191 00105 10436 ... 54769 21823 22771	MFSK-16/20Bd	(AB)
XPA2	30-4	1200	14442	Sun	00588 00142 73395 ... 55414 34885 44527	MFSK-16/20Bd	(AB/MPJ)
XPA2	30-4	1220	15842	Sun	00588 00142 73395 ... 55414 34885 44527	MFSK-16/20Bd	(AB/MPJ)
XPA2	30-4	1240	16342	Sun	00588 00142 73395 ... 55414 34885 44527	MFSK-16/20Bd	(AB/MPJ)
XPB1	1-4	1100	13562	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-4	1110	12162	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-4	1120	11562	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-4	1130	11162	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-4	1140	10562	Sat	Russian intel.	MFSK-16	(AB/HFD)

XPB1	1-4	1150	10262	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-4	1200	17474	Sat	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	1-4	1210	16274	Sat	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	1-4	1220	15974	Sat	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	1-4	1230	14974	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-4	1240	14374	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-4	1250	13874	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-4	0500	13527	Mon	Russian intel.	MFSK-16	(AB)
XPB1	3-4	0510	13927	Mon	Russian intel.	MFSK-16	(AB)
XPB1	3-4	0520	14727	Mon	Russian intel.	MFSK-16	(AB)
XPB1	3-4	0530	14927	Mon	Russian intel.	MFSK-16	(AB)
XPB1	3-4	0540	15827	Mon	Russian intel.	MFSK-16	(AB)
XPB1	3-4	0550	16327	Mon	Russian intel.	MFSK-16	(AB)
XPB1	3-4	1200	17474	Mon	Russian intel.	MFSK-16	(AB)
XPB1	3-4	1210	16274	Mon	Russian intel.	MFSK-16	(AB)
XPB1	3-4	1220	15974	Mon	Russian intel.	MFSK-16	(AB)
XPB1	3-4	1230	14974	Mon	Russian intel.	MFSK-16	(AB)
XPB1	3-4	1240	14374	Mon	Russian intel.	MFSK-16	(AB)
XPB1	3-4	1250	13874	Mon	Russian intel.	MFSK-16	(AB)
XPB1	4-4	0500	13527	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-4	0510	13927	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-4	0520	14727	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-4	0530	14927	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-4	0540	15827	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-4	0550	16327	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-4	1300	20038	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-4	1310	19538	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-4	1320	18268	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-4	1330	17468	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-4	1340	16268	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-4	1350	15868	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-4	1100	13562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	5-4	1110	12162	Wed	Russian intel.	MFSK-16	(AB)
XPB1	5-4	1120	11562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	5-4	1130	11162	Wed	Russian intel.	MFSK-16	(AB)
XPB1	5-4	1140	10562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	5-4	1150	10262	Wed	Russian intel.	MFSK-16	(AB)
XPB1	5-4	1430	7703	Wed	Russian intel.	MFSK-16	(AB)
XPB1	7-4	1300	20038	Fri	Russian intel.	MFSK-16	(AB)
XPB1	7-4	1310	19538	Fri	Russian intel.	MFSK-16	(AB)
XPB1	7-4	1320	18268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	7-4	1330	17468	Fri	Russian intel.	MFSK-16	(AB)

XPB1	7-4	1340	16268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	7-4	1350	15868	Fri	Russian intel.	MFSK-16	(AB)
XPB1	8-4	1100	13562	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8-4	1110	12162	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8-4	1120	11562	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8-4	1130	11162	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8-4	1140	10562	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8-4	1150	10262	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8-4	1200	17474	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	8-4	1210	16274	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8-4	1220	15974	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8-4	1230	14974	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8-4	1240	14374	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8-4	1250	13874	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10-4	0500	13527	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-4	0510	13927	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-4	0520	14727	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-4	0530	14927	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-4	0540	15827	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-4	0550	16327	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-4	1200	17474	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-4	1210	16274	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-4	1220	15974	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-4	1230	14974	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-4	1240	14374	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-4	1250	13874	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11-4	0500	13527	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-4	0510	13927	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-4	0520	14727	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-4	0530	14927	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-4	0540	15827	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-4	0550	16327	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-4	1300	20038	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-4	1310	19538	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-4	1320	18268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-4	1330	17468	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-4	1340	16268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-4	1350	15868	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12-4	1100	13562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12-4	1110	12162	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12-4	1120	11562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12-4	1130	11162	Wed	Russian intel.	MFSK-16	(AB)

XPB1	12-4	1140	10562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12-4	1150	10262	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14-4	1300	20038	Fri	Russian intel.	MFSK-16	(AB)
XPB1	14-4	1310	19538	Fri	Russian intel.	MFSK-16	(AB)
XPB1	14-4	1320	18268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	14-4	1330	17468	Fri	Russian intel.	MFSK-16	(AB)
XPB1	14-4	1340	16268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	14-4	1350	15868	Fri	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1100	13562	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1110	12162	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1120	11562	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1130	11162	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1140	10562	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1150	10262	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1200	17474	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1210	16274	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1220	15974	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1230	14974	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1240	14374	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-4	1250	13874	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17-4	0500	13527	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-4	0510	13927	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-4	0520	14727	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-4	0530	14927	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-4	0540	15827	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-4	0550	16327	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-4	1200	17474	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-4	1210	16274	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-4	1220	15974	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-4	1230	14974	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-4	1240	14374	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-4	1250	13874	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18-4	0500	13527	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18-4	0510	13927	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18-4	0520	14727	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18-4	0530	14927	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18-4	0540	15827	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18-4	0550	16327	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18-4	1300	20038	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18-4	1310	19538	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18-4	1320	18268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18-4	1330	17468	Tue	Russian intel.	MFSK-16	(AB)

XPB1	18-4	1340	16268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18-4	1350	15868	Tue	Russian intel.	MFSK-16	(AB)
XPB1	19-4	1100	13562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	19-4	1110	12162	Wed	Russian intel.	MFSK-16	(AB)
XPB1	19-4	1120	11562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	19-4	1130	11162	Wed	Russian intel.	MFSK-16	(AB)
XPB1	19-4	1140	10562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	19-4	1150	10262	Wed	Russian intel.	MFSK-16	(AB)
XPB1	21-4	1300	20038	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	21-4	1310	19538	Fri	Russian intel.	MFSK-16	(AB)
XPB1	21-4	1320	18268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	21-4	1330	17468	Fri	Russian intel.	MFSK-16	(AB)
XPB1	21-4	1340	16268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	21-4	1350	15868	Fri	Russian intel.	MFSK-16	(AB)
XPB1	22-4	1100	13562	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	22-4	1110	12162	Sat	Russian intel.	MFSK-16	(AB)
XPB1	22-4	1120	11562	Sat	Russian intel.	MFSK-16	(AB)
XPB1	22-4	1130	11162	Sat	Russian intel.	MFSK-16	(AB)
XPB1	22-4	1140	10562	Sat	Russian intel.	MFSK-16	(AB)
XPB1	22-4	1150	10262	Sat	Russian intel.	MFSK-16	(AB)
XPB1	22-4	1200	17474	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	22-4	1210	16274	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	22-4	1220	15974	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	22-4	1230	14974	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	22-4	1240	14374	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	22-4	1250	13874	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	24-4	0500	13527	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-4	0510	13927	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-4	0520	14727	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-4	0530	14927	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-4	0540	15827	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-4	0550	16327	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-4	1200	17474	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-4	1210	16274	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-4	1220	15974	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-4	1230	14974	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-4	1240	14374	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-4	1250	13874	Mon	Russian intel.	MFSK-16	(AB)
XPB1	25-4	0500	13527	Tue	Russian intel.	MFSK-16	(AB)
XPB1	25-4	0510	13927	Tue	Russian intel.	MFSK-16	(AB)
XPB1	25-4	0520	14727	Tue	Russian intel.	MFSK-16	(AB)
XPB1	25-4	0530	14927	Tue	Russian intel.	MFSK-16	(AB)

XPB1	25-4	0540	15827	Tue	Russian intel.	MFSK-16	(AB)
XPB1	25-4	0550	16327	Tue	Russian intel.	MFSK-16	(AB)
XPB1	25-4	1300	20038	Tue	Russian intel.	MFSK-16	(AB)
XPB1	25-4	1310	19538	Tue	Russian intel.	MFSK-16	(AB)
XPB1	25-4	1320	18268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	25-4	1330	17468	Tue	Russian intel.	MFSK-16	(AB)
XPB1	25-4	1340	16268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	25-4	1350	15868	Tue	Russian intel.	MFSK-16	(AB)
XPB1	26-4	1100	13562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	26-4	1110	12162	Wed	Russian intel.	MFSK-16	(AB)
XPB1	26-4	1120	11562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	26-4	1130	11162	Wed	Russian intel.	MFSK-16	(AB)
XPB1	26-4	1140	10562	Wed	Russian intel.	MFSK-16	(AB)
XPB1	26-4	1150	10262	Wed	Russian intel.	MFSK-16	(AB)
XPB1	28-4	1300	20038	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	28-4	1310	19538	Fri	Russian intel.	MFSK-16	(AB)
XPB1	28-4	1320	18268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	28-4	1330	17468	Fri	Russian intel.	MFSK-16	(AB)
XPB1	28-4	1340	16268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	28-4	1350	15868	Fri	Russian intel.	MFSK-16	(AB)
XPB1	29-4	1100	13562	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	29-4	1110	12162	Sat	Russian intel.	MFSK-16	(AB)
XPB1	29-4	1120	11562	Sat	Russian intel.	MFSK-16	(AB)
XPB1	29-4	1130	11162	Sat	Russian intel.	MFSK-16	(AB)
XPB1	29-4	1140	10562	Sat	Russian intel.	MFSK-16	(AB)
XPB1	29-4	1150	10262	Sat	Russian intel.	MFSK-16	(AB)
XPB1	29-4	1200	17474	Sat	Russian intel.	MFSK-16	(AB)
XPB1	29-4	1210	16274	Sat	Russian intel.	MFSK-16	(AB)
XPB1	29-4	1220	15974	Sat	Russian intel.	MFSK-16	(AB)
XPB1	29-4	1230	14974	Sat	Russian intel.	MFSK-16	(AB)
XPB1	29-4	1240	14374	Sat	Russian intel.	MFSK-16	(AB)
XPB1	29-4	1250	13874	Sat	Russian intel.	MFSK-16	(AB)
XSL	14-4	1345	4231.5	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	14-4	1345	4291	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	14-4	1345	6250	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	14-4	1345	6417	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	14-4	1345	6445	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	14-4	1345	8313	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	14-4	1345	8703.5	Fri	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	19-4	1825	4231.5	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	19-4	1825	4291	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	19-4	1825	6250	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)

XSL	19-4	1825	6417	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	19-4	1825	6445	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	19-4	1825	8313	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	19-4	1825	8703.5	Wed	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)

CONTRIBUTORS

AB	Ary Boender, Netherlands	EW	Eddy Waters, Australia
AB-AUT	Ary Boender via remote rx Austria	HFD	Hans-Friedrich Dumrese, Germany
AB-BLR	Ary Boender via remote rx Belarus	HFD-J	Hans-Friedrich Dumrese via remote rx Japan
AB-CHN	Ary Boender via remote rx China	HFD-USA	Hans-Friedrich Dumrese via remote rx USA
AB-CYP	Ary Boender via remote rx Cyprus	JPL	JPL, NB, Canada (and various remote rx)
AB-CZE	Ary Boender via remote rx Czech Rep.	JPL-J	JPL via remote rx Japan
AB-D	Ary Boender via remote rx Germany	Mario	Mario
AB-F	Ary Boender via remote rx France	Mario-S	Mario via remote rx Sweden
AB-FIN	Ary Boender via remote rx Finland	Moon	Moonlight (Dave AU)
AB-HNG	Ary Boender via remote rx Hungary	MPJ	Jim, SW England
AB-J	Ary Boender via remote rx Japan	MPJ-AUT	Jim via remote rx Austria
AB-KOR	Ary Boender via remote rx South Korea	MPJ-FIN	Jim via remote rx Finland
AB-KWT	Ary Boender via remote rx Kuwait	PY	Pierre Ynard, France and via remote rx
AB-POL	Ary Boender via remote rx Poland	RL	Roberto Landolpho, Brazil
AB-ROU	Ary Boender via remote rx Romania	RL-HOL	Roberto Landolpho via remote rx Netherlands
AB-RUS	Ary Boender via remote rx Russia	RO	Rando One, Sweden
AB-TWN	Ary Boender via remote rx Taiwan	RR2	Rich Ray, IL, USA
AB-USA	Ary Boender via remote rx USA	Subilo	Subilo
AB-VTN	Ary Boender via remote rx Vietnam	T101	RadiotehnikaT101 via Priyom
Anon	Anonymous	Vlad	Vladdi
AVX	AlphaVax, Germany	WN	William Neelin
Dan	Daniel LU5EMM, Argentina		

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	Pietiorka	Funuf	Fiver
6	—	Sáu	Six	Szest	Sechs	Six
7	— — — ..	Ba|y	Seven	Siem	Sieben	Seven
8	— — — . .	Tám	Eight	Wosiem	Acht	Eight
9	— — — — .	Chín	Nine	Diewiet	Neugen	Niner
=	—					
/	—					

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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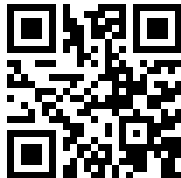
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986 48932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 76
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 11
791 87364 87265 96718 27638 12673 84769 28743 98127 5
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
986 98432 32432 86743 43286 43286 43286 43286 43286 43286
743 85743 86743 39867 32867 86743 43286 43286 43243 86
751 86743 86743 86743 86743 86743 86743 86743 86743 86
583 98798 98754 98754 98754 98754 29867 67543 67986 867
76 87698 69876 87698 69876 87612 12341 34867 86798 652
667 43298 65656 56756 56123 32143 14321 32143 14321 321
88 82787 58765 76587 58765 76587 58765 76587 58756 765
98 86765 76587 86765 76587 86765 76587 86765 76587 86765

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