

27364	92836	89428	81268	74982	46498	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
58767	58767	58767	58765	76587	58765	76587	58756

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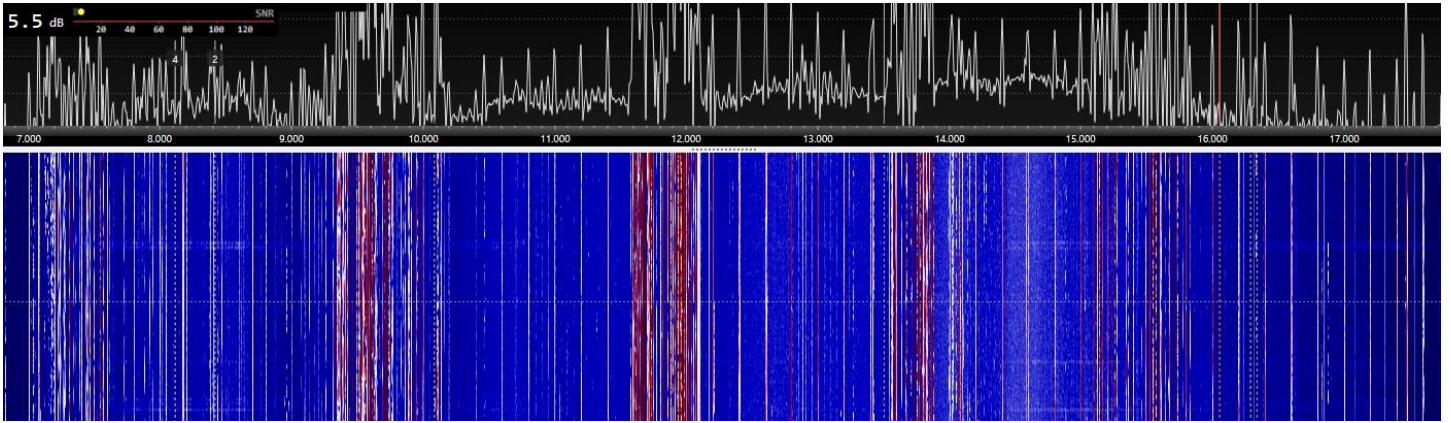
"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

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



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FOREWORD

I visited the **Secret Communications 4** exhibition in Duivendrecht, Netherlands, which was very interesting and enjoyable. The exhibition was organised by the [Crypto Museum](#) and the [Foundation for German Communication \(CDV&T\)](#). Many thanks to Crypto Museum's Marc and Paul for the organisation, excellent explanation and the great stories. I have included some pictures of the event. You can still visit the exhibition on 17 December. More info: <https://www.cryptomuseum.com/events/2023/sc/index.htm>. Be sure to read the article about the Rubicon investigations. See <https://www.cryptomuseum.com/intel/cia/rubicon.htm> for the full story.

The Russians were very active with a lot of F06 traffic. M23 also showed up and disappeared again. It was joined by UM05 another unid French station that was active throughout the month. HM01 was silent in November.

Due to circumstances I had no time to edit all logs, which result in ca 200 duplicates. Lack of time is also the reason why N&O is late. I expect that the January edition will either be very late or it will be a Jan/Feb combination.

VOICE STATIONS

E06

18285/20140 kHz, 02-11/03-11, 0600/0700 UTC

507 384 61
28753 34393 94759 08341 83138 96558 67998 34529 76956 78496
60986 11183 94851 21482 45312 89072 11995 77609 37672 07810
82086 68575 87536 94709 16474 00028 42649 61020 09078 04916
59542 23260 86796 14292 51256 10581 90092 78980 89464 44109
13441 90566 03167 99194 60325 75142 41162 86510 92480 58245
90475 12931 78049 24414 67927 08142 68361 19826 27039 27902
58011
384 61 00000

18285/20140 kHz, 16-11/17-11, 0600/0700 UTC

507 149 62
60504 08630 53830 37412 41682 12105 21145 33745 72416 62623
15307 99008 04123 13630 60344 12412 03128 23194 53813 72738
93409 36478 22866 97468 45925 01111 44877 44638 81702 51408
12305 55909 80894 22384 46478 44253 14971 78476 89999 74705
44252 74942 32446 11631 47954 66843 49059 30920 78939 61568
57110 20569 60373 65829 19633 18079 66450 59069 51198 58101
54394 22215
149 62 00000

Test transmissions

At the same time as M14, E06 appeared on 10755 kHz: with a similar pattern, super long callup then truncated message. Not only did these tests happen concurrently, which isn't how it's usually done: tests on different frequencies are normally sequential, the transmitter tuning to the next frequency when it's done with the previous transmission. But they were in fact pretty much synchronized, starting the message and then cutting off the transmission at the same time. (PY)

10755 kHz, 09-11, 0905 + 0918 UTC 975 twice
10755 kHz, 09-11, 1002 + 1013 UTC 1200Hz test tone
10755 kHz, 09-11, 1100 UTC
975 (R29m) 148 60
70859 71528 81099 48389 48530 25363 03365 53606 86165 81733
78434 56255 42084 05450 71437 62434 23994 96159 61163 43789
53684 55560 94834 05166 74002 66024 00020 37893 84051 10350
02105 00908 13551 87300 20771 96895 72290 02647

16168/13863 kHz, 02-11/03-11 UTC

361 482 39
10032 54302 62597 09299 46616 65551 13499 02238 29149 95838
95136 71884 36906 93468 83676 47280 31184 20375 41001 73950
95140 45055 48152 24854 07324 03969 81058 22770 72326 48577
14482 03791 57014 20216 65129 76620 05754 19983 09856
482 39 00000

16163/13863 kHz, 09-11, 0300/0400 UTC

16168/13863 kHz, 10-11, 0300/0400 UTC

361 527 40
24665 49358 31548 93552 71100 82597 14685 52053 68206 43806
62286 13773 74965 66335 08373 60120 29927 75539 17669 79537
74403 48455 02785 47160 19500 92732 37590 85431 17935 49484
90212 22862 26586 49744 24108 93115 70687 79238 40635 41625
527 40 00000

The 2023-11-10 0400z transmission had a mishap: it was interrupted in group #39, then 4m50s of silence ensued while the transmitter remained up, followed by a 1200Hz test tone then 361 R1m before resuming the message from group #27 until the end. (PY)

16170/13863 kHz, 16-11/17-11, 0300/0400 UTC

361 980 41
92370 69528 43329 95658 15380 36500 40432 05596 53084 94710
27891 64654 55944 40489 82435 06958 21888 75070 43228 68222
04091 12257 93905 14762 49716 40865 18560 42108 86795 27890
61326 91710 01449 73335 44270 59126 72616 52639 23267 92164
56501
980 41 00000

16163/13863 kHz, 23-11, 0300/0400 UTC

16173/13863 kHz, 24-11, 0300/0400 UTC

361 758 42
59745 42086 59460 42667 05348 01821 73684 76215 08571 12043
78805 89360 99397 28687 59651 07000 81098 37038 62242 32253
09384 91195 09896 20746 32574 58730 45213 84293 78761 00186
46384 66159 00867 38145 91240 55092 15547 95529 67507 30308
96897 07823
758 42 00000

16173/13863 kHz, 30-11, 0300/0400 UTC

361 209 43
04749 18437 53093 96356 82028 79462 48459 09813 59687 55878
52284 43443 29194 54212 18192 45232 04753 91957 40939 00461
45277 01150 43080 08783 58480 42592 14849 27404 35537 72923
18209 35064 89751 31686 90997 96508 97664 40622 12105 32139
66039 32345 13624
209 43 00000

06-11/07-11: No transmissions

10673/14398 kHz 13-11/14-11, 0210/0310 UTC

537 910 45
89377 81724 40957 46324 52693 74806 24721 36116 52501 08075
62125 77943 33250 57664 78245 94240 67331 61669 19296 69762
21961 48339 62339 43895 39452 31164 59467 75318 79294 13043
27397 33726 95496 66721 18412 98279 47611 83690 33584 67490
68893 08721 64231 10216 40028
910 45 00000

10673 kHz, 20-11, 0210 UTC

14398 kHz, 20-11, 0310 UTC. No transmission

10673/14398 kHz 21-11, 0210/0310 UTC

537 289 46

65541 29138 78553 49717 85569 87949 55327 93937 42312 19307
97503 67606 03797 88420 31503 79664 73874 85322 36367 44713
97609 70561 65984 62948 04656 10842 21042 48612 95312 28040
87856 92934 98937 10043 86294 72471 59419 56827 93960 38795
27378 60247 38845 50477 63802 40936
289 46 00000

10673/14398 kHz 27-11/28-11, 0210/0310 UTC

537 160 47

56471 37702 99088 06607 94315 44421 82563 85392 55375 85663
69951 35533 08687 48381 79871 44423 37791 58067 53729 63806
99906 68376 72565 37718 84424 47321 56797 44983 44145 27248
84822 35959 97718 10756 91396 68193 26708 49774 31742 70701
15719 39961 22311 91545 09034 97628 94152
160 47 00000

E07

14737/13537/12137 kHz, 1500/1520/1540 UTC

14737/13537/12137 kHz, 07-11/10-11, 1500/1520/1540 UTC

751 751 751 1 7981 95 7981 95

92305 48839 86362 32117 69008 45577 91468 57432 84803 55911
09960 55716 60125 36946 15690 92504 92255 37591 36440 18480
52671 05682 64699 73145 07994 23785 62355 02790 91753 34545
31124 31239 86176 55896 95609 34000 66102 02558 36240 24287
22787 92976 27174 16194 62399 65969 42582 65941 47569 95022
97830 86983 99125 69155 97478 87584 01891 88834 45687 97844
54614 12180 85359 24044 49011 86729 04629 77526 67149 19732
73191 85363 01725 94687 90929 12685 48428 46915 06490 63208
87969 07217 47259 80333 54768 01870 25084 40134 70534 41010
36247 95513 66490 29776 04074 000 000

14737/13537/12137 kHz, 21-11/24-11, 1500/1520/1540 UTC

751 751 751 1 6643 144 6643 144

23447 05914 42402 94689 12473 38927 85158 93378 05301 63269
74761 03574 26428 72816 00610 43522 78096 51026 36112 68327
70856 31216 51724 75541 21034 81723 26943 75819 89298 78452
64743 06240 62615 81780 83800 25428 82794 24026 45237 10617
90106 69252 78127 41607 60282 43077 88889 11092 85792 44844
82843 23677 85576 45772 34241 38738 07058 03425 71836 46264
88073 61675 51948 08689 63919 26514 78094 27175 52544 39951
96832 42945 71164 36850 71248 81199 60022 23117 55642 60947
05084 40325 59677 02338 12730 27410 70993 20991 99054 29458
54478 71083 92664 73777 91133 54077 20697 49378 18103 65740
74801 54950 41759 85872 62843 41049 00600 73570 05883 67184
91080 90379 69195 20153 08651 22340 43494 31277 90133 90381
62087 92556 44038 73882 67649 60437 62459 48664 46755 96050
69329 83149 39915 60570 69029 06758 44263 82640 46990 65676
97694 10863 69211 78167 000 000

11574/10274/9274 kHz, 1410/1430/1450 UTC

11574/10274/9274 kHz, 23-11/25-11, 1410/1430/1450 UTC

327 327 327 1 5948 91 5984 91

55059 29907 86910 72541 93554 30811 59950 90572 02243 20613
98464 32663 08406 65333 87965 46606 29002 48197 19076 15757
82173 28149 20846 19717 42404 10293 34026 04659 22950 36758

25970 62674 18143 81659 24916 56022 73811 13366 70574 12876
28343 83283 71083 93741 76581 67775 78050 77838 33423 72082
71726 45491 30789 26291 61419 78664 52424 41883 28985 08411
59093 58648 09940 23450 15698 95155 01548 61790 16785 37030
94545 02904 74928 25086 03795 85655 29633 48266 42418 72719
92040 72997 89499 12295 46533 61748 17291 55818 53733 07703
20392 000 000

11574/10274/9274 kHz, 1410/1430/1450 UTC

11574/10274/9274 kHz, 09-11/11-11, 1410/1430/1450 UTC

327 327 327 1 5055 69 5055 69
79613 04602 52536 74781 76994 75432 51891 05784 77203 91509
57474 56825 04063 29787 55962 27374 75887 63831 89818 03734
35003 84693 14517 91801 75825 72673 33430 19622 58092 93717
38083 34817 48308 04744 39577 94683 58080 33354 19274 05053
09709 17911 33715 53978 63753 24447 46142 24704 15830 38491
05624 64417 33470 02397 12404 25717 63329 97489 10437 67881
58738 02719 99998 24305 17552 80006 31946 23108 30974 000 000

E11a

7469 kHz, 01-11/02-11, 0930 UTC

278/36 Attention
75936 80325 86436 42856 29350 45330 30319 26785 43374 14356
97974 58118 68207 14247 03005 65510 97727 05872 49764 34012
22452 73145 18101 27726 05726 17041 75461 24474 89287 64520
62286 50586 19418 76981 12870 99563
Attention (message repeated) Out

5082 kHz, 02-11, 2000 UTC

528/39 Attention
67676 68466 46068 84918 44633 61474 06356 41378 74761 73560
93511 74074 73821 19287 10099 04679 59573 80996 58374 76042
76458 92315 49550 35472 59834 34335 89032 24798 42443 14930
95010 84133 45961 17067 50323 11355 75053 23405 20345
Attention (message repeated) Out

23004 kHz, 06-11, 0600 UTC

954/25 Attention
24713 12815 73819 99442 69226 31987 37475 73068 97961 66692
42624 23476 31417 19151 44767 32276 14313 25738 00703 97626
50635 13233 66955 15613 42307
Attention (message repeated) Out

12924 kHz, 06-11, 1745 UTC

245/40 Attention
16546 32277 96059 27976 09463 74369 01516 56914 72387 81144
02685 01132 35346 93512 84201 89268 72175 28511 88327 40160
46514 52134 02654 70776 19574 51414 08930 35592 50006 03116
97175 32331 74955 60621 99770 58173 72077 38452 65387 79642
Attention (message repeated) Out

7840 kHz, 07-11/09-11, 0645 UTC

519/31 Attention
86849 08500 89076 77076 09899 23160 19738 20044 40663 90468
06835 78859 91380 88343 52445 01195 88633 72118 90686 33489
38129 74263 77332 48439 50053 93243 21746 76235 48160 70461
53438
Attention (message repeated) Out

6804 kHz, 07-11, 0700 UTC

574/35 Attention

55609 55675 82124 58915 69518 60385 76621 54910 42844 60983
46163 31233 17719 79072 63335 93592 04496 38146 67988 14879
29260 69722 51652 06880 93337 07135 50744 98895 66900 68136
52975 10560 50395 01740 80009
Attention (message repeated) Out

14611 kHz, 07-11, 0820 UTC

136/31 Attention

56595 89362 22464 08664 22179 16782 67887 86570 27510 15802
25164 24007 96418 33687 35831 14534 62704 71545 93893 34857
19237 18630 97341 48177 44144 74861 36315 93001 34359 53634
27084
Attention (message repeated) Out

17378 kHz, 07-11/09-11, 0745 UTC

155/36 Attention

84435 62347 81148 96556 53020 43804 26126 32524 19927 61300
58685 34381 28557 08321 94604 73015 71621 64867 80526 21085
55850 77163 54546 64893 96430 55521 64832 16203 38208 64464
70961 22637 35225 11343 39607 80140
Attention (message repeated) Out

9079 kHz, 07-11/10-11, 1000 UTC

300/30 Attention

48681 44512 94248 63180 44511 40004 09018 82742 88440 59871
75100 69775 54203 84297 74596 11643 83166 11280 52606 28955
26924 16680 40296 39082 22741 74524 03653 89032 92463 32155
Attention (message repeated) Out

13363 kHz, 07-11/11-11, 1430 UTC

912/32 Attention

05834 19216 79539 48540 99433 61950 53730 23556 08748 90976
77158 75065 75822 87759 05508 59558 49254 57620 11418 62898
77716 54810 94627 25922 08325 50556 98547 23780 94146 88779
98085 68200
Attention (message repeated) Out

23004 kHz, 08-11, 0600 UTC

945/25 Attention

24713 12815 73819 99442 69226 31987 37475 73068 97961 66692
42624 23476 31417 19151 44767 32276 14313 25738 00703 97626
50635 13233 66955 15613 42307
Attention (message repeated) Out

17378 kHz, 08-11/10-11, 0745 UTC

349/33 Attention

19580 59531 11289 80696 40902 03976 89778 60245 82295 12727
79206 58949 65245 45707 90783 09547 41541 34149 36493 25867
26269 01850 60660 61072 67611 30096 36201 56759 21583 58216
45869 17431 33553
Attention (message repeated) Out

14611 kHz, 08-11, 0820 UTC

136/31 Attention

56595 89362 22464 08664 22179 16782 67887 86570 27510 15802
25164 24007 96418 33687 35831 14534 62704 71545 93893 34857
19237 18630 97341 48177 44144 74861 36315 93001 34359 53634
27084
Attention (message repeated) Out

5082 kHz, 08-11/10-11, 1715 UTC

970/31 Attention

14086 39045 01675 66244 94845 69227 59335 10447 36272 62243

75472 94303 85521 98626 53650 00069 12427 84918 18355 49522

05452 79605 54717 28912 19606 70132 38724 71767 66539 09960

50603

Attention (message repeated) Out



Gretag TC53 rotor machine

6986 kHz, 09-11/10-11, 0820 UTC

435/38 Attention

32156 93049 47675 94859 00241 58825 25307 76836 93390 22998

25186 72238 04745 63363 22532 20259 63441 64555 78994 23707

43592 66135 05257 17899 79900 22089 99291 12754 53315 10127

94208 20313 35249 80005 04558 34047 42211 96215

Attention (message repeated) Out

7850 kHz, 10-11/12-11, 0600 UTC

354/33 Attention

16697 05291 95961 78395 17186 84585 42670 55864 66951 73018

19521 94955 25112 43472 18749 56312 47160 89436 41986 20366

51479 64639 84552 76775 82106 35868 30016 52823 12035 40483

70762 29455 75937

Attention (message repeated) Out

6849 kHz, 10-11/12-11, 1815 UTC

925/33 Attention

27310 72633 62941 17054 09783 25724 98803 36994 90171 92590
93361 77459 22969 35233 26851 85864 75196 45031 93003 15280
91012 62311 84719 82584 61728 58651 97667 64649 02894 22721
54398 81811 97275

Attention (message repeated) Out

5371 kHz, 11-11/12-11, 0700 UTC

490/32 Attention

19108 82677 43048 49220 11284 96939 70763 76503 46737 93501
48533 46176 88481 08266 25624 01596 68924 45909 11115 63093
78800 14122 56046 59393 75926 22565 06827 17461 43680 17463
75286 47051

Attention (message repeated) Out

4909 kHz, 11-11/12-11, 1530 UTC

360/33 Attention

10371 98548 06874 36518 66428 92656 63819 72552 14704 40232
68704 32107 95020 24285 50442 62429 49615 91753 36400 76523
87384 89956 46042 50971 15017 22731 90851 95410 21269 08693
90404 34578 49171

Attention (message repeated) Out

12924 kHz, 12-11, 1745 UTC

245/40 Attention

16546 32277 96059 27976 09463 74369 01516 56914 72387 81144
02685 01132 35346 93512 84201 89268 72175 28511 88327 40160
46514 42134 02654 70776 19574 51414 08930 35592 50006 03116
97175 32331 74955 60621 99770 58173 72077 38452 65387 79642

Attention (message repeated) Out

4909 kHz, 13-11, 0450 UTC

415/33 Attention

39416 36182 94046 45359 42966 86581 20893 75576 66466 55935
22005 88327 68160 55764 62649 11714 24251 09474 54565 83555
64254 33606 65006 04247 33466 82665 32881 42156 79185 61011
56887 80616 64114

Attention (message repeated) Out

10213 kHz, 13-11, 0745 UTC

5409 kHz, 16-11, 1530 UTC

261/31 Attention

74989 87098 22431 29326 14676 66123 92378 23241 15550 46411
68635 60418 67018 12983 22302 42425 74563 81097 58730 04478
67712 53657 10450 91525 41480 68411 37070 87645 96109 29726
87530

Attention (message repeated) Out

23353 kHz, 13-11/17-11, 0830 UTC

183/36 Attention

16945 63975 89471 69883 47816 34965 18988 85095 31647 41961
41083 72253 50590 26382 13554 02864 74571 23248 07200 40424
83765 60777 60171 08514 21871 20714 48687 91703 82120 57540
79748 21957 92194 50856 84968 08411

Attention (message repeated) Out

11092 kHz, 13-11, 0900 UTC

533/32 Attention

48789 14320 10124 85539 34260 12734 08871 20304 90275 41744
90044 54767 89436 10586 31305 75544 73964 25655 94210 88265
78297 66146 01379 55495 50313 51445 94413 53515 98260 52438
61737 20974 Attention (message repeated) Out

6849 kHz, 13-11/16-11, 1900 UTC

649/36 Attention

86082 82594 86856 35088 85349 18886 59997 84587 84516 90825
15472 45967 59521 99565 33811 75747 67421 58301 89031 14358
44165 87226 79534 96776 54029 16033 62459 81147 48592 75553
09305 94969 49973 69470 43588 33415

Attention (message repeated) Out

9130 kHz, 14-11/17-11, 0715 UTC

639/38 Attention

32225 93531 47464 01911 50498 99337 78491 02328 42142 43172
63315 54167 63465 85880 23705 74273 63762 99415 65585 81964
36734 73429 38022 20028 07155 39546 42219 53939 26677 77850
89785 78255 33304 63703 88431 66898 87428 78024

Attention (message repeated) Out

5432 kHz, 14-11/19-11, 1605 UTC

232/38 Attention

41958 83639 16198 94432 37866 31575 15562 51932 21874 40496
78141 02167 91204 17042 96877 59359 28739 19022 48699 95093
61382 20808 70727 15081 74707 93837 10767 39963 34278 58400
02472 48943 61212 23812 99431 60997 64792 51552

Attention (message repeated) Out

11092 kHz, 15-11, 0900 UTC

533/32 Attention

48789 14320 10124 85539 34260 12734 08871 20304 90275 41744
90044 54767 89436 10586 31305 75544 73964 25655 94210 88265
78297 66146 01379 55495 50313 51445 94413 53515 98260 52438
61737 20974

Attention (message repeated) Out

4505 kHz, 15-11/18-11, 1910 UTC

392/31 Attention

75938 44509 65489 92518 80027 28715 08884 02427 39117 48152
21192 06739 90781 37676 08918 50776 08271 35436 17751 37709
45649 17127 96996 05904 22534 85420 63977 57469 02891 46393
90498

Attention (message repeated) Out

5779 kHz, 16-11, 1730 UTC

415/33 Attention

39416 36182 94046 45359 42966 86591 20893 75576 66466 55935
22005 88327 68160 55764 62649 11714 24251 09474 54565 83555
64254 33606 65006 04247 33466 82665 32881 42156 79185 61011
56887 80616 65114

Attention (message repeated) Out

10487 kHz, 19-11, 1910 UTC

617/31 Attention

53125 17353 12290 55716 84505 48700 79728 96978 12093 14884
23571 32482 45563 57401 84342 77669 64038 10806 55577 21763
82453 01755 43764 67293 09193 62685 63305 39906 54405 82415
57297

Attention (message repeated) Out

12067 kHz, 20-11/22-11, 0845 UTC

715/33 Attention

68837 82948 22924 01096 03982 35345 61764 91503 15665 54889
67941 21500 73254 93150 52064 48986 96798 13351 82085 08989
92892 44396 69726 65943 52889 65872 63376 20778 12884 50988
60751 19353 17132

Attention (message repeated) Out

11100 kHz, 20-11/22-11, 1045 UTC

696/38 Attention

34078 27047 17822 58991 26282 85467 15020 56797 78226 96574
98224 00839 95253 99039 10194 78932 60416 02772 28811 98531
12258 55796 81029 78201 01592 56906 08681 62225 88464 81911
76717 27273 37418 91778 99230 31374 76361 92302

Attention (message repeated) Out

13908 kHz, 21-11/23-11, 0745 UTC

228/33 Attention

27995 26158 84036 26790 08162 47904 03977 33775 95732 19338
30701 20622 83002 37860 05915 70288 44254 41746 46059 78950
04403 66639 05028 87228 90463 85882 40099 13033 77775 98465
01971 93367 71671

Attention (message repeated) Out

11104 kHz, 27-11/29-11, 0715 UTC

750/36 Attention

95743 96635 88179 88434 14097 73670 97725 14285 30028 66507
66340 25455 70261 09427 17347 14064 23263 17722 31909 89141
61435 43436 08121 55803 83599 93065 06042 60165 67899 99712
35744 93726 99935 73346 50104 14311

Attention (message repeated) Out

4909 kHz, 27-11/30-11, 1300 UTC

311/36 Attention

52882 43978 34788 80622 97475 83394 57716 88550 70292 45628
10281 26737 17688 69229 75356 54229 05978 85730 24651 23846
09546 56293 44997 71114 15305 96627 63530 24738 10293 19716
55836 27773 21724 43889 57234 40559

Attention (message repeated) Out

11559 kHz, 28-11/29-11, 1205 UTC

466/32 Attention

63284 71934 31373 62799 38539 69682 14171 02556 60652 46891
31774 82706 33688 72819 69581 44558 30790 76463 93882 11521
79828 00450 69812 80980 63055 93313 18520 08518 46494 31793
91367 06414

Attention (message repeated) Out

E25

6140 kHz, 13-11, 0900 UTC, AM Test tone followed by an Egyptian song that lasted for about 10 Minutes.

S06

Test transmissions

13397/9194 kHz, 01-11, 1500/1600 UTC, S06e

387 469 2
11111 00061
469 2
387 215 40
92635 89241 96251 69188 38287 05667 76154 42263 94803 60674
96804 91061 53934 69037 87219 11429 23689 89720 11828 48525
19979 27852 99072 33611 19302 41869 95903 50231 58391 85528
96572 71971 91778 39471 19196 38994 43202 12018 28499 65528
215 40 00000

11073 kHz, 02-11, 0700 UTC. Sent from the Chita site

352 (R3m11s) .. stopped, silence
352 (R45s) 701 35
33078 65840 39913 84435 17240 54106 37155 43495 43076 ... off; restart
352 (4x)
39913 84435 17240 54106 37155 43495 43076 67527 83172 56705
67624 97127 37255 1640... carrier off; restart
26906 08215 off; restart
352 (R2m)
56705 67624 97127 37255 16400 06935 70008 44159 67617 67507
00293 57579 69242 70801 05403 90295 88464 44242 54862 26906
08215 77171 43797 60104
701 35 00000

Reconstructed message:

352 701 35
33078 65840 39913 84435 17240 54106 37155 43495 43076 67527
83172 56705 67624 97127 37255 16400 06935 70008 44159 67617
67507 00293 57579 69242 70801 05403 90295 88464 44242 54862
26906 08215 77171 43797 60104
701 35 00000

11073 kHz, 03-11, 0820 UTC. Sent from the Chita site

352 701 35
33078 65840 39913 84435 17240 54106 37155 43495 43076 67527
83172 56705 67624 97127 37255 16400 06935 70008 44159 67617
67507 00293 57579 69242 70801 05403 90295 88464 44242 54862
26906 08215 77171 43797 60104
701 35 00000

11073 kHz, 09-11, 0831 UTC, i.p.. Sent from the Chita site

352 (R2m)
44600 74207 15492 30949 92409 40529 09940 49714 off, restart
352 (R1m)
70341 43771 63937 08004 60267
107 35 00000

7812/5743 kHz, 17-11/18-11, 2000/2100 UTC

637 902 54
85661 85346 58277 56378 08830 63982 61805 36332 15712 79171
14294 83147 79162 53980 81994 11793 33205 88716 97026 83240
90425 97509 04239 38944 21567 18600 58566 53769 97953 34071
07428 51954 98170 80770 57349 91934 81841 91777 12685 22589
41972 44316 71707 42833 47495 56790 40417 71636 48083 58507
12328 54537 10312 79360
902 54 00000

Regular transmissions

11616/9322 kHz, 01-11, 0400/0420 UTC

480 159 62
08083 87521 87173 42846 58980 07044 02045 63961 00590 06508
12592 63598 37116 99882 28389 63246 19041 29779 88522 63587
51019 00709 96693 63755 06922 48008 34537 71706 00427 84571
64106 60387 84628 92667 55459 49398 79077 52814 00274 16823
47709 27245 97434 70930 76079 39808 21534 36421 21360 19700
10223 34915 33523 01136 31338 64367 71158 96175 15761 07088
60351 62878
159 62 00000

11616/9322 kHz, 02-11, 0400/0420 UTC

480 273 55
35168 46497 98981 57510 40294 77871 73919 69311 18729 36635
47851 75389 10424 97616 45293 25163 71621 92811 55099 32308
92746 69575 65193 17183 54285 88762 47013 97793 25335 36245
06847 15220 34520 46245 46250 04466 67966 79923 98736 46647
73999 67658 34922 63468 79280 08453 53312 39920 46050 74909
98929 86142 25174 97208 76948
273 55 00000

11616/9322 kHz, 03-11, 0400/0420 UTC

480 169 52
98778 90223 96281 88808 78097 60075 83979 80346 05219 63842
48594 57215 83072 43198 08622 37560 05701 59845 04973 62930
40706 26465 49471 09498 29358 26051 15258 08859 34079 68051
11266 89162 87972 54769 07980 72618 26088 56458 06634 90288
03122 18538 69073 00096 27218 49383 50432 18996 64579 62117
01839 05248
169 52 00000

No transmission on 6-11.

11616/9322 kHz, 07-11, 0400/0420 UTC

480 253 61
84102 35787 66838 70423 80875 75285 80672 12205 07448 69416
22436 00293 62885 14864 57263 43925 86224 46034 28350 89910
40688 99914 00013 31683 27694 29867 45378 41495 16590 98025
27140 67947 01036 00998 44818 66037 18001 08556 46959 51908
90279 20004 31716 99507 78491 67905 84245 21310 53485 23564
24357 00322 25094 86040 62854 65538 88171 53100 90006 28046
71857
253 61 00000

11616/9322 kHz, 08-11, 0400/0420 UTC

480 378 50
08984 74006 89675 31647 38956 84378 88897 88707 49605 67392
67936 79427 59257 87988 93069 18080 28702 72272 80532 89437
74744 43978 22614 97982 10010 92290 70484 00814 01221 31944
78455 47680 63106 41545 39344 76577 30153 91061 65649 38351
73370 94396 96208 48747 54262 48013 33032 91326 33195 41517
378 50 00000

11616/9322 kHz, 09-11, 0400/0420 UTC

480 125 63
99735 84923 30729 72677 40008 54583 91900 99847 67096 69548
81045 00656 64047 06261 61397 71428 88254 05469 80619 45076
52285 45120 79018 50945 16917 74297 02948 00560 13568 94111
53063 47669 38312 96521 22140 96058 84655 96989 02116 53545
07282 21930 65072 55602 33929 36872 47819 07058 67612 26295
94784 15285 46353 61043 38895 13347 52624 14300 25127 96509
89685 12008 06423
125 63 00000

11616/9322 kHz, 10-11/13-11, 0400/0420 UTC

480 651 70
48031 70824 55293 35548 78356 84959 30204 89775 40332 11414
57387 60299 66293 09411 95628 29411 84478 78988 14430 66174
22991 49616 80841 79347 68175 40784 06158 69623 19566 05504
07171 54623 08603 92655 61652 65082 73311 89119 62771 35663
06124 27633 02116 38836 17029 71303 36024 35268 79247 10725
14896 39142 49313 34621 80185 21865 80841 59972 58755 02591
67890 32542 09282 98991 95587 33757 00399 36729 79706 54870
651 70 00000

11616/9322 kHz, 14-11, 0400/0420 UTC

480 293 59
22202 04587 22278 04417 32872 35671 35794 09632 82966 85433
77057 58192 36868 09947 72210 84678 61890 92824 49549 56728
01953 57349 18917 65724 99790 21275 64473 84385 53638 23994
99273 33432 19326 80758 55108 24529 93713 43628 06031 71672
40427 73860 49018 88239 43797 55398 90195 11854 01977 04171
10060 24277 95142 52875 06153 58511 89738 15937 36611
293 59 00000

11616/9322 kHz, 15-11, 0400/0420 UTC

480 671 59
18422 63979 45142 95484 83159 92874 80781 55196 17699 87570
74703 79248 71419 29604 82803 63217 77638 37792 35274 13600
21555 76672 22556 96345 76639 07231 92719 42512 26679 65852
89965 59493 15644 82426 88912 21245 92581 73555 04388 35953
43716 71797 81380 14585 28940 76879 94872 88754 64887 39823
14205 51339 21782 15919 11694 18292 26234 47477 20169
671 59 00000

11616/9322 kHz, 16-11, 0400/0420 UTC

480 532 69
50022 14511 25402 84641 42368 51760 93056 48988 89676 92265
95773 65367 94828 80680 83059 87537 32738 97215 59177 27812
94927 24267 35000 10057 23263 58829 08861 67706 68783 50409
74846 78990 36567 69107 81974 56546 02576 33568 92680 33622
13399 53478 14063 14047 04857 66303 00320 78156 00376 72950
49810 61863 75100 02045 45185 51060 96655 57505 10025 58543
78510 29113 80413 75642 06876 70749 14892 15742 27075
532 69 00000

11616 kHz, 17-11, 0400 UTC. Unstable call up with drop outs, station went completely off air during group count call
9322 kHz, 17-11, 0420 UTC. Transmission stopped mid-message, restarted with call ID, continued with the last transmitted group

480 971 58
09052 20440 74955 36894 25844 54108 74144 98708 22364 64459
17300 34655 18874 10499 62893 29363 74832 46036 37573 79027
61030 49126 27092 64837 20501 95351 86489 22600 10378 35894
74183 31992 41910 66324 39694 73876 60799 97061 19648 29128
35060 61414 21790 17393 42588 22176 01653 99231 75621 62676
61608 90080 04281 73253 26951 59463 66390 69067
971 58 00000

11616/9322 kHz, 21-11, 0400/0420 UTC

480 931 57
06879 22435 53930 25335 03672 85351 85851 84419 60459 95926
71038 67512 39746 01619 96464 32897 25021 55197 77618 91189
10254 05975 33396 73565 09798 93084 71252 51265 24648 20497
81045 98546 25979 18469 61002 16291 41902 21098 24260 58437
58394 14680 59403 28434 70310 36556 43448 37902 43442 29136
30705 44687 73543 78783 65949 12501 53268
931 57 00000

11616/9322 kHz, 22-11, 0400/0420 UTC

480 756 53
11778 15014 85996 00211 19153 35185 56748 70523 88935 52435
70914 12077 06082 63883 50784 94790 87555 66144 13398 48664
82350 74174 58501 72312 57927 72234 17154 44728 02780 45435
03156 51201 99783 65271 34507 59342 50052 27607 17066 06135
51951 66535 07606 81961 64988 92558 98450 22542 13249 28516
90884 44719 08068
756 53 00000

23/8 November: not monitored

11616/9322 kHz, 29-11, 0400/0420 UTC

480 563 70
75312 13012 34048 12982 56712 47175 15976 54647 07512 25146
83802 74170 59706 22208 65481 44006 14030 09296 26991 25559
10094 22422 13218 42365 36068 29863 77618 97133 57611 95525
92831 93558 70716 61951 59438 48868 08178 01387 55046 08025
54354 08354 90909 95526 47920 32160 68239 65741 77297 72797
51414 37718 98443 88645 00281 25403 29697 89435 28711 99205
03357 12909 81623 39850 78687 08592 47651 70452 46044 77151
563 70 00000

S06c

13963 kHz, 22-11, 0604 UTC 800Hz test tones followed by 11214 (R7m) at 0605s
13963 kHz, 22-11, 0620 UTC 11214 (R4m)
10363 kHz, 22-11, 0625 UTC 800Hz test tones followed by 11214 (R4m) at 0630z
214 would be the same ID as the Thursday F06 link 80214 schedule. A coincidence??

S11a

10448 kHz, 07-11, 1400 UTC

425/32 Vnimanaye
97197 66887 83675 44155 78049 45606 73040 18069 26306 08910
08125 55946 75021 83057 93776 54084 48929 39476 59482 49134
01033 03253 76526 91224 52723 01523 60847 87896 83219 90196
25130 44490
Vnimanaye (message repeated) Konets

11486 kHz, 08-11/11-11, 1850 UTC

285/34 Vnimanaye
80174 61271 53537 43052 92578 28058 12565 61971 86500 33613
97386 38462 74423 41612 30712 96570 10575 99144 44962 51066
63822 30024 38674 21037 99839 48046 71592 88451 54850 26806
22097 62540 01584 04920
Vnimanaye (message repeated) Konets

10448 kHz, 10-11, 1400 UTC

425/32 Vnimanaye
97197 66887 83675 44155 78048 45606 73040 18069 26306 08910
08125 55946 75021 83057 93776 54084 48929 39476 59482 49134
01033 03253 76426 91224 42723 01523 60847 87896 83219 90196
25130 44490
Vnimanaye (message repeated) Konets

9050 kHz, 13-11/16-11, 0700 UTC

475/33 Vnimanaye
30251 03081 53985 90097 78252 64094 01684 70666 72168 56377
57809 86617 90074 69428 46881 42946 54822 30055 95906 83838
25637 15032 80938 61856 98194 66290 59286 71291 13631 23205
13814 60368 95020
Vnimanaye (message repeated) Konets

6252 kHz, 13-11/17-11, 0915 UTC

486/35 Vnimanaye
45043 14934 85426 46056 31676 35856 43115 57578 08532 43704
39396 87492 62555 89074 98487 88824 73270 76344 81748 47554
26425 78779 64952 20495 97359 72623 58159 71933 70163 54525
10442 69941 50584 66428 00071
Vnimanaye (message repeated) Konets

23486 kHz, 15-11/17-11, 0725 UTC

383/33 Vnimanije

32222 77340 88605 53056 04901 99900 63724 05907 75703 56857
53950 02551 37241 66408 75245 11554 02073 76705 08074 10789
85356 90079 71489 60442 64566 02409 96220 38543 65507 13476
48490 98071 52881

Vnimanije (message repeated) Konets

5371 kHz, 18-11/19-11, 0830 UTC

378/34 Vnimanije

27515 62008 34206 07904 64961 01460 12389 36822 98271 88349
06213 41426 00699 10661 55082 61259 60383 94501 71068 47698
99115 09333 19359 29030 07411 45387 33945 17926 58379 00602
27950 41709 13529 04714

Vnimanije (message repeated) Konets

V07

17431 kHz, 05-11 and 26-11, 0200 UTC

414 414 414 1 7148 123 7148 123
39346 11010 44191 19887 01864 68317 44603 24643 03384 66822
18642 71494 03198 84030 06375 51760 69140 10558 73372 51890
40447 63168 28022 06345 85955 74611 91178 04050 33091 78663
09915 32032 57738 52427 81114 83258 74996 70894 07551 01044
04538 27165 47949 42387 71051 36301 02748 17552 84957 70364
22283 11751 21970 67939 29724 49015 06471 41548 37438 20549
17453 06321 72105 77839 50212 74274 37391 66803 66151 48476
06952 45819 36231 63914 04374 92571 59112 93713 93488 51739
81200 58041 84638 28966 54935 37466 69620 41437 37890 59458
67889 57056 07657 68977 93979 40256 79031 52025 16343 52866
55694 13057 56533 96253 14693 09676 85261 77768 94384 08442
43892 15023 08985 11062 68214 31958 97104 18920 42646 28410
85426 86835 75549 000 000

17431 kHz, 12-11, 0200 UTC

411 414 414 1 576 109 576 109
63426 49432 79142 61643 28756 29455 36056 57625 80071 65968
89100 21937 44214 99909 83120 66798 51016 11623 72654 32787
67796 78171 73988 61082 69853 21407 22837 42781 81009 79850
25169 67491 77805 38638 71675 49172 11779 93898 91870 57201
89689 00311 18709 53383 75808 97193 56067 11231 00234 18513
61472 22083 26128 65512 93896 30881 02111 69283 48182 18765
13611 59847 25852 73741 97922 16473 58453 35801 80092 55321
83696 70859 73519 26327 32422 36895 35324 77851 34609 72934
02063 45070 31881 97313 76584 73448 55686 69741 64866 21954
38963 09910 12375 65729 69247 72762 51704 12462 59490 40672
60940 17752 95008 60260 72792 61515 73595 82634 91482 000 000

17431 kHz, 19-11, 0200 UTC

Unreadable. Bad audio

V28 - 앵무새 Aengmusae (Parrot)

5489 kHz, 06-11, 2207 UTC, AM Parrot

5239 kHz, 09-11, 1208 UTC, AM Parrot. Male operator



Russian Fialka 125

MORSE STATIONS

M01

5320 kHz, 02-11, 1800 UTC

197 590 590 30 30 = =

00022 77180 85500 81905 73285 91855 90942 85771 95817 05006

40044 00561 85991 85620 50572 95810 85504 74247 85662 64370

74622 42745 36272 80024 84665 82274 62742 75760 00206 22200

= = 590 590 30 30 000

4490 kHz, 02-11, 2000 UTC

197 672 672 30 30 = =
00011 92001 95502 86491 75810 95001 84755 91050 81710 77502
04400 85866 72745 03320 85718 75004 72857 92885 30599 71655
95981 85732 05005 96849 85611 84610 85005 39820 64570 77000
= = 672 672 30 30 000

5810 kHz, 04-11, 1500 UTC

197 159 159 30 30 = =
90909 12312 55443 98765 98786 90987 50543 10101 20234 66554
34345 55466 98765 20234 12345 67543 76765 88008 65432 00443
70756 12123 45673 90987 70076 50546 46465 33884 98765 00002
= = 159 159 30 30 000

5465 kHz, 05-11, 0700 UTC

197 405 405 30 30 = =
34567 23231 90909 87876 45544 34321 90087 50505 12312 23456
65654 78766 34567 98765 11223 10101 46453 57568 98976 09876
33455 12345 50567 88005 30321 87555 40456 87654 99807 76567
= = 405 405 30 30 000

5320 kHz, 07-11, 1807 UTC. Late start without ID.

VVV
785 785 30 30 = =
11765 12765 13765 14765 15765 16765 17765 18765 19765 10765
21765 22765 23765 24765 25765 26765 27765 28765 29765 20765
31765 32765 33765 34765 35765 36765 37765 28765 29765 20765
785 785 30 30 000

4490 kHz, 07-11, 1800 UTC. Several wrong repeats and the first group is missing.

197 746 746 30 30 = =
12090 13090 14090 15090 16090 18090 17090 19090 10090
21090 22090 23090 24090 25090 26090 27090 28090 29090 20090
31090 32090 33090 34090 35090 36090 37090 38090 39090 30090
= = 746 746 30 30 000

5320 kHz, 09-11, 1800 UTC

197 534 534 30 30 = =
10745 10432 12546 20453 40567 30564 50678 18645 50648 75043
57643 95467 10745 57645 30789 25613 36574 70564 78542 10945
86743 20385 30456 60574 60547 40563 20743 85743 10205 43657
= = 534 534 30 30 000

4490 kHz, 09-11, 2000 UTC

197 328 328 30 30 = =
50604 20473 10662 12857 90839 75643 3__95 80756 74825 10985
49365 32767 55436 29087 14873 90854 44028 53278 80627 18736
63578 97531 456_3 89653 13217 97835 70809 14362 60556 18754
= = 328 328 30 30 000

5810 kHz, 11-11, 1500 UTC. Error in red. Group 21 was not repeated

197 306 306 30 30 = =
28764 43672 20936 78836 17004 10006 20485 39555 20985 39555
12398 012398 00056 30026 00175 38611 73993 72004 05503 55588 12744
20016 55503 28466 20064 (1153) 71153 88053 26399 53338 67207
= = 306 306 30 30 000

5465 kHz, 12-11, 0659 UTC

197 832 832 30 30 = =
18756 24367 28746 19582 10528 50528 18928 18505 17654 10824
17545 10554 65285 10285 56018 56243 19756 43860 02756 19475
19745 13457 02345 74563 15427 19756 02567 94562 13089 55025
= = 832 832 30 30 000

5320 kHz, 14-11, 1800 UTC

197 654 654 30 30 = =
11789 12789 13789 14789 15789 16789 17789 18789 19789 10789
21789 22789 23789 24789 25789 26789 27789 28789 29789 20789
312345 (restart from group 20)
21789 22789 23789 24789 25789 26789 27789 28789 29789 20789
31789 32789 33789 34789 35789 36789 37789 38789 39789 30789
= = 654 654 30 30 000

4490 kHz, 14-11, 2000 UTC

197 376 376 30 30 = =
11565 12565 13565 14565 15565 16565 17565 18565 19565 10565
21565 22565 23565 24565 25565 26565 27565 28565 29565 20565
31565 32565 33565 34565 35565 36565 37565 38565 39565 30565
= = 376 376 30 30 000

Groups 11, 20, 21 were not repeated

5320 kHz, 16-11, 1800 UTC

197 381 381 30 30 = =
38291 64831 51943 38592 73921 74937 30174 29105 38295 38291
83028 18395 13745 28195 38103 73827 90284 28194 74823 29170
29325 38401 37285 29521 27492 20171 73021 63421 29154 47385
= = 381 38 30 30 000

4490 kHz, 16-11, 2000 UTC

197 499 499 30 30 = =
92815 03728 73821 47382 30575 03927 91748 03942 73821 03965 73821 03965
28520 54832 57381 57485 20174 37529 73017 93720 63816 02845
29185 30492 57362 48185 29416 83615 03923 28105 503050 50305 38204
= = 499 499 30 30 000

Groups 9, 10 and 29 were sent twice. Error in group 29

5810 kHz, 18-11, 1500 UTC

197 875 875 30 30 = =
80978 68790 65789 24351 54678 86790 46578 80909 58631 63579
84696 17389 85742 90745 41325 86090 44687 15279 59706 42768
13145 68979 80901 41321 58376 48697 58907 32695 64970 79806
= = 875 875 30 30 000

5465 kHz, 19-11, 0700 UTC

197 156 156 30 30 = =
68745 32896 89706 90809 64537 65478 32546 12345 65993 65823
89574 90758 25634 80967 56546 76876 43523 86534 76589 15643
85632 90677 56545 80907 15342 17564 87968 75869 95642 45673
= = 156 156 30 30 000

5810 kHz, 25-11, 1500 UTC

197 738 738 30 30 = =
87366 77187 67800 81100 73890 00188 75500 58300 55810 85500
88100 55551 83990 11840 77384 55527 81746 37449 11164 73800
77396 77189 77445 99110 88336 78339 84466 28455 88100 77390
= = 738 738 30 30 000

5465 kHz, 26-11, 0700 UTC

197 745 745 30 30 = =
63782 46788 45627 46729 73645 28793 47736 46889 36225 34675
45783 46224 47688 66637 66243 11890 63877 65555 25399 46772
82745 73653 66689 35134 07894 66609 72534 66785 11190 56672
745 745 30 30 000

5320 kHz, 30-11, 1800 UTC

197 357 357 30 30 = =
73948 32536 73648 35465 89756 98987 53421 74558 92036 08967
45364 87562 64921 74932 80709 94728 74523 89675 12345 53421
68432 92847 09785 15345 18264 08798 17365 92748 90908
= = 357 357 30 30 000

No breaks between repeats, sent as 10-figure groups. Only 29 groups were sent.

4490 kHz, 30-11, 2000 UTC

197 188 188 30 30 = =
16574 98097 65869 12345 75970 16489 24657 19587 10290 16589
65657 15432 87069 17594 43657 97896 26478 95840 28609 34256
75634 36589 25476 28698 08097 53789 25456 87879
= = 188 188 30 30 000

No breaks between repeats, sent as 10-figure groups. Only 28 groups were sent.

M01a

9129 kHz, 08-11, 0532 UTC

498 498 498 53173 53173
498 498 498 53173 53173
498 498 498 53173 53173
498 498 498 53173 53173
498 498 498 5317
498 498 498 52482 52472
498 498 498 52482 52482
498 498 498 52482 52482
498 498 498 52482 52482
498 498 498 52482 52482
498 498 498 52482 52482
498 498 498 52482 52482
498 498 498 52482 52482
498 498 498 5248
498 498 498 51166 51166
498 498 498 51166 51166
498 498 498 (continued)

9421 kHz, 08-11, 0621 UTC

135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 1
135 135 135 69788 69788
135 135 135 69788 69788
135 135 135 69788 69788
135 135 135 69788 69788
135 135 135 69788 69788
135 135 135 69788 69788
135 135 135 69788 69788
135 135 135 69788 69788
135 135 135 69788 69788
135 13
135 135 135 68462 68462
135 135 135 68462 68462
135 135 135 (continued)

9129 kHz, 15-11, 0530 UTC

498 498 498 53173 53173
498 498 498 53173 53173
498 498 498 53173 53173
498 498 498 53173 53173
498 498 498 53173 53173
498 498 498 53173 53173
498 498 498 53173 53173
1 min silence
111 000

9421 kHz, 15-11, 0620 UTC

135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
135 135 135 60479 60479
1 min silence
111 000

5251 kHz, 22-11, 1253 UTC, i.p.

371 48600
371 40416
333 40416
333 40305
371 4 333 41846
371 333 41936
371 333 41936 471
371 333 41936 000



Hagelin CX52

17432/18532/19132 kHz, 0800/0820/0840 UTC

17432/18532/19132 kHz, 01-11/05-11/08-11/12-11, 0800/0820/0840 UTC

451 451 451 1 656 171 656 171
88779 80483 34090 24728 63037 07144 32897 88018 23820 19687
03835 61741 61814 40714 07924 07160 74975 81965 47517 34427
13432 59634 02036 87219 42571 15848 08706 06793 23622 50769
52126 25469 61353 70903 31016 32301 92061 13174 14496 70727
08309 27421 91433 33112 11375 01289 65021 88352 59103 97502
07268 11238 89535 64954 16728 05367 88613 92202 21711 74226
63073 32252 22338 91765 86489 13224 17949 01159 37433 54139
67872 36555 19297 33103 00663 56487 62274 40638 81764 75829
29466 83735 62978 43939 39206 51560 47076 96830 19039 68478
74351 04750 64948 67320 27677 35798 79307 07091 81382 83390
72716 39624 87003 48978 04750 94560 99303 64427 59920 09429
68309 01002 14223 96293 84314 17716 25998 01461 16226 74192
64681 74913 42606 18253 05446 03350 65475 65285 88848 28820
05138 23145 77010 37218 30394 29520 51073 36498 94169 80162
76638 78559 67014 56413 99348 80485 33134 71138 56786 74675
64569 27070 57123 71731 33627 44055 10299 54591 42644 95593
69635 94693 26236 84734 49769 35274 43938 76821 38914 82670
78450 000 000

17432/18532/19132 kHz, 22-11/26-11, 0800/0820/0840 UTC

451 451 451 1 294 90 294 90
88472 18164 87940 04471 33528 23564 58907 28617 77231 07494
94358 92737 09697 03387 39783 42716 89974 39577 70907 26657
44232 07207 72237 93940 37220 58459 31349 75414 60230 93112
14383 82752 14498 04915 39695 20487 59685 02730 01477 75571
37356 86480 50236 74804 69437 83718 02724 60331 47305 35170
51007 52388 12833 18201 74194 81322 24440 16066 44983 21685
16269 60911 29249 19713 10756 69728 49405 54785 60258 19628
42131 18918 64445 13209 11748 67365 81357 96796 59678 05292
03536 24229 82752 13680 95919 02512 18103 29450 48359 45253
000 000

6917/5817/5117 kHz, 2000/2020/2040 UTC

6917/5817/5117 kHz, 01-11/03-11/08-11/10-11, 2000/2020/2040 UTC

981 981 981 1 6342 184 6342 184
77836 76530 11629 29782 33503 22311 45768 54050 45440 89468
98500 15005 02319 53555 19595 46306 38344 04902 75531 45236
36546 85377 76521 81738 67140 75851 14577 13807 05517 62618
89506 26463 54512 31799 76193 01272 89854 44573 65256 71287
95375 95763 47438 73637 01023 04641 25741 52322 28437 11672
76376 26789 10677 95511 51966 89682 72981 39337 12800 16443
60288 03799 72266 89431 86013 48768 45996 20553 59025 71100
59399 90449 00231 19499 20431 75404 54911 52743 85963 87212
39180 28878 70412 60756 00145 42566 98892 88987 60983 48664
24169 38454 38377 32809 67208 54293 94481 85196 58628 32665
91025 78372 22790 68531 23803 38373 96890 37697 25124 50569
53402 61004 74779 59910 80829 12637 70817 58232 47387 52775
48987 70803 25095 13905 11146 47734 54982 03656 79585 18833
32713 67144 32622 02117 78326 51154 58182 71183 20799 07522
09765 71335 13472 88170 48873 24672 69517 62152 33019 11935
13864 71338 10328 43632 36859 89065 45609 80681 61738 15138
89628 81915 43122 39814 40225 42985 82004 20715 71743 82301
47619 55544 23849 42574 07568 05434 30973 69135 52286 30821
93655 32100 54223 21700 000 000

6917/5817/5117 kHz, 29-11, 2000/2020/2040 UTC

981 981 981 1 3175 238 3175 238
89956 27018 45953 18588 13382 36302 18938 39946 81620 70703
51497 45799 06041 07672 89124 19835 96210 41269 88691 51891
96578 49989 97025 49829 00188 07393 98271 65761 45159 31030
78322 83276 17717 29535 02405 83739 57000 46359 81804 74895
52578 86846 36634 06742 75144 89781 62637 67290 27883 08339
93420 91002 14081 64475 13017 86010 68668 74060 95352 74294
28956 73802 44769 16253 29105 70805 83881 48176 05033 63785
85015 17305 75777 59848 52872 64661 25710 31744 68120 95318
06388 64810 23759 77999 36852 36283 50443 22825 53961 46842
17486 46884 56210 36080 07818 18528 78948 81760 94865 65211
86702 89715 90578 50161 38516 95168 65643 90435 81024 84980
78688 12766 55961 78651 77199 84872 33310 68612 88390 47639
81094 98217 29776 95221 80825 06585 38852 69948 92167 60119
90353 47934 64486 23771 77790 01546 74969 18393 94301 83480
50263 80325 29002 65065 03938 97665 39816 48661 91300 63851
15163 02402 46611 72797 43232 34749 68106 24990 74810 88112
04306 29343 47763 28938 12110 66905 32795 61997 99673 63727
58302 03204 46497 75651 68402 63258 16320 53276 65382 68901
07037 41405 93064 96775 76694 46307 41000 56827 57084 04975
76796 70568 97360 15991 79331 10492 21820 14297 13597 0x424
97371 85962 72509 25896 02273 76688 79774 43092 46201 21924
11897 40506 43038 65384 88437 43125 33145 83866 00518 89592
92080 47806 47530 68379 85932 31654 21948 66855 27610 88714
24275 06677 55347 94965 41508 83311 30829 03245 000 000

13386/12186/11491 kHz, 1110/1130/1150 UTC

13386/12189/11491 kHz, 02-11, 1110/1130/1150 UTC

725 725 725 1 4621 92 4621 92
75176 89316 98327 44282 20881 42918 04311 48278 93284 94779
46900 67252 60136 54212 51402 97041 04123 34214 76742 91918
52653 22980 97832 28993 02065 94982 78856 77680 15405 07420
12988 31003 82152 19264 41082 57014 10781 58973 67652 84873
15775 91062 51852 75347 29428 64563 09273 52921 47248 59124
30500 11498 46431 58016 45022 57942 73210 94172 48936 72922
68960 70275 42060 14331 17391 66755 28616 93513 92317 28225
39611 95043 12622 65801 88202 93119 83401 32506 32071 75081
69216 56681 53855 78619 40837 57584 42203 81336 65681 04524
89997 51831 000 000

13386/12189/11491 kHz, 09-11, 1110/1130/1150 UTC

725 725 725 1 9878 98 9878 98
36875 45807 93135 39182 58671 35384 26869 91404 40758 47754
70882 59151 91054 24535 25147 50186 58846 17054 00885 29206
02301 29407 48286 03693 53184 27394 58026 24724 22079 17914
93270 61559 45551 68023 66341 23482 47155 15310 18239 67553
37777 29768 27624 74090 14812 73054 48859 70372 27737 42981
26552 88659 98213 48136 70267 37538 54132 72320 83783 35593
50514 14978 03273 46895 10938 32424 82592 58090 33639 51049
66532 11231 99630 87258 56991 78543 22937 26271 46671 36230
78563 96614 25708 60368 15534 80177 15235 36397 50028 89594
33648 12124 94843 62354 97382 15355 94234 79743 000 000

13386/12189/11491 kHz, 16-11, 1110/1130/1150 UTC

725 725 725 1 1511 96 1511 96
24848 12766 19995 59219 25637 05624 83818 59344 26107 32075
69144 68477 56528 80719 55776 63664 81968 82371 74678 61918
24270 02388 32839 46849 66991 18989 44471 38167 68588 56384
92512 54368 12583 97115 55263 81006 55140 28255 84576 43759
74228 49983 44393 60081 04666 09508 54518 03855 29411 41639
42838 28567 44808 08103 31428 10441 93104 25126 17281 80320

69506 28557 23048 02756 46942 59610 06245 98142 49643 76791
52865 99070 21446 51689 11331 50504 91604 88586 97339 25178
59909 48540 84031 05408 75719 47039 99728 92519 93787 57019
61080 01714 78150 96741 80209 35944 000 000

13386/12189/11491 kHz, 23-11, 1110/1130/1150 UTC

725 725 725 1 7689 91 7689 91
43708 05814 71960 86634 88411 42158 49281 72879 88479 83750
15833 59584 84230 79102 57945 94623 04556 81845 87931 46071
92335 46473 02353 38771 60683 87531 34803 81201 17115 63407
59355 95496 61050 63324 16759 88537 53555 30344 37234 06509
20155 92856 00021 35506 50881 43309 22434 51905 12773 36021
51543 21341 69764 75676 15545 32158 73093 17002 38589 25135
70269 95190 90863 38723 05642 30642 81890 70404 55193 30946
47895 23846 99762 82856 24787 43618 21178 02838 32934 68574
11383 09020 87653 87971 64473 04431 58866 17338 11529 65406
89768 000 000

13386/12189/11491 kHz, 30-11, 1110/1130/1150 UTC

725 725 725 1 8563 94 8563 94
15558 28360 82561 13077 75999 72247 04345 74087 84016 46891
26717 66660 95899 38103 63109 24725 04224 47279 18377 26123
55865 94614 19310 52545 66302 70336 62599 45675 90038 14172
00677 92737 81357 84425 95796 55020 38616 65729 27306 86559
70912 42711 41523 04291 26223 12628 90522 38481 38605 02076
33537 17780 15532 36300 19478 49162 92964 54251 51689 73382
48064 39852 26160 95987 84895 03670 15247 12310 56628 90970
24513 09114 03041 73689 72871 27605 03878 60006 11260 16201
53173 06790 33054 75364 62527 59170 64580 72148 02103 80712
63554 27997 04994 87247 000 000

6859/7459/7959 kHz, 2200/2220/2240 UTC

6859/7459/7959 kHz, 03-11/04-11, 2200/2220/2240 UTC

849 849 849 1 7418 85 7418 85
87978 73793 23818 60256 40265 93186 09687 08634 13844 70332
19032 65031 30356 34331 52691 10594 50352 10693 53230 82866
76188 53888 40587 87928 14221 44993 15519 47698 75959 58909
79944 07597 11640 39267 61913 77541 47187 16395 55564 37873
76162 79354 32790 79937 31778 38490 94361 92318 11753 38185
82050 26891 08579 19573 13516 37497 37893 55487 58738 08098
34749 71754 02872 46927 52174 15228 56278 52011 27421 96363
18676 84494 53446 73159 25265 44637 35054 95540 38164 60207
77362 90408 22246 94600 81302 000 000

6859/7459/7959 kHz, 25-11, 2200/2220/2240 UTC

849 849 849 1 405 120 405 120
33406 44645 10202 59177 73015 04077 61638 70631 02287 05928
45489 89630 39130 62298 39901 80536 49446 86696 08832 17000
70377 61359 86903 52939 99630 36442 61055 98181 91115 48550
64740 78279 84064 56904 76284 83283 67506 36640 24479 20703
21746 51934 43420 51988 94592 50534 78034 64597 54327 42111
93697 14337 30935 97567 51664 34077 36143 08089 42514 29368
69864 93166 20567 58967 90608 70792 46884 97002 58616 31516
56444 48722 59405 42718 68395 89228 12336 89863 05063 13235
85283 02281 63912 20104 02302 83955 82387 21763 24284 39865
37285 16183 05216 87925 80683 71835 15935 35036 74380 22502
99165 62839 55110 41025 43063 82522 21869 80917 42684 64595
18830 11789 84159 01474 21346 75289 43392 29396 58323 70552
000 000

16292/14892/14392 kHz, 1400/1420/1440 UTC

16292/14892/14392 kHz, 06-11/09-11, 1400/1420/1440 UTC

283 283 283 1 659 87 659 87
44779 42182 06346 21885 11444 18992 93135 46870 82518 46321
05002 97799 35439 55757 24934 52412 76709 80045 24172 12390
18131 11262 76954 59285 38832 95189 90493 29873 20977 99163
88630 91841 86947 75733 23352 84194 60820 91339 09936 59619
10808 07191 56923 01975 14781 21898 16831 66696 78382 31593
59380 42027 82828 41837 71191 49178 60809 00301 91990 82804
17235 84422 70574 30940 66957 56712 27156 35219 58576 84526
88033 12582 35762 23810 80748 04903 88119 64386 61933 71547
88112 95742 84273 28704 93062 74981 68502 000 000

16292/14892/14392 kHz, 13-11/16-11, 1400/1420/1440 UTC

283 283 283 1 2727 94 2727 94
36008 30531 08114 36808 08305 48420 00858 93265 71774 20009
62911 23576 54395 64225 68542 33309 88585 92188 93539 09790
99284 20294 59199 10487 85102 57608 12411 62321 98934 50446
29692 85686 71327 09649 91267 16969 12357 79012 65939 83569
94661 28948 81709 09295 69667 47243 14927 20545 97938 99746
55405 37284 81899 71001 88637 18322 32901 47466 11993 08919
50725 75361 11711 56732 29957 19948 47405 68943 14885 13507
36726 63842 83811 24056 03101 59510 19304 04791 91004 21846
00638 69879 37150 68619 01312 91038 19446 22312 68749 23906
68070 08837 76425 32838 000 000

16292/14892/14392 kHz, 27-11/30-11, 1400/1420/1440 UTC

283 283 283 1 9643 93 9643 93
81708 63690 44136 98677 38185 98284 94288 43419 90112 74717
90406 13100 30806 48449 20212 21319 68978 36700 24708 41919
27839 52487 03872 67357 38835 13738 74881 61418 82730 26034
47535 83218 53411 91637 74580 15956 93231 91536 91188 08641
99263 97907 80850 78473 31853 42990 13481 84530 17503 04581
96966 36778 33362 19592 77954 14339 74297 35672 52534 98769
06493 14804 20618 11837 01985 91781 25706 09216 20576 24390
92751 94402 36931 04133 02194 37479 21537 61440 41522 93599
80329 15164 48966 30089 78205 85567 38408 08290 61923 69151
73085 51459 27726 000 000

11493/13393/14393 kHz, 0700/0720/0740 UTC

11493/13393/14393 kHz, 08-11/11-11/15-11/18-11, 0700/0720/0740 UTC

433 433 433 1 619 154 619 154
86212 26235 42517 78729 01864 63708 19189 12869 15675 17476
97724 60666 00472 36724 21393 88558 07072 71852 12050 13945
21916 50151 14510 79470 98006 37378 78678 22613 00274 17785
26784 92423 15723 23897 98697 45327 76542 67063 10679 33801
98300 89290 55632 22365 27342 88291 71034 49975 60607 72327
81787 29591 63571 61150 86430 41997 69227 77252 18029 79817
63449 05394 38805 05454 49997 42849 55847 06317 32349 72407
26296 61671 88241 57269 96900 01623 94059 96876 58542 67235
08889 53490 15112 75024 26824 61069 76579 23871 65364 94204
91627 79021 95394 79281 99438 34740 04508 81070 59398 52353
25745 05631 99904 63842 26379 20736 30750 24727 76556 86157
48909 66540 20116 98059 68386 79965 22740 08033 03550 83168
49089 80614 52348 28876 80202 68576 88210 75801 31297 08567
26637 20110 82716 54954 17716 98973 30398 51837 19778 82646
91727 94156 15006 68391 25540 75949 85226 49658 63798 87513
80677 43693 21797 23312 000 000

10446/9046/7946 UTC, 2300/2320/2340 UTC

10446/9046/7946 UTC, 06-11/-09-11, 2300/2320/2340 UTC

392 392 392 1 414 81 414 81
95389 17921 11155 54071 72652 12896 06123 18000 58093 75106
68807 68781 33471 72362 89498 47362 57538 82928 74333 17564
96985 35871 77078 98512 73675 84368 23615 25269 04927 79213
35690 27203 92693 92894 38795 74247 02388 44038 70094 89550
35951 60735 43777 86192 93643 60133 32715 68741 43712 46950
82351 27756 82559 63791 64813 80164 96918 67778 58461 65296
46994 41494 54015 01171 71462 04830 23191 01072 20266 78807
58425 63450 68298 48749 62095 15625 72938 09884 97942 25777
99612 000 000

10446/9046/7946 UTC, 13-11/16-11, 2300/2320/2340 UTC

392 392 392 1 4272 86 4272 86
85311 82476 19552 04626 67352 04216 44976 16040 72341 12702
49304 39860 85059 73565 34858 84386 48438 99907 06524 40545
16125 59091 72741 80069 44138 29194 28241 34440 06104 82591
30557 01504 66322 41449 30868 21595 66502 23259 01443 19424
64592 34190 60217 81038 33834 32796 73122 22124 89307 21421
90023 91655 21630 39389 72436 68895 38270 25109 85758 36369
39827 55649 58212 46525 25324 23133 77286 50723 03371 81868
13310 91622 30894 89435 50939 01197 98137 31099 73053 62509
82907 55467 74875 77857 58930 43188 000 000

10446/9046/7946 UTC, 30-11, 2300/2320/2340 UTC

392 392 392 1 1977 79 1977 79
23837 13311 00275 97074 74623 02139 40315 08446 07238 81378
25809 61411 46847 18661 17581 37713 31533 88717 52236 62205
37297 25764 54221 89326 49765 94197 18459 60181 22563 75167
99209 84751 70187 45952 23047 89252 27809 40592 55335 33899
19467 70710 32770 38817 73434 36908 25055 08136 46959 84351
44300 95289 43865 68031 67446 54771 06144 66985 49272 81009
21266 74292 19797 22102 34932 86635 92508 96771 43514 02728
25108 31737 15671 86458 77605 20435 67593 94873 69163 000 000

13373/12173/10273 kHz, 2310/2330/2350 UTC

13373/12173/10273 kHz, 05-11, 2310/2330/2350 UTC

312 312 312 1 3015 127 3015 127
97986 97289 71881 70758 72122 23440 99937 05305 35460 38095
53699 89279 55801 26317 36574 52004 53323 46166 84104 94456
92168 70388 90116 96001 59080 58721 82226 28885 86216 34362
31330 32820 98663 28278 39506 71809 32480 33995 87707 92230
90959 45232 36553 01506 06185 22920 33095 97962 06389 23059
22488 04057 24779 72163 51769 15346 94356 68808 95643 56586
77262 20336 52220 37762 54898 80750 06345 20390 28603 16950
07308 03939 54023 20621 10745 27147 27834 94121 31437 49112
64367 56299 88740 19825 30995 56644 19058 22848 51622 32688
55156 61630 13948 58744 38356 77968 22388 23206 03665 29135
36355 82800 03506 31204 76164 48558 59277 89187 33132 84869
76681 97087 58385 25792 06322 06554 05892 63139 96693 34340
91114 18300 90024 58332 37632 40523 36402 000 000

13373/12173/10273 kHz, 08-11/15-11, 2310/2330/2350 UTC

312 312 312 1 2043 119 2043 119
93424 91023 78150 31421 81579 68534 63086 69702 20835 23356
96590 69001 51344 70822 38813 94472 86301 42201 90910 69607
10805 43785 95369 38658 27671 09249 03205 69584 21556 38337
17542 43866 26544 80643 39761 91481 95815 97091 34031 33912
46862 24010 61946 01490 94107 12078 77031 97013 60431 69261
09906 67267 10222 94787 79391 95528 59153 44288 57885 34597

33445 88220 44700 98741 75215 14053 61662 18345 98482 58213
07032 57680 74223 28637 34462 01181 11815 48297 05490 10029
61538 65099 60679 38680 27007 76206 01572 72331 53293 46963
22821 58225 77108 69039 95084 61589 36753 19709 51417 30948
44954 06581 39162 97946 56984 66373 69662 63209 36179 95548
93962 57582 97386 61906 43804 79942 99337 67711 37167 000 000

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

11435/10598/9327 kHz, 11-11, 1800/1820/1840 UTC

938 938 938 1 9502 77 9502 77
56735 49079 04632 13783 10580 77403 02296 36435 30972 89829
32356 41847 75049 72777 49329 01761 89200 88621 28058 89484
61144 48165 24129 72940 85455 68830 16814 68855 97068 76751
60076 06588 50854 65983 93380 15868 91224 06054 92970 98412
17911 27105 58909 47614 05443 74581 20636 11001 35008 12975
12272 63584 81352 52537 26501 51352 44830 07800 86262 11883
97502 46267 49950 33041 73439 64979 42523 69705 35235 86769
81366 62216 07563 14733 53998 20170 96371 000 000

11435/10598/9327 kHz, 16-11, 1800/1820/1840 UTC

392 392 392 1 4272 86 4272 86
85311 82376 19552 04626 67352 04216 44976 16040 72341 12702
49304 39860 85059 73565 24858 84386 48438 99907 06524 40545
16125 59091 72741 80069 44138 29194 28241 34440 06104 82591
30557 01504 66322 41449 30868 21595 66502 23259 94434 19424
64592 34190 60217 81038 33834 32796 73122 22124 89307 21421
90023 91655 21630 39389 72436 68895 38270 25109 85758 36369
39827 55649 58212 46525 25324 23133 77286 50723 03371 81868
13310 91622 30894 89435 50939 01997 98137 31099 73053 62509
82907 55467 74875 77857 58930 43188 000 000

11435/10598/9327 kHz, 18-11, 1800/1820/1840 UTC

938 938 938 1 6833 72 6833 72
26398 07140 94768 78671 71422 53732 23387 54933 97224 62041
03865 02172 60718 50882 39332 09285 32211 85737 33107 89048
53218 10534 10229 47509 93519 98264 18790 00030 80485 20912
03059 28129 37983 22318 46200 98656 88134 78207 18837 11552
97728 30949 41551 45545 40246 58839 82127 01857 68823 02222
55198 94352 42650 17380 37039 61106 26603 31248 58225 41301
09419 85701 73299 85617 07904 44774 58186 32405 73220 26327
85121 29364 000 000

11435/10598/9327 kHz, 25-11, 1800/1820/1840 UTC

938 938 938 1 1014 72 1014 72
63619 78775 75626 11192 61450 89002 59486 84887 37472 02819
51126 48101 87749 71858 72318 86730 51807 48211 93869 50984
94222 28938 71795 78675 99639 44623 76891 19684 68834 75802
63234 08828 81700 03884 82828 00292 85696 34540 20306 41833
47954 45944 95809 95746 68372 79864 92967 15051 84001 62203
93366 63136 57304 76237 64228 17365 56734 68991 84686 01054
00926 40175 89481 89958 84219 28358 07824 57470 57543 89777
11475 67733 000 000



Telefunken Geheimschreiber T8PL39

M14

The regular M14 transmissions were recorded by Subilo; transcripts by AB.

12211/10243 kHz, 01-11, 0500/0520 UTC

12211 kHz, 0520 UTC: 952 (R 32sec)

952 710 710 66 66 = =

60458 77646 85934 86878 53008 35169 50810 14673 94524 82714

24606 45147 60134 05769 58945 32390 75141 80136 54304 61075

49413 62652 07341 51876 48203 64033 68875 20100 29083 52286

54700 98487 99674 60124 76405 60106 75871 94825 84416 02277

45237 73968 40427 77479 65264 35481 61407 82165 51189 95454

02389 39414 33035 52135 70200 36381 86594 59550 85357 02464

68012 19208 34272 39132 06680 63286

= = 710 710 66 66 00000

12211 kHz, 02-11, 0500 UTC

10243 kHz, 02-11, 0520 UTC. Off after the callup. Restart at 0526z.

952 648 648 57 57 = =

24474 67249 12513 67382 67532 37433 58506 75750 16503 93629

74641 24273 58804 05825 50274 31877 24786 79346 54991 36215

26316 66579 90920 23980 52114 62365 63504 53510 24507 06541

87913 55610 47300 42033 73291 23537 99448 01966 52023 28080

54211 24200 46210 18680 28492 16762 88533 96515 92034 22581

39708 70509 91169 56982 69700 32165 66806

= = 648 648 57 57 00000

12211 kHz, 03-11, 0500 UTC. Off after group 32

10243 kHz, 03-11, 0525 UTC. Late start

952 371 371 52 52 = =
38703 64350 89309 90308 64343 44773 48522 51855 99384 56041
82720 99936 64217 97147 47105 86711 75367 04415 66707 29491
55208 43787 16651 05828 76146 75510 64238 57683 50210 45838
46291 71866 99995 85495 80174 28929 71888 19557 31956 37706
77516 18440 90132 97684 74358 44705 18357 56401 21449 75336
85606 54032
= = 371 371 52 52 00000

6-11: no transmissions

12211/10243 kHz, 07-11, 0500/0520 UTC

952 604 604 51 51 = =
00103 84297 44565 48058 29737 51406 12191 33613 29693 87395
49657 90854 77080 88341 64953 72798 77285 57711 33101 17997
15330 56914 17676 01925 31549 77446 00248 27914 95021 01792
53664 37331 73195 45290 20124 43673 21139 96141 79963 20287
38855 95751 22115 96379 70109 26588 52155 41021 41188 99748
98892
= = 604 604 51 51 00000

12211 kHz, 08-11, 0500 UTC/10243 kHz, 08-11, 0528 UTC. Carrier. At 0532 UTC:

952 679 679 51 51 = =
66187 57149 21066 92257 61643 77693 38441 44107 04274 00239
60520 13283 04098 69378 57807 64968 25388 73261 79901 66466
76222 85061 31612 11538 48905 58846 21054 04592 59704 22031
90642 59440 61348 31593 66943 92285 26711 86251 90304 13630
27125 11787 10210 48800 53763 61695 57296 41782 55523 00360
27969
679 679 51 51 00000

12211/10243 kHz, 09-11, 0500/0520 UTC

952 104 104 52 52 = =
37197 94944 71630 17402 95880 50947 37525 41029 08518 05305
58428 57433 81515 82891 97945 55805 91661 96832 42578 48020
70184 37513 90509 31328 09942 77305 19011 44104 37952 01962
85140 88115 20442 04601 39431 15717 92599 03235 57262 05433
30227 67758 17582 74353 05467 67360 83694 00784 93805 74277
65773 55586
= = 104 104 52 52 00000

12211/10243 kHz, 10-11 and 13-11, 0500/0520 UTC

952 740 740 56 56 = =
64590 36303 95600 99225 95222 00647 60253 72209 84051
40784 23238 10226 47709 17491 51485 38239 37563 95286
81058 78819 52767 76469 31035 40320 74905 43048 56945
02808 91393 42530 23444 00184 99846 78488 00916 21940
10584 91857 15686 82973 89472 43883 08532 34909 08289
36676 81190 17365 94780 32295 35536 72591 99632 56307
35120 71932
= = 740 740 56 56 00000

12211/10243 kHz, 14-11, 0500/0520 UTC

952 681 681 53 53 = =
39900 87822 68533 92942 21058 25873 65700 41384 16419 69127
17635 96464 54327 98439 99292 61370 67675 38117 06391 60646
84061 25435 96776 15834 47679 38861 25264 88376 77640 08400
89106 75760 92403 56499 26315 71809 55011 42974 33977 27080
18809 12358 98798 70291 78341 67140 57032 76726 55116 15320
25990 94544 72913
= = 681 681 53 53 00000

12211/10243 kHz, 15-11, 0500/0520 UTC

952 370 370 61 61 = =
88317 60343 23567 56553 37775 10143 52202 33375 67371 71779
59819 24397 65973 76283 10041 65090 72724 03341 96098 70607
83392 06753 36870 59730 88829 00535 76143 94925 94020 47853
96034 93201 91112 19978 80512 87457 84907 17450 89947 43002
94213 70620 42644 58944 77532 61808 44272 09123 56481 36191
11158 02286 35422 93678 98347 66191 40712 78918 68408 85317
28018
= = 370 370 61 61 00000

12211 kHz, 16-11, 0500 UTC

10243 kHz, 16-11, 0520 UTC. 952 (R4) off

952 416 416 58 58 = =
60661 42250 43765 09439 04620 21033 63012 84203 30359 05699
48109 28197 91201 55990 38465 16952 32269 09806 59977 36970
46100 05000 52763 18108 03349 76659 76329 53183 19533 34573
15618 21959 43744 50545 36372 61725 80275 10277 63256 51641
79094 09472 79166 03034 56097 98879 69169 72849 29092 07943
57505 42427 80435 01751 11102 28801 82278 50980
= = 416 416 58 58 00000

12211/10243 kHz, 17-11, 0500/0520 UTC

952 803 803 59 59 = =
64094 63444 42064 48556 93118 27141 31831 45904 82867 93170
59645 29455 03776 17301 97290 97845 22644 76574 20185 54227
60466 77212 40657 41359 11691 69643 76854 54940 54584 19112
69493 46088 07407 05273 23626 48922 10072 49240 37612 94182
35974 91510 86486 94815 63695 69203 51912 14478 63250 66052
95896 54882 76570 33593 60468 22927 96921 06977 40501
= = 803 803 59 59 00000

12211/10243 kHz, 20-11, 0500/0520 UTC

952 764 764 53 53 = =
44873 85381 66876 72767 37468 78152 97179 43914 28369 93560
04035 53726 87428 00477 04820 29200 25194 04445 66293 74325
87552 39668 58277 07229 85246 35313 78920 55247 12929 29564
18726 43826 37465 29869 55546 40226 60159 42823 97710 37930
82591 22104 17497 92728 30760 07924 42111 46394 17203 56416
94381 98886 45807
= = 764 764 53 53 00000

12211/10243 kHz, 21-11, 0500/0520 UTC

952 801 801 53 53 = =
47196 18242 67462 82382 20316 47951 07558 95579 24816 37541
63522 78251 66382 56241 60474 25885 46936 11091 95800 11327
35282 43936 42863 97060 97224 25779 41516 81560 96108 03187
48887 46918 99686 76433 48838 99922 54291 14069 43565 23792
12219 33600 75757 82732 23273 02976 54765 46511 26416 42558
85203 27251 02441
= = 801 801 53 53 00000

12211/10243 kHz, 22-11, 0500/0520 UTC

952 347 347 60 60 = =
01857 21057 20819 29168 97364 89268 21774 66153 06896 77821
58386 65229 16236 63770 31528 83765 52252 56516 38569 35438
92475 64497 00588 95054 32996 53391 47111 90984 94337 94246
50554 46113 70010 25006 27555 53280 47431 73837 49396 96122
55887 17722 28693 51262 21244 74732 74537 32787 32078 53442
33288 64946 46916 07900 57193 94012 97289 71606 68028 75235
= = 347 347 60 60 00000

12211/10243 kHz, 23-11, 0500/0520 UTC

952 160 160 52 52 = =
24869 84594 54987 27903 32924 63563 86162 79799 44283 38643
47417 87504 50796 15346 72621 26982 40362 48575 88336 66168
03323 18341 11074 45022 01452 18437 09497 80273 60473 62815
55002 12079 72060 39314 09112 34750 16243 65434 21128 78754
40157 25862 34472 36173 54089 96409 25154 46803 30730 84073
20814 87093
= = 160 160 52 52 00000

12211 kHz, 24-11, 0500 UTC

10243 kHz, 24-11, 0520 UTC.952 (R4) 3 off

952 384 384 59 59 = =
85164 36895 09152 29792 11442 45249 33706 56217 10556 19418
15798 14231 94948 95706 82440 41323 39145 57168 76025 60065
84119 24173 50921 79873 39802 35703 23684 66814 27918 32302
31580 54937 32353 76625 79079 97528 49214 72529 77038 81763
53796 68628 04245 55157 26622 57261 46003 37281 05759 04811
89470 15166 57584 74300 80412 45834 83208 26224 71071
= = 384 384 59 59 00000

12211/10243 kHz, 27-11, 0500/0520 UTC

952 716 716 53 53 = =
44308 62490 95635 50393 83630 43460 17899 26803 81281 60420
99643 87335 78435 95875 11569 51377 76478 54096 36730 17680
61542 02525 71294 36874 10766 21863 68743 01249 84997 88292
44729 37772 37596 36263 84756 15255 94043 75283 21891 01625
82036 59150 76661 32228 16763 31067 76373 75110 71037 93059
95994 04200 84983
= = 716 716 53 53 00000

12211/10243 kHz, 28-11, 0500/0520 UTC

952 438 438 56 56 = =
72823 23359 74259 28981 74224 36283 39081 07125 00253 68642
40374 53164 38781 55180 03785 29983 52443 25163 31091 99860
82857 42217 93133 52021 61578 77859 91216 90148 32477 42151
04145 24545 15241 19927 63097 21137 64666 86020 21516 18497
05442 97936 12207 82095 47109 89395 08831 80507 08888 13203
33980 94538 09045 06865 81021 95200
= = 438 438 56 56 00000

12211/10243 kHz, 29-11, 0500/0520 UTC

952 760 760 56 56 = =
50805 05932 16125 61677 96389 99739 65663 67246 90481 85713
94492 13128 63223 39446 79964 58022 42865 50891 90378 11089
88448 56538 89596 73727 92507 21676 92131 33821 45984 33702
73425 35838 82531 92400 64983 75265 44401 08125 89058 90787
37100 43835 12578 52660 65005 61918 24993 70710 65121 69740
69740 81172 18805 84012 10430
= = 760 760 56 56 0000

12211 kHz, 30-11, 0500 UTC

10243 kHz, 30-11, 0520 UTC. 952 (R4) 1m30s silence. Restart.

952 134 134 58 58 = =
46926 47222 90753 99443 26977 54721 17106 38678 76444 48215
13063 50631 45783 86350 79441 52345 60004 68421 58197 56016
67177 45155 30099 76112 67749 34288 36333 56130 42059 26850
53711 63407 18183 95123 78187 25448 47288 38192 96362 06186
78707 26023 49660 45626 51893 28033 20870 11304 47467 37047
97738 34997 64531 24625 93303 33132 16437 88653
= = 134 134 58 58 00000

Test transmissions

9463 kHz, 09-11, 1100 UTC.

See also E06 with a similar transmission at the same time

801 (R29m30s) 347 56 = =
02641 18699 02327 01609 51138 26313 74509 75577 98644 14175
75526 39501 63940 26361 51620 28879 20880 88954 92254 61305
83880 81247 04905 04217 15391 16819 39178 89214 66260 89154
33678 40158 84966 61516 84070 07219 56619 05720 55766 24077
57694 19543 89 [6s silence]
801 801 801

11073 kHz, 04-11, 1200 UTC

11073 kHz, 05-11, 1105 UTC

352 489 36 = =
73870 41745 56824 94351 35756 52074 07407 14125 29761 01980
77337 70789 73032 42608 24378 38286 35946 04112 65774 10236
98575 21842 27952 42187 30746 80207 84601 35771 81500 03912
31573 06931 89023 51227 72024 05420
= = 489 36 00000

11073 kHz, 19-11, 1100 UTC

352 970 38 = =
93262 39461 65342 67458 57928 16384 97530 64211 10480 71816
81704 38418 39519 63583 56097 01737 80753 32301 09208 98780
42864 24485 64116 72466 53013 13810 53528 82981 70410 62701
96479 35045 41382 91443 12634 93161 94389 46999
= = 970 38 00000

11073 kHz, 25-11, 1245 UTC

352 146 39 = =
76474 01043 56823 22507 20297 58485 32463 26726 90941 56618
33521 13191 75139 66967 81960 88375 63545 09185 82951 87665
55807 70157 89163 40605 05580 22825 63608 28827 28918 61889
26946 66346 24486 98612 00202 56903 79016 81875 78835
= = 146 39 00000

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

4865.5 kHz, 19-11, 1747 UTC =992048??8????? =992049??8????? =992050??8????? =992051??8????? =992052??8?????
4171 kHz, 21-11, 1425 UTC =991723??8????? =14704297628322
4171 kHz, 21-11, 1500 UTC =991800??8????? =991801??8????? =991802??8?????

M22

6607 kHz, 11-11, 1518 UTC, i.p.

NR 08 LM V SM4I 030111 IM2Q GR 04 = =
SQSQS TRZMZ RVSSW RPQGT ANKLQ YBOMH NIDQM ZUXTN CSHYS UXYKO
NREWX JOECR YXOIP CORBJ LJUSB INRQU UCDDU AURTR MBNID TUGIR
BZGKQ QCBRB NTLBD KWJOH DSEYS LJKPB XCMGF IUESA NIQAC ANNKM
EBZUQ CIRUM YXPTH STYPC MOOHW BUWRL IRQTB NFGSG FUOUN TRZMZ = =
NR 08 LM V SM4I 030111 IM2Q GR 04 = =
SQSQS TRZMZ RVSSW RPQGT ANKLQ YBOMH NIDQM ZUXTN CSHYS UXYKO
NREWX JOECR YXOIP CORBJ LJUSB INRQU UCDDU AURTR MBNID TUGIR
BZGKQ QCBRB NTLBD KWJOH DSEYS LJKPB XCMGF IUESA NIQAC ANNKM
EBZUQ CIRUM YXPTH STYPC MOOHW BUWRL IRQTB NFGSG FUOUN TRZMZ = =
NR 08 LM V SM4I 030111 IM2Q GR 04 = =
AR AR
VVV DE 4XT 4XZ = =

M23

5345 kHz, hourly marker, 24/7, at hh55 minutes. The hourly marker ended on 17-11

5345 kHz, 16-11, 1654 UTC	OSS OSS OSS (R 60min)
5345 kHz, 16-11, 1754 UTC	Marker
5345 kHz, 16-11, 1508 UTC	OTE (R)
5345 kHz, 17-11, 0554 UTC	Marker
5345 kHz, 17-11, 0554 UTC	TOE TOE TOE (R 2hrs)
5345 kHz, 17-11, 0754 UTC	Marker
5345 kHz, 17-11, 0926 UTC	Marker
5345 kHz, 17-11, 0928 UTC	Marker
5345 kHz, 17-11, 0945 UTC	035 035 035 (R 24min)
5345 kHz, 17-11, 1055 UTC	111 111 111 (R 10min)
5345 kHz, 17-11, 1222 UTC	TUO TUO TUO (R 4min)
5345 kHz, 17-11, 1248 UTC	TUO TUO TUO (R 20min)
5345 kHz, 17-11, 1355 UTC	TUO TUO TUO (R 4min)
5345 kHz, 17-11, 1400 UTC	Marker
14930 kHz, 19-11, 1704 UTC	TUO (R)
26240 kHz, 21-11, 0835 UTC	i.p. RTS (R)
14930 kHz, 21-11, 1846 UTC	i.p. RTS (R)
10755 kHz, 21-11, 1520 UTC	XKO (R30m)
26240 kHz, 22-11, 0830 UTC	RTS (R 1hr)
26240 kHz, 22-11, 1200 UTC	XKO (R 30min)
26240 kHz, 22-11, 1300 UTC	XKO (R 30min)
14930 kHz, 22-11, 1800 UTC	RTS (R 1hr)
10755 kHz, 22-11, 1520 UTC	XKO (R30m)

UM04 - PROMRCh

4735 kHz, 01-11, 0800 UTC
VVV VVV PROMRCh = 01 11 =
1000 1020 1070 1240 1750
1200 1170 1220 1380 1910
1400 1160 1200 1360 1840
1600 1180 1220 1380 1910
1800 1980 1010 1150 1580
2000 0670 0690 0790 1080
2200 0510 0520 0580 0770
0000 0490 0500 0550 0710
0200 0510 0520 0570 0730
0400 0500 0510 0560 0740
0600 0400 0420 0470 0650
0800 0840 0890 1050 1520
= ABV
VVV VVV PROMRCh = 01 11 =
1000 1020 1070 1240 1750
1200 1170 1220 1380 1910
1400 1160 1200 1360 1840
1600 1180 1220 1380 1910
1800 1980 1010 1150 1580
2000 0670 0690 0790 1080
2200 0510 0520 0580 0770
0000 0490 0500 0550 0710
0200 0510 0520 0570 0730
0400 0500 0510 0560 0740
0600 0400 0420 0470 0650
0800 0840 0890 1050 1520
= AR

4735 kHz, 02-11, 0800 UTC
VVV VVV PROMRCh = 02 11 =
1000 1050 1100 1270 1780
1200 1200 1240 1410 1940
1400 1180 1220 1370 1870
1600 1190 1240 1400 1930
1800 0980 1020 1150 1590
2000 0670 0690 0790 1080
2200 0510 0530 0580 0770
0000 0500 0510 0550 0720
0200 0510 0520 0570 0740
0400 0500 0510 0560 0730
0600 0400 0420 0480 0650
0800 0840 0890 1050 1520
= ABV
VVV VVV PROMRCh = 02 11 =
1000 1050 1100 1270 1780
1200 1200 1240 1410 1940
1400 1180 1220 1370 1870
1600 1190 1240 1400 1930
1800 0980 1020 1150 1590
2000 0670 0690 0790 1080
2200 0510 0530 0580 0770
0000 0500 0510 0550 0720
0200 0510 0520 0570 0740
0400 0500 0510 0560 0730
0600 0400 0420 0480 0650
0800 0840 0890 1050 1520
= AR

4735 kHz, 03-11, 0800 UTC
VVVVV PROMRCh 03 11 =
1000 1040 1090 1260 1780
1200 1190 1240 1410 1940
1400 1180 1220 1370 1870
1600 1190 1230 1390 1930
1800 0960 1000 1130 1560
2000 0650 0670 0770 1060
2200 0500 0510 0570 0750
0000 0490 0500 0550 0710
0200 0500 0510 0570 0730
0400 0490 0510 0560 0730
0600 0400 0420 0470 0650
0800 0840 0890 1050 1520
= ABV =
VVVVV PROMRCh 03 11 =
1000 1040 1090 1260 1780
1200 1190 1240 1410 1940
1400 1180 1220 1370 1870
1600 1190 1230 1390 1930
1800 0960 1000 1130 1560
2000 0650 0670 0770 1060
2200 0500 0510 0570 0750
0000 0490 0500 0550 0710
0200 0500 0510 0570 0730
0400 0490 0510 0560 0730
0600 0400 0420 0470 0650
0800 0840 0890 1050 1520
= AR

4735 kHz, 04-11, 0800 UTC
VVV VVV PROMRCh = 04 11 =
1000 1040 1100 1260 1790
1200 1190 1240 1400 1940
1400 1180 1220 1370 1880
1600 1190 1240 1400 1930
1800 0950 1000 1120 1550
2000 0630 0660 0750 1040
2200 0490 0500 0560 0750
0000 0480 0490 0540 0690
0200 0500 0500 0560 0720
0400 0490 0500 0550 0720
0600 0400 0420 0470 0650
0800 0840 0880 1050 1510
= ABV
VVV VVV PROMRCh = 04 11 =
1000 1040 1100 1260 1790
1200 1190 1240 1400 1940
1400 1180 1220 1370 1880
1600 1190 1240 1400 1930
1800 0950 1000 1120 1550
2000 0630 0660 0750 1040
2200 0490 0500 0560 0750
0000 0480 0490 0540 0690
0200 0500 0500 0560 0720
0400 0490 0500 0550 0720
0600 0400 0420 0470 0650
0800 0840 0880 1050 1510
= AR

4735 kHz, 05-11, 0800 UTC

VVVVV PROMRCh = 0511 =
 1000 1020 1070 1240 1750
 1200 1170 1210 1380 1910
 1400 1160 1200 1360 1850
 1600 1170 1220 1380 1910
 1800 0920 0960 1090 1500
 2000 0610 0640 0730 1010
 2200 0480 0490 0550 0720
 0000 0470 0470 0520 0680
 0200 0480 0490 0550 0710
 0400 0480 0490 0540 0780
 0600 0390 0410 0470 0640
 0800 0830 0880 1040 1500
 = ABV

VVVVV PROMRCh = 0511 =
 1000 1020 1070 1240 1750
 1200 1170 1210 1380 1910
 1400 1160 1200 1360 1850
 1600 1170 1220 1380 1910
 1800 0920 0960 1090 1500
 2000 0610 0640 0730 1010
 2200 0480 0490 0550 0720
 0000 0470 0470 0520 0680
 0200 0480 0490 0550 0710
 0400 0480 0490 0540 0780
 0600 0390 0410 0470 0640
 0800 0830 0880 1040 1500
 = AR

4735 kHz, 09-11, 0800 UTC

VVV VVV PROMRCh = 09 11 =
 1000 1040 1090 1270 1800
 1200 1190 1230 1400 1940
 1400 1180 1220 1380 1880
 1600 1170 1220 1380 1920
 1800 0880 0920 1040 1440
 2000 0590 0610 0700 0900
 2200 0460 0480 0530 0710
 0000 0460 0470 0520 0670
 0200 0480 0490 0540 0710
 0400 0470 0480 0530 0700
 0600 0390 0410 0460 0640
 0800 0830 0870 1040 1510
 = ABV

VVV VVV PROMRCh = 09 11 =
 1000 1040 1090 1270 1800
 1200 1190 1230 1400 1940
 1400 1180 1220 1380 1880
 1600 1170 1220 1380 1920
 1800 0880 0920 1040 1440
 2000 0590 0610 0700 0900
 2200 0460 0480 0530 0710
 0000 0460 0470 0520 0670
 0200 0480 0490 0540 0710
 0400 0470 0480 0530 0700
 0600 0390 0410 0460 0640
 0800 0830 0870 1040 1510
 = AR

4735 kHz, 06-11, 0800 UTC

VVVVV PROMRCh = 06 11 =
 1000 1050 1100 1270 1800
 1200 1190 1240 1400 1940
 1400 1180 1200 1380 1880
 1600 1190 1230 1400 1930
 1800 0920 0960 1090 1500
 2000 0610 0640 0730 1010
 2200 0480 0490 0550 0730
 0000 0470 0480 0530 0680
 0200 0490 0500 0550 0710
 0400 0480 0490 0540 0710
 0600 0390 0410 0470 0640
 0800 0830 0880 1040 1510
 = ABV

VVVVV PROMRCh = 06 11 =
 1000 1050 1100 1270 1800
 1200 1190 1240 1400 1940
 1400 1180 1200 1380 1880
 1600 1190 1230 1400 1930
 1800 0920 0960 1090 1500
 2000 0610 0640 0730 1010
 2200 0480 0490 0550 0730
 0000 0470 0480 0530 0680
 0200 0490 0500 0550 0710
 0400 0480 0490 0540 0710
 0600 0390 0410 0470 0640
 0800 0830 0880 1040 1510
 = AR

4735 kHz, 10-11, 0800 UTC

VVV VVV PROMRCh = 1011 =
 1000 1050 1100 1270 1800
 1200 1180 1230 0400 1950
 1400 1180 1220 1380 1890
 1600 1170 1220 1390 1720
 1800 0870 0900 1020 1410
 2000 0580 0600 0690 1000
 2200 0460 0470 0530 0700
 0000 0450 0460 0510 0660
 0200 0470 0480 0530 0700
 0400 0460 0470 0530 0690
 0600 0390 0400 0460 0630
 0800 0830 0880 1040 1510
 = ABV

VVV VVV PROMRCh = 1011 =
 1000 1050 1100 1270 1800
 1200 1180 1230 0400 1950
 1400 1180 1220 1380 1890
 1600 1170 1220 1390 1720
 1800 0870 0900 1020 1410
 2000 0580 0600 0690 1000
 2200 0460 0470 0530 0700
 0000 0450 0460 0510 0660
 0200 0470 0480 0530 0700
 0400 0460 0470 0530 0690
 0600 0390 0400 0460 0630
 0800 0830 0880 1040 1510
 = AR

4735 kHz, 07-11, 0800 UTC

VVV VVV PROMRCh = 07 11 =
 1000 1050 1100 1270 1800
 1200 1200 1240 1410 1950
 1400 1190 1230 1380 1890
 1600 1190 1230 1400 1920
 1800 0920 0960 1090 1500
 2000 0620 0640 0730 1010
 2200 0480 0500 0550 0730
 0000 0470 0480 0530 0690
 0200 0480 0490 0540 0710
 0400 0480 0490 0540 0710
 0600 0390 0410 0460 0640
 0800 0830 0880 1040 1510
 = ABV

VVV VVV PROMRCh = 07 11 =
 1000 1050 1100 1270 1800
 1200 1200 1240 1410 1950
 1400 1190 1230 1380 1890
 1600 1190 1230 1400 1920
 1800 0920 0960 1090 1500
 2000 0620 0640 0730 1010
 2200 0480 0500 0550 0730
 0000 0470 0480 0530 0690
 0200 0480 0490 0540 0710
 0400 0480 0490 0540 0710
 0600 0390 0410 0460 0640
 0800 0830 0880 1040 1510
 = AR

4735 kHz, 11-11, 0800 UTC

VVV VVV PROMRCh = 11 11 =
 1000 1020 1070 1240 1780
 1200 1150 1200 1370 1890
 1400 1160 1200 1360 1860
 1600 1150 1200 1370 1900
 1800 0830 0860 0980 1360
 2000 0560 0580 0670 0930
 2200 0440 0460 0510 0680
 0000 0440 0450 0500 0650
 0200 0460 0470 0530 0690
 0400 0450 0470 0520 0680
 0600 0380 0400 0450 0630
 0800 0820 0870 1030 1500
 = ABV

VVV VVV PROMRCh = 11 11 =
 1000 1020 1070 1240 1780
 1200 1150 1200 1370 1890
 1400 1160 1200 1360 1860
 1600 1150 1200 1370 1900
 1800 0830 0860 0980 1360
 2000 0560 0580 0670 0930
 2200 0440 0460 0510 0680
 0000 0440 0450 0500 0650
 0200 0460 0470 0530 0690
 0400 0450 0470 0520 0680
 0600 0380 0400 0450 0630
 0800 0820 0870 1030 1500
 = AR

4735 kHz, 08-11, 0800 UTC

VVVVV PROMRCh = 08 11 =
 1000 1040 1090 1270 1800
 1200 1190 1230 1400 1940
 1400 1180 1220 1380 1880
 1600 1180 1220 1390 1920
 1800 0900 0940 1070 1470
 2000 0600 0630 0720 0990
 2200 0470 0490 0540 0720
 0000 0470 0480 0530 0680
 0200 0490 0500 0550 0710
 0400 0480 0480 0540 0710
 0600 0390 0410 0460 0640
 0800 0830 0880 1040 1510
 = ABV =

VVVVV PROMRCh = 08 11 =
 1000 1040 1090 1270 1800
 1200 1190 1230 1400 1940
 1400 1180 1220 1380 1880
 1600 1180 1220 1390 1920
 1800 0900 0940 1070 1470
 2000 0600 0630 0720 0990
 2200 0470 0490 0540 0720
 0000 0470 0480 0530 0680
 0200 0490 0500 0550 0710
 0400 0480 0480 0540 0710
 0600 0390 0410 0460 0640
 0800 0830 0880 1040 1510
 = AR

4735 kHz, 12-11, 0800 UTC

VVV VVV PROMRCh = 1211 =
 1000 1060 1110 1290 1830
 1200 1190 1230 1410 1950
 1400 1180 1220 1390 1900
 1600 1180 1220 1390 1930
 1800 0840 0870 1000 1370
 2000 0570 0590 0680 0930
 2200 0550 0460 0510 0680
 0000 0440 0450 0500 0650
 0200 0470 0480 0530 0690
 0400 0450 0460 0520 0680
 0600 0380 0400 0450 0630
 0800 0820 0870 1030 1500
 = ABV =

VVV VVV PROMRCh = 1211 =
 1000 1060 1110 1290 1830
 1200 1190 1230 1410 1950
 1400 1180 1220 1390 1900
 1600 1180 1220 1390 1930
 1800 0840 0870 1000 1370
 2000 0570 0590 0680 0930
 2200 0550 0460 0510 0680
 0000 0440 0450 0500 0650
 0200 0470 0480 0530 0690
 0400 0450 0460 0520 0680
 0600 0380 0400 0450 0630
 0800 0820 0870 1030 1500
 = AR

4735 kHz, 13-11, 0800 UTC

VVVVV PROMRCh = 13 11 =
 1000 1060 1110 1290 1840
 1200 1190 1230 1410 1950
 1400 1180 1230 1390 1900
 1600 1180 1230 1390 1940
 1800 0820 0850 0980 1940
 2000 0560 0580 0670 0920
 2200 0440 0460 0510 0680
 0000 0440 0450 0490 0650
 0200 0470 0480 0530 0690
 0400 0450 0460 0520 0680
 0600 0380 0400 0460 0630
 0800 0820 0870 1040 1500
 = ABV

VVVVV PROMRCh = 13 11 =
 1000 1060 1110 1290 1840
 1200 1190 1230 1410 1950
 1400 1180 1230 1390 1900
 1600 1180 1230 1390 1940
 1800 0820 0850 0980 1940
 2000 0560 0580 0670 0920
 2200 0440 0460 0510 0680
 0000 0440 0450 0490 0650
 0200 0470 0480 0530 0690
 0400 0450 0460 0520 0680
 0600 0380 0400 0460 0630
 0800 0820 0870 1040 1500
 = AR

4735 kHz, 17-11, 0800 UTC

VVVVV PROMRCh = 1711 =
 1000 1060 1110 1290 1850
 1200 1180 1230 1410 2000
 1400 1180 1230 1390 1910
 1600 1160 1210 1380 1930
 1800 0770 0800 0910 1250
 2000 0530 0550 0630 0880
 2200 0430 0440 0490 0650
 0000 0430 0440 0480 0630
 0200 0450 0460 0520 0680
 0400 0440 0450 0510 0670
 0600 0380 0400 0450 0620
 0800 0810 0860 1020 1490
 = ABV

VVVVV PROMRCh = 1711 =
 1000 1060 1110 1290 1850
 1200 1180 1230 1410 2000
 1400 1180 1230 1390 1910
 1600 1160 1210 1380 1930
 1800 0770 0800 0910 1250
 2000 0530 0550 0630 0880
 2200 0430 0440 0490 0650
 0000 0430 0440 0480 0630
 0200 0450 0460 0520 0680
 0400 0440 0450 0510 0670
 0600 0380 0400 0450 0620
 0800 0810 0860 1020 1490
 = AR

4735 kHz, 14-11, 0807 UTC

VVVVV PROMRCh = 1411 =
 1000 1060 1110 1290 1840
 1200 1180 1230 1400 1950
 1400 1190 1230 1400 1900
 1600 1180 1220 1400 1940
 1800 0810 0840 0960 1960
 2000 0550 0580 0660 0920
 2200 0440 0450 0500 0680
 0000 0440 0450 0490 0650
 0200 0460 0470 0520 0690
 0400 0450 0460 0520 0680
 0600 0380 0400 0450 0630
 0800 0820 0870 1030 1500
 = ABV

VVVVV PROMRCh = 1411 =
 1000 1060 1110 1290 1840
 1200 1180 1230 1400 1950
 1400 1190 1230 1400 1900
 1600 1180 1220 1400 1940
 1800 0810 0840 0960 1960
 2000 0550 0580 0660 0920
 2200 0440 0450 0500 0680
 0000 0440 0450 0490 0650
 0200 0460 0470 0520 0690
 0400 0450 0460 0520 0680
 0600 0380 0400 0450 0630
 0800 0820 0870 1030 1500
 = AR

4735 kHz, 18-11, 0800 UTC

VVV VVV PROMRCh = 18 11 =
 1000 1050 1100 1290 1840
 1200 1170 1210 1390 1940
 1400 1170 1220 1380 1900
 1600 1150 1190 1370 1920
 1800 0740 0770 0880 1220
 2000 0520 0540 0620 0860
 2200 0420 0430 0480 0640
 0000 0430 0440 0480 0630
 0200 0450 0460 0510 0670
 0400 0440 0450 0510 0670
 0600 0380 0390 0450 0620
 0800 0810 0860 1020 1490
 = ABV

VVV VVV PROMRCh = 18 11 =
 1000 1050 1100 1290 1840
 1200 1170 1210 1390 1940
 1400 1170 1220 1380 1900
 1600 1150 1190 1370 1920
 1800 0740 0770 0880 1220
 2000 0520 0540 0620 0860
 2200 0420 0430 0480 0640
 0000 0430 0440 0480 0630
 0200 0450 0460 0510 0670
 0400 0440 0450 0510 0670
 0600 0380 0390 0450 0620
 0800 0810 0860 1020 1490
 = AR

4735 kHz, 15-11, 0800 UTC

VVVVV PROMRCh = 15 11 =
 1000 1070 1020 1300 1850
 1200 1190 1230 1410 1960
 1400 1200 1240 1400 1920
 1600 1180 1230 1400 1950
 1800 0810 0840 1950 1310
 2000 0550 0570 0650 0910
 2200 0440 0450 0500 0670
 0000 0440 0550 0490 0640
 0200 0460 0470 0520 0680
 0400 0450 0460 0510 0680
 0600 0380 0400 0450 0630
 0800 0820 0870 1030 1500
 = ABV =

VVVVV PROMRCh = 15 11 =
 1000 1070 1020 1300 1850
 1200 1190 1230 1410 1960
 1400 1200 1240 1400 1920
 1600 1180 1230 1400 1950
 1800 0810 0840 1950 1310
 2000 0550 0570 0650 0910
 2200 0440 0450 0500 0670
 0000 0440 0550 0490 0640
 0200 0460 0470 0520 0680
 0400 0450 0460 0510 0680
 0600 0380 0400 0450 0630
 0800 0820 0870 1030 1500
 = AR

4735 kHz, 19-11, 0800 UTC

VVVVV PROMRCh = 19 11 =
 1000 1040 1090 1280 1830
 1200 1150 1200 1380 1930
 1400 1160 1200 1360 1990
 1600 1130 1180 1360 1900
 1800 0720 0750 0850 1180
 2000 0500 0520 0600 0730
 2200 0400 0420 0470 0630
 0000 0420 0430 0470 0620
 0200 0450 0450 0510 0670
 0400 0440 0450 0500 0600
 0600 0370 0390 0450 0620
 0800 0800 0850 1020 1190
 = ABV =

VVVVV PROMRCh = 19 11 =
 1000 1040 1090 1280 1830
 1200 1150 1200 1380 1930
 1400 1160 1200 1360 1990
 1600 1130 1180 1360 1900
 1800 0720 0750 0850 1180
 2000 0500 0520 0600 0730
 2200 0400 0420 0470 0630
 0000 0420 0430 0470 0620
 0200 0450 0450 0510 0670
 0400 0440 0450 0500 0600
 0600 0370 0390 0450 0620
 0800 0800 0850 1020 1190
 = AR

4735 kHz, 16-11, 0800 UTC

VVVVV PROMRCh = 16 11 =
 1000 1070 1120 1300 1850
 1200 1180 1230 1400 1960
 1400 1190 1230 1390 1910
 1600 1170 1220 1390 1940
 1800 0780 0810 0930 1270
 2000 0540 0560 0640 0890
 2200 0430 0440 0490 0660
 0000 0430 0440 0490 0640
 0200 0460 0470 0520 0680
 0400 0450 0460 0510 0680
 0600 0380 0400 0450 0620
 0800 0820 0870 1030 1500
 = ABV

VVVVV PROMRCh = 16 11 =
 1000 1070 1120 1300 1850
 1200 1180 1230 1400 1960
 1400 1190 1230 1390 1910
 1600 1170 1220 1390 1940
 1800 0780 0810 0930 1270
 2000 0540 0560 0640 0890
 2200 0430 0440 0490 0660
 0000 0430 0440 0490 0640
 0200 0460 0470 0520 0680
 0400 0450 0460 0510 0680
 0600 0380 0400 0450 0620
 0800 0820 0870 1030 1500
 = AR

4735 kHz, 20-11, 0800 UTC

VVVVV PROMRCh = 20 11 =
 1000 1030 1090 1270 1820
 1200 1130 1190 1360 1910
 1400 1150 1190 1350 1880
 1600 1120 1160 1340 1890
 1800 0690 0720 0820 1140
 2000 0550 0520 0600 0830
 2200 0400 0410 0460 0620
 0000 0410 0420 0470 0610
 0200 0450 0050 0500 0660
 0400 0430 0440 0500 0660
 0600 0370 0390 0450 0620
 0800 0790 0800 1010 1470
 = ABV

VVVVV PROMRCh = 20 11 =
 1000 1030 1090 1270 1820
 1200 1130 1190 1360 1910
 1400 1150 1190 1350 1880
 1600 1120 1160 1340 1890
 1800 0690 0720 0820 1140
 2000 0550 0520 0600 0830
 2200 0400 0410 0460 0620
 0000 0410 0420 0470 0610
 0200 0450 0050 0500 0660
 0400 0430 0440 0500 0660
 0600 0370 0390 0450 0620
 0800 0790 0800 1010 1470
 = AR

4735 kHz, 21-11, 0800 UTC

VVV VVV PROMRCh = 2111 =
 1000 1030 1090 1270 1810
 1200 1120 1170 1350 1900
 1400 1150 1180 1340 1870
 1600 1000 1150 1320 1870
 1800 0670 0700 0800 1100
 2000 0410 0510 0580 0810
 2200 0390 0510 0460 0610
 0000 0410 0400 0460 0610
 0200 0430 0420 0500 0650
 0400 0430 0440 0490 0660
 0600 0370 0390 0440 0620
 0800 0780 0840 1000 1460
 = ABV

VVV VVV PROMRCh = 2111 =
 1000 1030 1090 1270 1810
 1200 1120 1170 1350 1900
 1400 1150 1180 1340 1870
 1600 1000 1150 1320 1870
 1800 0670 0700 0800 1100
 2000 0410 0510 0580 0810
 2200 0390 0510 0460 0610
 0000 0410 0400 0460 0610
 0200 0430 0420 0500 0650
 0400 0430 0440 0490 0660
 0600 0370 0390 0440 0620
 0800 0780 0840 1000 1460
 = AR

4735 kHz, 25-11, 0800 UTC

VVVVV PROMRCh = 2511 =
 1000 1010 1070 1250 1800
 1200 1090 1140 1310 1900
 1400 1100 1140 1310 1820
 1600 1050 1100 1280 1820
 1800 0630 0660 0750 1040
 2000 0470 0490 0570 0800
 2200 0390 0390 0450 0600
 0000 0000 0410 0450 0600
 0200 0420 0430 0490 0640
 0000 0420 0430 0490 0650
 0600 0360 0380 0440 0610
 0800 0760 0810 0980 1440
 = ABV

VVVVV PROMRCh = 2511 =
 1000 1010 1070 1250 1800
 1200 1090 1140 1310 1900
 1400 1100 1140 1310 1820
 1600 1050 1100 1280 1820
 1800 0630 0660 0750 1040
 2000 0470 0490 0570 0800
 2200 0390 0390 0450 0600
 0000 0000 0410 0450 0600
 0200 0420 0430 0490 0640
 0000 0420 0430 0490 0650
 0600 0360 0380 0440 0610
 0800 0760 0810 0980 1440
 = AR

4735 kHz, 22-11, 0800 UTC

VVV VVV PROMRCh = 22 11 =
 1000 1020 1070 1260 1800
 1200 1110 1060 1340 1080
 1400 1110 1170 1340 1850
 1600 1090 1140 1310 1830
 1800 0640 0620 0790 1090
 2000 0480 0500 0580 0810
 2200 0390 0400 0450 0610
 0000 0400 0410 0460 0600
 0200 0430 0440 0490 0650
 0400 0430 0440 0490 0650
 0600 0370 0380 0440 0610
 0800 0780 0830 0990 1450
 = ABV

VVV VVV PROMRCh = 22 11 =
 1000 1020 1070 1260 1800
 1200 1110 1060 1340 1080
 1400 1110 1170 1340 1850
 1600 1090 1140 1310 1830
 1800 0640 0620 0790 1090
 2000 0480 0500 0580 0810
 2200 0390 0400 0450 0610
 0000 0400 0410 0460 0600
 0200 0430 0440 0490 0650
 0400 0430 0440 0490 0650
 0600 0370 0380 0440 0610
 0800 0780 0830 0990 1450
 = AR

4735 kHz, 26-11, 0800 UTC

VVV VVV PROMRCh = 26 11 =
 1000 1010 1060 1240 1780
 1200 1080 1130 1300 1840
 1400 1080 1130 1300 1820
 1600 1040 1100 1280 1820
 1800 0600 0630 0730 1010
 2000 0460 0480 0550 0770
 2200 0370 0380 0440 0590
 0000 0400 0410 0450 0600
 0200 0420 0430 0480 0640
 0400 0420 0430 0490 0650
 0600 0360 0380 0440 0610
 0800 0760 0810 0970 1430
 = ABV

VVV VVV PROMRCh = 26 11 =
 1000 1010 1060 1240 1780
 1200 1080 1130 1300 1840
 1400 1080 1130 1300 1820
 1600 1040 1100 1280 1820
 1800 0600 0630 0730 1010
 2000 0460 0480 0550 0770
 2200 0370 0380 0440 0590
 0000 0400 0410 0450 0600
 0200 0420 0430 0480 0640
 0400 0420 0430 0490 0650
 0600 0360 0380 0440 0610
 0800 0760 0810 0970 1430
 = AR

4735 kHz, 23-11, 0800 UTC

VVV VVV PROMRCh = 23 11 =
 1000 1010 1070 1250 1790
 1200 1100 1150 1330 1870
 1400 1110 1160 1330 1850
 1600 0070 1120 1300 1840
 1800 0650 0680 0780 1080
 2000 0480 0500 0580 0810
 2200 0390 0400 0450 0600
 0000 0400 0410 0480 0600
 0200 0430 0440 0490 0650
 0400 0430 0440 0490 0650
 0600 0370 0380 0440 0610
 0800 0770 0820 0990 1450
 = ABV

VVV VVV PROMRCh = 23 11 =
 1000 1010 1070 1250 1790
 1200 1100 1150 1330 1870
 1400 1110 1160 1330 1850
 1600 0070 1120 1300 1840
 1800 0650 0680 0780 1080
 2000 0480 0500 0580 0810
 2200 0390 0400 0450 0600
 0000 0400 0410 0480 0600
 0200 0430 0440 0490 0650
 0400 0430 0440 0490 0650
 0600 0370 0380 0440 0610
 0800 0770 0820 0990 1450
 = AR

4735 kHz, 24-11, 0800 UTC

VVV VVV PROMRCh = 24 11 =
 1000 1020 1070 1260 1760
 1200 1100 1150 1330 1830
 1400 1110 1150 1320 1810
 1600 1070 1120 1290 1810
 1800 0650 0670 0770 1050
 2000 0480 0500 0580 0790
 2200 0390 0400 0450 0600
 0000 0400 0410 0460 0E90
 0200 0420 0430 0490 0640
 0400 0420 0430 0490 0650
 0600 0360 0380 0440 0610
 0800 0770 0820 0980 1440
 = ABV

VVV VVV PROMRCh = 24 11 =
 1000 1020 1070 1260 1760
 1200 1100 1150 1330 1830
 1400 1110 1150 1320 1810
 1600 1070 1120 1290 1810
 1800 0650 0670 0770 1050
 2000 0480 0500 0580 0790
 2200 0390 0400 0450 0600
 0000 0400 0410 0460 0E90
 0200 0420 0430 0490 0640
 0400 0420 0430 0490 0650
 0600 0360 0380 0440 0610
 0800 0770 0820 0980 1440
 = AR

4735 kHz, 27-11, 0801 UTC

VVVVV PROMRCh = 27 11 =
 1000 1010 1070 1250 1740
 1200 1090 1130 1310 1810
 1400 1090 1140 1310 1790
 1600 1050 1100 1290 1810
 1800 0610 0640 0730 1000
 2000 1460 0480 0550 0760
 2200 0370 0380 0440 0580
 0000 0390 0400 0450 0580
 0200 0420 0430 0480 0630
 0400 0420 0430 0490 0640
 0600 0360 0380 0440 0610
 0800 0760 0810 0970 1420
 = ABV

VVVVV PROMRCh = 27 11 =
 1000 1010 1070 1250 1740
 1200 1090 1130 1310 1810
 1400 1090 1140 1310 1790
 1600 1050 1100 1290 1810
 1800 0610 0640 0730 1000
 2000 1460 0480 0550 0760
 2200 0370 0380 0440 0580
 0000 0390 0400 0450 0580
 0200 0420 0430 0480 0630
 0400 0420 0430 0490 0640
 0600 0360 0380 0440 0610
 0800 0760 0810 0970 1420
 = AR

4735 kHz, 28-11, 0800 UTC

VVVVV PROMRCh = 28 11 =
 1000 1010 1060 1250 1790
 1200 1080 1130 1300 1850
 1400 1090 1130 1300 1820
 1600 1050 1100 1280 1830
 1800 0600 0630 0720 1010
 2000 0450 0470 0550 0770
 2200 0370 0380 0430 0590
 0000 0390 0400 0440 0590
 0200 0570 0430 0480 0640
 0400 0420 0430 0490 0650
 0600 0360 0380 0440 0710
 0800 0750 0800 0970 1420

= ABV

VVVVV PROMRCh = 28 11 =
 1000 1010 1060 1250 1790
 1200 1080 1130 1300 1850
 1400 1090 1130 1300 1820
 1600 1050 1100 1280 1830
 1800 0600 0630 0720 1010
 2000 0450 0470 0550 0770
 2200 0370 0380 0430 0590
 0000 0390 0400 0440 0590
 0200 0570 0430 0480 0640
 0400 0420 0430 0490 0650
 0600 0360 0380 0440 0710
 0800 0750 0800 0970 1420

= AR

4735 kHz, 29-11, 0800 UTC

VVVVV PROMRCh = 2911 =
 1000 1010 1060 1240 1780
 1200 1080 1120 1300 1840
 1400 1080 1130 1290 1810
 1600 1040 1090 1270 1820
 1800 0600 0620 0720 1000
 2000 0450 0470 0550 0760
 2200 0370 0380 0430 0580
 0000 0390 0400 0440 0590
 0200 0410 0420 0480 0630
 0400 0420 0430 0480 0640
 0600 0360 0380 0490 0610
 0800 0750 0800 0960 1410

= ABV

VVVVV PROMRCh = 2911 =
 1000 1010 1060 1240 1780
 1200 1080 1120 1300 1840
 1400 1080 1130 1290 1810
 1600 1040 1090 1270 1820
 1800 0600 0620 0720 1000
 2000 0450 0470 0550 0760
 2200 0370 0380 0430 0580
 0000 0390 0400 0440 0590
 0200 0410 0420 0480 0630
 0400 0420 0430 0480 0640
 0600 0360 0380 0490 0610
 0800 0750 0800 0960 1410

= AR

4735 kHz, 30-11, 0800 UTC

VVVVV PROMRCh = 30 11 =
 1000 1000 1050 1240 1780
 1200 1070 1130 1300 1840
 1400 1080 1120 1290 1810
 1600 1030 1080 1270 1810
 1800 0590 0620 0720 1000
 2000 0450 0470 0550 0760
 2200 0370 0360 0430 0580
 0000 0390 0400 0440 0590
 0200 0410 0420 0480 0630
 0400 0420 0430 0480 0650
 0600 0360 0380 0440 0610
 0800 0740 0790 0950 1400

= ABV

VVVVV PROMRCh = 30 11 =
 1000 1000 1050 1240 1780
 1200 1070 1130 1300 1840
 1400 1080 1120 1290 1810
 1600 1030 1080 1270 1810
 1800 0590 0620 0720 1000
 2000 0450 0470 0550 0760
 2200 0370 0360 0430 0580
 0000 0390 0400 0440 0590
 0200 0410 0420 0480 0630
 0400 0420 0430 0480 0650
 0600 0360 0380 0440 0610
 0800 0740 0790 0950 1400

= AR

UM05

5345.8 kHz, unid morse training station. Limited vocabulary. Repeats a digit, letter, word, or sentence several times, then moves on to the next one. Switched on November 17th from 5445.8 kHz to 10300.8 kHz. Below excerpts from the various transmissions.

5345.8 kHz

01-11 Couverture, Musique, Cahier, G, Argument, Chenille, I
 01-11 7, Frere, Apresmidi, Recif
 02-11 Lion, Pluie, Montagne, Surface, Plage
 02-11 Arret de bus, Araignee, Lecture, Chenille, L, Z, Cours, Ocean, Lait
 02-11 Education, Lundi
 03-11 Plat, Kangourou, V, M

The station stopped on November 3rd, after 1430z and returned on November 6th

06-11 Velo, R, H, S, 5, U, R, B, Q, 2, 8, I, Deviation, V, Tunnel, 3, Pont, N, Passage, 9, K, W, 3, Passage,
 07-11 6, Lac, Montagne, C, Vallee, X, Destination, Paysage, X, 9, Q,
 07-11 D (every 5 sec for hours)
 08-11 D (every 5 sec)
 08-11 Tramway, 7, 3, A, V, Autoroute, Paysage, Z, K
 09-11 E, Destination, 3
 09-11 3, R, Port, 10, Passage pieton, 2, W
 10-11 8, W, Tunnel, R
 10-11 G, CTE, Tunnel, Nature
 11-11 3, Metro, O
 12-11 Champ, Autoroute, 5, Metro, B,
 13-11 H, Passage, Niveau, S, V
 14-11 G, O, B, Pont, 5, Plaine, 0, H, Fort, Paysage, 2
 15-11 Arret de bus, V, Detour, 4, Rocher, Port, 2, CTE,
 16-11 G, C, CTE, V, N, U, H
 17-11 1, 7, J, 4, Jungle, V, Desert, Le, Z, 3, Accident, Deviation, Aventure, F

10300.8 kHz

- 17-11 Passage, Port, Lac, Detour, Desert, Riviere, Detour, Metro, Jungle, Colline, Velo, Riviere, Plaine, Autoroute, Tunnel, Trains
- 18-11 Embouteillage, La gare est ouverte, Destination, Tourisme, Lac, Le, Tramway, Mer, To change the settings copy a file from the system configuration path to the subdirectory, chemin de fer
- 18-11 Riviere, Desert, Baie, Deviation, Colline, Jungle, Arret de Bus, Montagne, Plage, Le, Prairie, Lac, Passage,
- 18-11 Embouteillage, Montagne, Detour, Trafic de chausson a droite de la porte, Vue, Passage, Velo, Desert, Voie, Destination, Paysage, Baie, La gare St Oubert, Cascade, Riviere, Trafic de chausson a droite de la porte
- 19-11 L, Destination, Voyage, Pont, Destination, Jungle, Aeroport, Document is distributed under the terms of the bus, Port, Volage, Passage, Route, Nature, Velo, Grotte, Cascade, Mur
- 20-11 To change the settings copy a file from the system configuration path to the subdirectorys, Lac, Voiture, Plage, Exploration
- 21-11 Arret de bus, Passage, Voyage, Route, Trains, Pont, Deviation, To change the settings copy a file from the system configuration path to the subdirectorys, Voyage, Prairie, Cascade

The station changed frequency on 24 or 25 November to 3961.8 kHz

3961.8 kHz

- 25-11 Passage, Jungle, Trafic, Rocher, Vue, Ocean, Desert, Montagne, Exploration, Velo, La Gare, Estouperate, Pont, Campagne, Colline, Passage
- 25-11 Plaite, Voie, Desert, Passage, Voie, Tramway, Campagne, Trafic de chausson a droite de la porte, Montagne, Oir
- 26-11 Detour, Paysage, Detour
- 26-11 Velo, Jungle, Lac, Vallee, Grotte, Campagne, Metro, Trafic de chausson a droite de la porte, Desert, Route, Prairie, Passage
- 27-11 Velo, Voiture, Desert, Paysage
- 28-11 Exploration, Mer, Destination, Campagne, Baie, Passage, To change the settings copy a file from the system configuration path to the subdirectory

Switched between 3961.8 and 5345.8 on 28, 29, 30 November.

5345.8 kHz

- 28-11 Colline, Vue, Desert, Accident, Trafic de chausson a droite de la porte, Port, Autoroute, Moto, Exploration, Nature, Pont, Riviere, Foret, Desert
- 29-11 Vue, Velo, Montagne, Aeroport, Baie, Autoroute, Oasis, Decouverte, Trafic de chausson a droite de la porte, Passage, Tunnel, Campagne

3961.8 kHz

- 29-11 Riviere, Metro, Paysage, Port, This document is distributed under the terms of the bus, Accident
- 30-11 Niveau, Ocean, Port, Aeroport, Cascade, Montagne

DIGITAL MODES

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

M42 – various modes

The Russians were still testing the following variations of this mode in November.

- MFSK intro followed by 3 kHz wide OFDM 64-tone
- MFSK intro followed by 6 kHz wide OFDM 128-tone
- MFSK intro followed by 12 kHz wide OFDM 256-tone
- MFSK intro followed by 24 kHz wide OFDM 512-tone
- MFSK intro followed by 48 kHz wide OFDM 1024-tone
- MFSK intro followed by 96 kHz wide OFDM 2048-tone

Some logs:

- 16278 kHz, 01-11, 0735 UTC, MFSK+OFDM-1024 (48kHz wide)
- 16278 kHz, 02-11, 0754 UTC, MFSK+OFDM-1024 (48kHz wide)
- 16278 kHz, 02-11, 0815 UTC, MFSK+OFDM-1024 (48kHz wide)
- 16278 kHz, 02-11, 0827 UTC, MFSK+OFDM-1024 (48kHz wide)
- 16278 kHz, 02-11, 0836 UTC, MFSK+OFDM-1024 (48kHz wide)
- 16278 kHz, 02-11, 0910 UTC, MFSK+OFDM-1024 (48kHz wide)
- 12523 kHz, 07-11, 0936 UTC, MFSK+OFDM-128 (6kHz wide)
- 12523 kHz, 07-11, 1005 UTC, MFSK+OFDM-128 (6kHz wide)

12498 kHz, 07-11, 1225 UTC, MFSK+OFDM-128 (6kHz wide)
16273 kHz, 07-11, 1345 UTC, MFSK+OFDM-256 (12kHz wide)
14788 kHz, 08-11, 1304 UTC, MFSK+OFDM-256 (12kHz wide)
14788 kHz, 08-11, 1336 UTC, MFSK+OFDM-64 (3kHz wide)
12473 kHz, 08-11, 1410 UTC, MFSK+OFDM-1024 (48kHz wide)
12473 kHz, 08-11, 1430 UTC, MFSK+OFDM-512 (24kHz wide)
12473 kHz, 08-11, 1450 UTC, MFSK+OFDM-256 (12kHz wide)
12473 kHz, 08-11, 1513 UTC, MFSK+OFDM-128 (6kHz wide)
12473 kHz, 08-11, 1527 UTC, MFSK+OFDM-128 (6kHz wide)
16498 kHz, 09-11, 1340 UTC, MFSK+OFDM-1024 (48kHz wide)
16498 kHz, 09-11, 1420 UTC, MFSK+OFDM-256 (12kHz wide)
12176 kHz, 10-11, 1145 UTC, MFSK+OFDM-64 (3kHz wide)
14319 kHz, 10-11, 1210 UTC, MFSK+OFDM-64 (3kHz wide)
9444 kHz, 17-11, 1508 UTC, MFSK+OFDM-64 (3kHz wide)

F01 – FSK 200/500

8172/6791/4546 kHz, 01-11, 1940/1950/2000 UTC

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

F01 – FSK 200/500 Mon-Fri schedule

12177/10671/8024 kHz, 01-11, 1015/1025/1035 UTC

54656 77428 71037 88642 80171 25870 86502 00490 59329 28354
95184 22295 91462 37698 25975 17746 15072 72965 82748 41681
77657 48502 59465 57810 31884 27871 67643 38242 85208 58027
90624 82300 78753 89929 61216 47144 81959 02297 10081 51274
67064 47729 16850 72504 71248 50964 55444 92576 39297 25469
68282 21236 45141 46280 19822 57966 55869 96461 70312 49554
70830 52796 77587 08458 39381 66823 13579 76873 11603 45687
37199 81222 92012 66182 21519 24265 48685 82176 07826 00933
02265 65311 10830 10369 10287 01508 01393 03288 49194 57754
25518 66489 92293 55231 09985 63241 43360 79443 75249 57546
23716 23501 36532 32205 30348 17001 21998 90103 37090 72199
33365 44000 76182 07266 16855 60939 96430 93994 40438 25134
69003 40577 41577 85487 55835 86246 12798 25194 21527 72808
88006 70024 44490 90570 83330 26154 91486 37257 13701 82386
06829 49364 00370 66226 99484 17269 93258 05058 92162 52169
39571 33640 87360 88780 49956 96676 32373 51550 09681 83721
88296 25093 13103 40855 29425 81846 76263 14634 44775 64648
97912 65297 02309 93361 18503 61600 08924 21434 93490 18938
40729 55083 25370 81437 56614 64819 83545 86351 03844 72253
31175 28476 32734 52024 76790 82093 64801 53698 01204 14474
81698 33047 68117 61101 47733 92542 83605 02582 26484 78128
65807 96904 04491 57937 35499 45727 52597 89438 11111 83951
04261 86478 44347 12345 36533 05661 96579 99146 14715 09702
35077 74431 47311 83118 22372 21595 67980 96868 57353 85998
12935 35754 94634 09177 01741 68946 44238 11056 19040 63843
84644 31544 17835 86348 34822 78684 32949 98067 18264 87329
49468 39509 57567 07547 03192 71785 96713 87457 71912 28587
07695 09901 49098 51414 83408 46155 84269 15341 14384 30172
56560 11191 67650 81014 09429 37497 82426 84136 67625 41844
62205 37634 10208 71084 97536 37695 17109 48836 66566 66155
71283 93344 98221 35330 34064 37570 67458 36869 70765 11348
34972 63123 84220 95110 61655 09973 61803 89927 48993 63374
79049 44193 27241 95846 29255 38507 61440 66706 12509 66612
58607 86827 05324 51867 48565 24436 20241 17929 89539 53404
20769 26773 54660 91908 28976 41391 84822 09125 69045 80910
73158 97973 14059 89811 04912 37129 64022 09741 04746 04695
19263 33528 60284 01870 96159 41593 77540 44255 53190 17090
76780 65166 18777 72699 60230 63822 26898 28518 72509 64441
21603 46460 99589 74260 58665 98700 37746 92969 16050 49495
52050 67749 12700 68203 56049 36638 23248 97790 77548 33741

88170 48766 86243 27339 63715 31745 78637 65117 06648 90532
71581 91645 14927 20162 18419 29259 64116 72070 46425 37376
43446 81728 57712 02243 80428 73150 40234 21427 00000 +++++
+++++ +++++

12177/10671/8024 kHz, 02-11, 1015/1025/1035 UTC

80494 99334 21846 43965 70435 71859 96034 19876 72135 44151
73526 94883 94479 38421 82739 63353 33718 21663 58468 18394
89410 16638 22379 08802 54782 00013 42138 94002 98094 16532
50430 81563 00365 89798 85677 31577 41540 49393 37559 53636
14005 94543 03160 58550 18223 44309 17053 57350 91068 45703
30826 09794 30992 13329 34018 81763 21848 34018 81763 21848
99876 16378 68865 03819 17680 47807 09673 97914 84580 83458
64099 75410 48902 09488 79792 15408 14422 57598 35158 42101
97423 21754 20809 33610 36165 46779 88736 12350 23818 53197
05392 04715 01437 13866 81223 59984 12598 55519 10019 22099
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

66384 04684 87174 64744 58495 15746 12260 42150 35635 36233
13374 39241 01565 66366 37279 60512 96330 28975 98834 30872
63145 12080 77358 83122 49864 16921 99234 35719 04606 21356
48305 20814 23400 60508 16392 19964 27724 66246 90310 53552
15365 88798 78948 30711 03523 10975 48576 69572 52702 33121
91481 42003 48490 04640 51580 35579 30629 89073 90004 33655
96193 85988 86280 67869 86747 14620 84769 71181 37461 53651
96683 90673 84068 89108 92258 52045 52900 23077 00000 +++++
+++++ +++++

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

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

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

39070 71557 69748 67332 88155 55944 17321 57983 62017 17022
55053 06948 50155 87468 71327 42813 01769 77964 42035 72543
55239 79815 58704 39032 64499 50994 47025 13195 08356 06109
68942 19239 25525 69284 26789 38575 93146 45779 75320 77907
17506 09499 10349 08749 01016 36304 12191 66472 29521 44220
99620 99429 05022 09738 96426 38761 17848 84599 40319 81624
04011 99174 37933 74086 65910 70930 03749 37232 38062 26329
83396 88475 44937 66092 63276 88424 35044 78040 75924 65201
40172 27182 34299 68119 14865 67045 37885 75092 49058 62718
93239 65223 62318 05598 68711 92163 00262 25722 91201 37909
15421 16644 28564 86263 17929 22425 66608 35279 08719 78350
99269 26917 98304 64519 87109 70911 91189 69196 24713 97588
34284 20055 90585 63937 88258 95479 37750 04242 67160 88928
98463 04988 77531 66627 21077 00205 83439 06225 61786 90682
35916 01533 14272 83168 85754 50690 59453 84788 69057 89237
82637 56371 34535 13412 64444 47298 50118 50403 12348 07793
06768 71903 40009 37501 72578 34646 51350 16596 49175 35579
34330 21873 75902 39200 48828 63054 47196 62020 71825 62830
46698 15893 47498 17239 64631 17801 38503 10592 87268 23022
45273 20720 64673 13940 24625 29552 28792 81828 35322 52967
98704 66010 99393 81453 36020 81454 54433 63297 02336 03763
73711 94695 50366 74405 67395 25291 24237 94346 43690 39339
15614 53149 64304 03514 13555 57800 91848 90111 78837 87743
52565 62524 86472 72364 80202 74963 82734 26394 25124 22991
52861 09678 54096 70840 06367 24857 57083 90699 20594 66651
00799 87411 29150 55048 90861 42208 87603 71169 71361 89610
83644 47198 31273 56125 29717 79967 58008 85154 39618 19464
45173 48266 30834 86014 68899 94689 62291 99014 10661 68648
72583 18522 07899 46827 31314 46482 50261 78650 83265 23970
95348 50841 11547 53926 43568 30081 90419 73164 55180 13561
09319 88349 97734 23365 52213 29161 47936 27537 08802 35824

74166 58960 61617 25255 38039 92370 81513 59747 24228 38135
97511 16881 85761 55789 46864 59465 05998 14295 37819 34436
01829 40751 34148 26064 29427 85653 16710 40896 81658 72345
74519 26618 19186 56385 11827 52698 10721 25792 28518 49608
10537 06930 20715 56204 76957 18294 71100 24974 44009 21706
77400 54702 58827 18501 68712 80244 81556 64759 41089 58586
78888 23673 65328 63836 28800 93620 00803 03122 36511 04184
62760 21325 34974 61426 89746 45486 61176 02455 74915 17173
89448 85256 50466 35594 85426 17740 30406 14546 50129 72585
17890 22699 91000 70759 35255 96725 68293 14617 18603 77306
02036 39602 68775 34911 90920 34660 83135 71876 04518 61294
18973 29543 78006 65992 82129 49525 81156 58851 76405 36670
20881 54752 84848 98163 26435 38604 71612 00453 93174 03230
47501 17081 15645 48365 34625 20402 06263 24447 00000 +++++

12177/10671/8024 kHz, 07-11/30-11, 1015/1025/1035 UTC

No transmissions

F06 – FSK 200/1000

Link 00000

12208/10191/8014 kHz, 06-11, 0800/0820/0820 UTC

11100 00000 94710 03013 03079
81498 66584 34488 00308 90261 78007 18962 25601 90777 55856
70412 45933 87144 78290 60419 44778 15912 47050 06254 52536
74619 38920 55535 80285 91569 74170 16304 51133 46251 98458
58209 66622 79300 23880 96401 68381 35444 06688 90919 05330
45862 41743 49959 67920 19826 23188 59184 94104 54557 69267
26138 34202 65155 49161 85323 09596 02075 20215 15587 13048
16614 68150 29174 81403 94699 79271 31780 43916 23874 77293
03032 49901 79267 73684 77342 30109 51041 04858 88953 63878
59780 02509 14685 19479 71887 83010 80820 62840 53036 96995
85373 89762 01480 02039 42143 49533 51967 80089 81500 86787
35670 54698 70945 77394 60990 54429 68049 00753 22028 69871
78341 06188 96919 61062 55164 06984 90811 55221 11843 92575
99671 42666 08647 46325 91038 63429 78602 58296 29257 18309
67390 71045 18174 04609 93319 76102 07556 81753 15667 69521
48518 19892 16624 10343 20115 78026 28307 06346 10993 26970
96986 12128 81681 81891 43598 73147 63512 38034 48259 79931
01800 77265 10832 61679 45559 28881 78047 46258 55663 28955
50531 10562 75498 96662 50154 44652 72259 57011 93390 12860
83133 55319 09851 61170 76363 25827 41505 55064 72072 13102
66666 15450 94810 00868 87703 37068 47448 74932 47845 13901
72087 82696 64270 86858 03059 48057 09997 55169 41334 83247
22067 66476 75216 10376 48134 06268 84281 36324 80081 99919
74664 79827 31890 46034 77143 51174 66402 58900 47397 24525
87659 01588 06721 58150 54409 99841 77681 23229 77699 96817
57073 03966 02206 37496 39378 29087 67003 61214 04935 79569
87811 26316 24204 99286 41449 56705 18383 37957 88905 15141
02032 33029 33510 18188 07480 83341 35186 29222 06591 79150
44717 37107 49220 44032 61922 72577 38831 04620 82102 80196
86795 10391 85870 31732 09889 97040 90090 19114 77538 17308
44471 49145 76589 35639 47620 64871 44444 69663 00502 54248
28892 16711 39011 68251 00903 13305 00000



Enigma A28 and Enigma G31

13974/12161/9923 kHz, 0620/0630/0640 UTC
 16333/13451/10232 kHz, 1100/1110/1120 UTC

13974/12161/9923 kHz, 09-11, 0620/0630/0640 UTC
16333/13451/10232 kHz, 09-11, 1100/1110/1120 UTC
 11100 00000 97541 08034 07229
 11471 87859 48666 13432 98076 36165 79749 82550 41781 93180
 97040 28821 65840 45280 57881 41258 01933 58847 09096 03581
 91573 31070 59746 51696 42302 14668 23506 79335 24605 46230
 79102 34019 20495 32859 22265 70542 59681 76790 07614 54164
 04284 42702 03925 30701 68015 97381 11217 05687 80778 76438
 13088 99817 34601 57766 62742 72845 71864 46418 26150 33115
 01758 00606 30774 74940 55877 53496 93293 10993 18943 10490
 24776 91898 95533 26685 36726 30237 98803 94201 96451 71107
 72109 94051 05178 76483 79478 92252 97363 15504 25873 84864
 84638 77928 93159 21643 92804 52908 02762 62991 65353 40289
 40890 49897 31908 86610 07316 91552 65062 63012 73620 00330
 74020 27207 61849 28813 08498 36739 79516 88568 71315 05687
 71891 55336 63117 22015 77511 90335 07662 67764 97855 32378
 31107 09248 17111 40461 93744 49469 32977 91539 97612 59923
 84446 63163 18424 33983 87487 55662 35242 29060 14584 33569
 56360 89717 79048 90975 64799 68927 10073 70489 31877 89661
 29427 90501 72280 14002 65757 60440 39080 11958 67428 88695
 82118 47178 99824 12917 18223 21744 38074 07349 86668 47232
 91113 46919 88326 34236 18036 32738 31955 17530 22669 08724
 36042 59066 37307 24019 59664 95991 31544 20905 60774 25869

07140 52880 05384 46297 64859 62614 76043 91112 54222 74439
53096 30354 42102 81095 67104 26192 61106 29389 45921 62000
23685 34468 04815 86758 12891 77401 53107 41973 85748 65741
15750 63310 50148 61768 93275 74115 01219 08093 08572 13025
28106 05309 13908 62837 27107 21391 56647 72848 82076 37510
27096 91827 98069 59968 36912 53828 99134 52930 01525 84015
26209 71645 24989 16702 96049 00845 10723 42778 07132 28002
46558 28729 03464 06146 37549 74407 32249 85905 84969 01783
56324 21491 34939 91815 07334 80278 45114 11681 90556 10701
42891 99497 77328 48125 73538 98774 46004 63407 61717 59744
57391 83806 34813 49783 75596 40953 81526 40100 70211 25557
44149 60880 60790 53538 67973 42077 89552 73269 56266 82030
33240 68622 04247 11113 90069 37505 10508 42573 02733 50568
89313 27784 03354 19778 32212 58061 91366 31543 92409 80264
80238 24073 90325 18345 73978 13669 63785 18040 59362 99619
11272 56907 24828 02414 01692 86866 41961 14918 49068 01456
70521 71249 75627 44980 72934 63006 11693 05748 49198 57544
05832 60562 28141 97993 43702 62687 75954 89710 99021 90444
07960 02826 65101 98652 14526 45608 40389 40077 37092 88309
66452 49090 55217 42188 41839 04731 70614 23391 60253 15341
99080 56393 46486 91967 06288 96672 88544 02734 48347 77307
89393 25343 03108 09192 86783 39921 03105 89550 14566 29374
06113 98440 03959 79458 64229 87931 48190 95743 77435 93643
78956 79649 42564 23344 28132 30767 33612 02275 73179 67623
74347 79912 89674 84099 89129 27837 59413 83676 42895 83399
07510 58700 06239 18883 66944 06857 06531 40841 93984 02039
51004 49289 82925 61797 32760 11458 53588 78559 55609 29778
09997 06806 38707 08795 93698 23392 86911 50693 80145 03200
37791 34124 91572 77311 21247 56020 24831 65889 92654 41090
17588 02950 25487 48666 01350 95218 74344 31613 14737 82256
44338 26973 75449 90045 27745 83032 34365 95209 93901 52502
60198 42081 43249 06507 28168 79776 61476 49050 11104 11479
34699 36664 96431 73124 11613 32923 77477 83661 23556 52498
92522 34083 98418 74463 10053 07417 29337 29518 83633 46855
84112 90822 24853 14226 66289 23144 67771 05974 63829 69980
23308 18854 46324 83361 47006 82519 96675 26023 68620 01186
88194 00615 56953 71575 43034 85664 18385 69307 32925 82955
52527 20942 08117 06021 13453 03849 65491 64443 49922 41097
91769 23633 23053 83561 42751 44794 24865 96405 44530 34741
46153 92163 27622 60276 67099 77582 29931 06804 69084 06420
29512 85862 91130 55399 93050 21280 79403 65478 51000 68624
03221 15653 35324 47644 36009 21458 40765 92383 24626 75368
95594 48663 95513 71281 52764 73609 71091 80265 37416 16922
94855 69766 11665 88568 88593 83465 42613 42592 90172 23958
84523 31720 45331 05457 11083 12459 51911 68711 58713 05367
79968 75301 66846 40192 16200 23536 26109 40554 06126 53098
70360 27873 92463 30673 73511 49216 73125 33694 37066 58764
27292 74439 79328 07576 82979 31641 62196 21336 24556 81804
16506 70792 63633 47415 51831 64537 21775 04236 61707 18861
98459 14870 60198 84320 22735 80777 10743 33759 12000 29948
33233 41415 86354 82389 00248 07849 11954 60648 58381 10349
71801 37533 35614 83519 87424 38230 20651 59726 39863 39006
34720 00000

13974/12161/9923 kHz, 10-11, 0620/0630/0640 UTC

16333/13451/10232 kHz, 10-11, 1100/1110/1120 UTC

11100 00000 25671 09039 03129

71848 19222 21203 96545 24785 70328 78287 36888 36944 62542
92451 53174 45584 41315 61736 64480 65504 52688 51572 49112
18970 36667 80420 66545 14169 63277 18794 46260 58150 40978
50082 85663 15165 52135 66649 24272 46358 95220 99604 86365
91744 38448 05716 09269 80407 14517 59879 99476 79859 11158
26603 83797 20498 37166 08923 47696 56095 68612 98200 78043

46267 04916 73243 52435 71844 89464 22167 42292 19098 74484
85459 21904 93743 34819 43671 00636 50673 60336 98166 20447
50346 81629 18389 85941 77777 08706 54054 19126 85057 87351
35740 56054 43355 02867 12274 27562 15314 85837 98385 91264
83813 99660 31052 07017 98006 14485 57965 73014 22578 97268
06566 64729 01170 72637 07091 43862 69896 34232 68050 29503
81904 11231 27591 48689 28894 19731 29174 08540 70559 53692
95002 57165 07876 95102 95649 25529 61163 48088 39308 67457
38886 26619 29107 39980 08100 50526 61936 91189 02509 29506
67206 47810 29044 39797 08996 19656 58925 23222 00006 63179
14133 63279 00774 71280 85216 17977 02579 81579 41403 14084
17474 20329 18918 32506 23885 24164 98468 39454 41213 06867
07828 43099 31881 63340 10448 80412 54257 27976 66055 63864
14893 29603 74145 42664 93518 10210 36332 58259 39230 99617
98480 98737 61298 63305 58562 81862 63054 65560 51170 21390
92272 15150 44630 56394 06497 85702 11653 48250 76742 27983
59451 74994 78023 16246 30273 77722 40121 95863 08281 38741
57055 24408 93711 96130 78677 23379 30267 24430 32834 82761
96659 36118 51529 85605 98254 83589 99536 44815 19754 66296
28882 69322 24842 72762 07647 01855 13755 12144 96525 95466
74683 15027 71571 21026 89973 08154 16574 22850 83043 92764
33504 64669 16957 81232 44457 33115 80605 71693 83546 90909
23412 65348 02166 96952 24522 56132 36075 35491 07389 47429
07739 21556 35722 75530 62353 74858 51708 44512 61009 79332
42464 02237 79408 70501 45644 12142 85597 17872 30144 00529
39310 00000

11100 00000 47139 09040 03129
95018 95007 95394 96715 11218 03035 82686 29016 52216 06972
04434 84697 48468 92963 35679 35536 16631 08230 07218 84013
86676 65400 71042 09315 25594 29767 80347 86066 24859 25380
63758 74278 43858 20932 98501 03899 26463 81362 12178 02456
32934 96121 67836 39181 54336 20036 12045 84094 01679 87704
90627 05455 86929 87371 61771 54030 38130 05206 61178 07626
15764 75929 98961 74299 22593 00733 92961 77705 24136 18411
68181 73009 21975 40658 77018 66802 47085 87466 19985 39457
65371 83549 71609 93365 12598 01749 41189 75492 00903 64345
23111 47677 64075 38217 16393 03139 33801 84786 18165 52594
64038 50690 20754 28458 45743 10101 67075 80536 79093 94657
44011 61668 95440 71923 18460 26738 46139 58324 45758 93512
00471 77485 05145 38730 19830 99925 41968 27874 00368 25037
21316 02088 01287 91275 22763 70644 00955 25530 30915 82423
48056 67572 01443 74838 99930 30550 07292 23626 65324 83453
94753 41966 93708 66489 04096 02352 78376 75303 34415 79646
65496 74984 57433 38773 86305 29803 09892 15474 54639 59590
19259 63564 96977 58738 42416 67138 07201 38712 22027 41146
43238 80053 90263 68790 07800 04783 74589 49177 80376 05156
85275 53657 92698 89697 89345 14298 64836 32470 00633 92915
44137 36488 40637 04122 14175 47244 49876 90801 65917 77257
54401 75477 48275 27603 17187 35983 40242 17353 29065 78898
11805 56854 18902 09173 65800 25803 87694 19372 77931 42039
96291 47000 77102 31993 61397 73322 33280 38743 39584 62126
45064 28596 03965 61862 44144 82146 43236 19608 58846 80749
37774 80275 03948 24332 92458 69520 88940 41492 30936 83768
61955 77833 80987 35821 31501 73436 05696 29455 33235 65448
60110 61468 33935 76699 78076 74604 89866 76288 18937 09788
01735 23087 28780 31127 33403 28084 95924 22089 86568 96519
05337 76322 48585 35739 21652 31534 55612 39711 55503 19871
38295 86137 92838 33252 42136 07103 91909 27070 39775 19196
40310 00000

13974/12161/9923 kHz, 11-11, 0620/0630/0640 UTC
16333/13451/10232 kHz, 11-11, 1100/1110/1120 UTC

11100 00000 54817 10043 03029
65242 31506 10676 91481 73955 71715 78425 81249 65275 77742
40758 79170 12641 35703 97842 09116 25520 18496 16990 96682
52088 42958 37141 85374 28884 61870 47666 24366 88369 45521
14924 95028 60337 32505 55006 68428 28109 54447 76118 10951
25455 64346 39017 80273 85166 23207 08966 78847 75234 24673
97612 57090 83560 62328 18268 83470 37139 69367 02981 23682
66653 85304 54878 96075 52412 29440 34199 95558 12580 85734
01444 03134 19624 28805 66104 23270 55924 45724 14393 16296
44481 33299 14409 17994 15655 75535 22188 63597 95880 30958
37067 58366 29297 84485 79805 61925 68213 43541 91891 78574
93369 83091 79486 70725 49918 69300 50425 37688 10060 16474
17727 26964 98288 57008 68050 70249 40157 29001 18517 61338
20527 11231 10364 18103 62226 60189 12837 95740 61048 28847
35789 43488 38045 71849 74396 21965 95035 66825 34447 23369
84279 06491 11630 61670 28245 41249 23270 25027 50413 76962
15936 07591 03058 57585 97369 62891 02928 87354 66168 45996
10789 72211 37655 36625 15735 85150 89383 60406 10239 85187
74702 50466 66851 44619 77828 16546 52502 64279 08865 13809
41334 81466 62184 28561 12015 00234 86646 23040 40453 98734
41056 06478 23866 93300 33318 24625 97129 63949 66720 84911
27351 71004 41783 59447 97607 17517 87111 33033 15774 37171
17693 88389 09391 12375 44067 45772 92503 52202 80819 99171
15414 84892 27821 16284 33277 44591 22668 94437 54482 57011
87742 89660 54759 53707 20345 61089 67942 69653 99329 97886
89338 03810 06677 20875 52618 47361 87452 76055 66191 09326
96575 62221 19987 94203 05846 59827 98580 11375 69657 53325
61609 20918 72847 64141 77410 45540 09107 36484 20812 03312
63395 43176 71034 40890 96799 03685 70614 71911 57268 31559
31309 50256 64664 53438 97908 32859 43573 66832 05895 11755
02301 28866 93889 20061 81496 93157 56817 41558 20850 37037
43300 00000

11100 00000 25148 10044 03029
01813 05983 10239 95532 02070 60024 25766 07501 72139 54370
81845 31428 18310 62333 29393 18647 56014 29906 17480 85097
92858 09638 56487 95841 94944 11022 63776 62174 16188 65818
84069 12275 95309 31765 01725 21326 50187 83091 87091 12043
24263 61299 44135 61555 64685 84626 51522 75572 36879 39644
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70531 47531 78468 92645 35023 99619 87350 80729 01142 95325
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44300 00000

13974/12161/9923 kHz, 12-11, 0620/0630/0640 UTC
16333/13451/10232 kHz, 12-11, 1100/1110/1120 UTC

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31772 46168 48276 97052 95239 98232 01272 20615 82052 57683
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98221 24586 44543 65997 11501 04728 97077 03320 49007 34914
02217 04639 56670 93312 68351 74674 46934 61352 73700 34872
53752 17472 28782 04497 81827 02048 94840 61517 54770 76965
75415 69212 91881 28247 23244 79436 68223 85184 29688 48480
37686 54417 88859 26469 23732 92387 53647 06238 07496 64610
25821 42608 67942 65199 47407 78016 53758 95083 85523 35430
91670 22351 27858 64485 60883 73163 30971 51778 88302 26669
88632 31264 44269 12364 12352 55685 43443 33322 41312 14973
80575 63755 23880 12560 55811 94310 37891 35540 69245 23578
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56836 92158 76289 01074 03265 18801 10424 18446 34102 45109
63803 00672 52634 28599 04440 65028 06361 87312 00271 14752
04205 04610 36803 96007 45141 91063 20407 83096 87944 51944
09433 02806 16731 33691 40354 33873 81994 47837 41120 42474
21820 95802 48891 39689 92947 43016 74370 71876 66404 15776
79895 79895 67364 19318 63489 88115 63933 00500 66055 09145
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82797 57053 40519 92518 19660 84942 53602 04944 10859 56528
40569 40332 67427 21781 00265 12907 35451 61004 58599 49166
07170 09099 33605 31925 34908 93982 71295 98351 15037 25111
32009 90454 34126 93032 31936 81437 94505 65912 69500 26382
61401 93973 91294 10676 98840 57778 77259 94639 86516 21301
49780 77771 34800 75720 36402 31075 40075 84869 40843 70870
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48300 00000

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36963 54636 79660 06642 68759 29878 85512 25833 22853 33516
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66133 26021 96580 52864 16077 88018 86607 96450 67578 44900
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96551 95006 77717 98379 36759 26676 04760 54700 12096 12936
88537 58933 74727 07171 33746 98398 55474 09550 46571 05757
01304 48241 09535 76993 84014 16593 36129 88333 03553 83452
91170 41767 34392 18820 87817 93873 88418 02020 97178 47642
92754 04580 31467 11959 05967 65010 86615 58462 21085 97652
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88182 93838 84751 45279 66710 37774 87385 05558 65266 24497
49300 00000



Gretacoder 805

13974/12161/9923 kHz, 13-11, 0620/0630/0640 UTC
16333/13451/10232 kHz, 13-11, 1100/1110/1120 UTC
11100 00000 37168 10053 03529
55721 04042 26496 98522 59882 10136 90341 19291 44760 06411
64645 22930 60952 64390 74677 49045 47781 62095 92640 44178
40554 64136 56905 51711 88877 56990 67115 81176 71927 69136
03621 99140 21641 30736 44657 08866 89747 52565 79718 10920
19592 28859 42558 61936 08674 93779 12258 73706 72856 86177
55798 19786 48159 02344 10577 41816 91099 41443 30293 72732
63500 73300 42664 19060 12705 83245 92383 69473 83145 73695
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73449 83947 81414 95424 32740 50208 89778 62659 96691 12270
28700 85789 82194 25266 02245 02104 35525 94774 84276 85779
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50697 40369 11461 20443 57309 48132 93234 91264 57017 53875
53952 34842 74776 41527 84033 32169 34957 04979 88170 57839
41267 91464 20957 51991 05217 87609 35911 59145 09050 77850
96308 76121 14088 29905 21269 76227 50421 86970 65535 01905
48884 71364 56382 43019 01257 29261 36090 42978 59621 71242
83423 99879 10819 88331 12551 54852 86944 48199 72844 84806

97807 01243 97991 41753 96310 51200 77866 05899 12669 70025
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95884 26852 82148 42971 04091 96082 19994 44086 36177 24538
79628 15290 88505 23491 39762 36831 70791 58883 91884 50117
84861 88835 46604 83164 20686 87599 72119 36708 55647 85608
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92516 74022 12367 37479 51600 98055 99731 30898 04714 08839
55423 96658 62108 99211 26529 59616 70201 86974 05631 75634
48041 40976 80026 71404 55124 63950 64627 02709 51497 36771
41993 48341 36081 53817 57932 81849 74152 04153 46104 88305
49930 78175 80065 18275 05189 04458 76190 96189 49847 46445
53350 00000

11100 00000 85649 10054 03529
76086 40156 41099 54679 21314 45245 29171 47527 44781 42608
35554 74453 40296 53800 05600 25076 45277 87568 66314 25808
23705 98363 37682 90222 86674 32844 83930 69113 11480 69054
28169 17464 45170 77968 78851 20484 03524 62079 41486 45927
01360 50730 14043 14862 75140 56876 89480 08082 83795 24946
13853 50356 98706 24518 73406 39697 18790 69478 09130 13827
71608 67355 82172 71055 86468 28518 38589 87720 50415 89920
46831 99414 83079 33099 06433 38157 91313 01072 51323 42717
89542 43877 96211 84265 96782 47392 99467 74549 46255 25152
40948 48770 68529 77840 38204 40357 34151 50141 49500 89824
66664 39648 37088 54900 62000 37502 89176 14103 75131 05467
24027 80971 59966 19106 24611 71127 73389 31769 77280 89349
79410 39061 12872 28862 14341 48494 73694 00015 98945 83989
54832 30545 08509 79948 93200 04609 36741 44544 02791 32774
14474 96953 79551 70147 69079 08189 24331 24845 35547 00244
57319 23976 55158 83215 22445 29335 22700 35115 05134 19987
68145 54024 11900 83939 83748 37324 85176 86076 32486 67641
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00981 53020 04999 60159 19057 87831 22218 67034 82229 72203
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61282 44103 12297 76090 96012 59599 18429 47168 39337 45094
36256 18046 52331 52620 34216 47289 84743 90460 26458 44297
51792 50905 30358 50610 09508 30675 87410 38130 14536 73716
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29162 48857 52479 07299 44744 72752 61936 04783 84623 41790
91961 62201 23715 74860 33567 92403 90194 07544 13162 44991
94836 82557 63544 55017 43266 54753 67642 55463 67052 90355
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94980 26850 32861 90777 17453 50179 05017 32532 48200 99233
54350 00000

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16333/13451/10232 kHz, 14-11, 1100/1110/1120 UTC

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95872 12131 71581 12099 18352 29580 18764 21041 94906 05085
27433 57504 29824 77734 56287 06268 78419 56207 84240 14508
14631 75502 87828 47600 53792 29554 98019 41900 60270 28152
78598 65426 94648 51634 93323 22401 80152 01750 54043 62563
93000 72162 66950 81218 06368 87023 19179 20935 42649 81039

72907 10851 13714 19487 59182 04503 53832 81603 88622 02142
74968 55799 21221 68445 99121 20117 62401 81587 47411 06388
77543 74588 90575 71511 42143 54889 90600 24310 69812 13084
88132 81377 85296 56755 15393 50376 34693 30339 39260 64210
50074 06963 64219 14514 10686 63197 49858 57898 67914 72655
59120 00000

11100 00000 89621 13060 01229
84052 51172 42967 77158 20539 06113 35176 00645 24688 33013
63245 22817 14481 25764 91535 14956 68761 65763 37937 96086
05473 31864 17399 19344 57263 97148 19533 28758 99142 85957
87488 22382 07874 89598 90288 82704 57791 64197 05805 60289
82737 59110 56567 21566 58790 49334 65590 96731 87488 70369
24416 88673 84227 78955 90535 28876 01520 88119 56409 91231
41807 49985 57243 99697 39509 84772 09732 90747 16999 79419
98938 16533 44192 04282 55514 99713 56436 21322 90429 75884
10387 82255 79419 84532 82563 40064 14319 94474 40264 22328
63480 74697 39535 39818 08464 46553 29875 28772 49182 78227
70365 50302 94689 07450 86920 95370 81802 03341 25325 68767
88744 03378 79777 50530 35993 86384 01590 58242 91519 67492
60120 00000

11100 00000 65487 13061 01229
28624 39163 20008 04938 57947 13932 19266 51652 60328 53381
71728 77440 43678 27227 51729 57768 79242 36299 61438 68583
47320 59895 61386 07744 88159 29022 30406 63423 87720 73943
97138 40422 52985 19489 10315 80327 56509 26551 39998 36454
54894 03212 26966 89520 10878 33936 22425 14970 73721 00269
85246 37898 97593 91472 28910 36514 02616 28547 35337 80072
08284 50060 77813 12221 93934 33237 20174 15685 65950 48738
84449 19249 36394 72569 04158 32953 42749 03554 05423 22456
63468 59812 83118 58484 09009 52680 64214 02333 93037 61510
75522 13323 13508 57782 58017 89179 98283 51977 94934 75256
94997 61634 45821 03538 09843 24041 03731 47374 24973 01989
17753 02870 49202 56031 48058 32869 81698 81689 45656 34484
61120 00000

11100 00000 67541 13062 01229
75624 78449 34289 97764 40084 19086 89599 37213 63021 18387
89945 61950 20785 72818 66261 44695 42187 27497 24382 90862
10527 55043 83044 47344 01252 12652 03014 66858 97457 88332
61997 01301 50401 72234 55058 22543 77227 14018 25198 94104
13083 52191 53804 42141 59821 26364 65653 99191 98466 08340
28140 19111 57647 13002 49449 86635 55160 74918 05323 70012
54875 01608 49145 90137 06163 39398 85003 04626 58017 12832
08428 30270 65084 23532 44499 52314 27768 19482 38003 93971
33601 70659 75321 44648 92086 11946 42751 70283 80167 39264
50941 54266 40538 69877 80120 42346 99976 02779 25821 89995
99874 40125 49776 35640 56173 55636 65680 48218 90872 20909
14502 22479 02314 25577 09028 20488 66419 52253 52345 82748
62120 00000

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51543 06939 42770 53141 70752 61055 16116 95688 72644 66564
75371 07850 99484 64065 44902 93265 53552 60242 09563 08405
53188 01851 53405 99877 38159 96297 31309 06313 97778 45984
09452 04469 20217 88604 35566 04277 86436 60598 24920 22482
57202 25922 72957 89604 26591 37349 30540 69875 40439 22477
02711 98852 03174 11622 56951 68401 21459 49803 51829 13724
58099 59993 22008 82127 94625 49826 80528 88218 26018 78946
24328 85211 35994 29199 53909 07032 26299 44828 43107 60921
98435 34890 19895 75200 11279 55059 44163 31913 63000 11016
93404 39004 70750 50599 92249 21751 46534 36927 46786 38110

92707 19652 69603 47683 65549 46549 06495 88977 80333 82632
00757 44663 56338 28964 56024 99498 25246 58373 83582 20625
63120 00000

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16333/13451/10232 kHz, 15-11, 1100/1110/1120 UTC

F06a: [File 44469](#) (binary contents)

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16333/13451/10232 kHz, 16-11, 1100/1110/1120 UTC

11100 00000 84625 15077 07229
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13483 24435 98736 22863 06097 57983 34394 18349 57729 28068
49014 35392 77382 72253 68194 65805 18337 03013 59640 49865
65645 38945 58025 44301 94818 91951 69613 89203 25138 27561
42620 03555 16039 40577 14227 64053 79991 13253 70190 46929
10331 48173 77997 37435 47459 93026 79480 36703 31866 99459
53850 20643 17407 83206 87073 30596 43267 77669 08541 00392
88057 98145 80946 49542 54478 58889 54340 97215 57981 10188
20271 76713 17880 87646 26964 55116 74337 90873 41474 87793
79661 33740 69748 62463 37368 33409 70537 12498 87428 30331
24086 04141 61142 56370 41555 27352 54081 93277 26098 44944
90541 88667 21537 79711 77923 21719 09573 44233 74508 35754
41466 43039 19034 79913 15136 01828 95536 27090 33598 03423
31881 60325 05689 35154 55414 44850 75019 77352 54192 27956
88081 87646 17211 33887 37454 60745 52070 45935 41046 68397
03528 92939 43312 09216 21360 82354 49376 23049 50983 47098
28001 49598 45264 98353 44354 35949 20959 01512 08477 22726
08217 17455 50434 63544 66591 76349 58047 57449 65991 76153
38169 99031 56010 23013 87429 75909 72074 55747 83392 68255
51838 21596 32057 30066 60281 95427 32647 56856 46925 59595
45625 69465 83622 86615 74862 68668 56345 91874 99906 40269
09420 48541 19289 15372 65637 81869 90799 15521 70678 85088
79674 37384 35298 24056 50633 56678 73696 22875 64695 56016
61523 47653 66725 06378 61940 30590 74635 56865 93199 01592
06184 12465 36154 19582 04315 04467 05150 20719 46962 83262
30734 25689 52272 88188 27619 73265 15166 74100 46339 72332
36192 99385 32025 89549 28603 05081 38763 14847 14585 39792
72942 71943 46594 10108 64051 66068 14720 61176 86350 86081
26025 17160 79864 03172 66797 36231 44122 33324 83647 59810
03097 55751 44388 60729 64767 04462 64642 20006 23748 75163
11106 86919 80425 14686 17414 02083 75034 85109 73537 88174
60108 19792 74653 38049 59757 13471 40427 54888 89188 13642
40639 24100 32925 05394 88101 21629 05148 06880 84792 88396
40612 17632 32153 25530 89562 86886 41482 90086 15085 94123
05366 95947 16351 58994 16079 49580 26163 22834 41897 75350
56264 68945 97259 10070 88836 73837 67709 71474 37626 06607
75565 30309 27137 18656 97246 40718 63328 90926 68200 08628
94251 30843 36364 02793 84070 36148 50092 38216 48892 67821
91509 86617 27855 99269 91192 93638 87909 33969 85153 07472
85725 08756 00035 48612 35165 24951 77467 75393 53762 74497
73534 25029 86642 53311 94253 34822 31322 79024 53050 73231
11820 55306 61125 35504 75532 49964 86683 83531 11286 78988
43937 34639 12032 13755 97835 28987 30602 53546 95460 30274
01965 30606 60009 39424 30429 39887 08321 25958 65220 10707
77869 06714 12884 62473 74171 26637 59927 11691 74540 21290
04166 22411 49125 65803 18193 17344 85167 39927 93416 91783
25432 63893 38100 97568 56716 84760 27844 89237 09413 17937
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72134 81268 75815 98061 07347 21608 44919 10575 54792 32739
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29937 60306 16741 09385 87574 91492 91478 96155 82066 43208

26713 57447 23398 70630 99562 60078 26793 30508 71983 79812
76032 41540 11365 98111 75947 90542 40137 43893 29992 64104
12812 72508 03868 10428 43909 99110 61107 61025 35196 28604
81578 66963 75681 49363 98827 29354 12798 82910 17217 28770
18221 06735 94775 83263 96746 92447 02718 89699 11677 26452
97553 28068 25143 05329 66739 33475 76816 23101 33797 65499
49422 92599 33846 29594 94521 68083 95480 30232 16973 61323
89934 60473 41530 68330 33469 57652 10005 48915 53917 79851
82428 26263 57328 82884 40665 98727 55648 02434 17893 81002
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67780 09089 29581 73684 86915 64133 67960 12908 77374 76700
75038 83866 81798 05874 50603 82360 38447 14218 38804 60745
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85459 21904 93743 34819 43671 00636 50673 60336 98166 20447
50346 81629 18389 85941 77777 08706 54054 19126 85057 87351
35740 56054 43355 02867 12274 27562 15314 85837 98385 91264
83813 99660 31052 07017 98006 14485 57965 73014 22578 97268
06566 64729 01170 72637 07091 43862 69896 34232 68050 29503
81904 11231 27591 48689 28894 19731 29174 08540 70559 53692
95002 57165 07876 95102 95649 25529 61163 48088 39308 67457
38886 26619 29107 39980 08100 50526 61936 91189 02509 29506
67206 47810 29044 39797 08996 19656 58925 23222 00006 63179
14133 63279 00774 71280 85216 17977 02579 81579 41403 14084
17474 20329 18918 32506 23885 24164 98468 39454 41213 06867
07828 43099 31881 63340 10448 80412 54257 27976 66055 63864
14893 29603 74145 42664 93518 10210 36332 58259 39230 99617
98480 98737 61298 63305 58562 81862 63054 65560 51170 21390
92272 15150 44630 56394 06497 85702 11653 48250 76742 27983
59451 74994 78023 16246 30273 77722 40121 95863 08281 38741
57055 24408 93711 96130 78677 23379 30267 24430 32834 82761
96659 36118 51529 85605 98254 83589 99536 44815 19754 66296
28882 69322 24842 72762 07647 01855 13755 12144 96525 95466
74683 15027 71571 21026 89973 08154 16574 22850 83043 92764
33504 64669 16957 81232 44457 33115 80605 71693 83546 90909
23412 65348 02166 96952 24522 56132 36075 35491 07389 47429
07739 21556 35722 75530 62353 74858 51708 44512 61009 79332
42464 02237 79408 70501 45644 12142 85597 17872 30144 00529
82310 00000

11100 00000 61954 16083 03129

95018 95007 95394 96715 11218 03035 82686 29016 52216 06972
04434 84697 48468 92963 35679 35536 16631 08230 07218 84013
86676 65400 71042 09315 25594 29767 80347 86066 24859 25380
63758 74278 43858 20932 98501 03899 26463 81362 12178 02456

32934 96121 67836 39181 54336 20036 12045 84094 01679 87704
90627 05455 86929 87371 61771 54030 38130 05206 61178 07626
15764 75929 98961 74299 22593 00733 92961 77705 24136 18411
68181 73009 21975 40658 77018 66802 47085 87466 19985 39457
65371 83549 71609 93365 12598 01749 41189 75492 00903 64345
23111 47677 64075 38217 16393 03139 33801 84786 18165 52594
64038 50690 20754 28458 45743 10101 67075 80536 79093 94657
44011 61668 95440 71923 18460 26738 46139 58324 45758 93512
00471 77485 05145 38730 19830 99925 41968 27874 00368 25037
21316 02088 01287 91275 22763 70644 00955 25530 30915 82423
48056 67572 01443 74838 99930 30550 07292 23626 65324 83453
94753 41966 93708 66489 04096 02352 78376 75303 34415 79646
65496 74984 57433 38773 86305 29803 09892 15474 54639 59590
19259 63564 96977 58738 42416 67138 07201 38712 22027 41146
43238 80053 90263 68790 07800 04783 74589 49177 80376 05156
85275 53657 92698 89697 89345 14298 64836 32470 00633 92915
44137 36488 40637 04122 14175 47244 49876 90801 65917 77257
54401 75477 48275 27603 17187 35983 40242 17353 29065 78898
11805 56854 18902 09173 65800 25803 87694 19372 77931 42039
96291 47000 77102 31993 61397 73322 33280 38743 39584 62126
45064 28596 03965 61862 44144 82146 43236 19608 58846 80749
37774 80275 03948 24332 92458 69520 88940 41492 30936 83768
61955 77833 80987 35821 31501 73436 05696 29455 33235 65448
60110 61468 33935 76699 78076 74604 89866 76288 18937 09788
01735 23087 28780 31127 33403 28084 95924 22089 86568 96519
05337 76322 48585 35739 21652 31534 55612 39711 55503 19871
38295 86137 92838 33252 42136 07103 91909 27070 39775 19196
83310 00000

13974/12161/9923 kHz, 18-11, 0620/0630/0640 UTC

16333/13451/10232 kHz, 18-11, 1100/1110/1120 UTC

11100 00000 19735 17086 03029
33192 92695 63221 34226 72862 67733 93609 21051 75849 99138
93817 42210 03221 48861 31678 02267 79826 26293 54809 17605
54065 80814 22101 17618 22577 19051 58741 63569 43332 64018
20712 14832 85517 98359 79689 97158 89696 58840 64307 52705
36642 74309 18688 76473 48314 64301 64205 68869 69391 40468
75409 59060 02815 78037 06044 78821 97768 49467 26097 91557
13541 37508 55836 06192 07705 69836 07740 30597 22044 42461
72282 44273 64681 24092 08506 94947 11825 58642 25314 48789
77591 08073 64422 48919 25325 02753 20908 61920 18862 91523
62300 17007 37171 08666 32134 67576 00816 99934 48921 29792
83664 74882 36465 77920 08294 77622 46463 01088 48525 93246
59328 51144 87519 32072 74176 36341 04885 58904 23909 40486
91216 59516 76323 72278 13526 61512 07211 74509 79975 51778
56348 47807 77375 57703 02354 68626 79871 84352 17311 06160
52250 24794 87132 67865 96331 85743 08569 28295 13844 95746
98822 20903 84253 88050 78701 97545 80971 75381 15232 85330
74369 58802 34695 95519 95061 37835 42004 64179 55864 14046
07368 29243 55899 05272 06178 73697 15246 12681 23054 89563
13617 07849 55990 42368 31458 32046 81531 40795 16937 24920
66928 41188 27249 24754 40199 41619 17666 07502 54037 45184
76790 56777 04511 97231 31431 81984 90473 26196 69543 26787
24652 42742 54679 35090 32311 76891 30374 66735 98471 57823
37915 80084 49592 66044 95924 23693 80660 12605 15196 04241
63637 25056 47225 22935 98180 44828 89868 97545 90595 65729
98566 12278 71944 68239 76569 62663 91251 29294 42613 87661
44746 12242 99459 06148 27080 66674 51771 99991 15444 92792
46722 10901 22549 50022 35810 43220 79380 14551 81299 89882
33678 15479 55721 23682 75074 04275 07890 21075 22837 37209
93844 10684 37139 75475 96187 63693 39807 32667 80227 68336
55472 24309 60376 55643 09081 99123 75247 68645 40678 56728
86300 00000

11100 00000 27914 17087 03029
87047 97625 98160 20522 63113 16737 46902 26542 86717 11954
57318 91989 89283 43892 24949 31842 07088 75933 51730 55946
65231 87862 82950 97562 39065 76718 80245 22067 16486 62036
16560 45529 09551 37673 04025 17833 88846 37401 90676 50039
39052 06460 86967 90675 59125 96253 07997 80635 55556 24377
42396 41379 02135 67162 83822 76128 64643 76939 85979 88726
13939 41178 27114 49872 75853 25722 94919 65397 91337 69291
27793 26286 85306 21439 73374 45118 67610 41150 50302 08627
14568 98281 24142 01060 04511 45013 33402 78017 05765 49507
26590 95486 40509 08967 96235 23715 72955 84270 20833 00654
95279 23384 50624 04634 09744 65715 98164 50958 30449 44633
19626 42123 53151 30302 97736 26331 66584 80043 62341 43990
03726 88402 09485 66895 56436 54111 04968 59769 01918 06130
83316 18855 14431 55963 78100 67248 60693 68428 44532 11651
02416 68068 60292 90242 54399 23405 15511 66353 71644 76197
27855 47617 63885 07921 43638 35314 61025 60632 10915 33561
77866 54421 35482 73064 51612 68630 55719 29108 50544 79027
97228 38463 77344 68133 93187 44916 15470 50869 81360 28094
92041 82729 13719 95282 55665 42668 39582 40916 92643 07863
48245 03427 29988 62580 82004 74158 98703 08296 55538 38004
55749 67278 42571 50475 88133 96817 15760 80887 47580 56285
50741 76338 89189 94209 30273 26185 12550 47564 09417 31686
28719 70450 27689 10517 01532 34355 79122 90826 36653 67183
76177 74538 16824 23254 68437 74579 06744 01423 02022 55712
76010 53557 30672 33680 13565 50515 14419 12331 32084 97841
66799 63424 85744 18353 36537 78793 49810 43804 34635 49569
35465 82831 42821 52127 38345 57344 64267 45479 44198 24565
02546 09760 40104 26902 79733 80526 04706 36841 29621 58544
75877 89044 26953 99740 19274 16840 38646 15033 46197 35301
07907 34701 54210 38087 07214 16999 88953 00249 21066 05692
87300 00000

13974/12161/9923 kHz, 19-11, 0620/0630/0640 UTC
16333/13451/10232 kHz, 19-11, 1100/1110/1120 UTC

11100 00000 17286 17091 03029
33476 28508 92252 94261 47505 88632 88366 80305 45234 15504
17276 14696 51857 49231 25203 31940 31883 47199 48268 33612
73042 22345 97615 82731 01925 40122 37996 65424 36055 97600
76991 05813 02073 33124 07078 45060 74713 39977 67701 20514
16282 82492 19569 05889 21299 38038 48321 98415 96014 13320
39803 63905 27463 08435 94086 75657 21769 27122 70470 08158
16370 56638 80604 71490 95852 65702 71961 97423 66097 93939
68817 13080 66402 31272 62946 63146 24287 10686 71208 66563
82659 62815 02216 18610 54037 05779 99269 74354 81495 68708
51762 74370 11058 72409 92207 98695 05183 15584 21121 59934
52065 40058 26905 71467 50417 73451 92952 51691 74430 72728
09134 50236 48595 17061 29879 07089 87078 23447 46014 80564
77333 83523 62571 05068 12638 45001 99726 64565 03245 86176
59084 92736 20837 56933 22472 35704 55961 84701 75443 38307
93153 68781 72681 39852 33407 11492 87478 90266 18713 59571
12483 22599 38321 54268 03912 42814 21438 13561 86402 22799
46032 94946 60694 07537 18445 12231 81334 72378 03482 04758
96589 91341 09692 82524 67748 02393 59496 95609 10011 80631
98880 01347 22148 55327 26313 27709 97108 31739 45602 56299
30786 03656 72351 73426 71103 67604 48734 62674 74623 74642
46237 37415 62872 80703 61094 36701 95540 81397 32075 32975
02788 42233 35332 25031 43797 60182 35975 14673 83800 17532
01083 90488 06743 13961 03822 67208 05778 87769 73363 54054
18783 62211 70299 50532 01086 77867 92220 93112 52581 96974
39168 01213 41430 90685 93631 95943 91529 45159 94783 90049
25938 47448 11649 72464 83450 37101 44872 35949 50497 34427
11802 21220 75566 81361 94552 76032 58338 55865 55745 52627

30703 45789 51613 92009 71874 93162 97155 68467 24756 44817
63031 92792 05785 70302 08879 97625 25398 33023 82748 53365
61352 25533 41333 88086 52043 04933 70694 09898 02048 89295
91300 00000

11100 00000 35714 17092 03029
69107 47123 24256 57120 42158 19372 32887 99241 57636 71428
17948 05761 82931 94504 81856 95581 21616 26752 91813 61912
00746 83506 99767 15842 07477 34115 95292 94461 48431 92523
27303 13227 30259 13837 55568 67247 84829 14009 17940 11185
87480 54871 24242 72459 41787 61685 12761 77434 29253 65391
30265 95285 47396 86760 21507 29233 84646 04626 39120 09815
05490 75382 09882 69908 44314 95945 18247 06177 31379 27353
93109 56624 99351 21199 08725 48951 43848 16089 35732 99407
36417 96299 03203 66807 13398 29833 57672 91420 89100 28058
30076 73407 66735 94113 46534 70488 45537 52273 43920 19552
47517 75455 76156 11864 12279 53064 22167 76582 33342 66344
31422 52260 34406 63457 68034 51024 08991 51433 39308 45118
71899 47222 19711 30491 95923 55004 06192 47132 32256 61959
65778 60826 38017 69683 61406 36024 59355 03433 66897 54509
43556 66395 07046 59564 78577 31159 83733 30298 83480 85581
74018 15849 98168 75241 11137 84129 45876 09654 84350 64818
66861 24455 18576 91267 46713 16712 19744 71034 87738 95584
96812 39704 96841 15498 96379 77704 88353 84012 10833 94801
25234 61612 45970 11951 47095 95548 59030 95199 58474 54974
03069 21337 75804 59521 38628 79955 56504 18531 98618 41640
58645 23111 17368 46947 04614 58217 59763 95876 47218 26937
11432 42521 61679 04171 15895 24574 11928 61894 69627 82390
64663 33190 10967 47290 49602 07237 63813 03782 89351 72443
22042 55396 47357 49915 85582 48835 67346 84436 84097 36091
02718 85164 49189 79255 59308 33216 21085 27680 99979 98336
00730 22203 84450 31836 83228 06096 42830 27987 33573 47450
06277 71064 90586 02673 43217 10214 10038 75776 74579 29347
82847 53169 66460 04239 89326 18614 23676 64019 75393 78045
32624 99248 61699 48951 26905 83762 21600 93979 74130 02475
88909 03480 07366 02320 81389 56648 49631 08535 50879 15989
92300 00000

13974/12161/9923 kHz, 20-11, 0620/0630/0640 UTC
16333/13451/10232 kHz, 20-11, 1100/1110/1120 UTC

11100 00000 69214 17096 03529
07121 67825 89849 39939 52650 64676 77815 86914 66145 39598
61435 08943 90364 03238 53189 39684 24925 85294 34654 27428
88305 38299 44145 17050 46360 73913 26955 44947 05764 23931
09127 51659 95847 43182 80697 41846 87241 96510 99357 46312
20775 97025 50453 65785 45068 87808 24272 01102 86256 84267
96559 99516 98270 19320 23189 71815 67134 58598 84929 59903
67688 77857 43251 59584 96210 19784 93101 28194 27339 72380
23596 31782 68749 36126 22547 11546 12038 72086 85789 74171
03212 48175 17223 35802 81265 25742 30508 74302 58250 53686
88376 69509 39284 62272 40461 36162 05952 73838 45604 79194
11504 72596 89578 26075 61329 00688 34151 15890 77100 72711
58435 49847 68063 25882 78466 32901 57883 48031 55933 61167
40497 50621 32011 34836 63411 78969 47230 01254 61873 76867
33311 57874 92362 47779 87919 69755 38832 79808 68260 81295
90147 26633 64460 26897 12148 61566 38677 70245 62779 46966
40858 26881 23726 86156 37109 49767 46991 50057 11591 82532
39844 95704 27888 10070 36600 18864 60793 61199 30641 07902
34432 43053 65130 91115 27682 11901 05862 94717 32804 10080
44672 53639 78240 23727 06851 42362 51511 41002 61006 17953
83142 15484 54792 92495 77566 64431 24968 77100 01938 56595
55200 64689 68788 69265 80064 43733 73478 19250 58666 60137
72357 97458 66341 69453 12598 61798 77847 46616 49618 68047

40503 45390 13044 43406 60709 24698 07139 32421 52276 84046
56654 69945 20018 75209 34012 60849 77027 82375 28790 71148
19085 87941 45411 60252 04633 66124 40013 09005 13754 71613
32395 23225 84592 15413 54016 17411 50649 45085 17960 08313
27401 71575 21804 73063 21664 09810 19349 51531 62159 25243
22120 97614 74701 03556 16603 09141 50450 85682 08130 91066
80671 35359 27368 31671 56444 31378 60346 96420 56730 01738
87946 69195 73277 41872 45813 95575 45770 84153 40606 07852
05664 10849 83535 36477 52165 27721 27130 37617 08762 40468
16154 91514 33765 01170 88626 51331 83292 16955 87878 47171
50130 38054 71579 74968 26907 67435 28670 24921 67030 59214
40154 29166 41805 98017 44664 33379 17187 76489 94754 21990
98599 13135 14855 51695 17258 77676 96822 72964 56433 16126
96350 00000

11100 00000 91237 17097 03529
00903 26479 86060 56963 73821 81782 24622 02470 77258 40505
36001 98480 04359 68552 25574 26150 07249 33361 39590 37008
20025 62613 77468 08208 03717 12808 53415 44348 24167 02384
80790 93067 98748 89081 77672 66600 72874 96233 17040 86465
12228 17662 70035 93499 21654 55883 15719 90404 26645 73297
15772 09001 78365 61053 77576 19375 68146 55279 54111 23114
62394 55362 54100 97803 93842 23964 60858 84990 70089 73472
83258 38777 85362 68548 87267 77261 46436 99492 81491 03991
48655 06089 55154 91620 62987 56626 91957 44970 20050 11782
08263 85660 02048 28064 89017 25523 78556 80479 19885 20960
47096 09140 38987 25457 64421 19470 56729 82420 79472 90725
17119 25539 03931 72495 99031 78849 81301 73878 80852 73701
40470 75027 16931 24798 44676 15742 99301 32511 71823 40794
03079 03648 87085 06692 38999 07872 93728 79545 61511 11944
73096 78738 05889 58991 49687 46086 52765 84982 42279 45171
43565 89591 87012 20542 95241 03650 43393 71458 87769 20367
19138 19884 22831 82503 74810 77395 77129 42696 94171 40707
98772 39108 31200 70503 20152 53604 69700 33248 85774 44626
56455 10679 18463 71973 93843 06661 72381 55651 02874 06091
46306 36003 92559 65541 55593 27290 96586 40329 86277 81920
63198 77697 79728 07507 09241 30802 21322 03945 74309 73176
31544 12701 35926 18387 82975 95491 71693 74536 91599 84547
79355 88328 55855 71642 90707 58368 41882 28084 40293 22386
38402 72847 74820 48073 29662 31042 14239 82229 59876 49893
00418 37881 87619 64436 94352 24094 53593 30107 07855 48129
10209 64401 80638 44673 86423 64823 38765 11781 86273 95273
95370 58269 44527 58092 79610 92202 87914 93931 04774 05193
75351 76642 11488 32184 15612 95379 46957 91409 85871 41088
66183 34215 99582 39584 66087 59437 97081 98393 88479 72007
57408 59558 52822 90497 54738 75582 04706 33267 07894 50703
90991 37914 96350 14699 97546 93719 41190 21386 10523 91757
74427 89020 87095 22382 45158 24780 46625 74748 35962 00515
18157 18088 87988 71953 05214 69400 58182 58555 53805 77260
57066 26199 34597 76424 40536 39879 75185 92933 54089 78624
03398 04375 52938 29798 87571 85028 46436 04988 84740 90544
97350 00000

13974/12161/9923 kHz, 21-11, 0620/0630/0640 UTC

16333/13451/10232 kHz, 21-11, 1100/1110/1120 UTC

11100 00000 75193 20003 01229
94774 04217 64842 92300 62494 59255 03385 07532 80041 97989
72270 29088 78858 74093 97161 46795 90562 33127 18241 98439
63539 89265 42586 75455 10110 54857 60728 49405 57687 90003
63285 98950 02393 64345 18650 42002 88537 48241 97636 02728
62426 75533 56047 68114 73912 45074 11077 13770 24148 53222
72513 03643 82957 74469 14653 93367 24284 32410 99876 91898
53133 28227 89827 61142 22466 18879 05124 58257 63460 62191

19536 50321 77600 71025 99586 56052 64010 43713 25488 94258
80485 62954 54369 43727 61648 80357 11724 44212 42676 28809
22023 93233 62024 29868 14419 18362 41602 88360 64485 29676
67816 91374 57938 82087 21938 53838 87252 02215 33221 77858
17141 59491 53215 18025 79809 86211 74699 69857 85935 76171
03120 00000

11100 00000 45986 20004 01229
53797 20696 85412 42766 36579 56914 20144 95065 43535 80226
85531 96888 80883 77175 66506 08994 07956 97117 48405 25826
10719 13622 92705 97897 32440 71511 40965 95287 09907 61727
57937 66931 88654 91228 49776 75408 15642 40088 18277 11902
32792 22980 37094 21021 19864 97264 60862 90173 60066 84822
03170 83180 26871 99864 44319 22811 15451 99873 54802 51937
67187 01882 45445 27981 60676 31272 80143 30360 67682 95277
12138 85599 97467 98387 29756 39811 77936 41820 22574 33228
47039 74282 03914 56467 52858 86169 50638 93226 85835 64424
46159 79093 91551 50214 37607 31150 37524 66642 43106 28070
32434 08654 70073 45393 21239 12344 30498 75660 04602 45841
64128 88096 56069 88970 05508 07539 35448 93862 55792 17287
04120 00000

11100 00000 85246 20005 01229
65113 92015 81609 26211 63448 01175 74477 24248 13826 12515
20941 67775 99516 41303 66839 08522 66834 32454 78518 62075
88037 93823 03054 77755 54419 80388 82867 80448 29254 77726
66932 95356 15293 58269 85736 91600 16507 08734 82213 05598
98742 52186 15811 30165 79006 13173 81894 80293 98032 99355
13670 71501 55856 98087 58814 71737 15050 11368 47999 12751
01329 77610 97496 71874 56206 53673 13054 60147 21386 55573
87229 77736 59582 81331 07367 22565 41453 64383 16405 63116
53331 30998 93709 11324 05446 60131 48103 56502 45322 69168
40304 46249 06038 73966 76930 25257 44040 96671 43286 67972
46188 19708 67100 66043 10736 09411 30410 56484 31915 57714
71776 01509 42825 15355 46017 55945 96315 15002 33652 83211
05120 00000

11100 00000 97641 20006 01229
16287 11841 41060 27701 05276 48136 28002 33393 06903 13394
96459 69266 67759 93000 10462 15884 67786 47276 49700 37219
29370 75721 24546 24451 80054 49336 31383 41413 23558 84444
15474 07647 98776 56453 33521 79988 31459 76998 33133 18622
08254 82903 91367 48554 27795 10390 79541 52426 08541 52981
46506 55615 58021 26540 37558 89563 33217 89862 91187 44254
46723 94284 80843 45799 98413 60724 93909 20057 37270 07609
65071 28215 83084 78110 06262 85297 62707 40144 00389 97508
40531 57549 51004 79364 47909 55908 05130 36553 41175 31422
91406 25443 42975 76298 40771 25201 46581 19077 81832 83440
87880 03334 28148 21339 14732 53201 99578 09172 08371 99145
44914 48189 36550 62432 57957 19783 43114 21722 04250 87868
06120 00000

11100 00000 34197 20007 01229
72365 54575 01210 59800 42264 39284 58548 04031 93989 65121
95568 87200 94615 64312 32659 82518 41515 55328 95246 57514
49357 71655 26430 80987 03625 23101 62225 42951 79059 81790
30334 92243 46497 10074 58394 21512 16507 72501 02629 54240
93298 99076 32855 13516 37311 91964 34775 77227 59929 92841
15480 49369 98778 53082 23128 02151 47009 73963 16711 68591
35030 09072 46859 90295 88122 46115 33618 50087 08365 10301
52137 44193 54314 56504 62203 73671 16881 42371 42561 59761
14827 99586 15956 12843 58338 45457 75835 09706 54094 02026
50654 58803 50281 14889 66704 58173 44985 88905 95425 75737

06401 82992 96126 06641 78293 31188 90045 87332 69153 82171
26709 71072 48481 74428 28496 94551 98630 89245 24384 90312
07120 00000

13974/12161/9923 kHz, 22-11, 0620/0630/0640 UTC

16333/13451/10232 kHz, 22-11, 1100/1110/1120 UTC

F06a: [File 44413](#) (binary contents)

13974/12161/9923 kHz, 23-11, 0620/0630/0640 UTC

16333/13451/10232 kHz, 23-11, 1100/1110/1120 UTC

11100 00000 71293 22021 07229
23146 14292 35621 69816 01215 98720 05831 49363 82354 26037
73458 57483 46609 34236 92327 57516 56746 42491 60040 21136
64468 51001 60962 62036 72598 20621 08134 64246 70390 18219
13798 53507 84194 38689 43227 85163 10620 39568 31539 46981
24417 49182 68186 00360 78255 34264 78810 08347 36576 37991
59148 23920 10717 24358 40674 36947 87498 89843 92670 03286
68450 28295 90409 04444 61867 59977 04133 11245 94892 60715
88530 49937 37800 52076 77380 94177 57679 38515 13064 31334
43692 02447 65625 76544 71109 93145 21072 32961 96297 70448
43596 21631 99853 89168 41421 29435 20068 35174 90933 48538
43914 49063 98812 05779 47737 98377 06839 05430 04840 84280
69051 33790 02156 93655 55975 99016 33184 32546 65570 04657
59382 01878 45615 80303 57214 01415 57203 17824 93012 72862
34036 86582 92877 18078 17210 26114 99769 53310 70172 39670
35008 85416 03548 37089 06340 20984 64511 00407 29788 44305
70398 70673 57454 25134 91243 79390 28460 42168 10935 73016
85230 33185 21661 03977 22288 07784 31354 86613 59757 83657
88803 41516 58767 32338 56139 76668 20927 45354 83359 78846
39084 56731 64595 13715 91524 82784 80812 58039 96830 65129
58611 12482 71563 27850 99841 68386 57963 84772 61692 27012
13869 57767 91969 94645 82012 92027 49227 02027 80917 79254
62458 21532 84546 24695 10016 80545 82921 18957 22463 94460
40879 00558 39039 67750 97163 20125 72422 36537 71034 42194
61485 51106 68585 45549 16718 21801 05955 08027 88023 76727
91619 86736 09561 04720 34962 29629 01324 81992 73281 79341
32149 05927 34469 55278 73834 84414 77498 24842 01062 54216
77943 99764 16804 26755 50702 18475 07909 84786 27113 00441
60552 78394 28657 83412 90229 93728 04429 79529 65998 92946
24556 11192 33639 48773 46779 12677 67430 22130 98347 08396
05230 56276 40446 03760 46532 85878 07325 49580 18218 84468
37321 65936 37651 98713 37965 36458 27842 42943 52359 08954
64329 52361 19008 63325 58512 18398 42297 32702 07071 54616
15800 88741 62208 66630 65610 27019 02367 24462 05875 13461
08128 60776 23725 77744 72971 43436 35789 64610 03586 95805
83476 79023 89420 63250 59213 86118 46160 49262 80826 51865
62811 69653 56262 35399 07094 98254 05817 68944 68818 02551
34082 86277 45940 92702 68783 85656 02974 32374 08692 38169
56464 84825 47819 77421 67187 92691 68060 31513 43788 14888
17482 83240 87519 69084 16448 69450 32793 53187 58757 55501
63207 44255 99992 45751 07764 98299 50267 16028 46934 99400
13544 78998 83289 31572 40734 18393 56357 71826 88748 53013
06413 27861 02691 16464 16879 68815 63387 63539 90026 22530
67437 39214 35668 37745 31963 71168 77521 34686 41260 71777
06940 92452 77531 60522 38689 46676 02885 42745 48471 95855
84792 05684 96863 39830 82192 17733 69380 98814 34422 41871
87326 86445 20177 99174 69148 35255 78662 43374 46951 98039
10159 32383 67890 73531 98151 07730 35102 29835 20245 17851
67881 24046 40017 46153 85783 41504 97038 29811 46332 03113
37206 80216 91039 14161 50603 41034 79405 53082 09072 44780
15600 23603 20670 53888 97497 18698 43215 97170 42779 69804
24100 37642 71755 79723 58561 32613 51626 62657 83595 72019
31852 39804 49704 05907 25322 63963 37662 97005 15014 71583

12488 59357 90828 85679 31816 68897 46288 18077 50843 56958
89784 44404 91049 22614 50068 50279 64875 24816 80659 72124
73539 40247 92871 81042 20196 97834 72145 83205 05607 25867
57356 35182 98515 72640 87810 97636 97929 86578 47597 75854
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66961 77803 93859 06941 79134 13047 67273 86457 71290 08301
24006 12958 20629 52361 97074 71727 29532 11903 68657 92662
17577 10281 57848 57834 03100 54087 47193 02896 53992 05900
40177 73279 12426 26655 66859 21112 23196 36098 79839 53795
20355 64724 07740 70179 51842 95667 58398 45277 46790 19971
88958 49440 55188 53668 85033 12962 14600 90123 16147 72009
23620 86055 59629 56858 26757 04703 10154 08335 40426 64540
17111 33428 74744 67014 17001 35997 30817 01710 53029 83511
78197 52394 99101 95767 42206 52391 30398 66511 55809 62694
07718 53912 55726 71276 67779 00820 27472 37031 36668 70745
29004 26778 08617 10501 47679 18774 57295 75436 70189 71158
71826 78216 70176 78789 34673 47061 43219 66886 83629 04409
43854 94932 25066 01911 04350 69262 90639 72729 39899 87787
54644 87042 69925 65280 54197 21720 10194 12665 79441 80087
15404 68748 25957 22738 76963 07836 26567 95302 05626 71653
21720 00000

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11100 00000 48951 23026 03129
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17259 42076 65219 69028 17510 77050 35161 26391 04227 18248
19728 44772 87055 52933 25446 82755 63677 68313 57358 85649
36108 26793 64090 54556 74759 80008 76751 84659 28682 13820
02641 77459 05446 41441 59656 56606 69081 86905 62378 42043
29527 26052 95740 62129 22017 77219 37244 08448 99850 58827
13641 62969 88973 56051 03023 52272 77816 63756 18270 08498
40826 97894 32770 41728 19118 92545 34372 53485 06708 24786
18493 46028 15733 34580 56325 07131 19128 31883 99079 75046
94167 08130 04199 13329 15338 94309 94479 50206 69947 32815
86053 62196 94946 55237 46133 06638 58360 83317 66501 32846
33794 95219 63648 26567 41447 24336 41509 67411 54060 82782
77736 03975 91246 26804 19450 76314 50638 06256 99386 40484
49285 65347 08410 74795 73748 86861 85295 72518 62320 96994
09745 50683 67808 73050 09553 29693 74331 21138 17881 63418
66547 16087 41562 24468 74765 20748 26374 74327 44374 26884
30229 73044 03024 84827 40210 08149 23996 14092 94386 47512
09209 12131 94361 45801 40282 03430 19473 59250 71113 96116
78592 48409 60386 38277 60466 73575 67466 91167 68514 12581
60109 61506 51060 55638 07421 60041 62887 56922 56516 78566
19096 47573 16298 02590 27177 39819 96808 01826 08242 76897
77581 65715 43359 08458 03436 76149 05920 96157 31154 34585
65975 79097 75465 85744 77490 53830 27796 05088 84436 48592
46200 42237 06678 96468 39925 37549 91575 37169 97042 54015
42253 02104 28585 91688 58456 62448 27617 76809 50959 44887
66694 42834 15426 44716 82131 45534 76696 90996 18533 79379
39417 43451 32000 87366 05949 25779 75486 81498 47508 25094
14704 16091 39463 12152 48039 81104 96724 62076 28914 07678
70180 80250 14017 03060 90093 63086 85857 57122 67415 48326
23074 87639 88947 34600 16931 16531 67285 74896 57442 94240
26310 00000

11100 00000 15846 23027 03129

08481 92250 66721 56160 08718 23073 01339 93404 23840 83714
32322 00379 84914 49696 13227 99615 53414 47400 46052 26581
08979 61630 62805 56226 75952 37025 76299 75736 80867 34250
04880 26911 58079 26918 00762 66601 45734 50163 36670 18663

39251 36822 30467 15841 94516 02140 12456 55035 97969 62955
65047 14391 45770 02293 89478 05629 99239 15307 79264 60080
08755 97504 05087 71840 23285 61199 40782 46496 27769 91112
85138 28852 75502 75088 59185 08101 07740 70831 83645 23872
77681 94621 66262 21597 21055 42939 53673 30629 40456 82938
27521 63550 95651 72704 49490 60113 17024 97230 84963 24249
84349 31063 59966 27571 38100 63539 31113 77830 15440 47555
73219 75743 28133 57817 14284 08639 24518 69496 72516 54358
02764 93230 75107 93848 67572 27414 63419 55878 47536 13711
14301 42329 15319 06723 32185 07486 77860 93763 91696 89763
28787 25658 35414 19328 80219 44522 56513 50014 16157 19451
20947 89012 34635 26051 08877 22741 70841 30763 80016 62344
18374 65901 92598 57267 90829 06361 30641 50319 90914 83914
19195 72697 79263 00051 32277 02369 60150 23280 23161 34287
26281 81854 31717 35849 29857 87835 48496 86055 72098 53441
40235 21786 28403 85625 66477 39655 51348 69807 41990 26863
18705 78705 24679 19490 18663 67204 33669 11670 89445 39193
27252 64080 55513 97318 95388 85187 27530 11578 46442 83681
58292 67703 92843 15537 71798 81270 65366 74149 07653 88457
10704 96966 47988 49413 52035 87062 19093 25154 17264 73096
84939 13931 64625 56081 74789 58018 60340 16410 12065 56836
88006 79571 36688 47365 94421 63996 38052 37784 01511 59469
40836 05268 39065 09544 10831 93877 77958 96399 72972 73496
68547 51579 58778 45723 13930 41040 25356 07693 32760 97960
13186 09732 91291 01742 34859 67804 09360 26625 11966 16678
69966 08395 02302 14757 87168 02571 84613 36501 11959 32547
93033 13392 80816 51108 18420 09362 36628 63767 18774 41642
27310 00000

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11100 00000 57416 24030 03029
17324 78036 70766 88400 12126 61796 56576 43811 77547 13443
51083 65597 72073 10829 45679 96328 11654 24204 19121 42364
65959 66254 31497 62426 94973 43807 26492 97666 93103 47133
21639 41681 32995 37777 91246 73903 26246 20872 71694 04814
43198 12854 43771 06401 59004 40529 71757 26314 18144 32426
03934 09151 34591 88368 64198 73303 69808 38208 89486 16810
55767 25661 92684 50653 55167 78169 55710 82932 76058 48745
82460 02353 83035 40717 66315 34471 72213 51329 51867 69127
02151 95122 95589 82513 97917 93042 55113 02302 70507 38203
61798 89278 18750 74246 56304 33921 05948 47249 91828 91353
28397 17084 34711 03116 17995 39208 17091 79191 46113 52786
21297 38721 20936 36109 00668 32850 95430 15228 66486 98140
28163 36748 95710 13986 64121 40730 39194 62468 27757 94612
35088 14096 45409 74117 57096 87851 39322 02063 52288 59006
60426 81020 48150 13110 52075 80764 33560 69621 61931 66432
43373 23601 44178 78362 01318 78909 19261 99511 00865 71342
83325 71418 28788 05151 84551 44638 61078 51372 08580 74582
85907 81422 40191 98716 33343 34371 93458 56028 16471 41349
27534 34732 13644 55526 90269 59129 46528 61087 56862 51557
33637 59651 55697 30391 24039 57572 98596 30001 40931 02553
57638 53630 89764 43011 55755 95118 10604 08645 63285 90404
79417 35619 17667 84762 87977 84821 08467 26690 57062 26619
94929 24393 62646 90566 48231 25813 79764 03479 35627 08124
73744 64329 88683 87631 93483 29403 22781 86034 46472 06135
00069 13960 60229 79080 53068 57723 59869 16455 11110 80252
16453 30670 96781 72107 45837 91322 84595 13534 62699 14048
39039 33486 19416 73702 74213 76573 84505 15295 02242 13837
40301 61105 62634 58322 04549 37443 49792 71373 05624 69457
80853 70586 66044 17466 71049 75354 73971 53215 08773 50960
47392 99521 47541 37131 20659 81733 57037 72006 08081 64441
30300 00000

11100 00000 35719 24031 03029
49973 79984 76590 35755 54178 93879 28275 94570 96983 85442
43208 01990 33684 46163 28910 20982 80956 43588 18895 72994
90442 32962 49612 16434 09918 06855 27344 74863 93005 87462
08464 32084 43363 91280 41526 36307 04268 20812 44599 80592
29565 63033 16300 51742 96892 99266 03946 64840 49127 56182
77283 25625 74998 52589 81215 87881 64788 21721 65969 98037
02081 13697 18149 44159 77473 07843 41094 51524 35201 89563
58006 91966 88606 71460 36252 99177 65405 63363 56308 07154
68658 20985 73765 53974 64415 27871 47833 18096 31953 90343
34799 79361 37548 50113 69852 21896 17724 44258 85731 21091
82903 67260 41626 81851 77416 14765 60767 20308 56788 13782
00148 06164 68247 68989 00808 07884 45400 79841 92130 07896
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99937 55005 34863 78841 57656 48723 25866 29800 11612 11459
90169 33666 88672 15420 53155 14002 64943 07506 56222 87345
45832 03412 96083 03456 86068 81447 62608 78243 73095 93250
61121 49064 22275 33577 30130 07058 57352 36369 90387 86231
74611 89268 86239 13969 14157 83788 05208 52642 86762 43308
86713 87040 29727 96085 55917 37276 90164 85486 43583 01868
59181 34598 77916 60690 05367 07430 59318 92473 81033 33886
53976 86537 99657 90687 67253 53457 07936 55447 82788 64339
00924 76069 78266 73396 53666 22674 53777 03514 67774 14228
33713 99491 56378 37065 28146 78645 15901 97497 64601 33465
58084 75686 26191 66007 00702 72980 57025 58712 40407 69884
20848 11339 56144 36880 23840 98696 16564 65243 37502 28867
89882 10090 82596 06601 79614 62798 60039 31578 34627 95027
39719 86221 06949 41495 43152 92744 55760 13721 80933 44125
21032 61904 30898 38696 15204 27145 67950 73035 06396 51175
81495 72843 91535 35806 41391 66493 82882 69256 98387 30952
56357 61580 29969 64745 35133 56349 67543 67665 06911 10798
31300 00000



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11100 00000 72413 24035 03029
52115 17244 60659 70157 22452 46446 96516 09902 79621 05272
59354 86688 71748 82956 13398 86849 31548 23323 54002 43390
80175 87786 41439 98652 09301 09473 90240 44815 52340 93140
87558 09403 80791 40592 38956 78018 86601 06253 65080 71453
36500 12627 97654 19393 09257 80287 48220 97881 51773 52121
48074 22753 14969 16486 82832 16199 55383 58989 70058 88673
13445 97564 53400 03315 04331 80537 11667 15074 82366 52364
06279 01742 64898 16741 15545 29054 26572 51750 29185 17064
99960 56764 01544 99980 43481 35756 86942 96641 62530 46737
05584 33824 94779 71987 13474 89574 95570 88777 74773 48743
84345 45266 60040 87914 38047 71261 18776 31920 42431 78532
99735 49122 37230 30354 17426 77649 16091 84988 88228 99782
67252 42773 84598 06671 65863 51504 80754 20564 53915 49820
88324 66758 68697 53256 05357 12428 05737 12654 27159 14552
27135 99634 92380 44091 51264 98805 62797 78646 84740 11389
60214 80737 82624 99964 08944 03930 47778 29022 57281 93976
05327 80989 76427 77163 13145 52445 60283 53055 94323 60190
74568 33820 02547 11873 28690 97321 56310 20850 68799 46174
02932 69972 15485 89932 98280 53993 94527 92629 13168 55261
34156 52815 02334 32418 27254 08316 96972 26757 81935 82878
06726 15960 08943 16912 42091 69873 19295 49475 93175 88024
30634 43743 25732 23571 05689 73108 80422 23353 71316 10113
86239 38756 91540 85400 24025 87052 93037 08884 01027 67926
66492 70295 22422 64862 92279 61323 70756 86073 63891 86524
29231 24684 07567 55181 09769 42825 21536 71317 71808 09351
83341 64031 42761 45850 98662 25361 76052 60652 90075 47851
07718 75503 49197 79012 97454 74609 00642 34865 65092 30726
51236 39757 58409 87992 22925 84626 13233 06190 92798 20923
91764 96103 88696 32352 10064 00702 13810 51640 90630 01790
98726 14511 01019 56848 04353 68051 64429 95725 24153 75660
35300 00000

11100 00000 16894 24036 03029
81391 60439 88041 75688 26181 85377 67201 91388 41980 39825
61512 97425 65188 24012 38311 36419 13569 25071 99837 27451
96961 39345 38524 61275 87076 90106 69340 80777 13557 76622
18871 45133 78500 15506 75827 01087 06623 60293 32660 09803
73253 10172 72986 02720 77357 43818 84496 64843 51751 39261
02038 68920 27725 65723 10563 08931 96243 58369 62629 06328
32913 11903 90136 87476 78906 53953 14987 55717 95040 84175
88363 06496 31173 90018 13310 58995 78127 75088 30288 02719
94322 61044 70426 82437 24297 48973 06118 69965 51314 51165
53682 96183 51239 29247 07753 41756 39873 99596 12099 09979
30926 91973 96557 30185 46830 72322 34765 65167 49567 65662
02382 21031 83703 40018 40487 82932 48821 37323 53838 25129
43534 62231 98687 68789 48261 64775 39825 85987 38976 77814
81557 73330 49081 95199 02296 43652 21629 01603 47446 09211
19056 89940 60286 54825 82624 27341 55518 24396 58759 55567
65187 69234 34464 36869 11648 31654 49016 81171 87267 62247
74102 15548 45565 94295 79618 81925 33448 23740 27285 73939
19262 68163 59288 48889 96323 03212 74131 75735 66632 99883
06880 05060 34439 11156 55978 71941 64374 81346 23851 67679
83809 76677 63454 41300 34141 60459 47968 16789 00696 61353
05827 36978 75932 08129 88267 70034 35629 29360 61581 39487
32752 41511 41267 63718 38681 73830 10260 15873 86496 03500
88429 40108 95989 99477 45544 85137 85112 98469 74868 40988
97532 61462 69597 89923 00991 84268 69312 07465 36149 60505
68642 74442 20612 20458 05318 86023 37814 94256 69806 68651
65451 72807 03725 40829 23163 64916 79197 78688 44124 74037
76370 72284 00264 43097 01249 83547 35781 40809 11054 41833

88641 87942 39298 38010 04762 46965 37739 03017 74548 23497
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64628 91936 63841 05001 68009 39350 53747 20179 79461 11039
36300 00000

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11100 00000 15427 24040 03529
63382 28537 72111 28357 73129 98255 72795 28059 32261 93006
21994 51167 32886 19106 55168 69389 80589 14714 89269 73226
31564 54226 38436 19183 72412 66038 96577 11452 72313 12132
29045 29005 62237 02910 40567 34038 20909 45729 11646 22694
72179 50554 20600 04011 23530 41183 93429 18036 00362 45479
48715 29029 55780 63034 29712 54703 60559 33723 40842 17442
02961 55564 30772 28424 53106 25342 89255 40594 71595 00415
49937 31421 67036 05156 16293 01378 32203 30456 52917 99083
13484 99735 09312 09040 93322 99898 68395 62904 90333 00654
36900 60235 06783 10668 19856 09652 78116 43965 46339 26333
04230 95015 38680 46807 67161 45959 42315 46967 64898 54390
58473 74238 15990 95148 46876 29849 14637 54552 90654 62133
40969 00509 40648 56811 56178 76941 81296 35176 37205 95973
85292 96124 30665 26296 49202 62981 30695 01176 27217 21041
10423 94518 05250 56769 61724 38442 82539 34606 22984 80791
52973 72299 99515 06030 03296 00713 06360 67947 70401 19047
88124 07625 24901 81401 95566 55084 73140 75633 23594 38078
94864 80421 40394 46433 58714 11508 62345 25406 82743 93027
54434 96475 32145 14876 60833 29022 71362 62044 95353 11310
12795 26877 46440 94238 29265 40162 76412 06271 22447 82017
19625 63002 64433 58495 09243 19791 54644 54848 87323 40890
59245 01391 77873 83526 25276 12896 27596 20352 86681 87473
43995 48717 04411 75841 85525 60197 07796 56961 83492 68806
29383 80948 00366 21345 50415 65212 54215 38309 99133 54747
63940 58809 69110 82532 94996 87926 49787 90958 10290 69947
86400 00231 55935 35917 11498 34679 36572 98945 15217 42921
59911 95707 46526 72806 55211 97566 62611 87082 95364 39769
68583 30723 77291 42140 14721 85856 40314 19724 43409 75222
27212 06802 02977 00108 17637 42722 70615 23689 88580 92991
51565 35725 81583 04053 46764 59531 81363 15192 06136 87179
35561 76013 09712 53858 70285 42919 43769 87326 81148 53026
64187 93408 04474 98968 64182 63459 98373 53007 88635 14735
88364 13905 62189 99618 57237 74981 23297 44627 83841 36805
81417 05141 60485 12949 39546 46796 43641 02249 49261 89469
17632 26006 90478 74804 75999 53564 93099 43204 50233 64709
40350 00000

11100 00000 85743 24041 03529
99110 88864 47571 51653 54137 48529 13377 42219 35242 98466
00275 38444 03474 67239 42656 45178 22506 45357 28780 57301
09679 09239 64362 96433 13312 76537 92906 31345 08477 53735
77464 05485 28409 61968 73500 20081 73757 52013 47567 46244
66848 44366 21459 64512 43161 55363 46552 55276 97194 95264
38000 88513 24917 49261 23482 86290 29986 77316 86190 56440
85925 93800 06746 20883 71445 12848 33719 87000 21097 70367
37461 35528 58442 58663 26916 23374 03937 34575 34115 24825
74702 87102 96027 59571 18382 75438 88470 80980 48267 73341
91744 23062 71883 80808 92711 29563 30211 88951 52970 13633
89748 09051 97841 21486 54592 01698 05843 98509 90721 66972
03331 81252 79675 81599 94014 63723 43821 94006 78017 11450
10382 13235 40172 21725 06427 52636 12253 53487 02007 14291
38808 75257 43616 25080 01305 04593 45179 60370 80248 37469
28746 16217 59998 91052 32073 16050 05923 08281 25295 62767
68623 97703 03864 72178 94887 07007 49944 48726 50075 53676
79448 89439 81604 61217 16915 27038 78257 74386 65395 48146

04956 51859 63555 47528 17729 59777 47165 04307 88526 14620
57176 91083 94602 48813 61564 51919 52120 97547 83134 10082
98694 30217 50462 91533 54538 74918 14174 75068 16920 09469
95745 05053 67599 17351 61006 27693 97944 32045 35536 36788
81413 18176 04149 39880 48082 62909 61644 80763 40910 76050
07013 79267 58441 22257 98288 74272 13604 33830 10236 80878
63325 77504 62048 97677 88623 73680 07268 25057 29882 91534
03081 80473 06985 68449 01212 21645 79000 27189 27578 13583
23110 89279 42904 00413 37457 08006 01480 67916 97607 69481
50252 07736 21319 35217 35435 19175 21290 24642 08823 09531
50590 60987 51009 78906 70450 29002 53675 00429 95108 17908
28152 31811 93385 48064 32446 19208 51696 04739 33901 79289
28168 27466 49691 70473 52558 28397 32346 89257 51669 38095
92465 52586 04929 02208 75841 52192 59837 77457 37160 91843
61971 00387 77465 43442 79215 27292 37590 82906 24927 68788
64728 91778 09716 67440 94331 35484 76513 91895 14539 54202
98646 45962 05302 27258 45571 16063 69411 96996 45982 05505
97602 63064 02965 29008 34929 83035 40889 65917 40600 40325
41350 00000

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16333/13451/10232 kHz, 28-11, 1100/1110/1120 UTC

11100 00000 14256 27046 01229
47604 95343 07391 74738 73815 39812 42407 41231 03477 74781
53993 99942 86391 63408 03606 61551 67930 67374 48850 35054
72930 85163 28604 22142 21342 49027 41602 78863 80300 04081
35661 30511 82303 17966 49742 50671 64194 94512 76027 40363
06641 89852 34204 68223 78770 54400 75149 57654 17693 49156
56192 31889 97553 09767 55140 52898 67834 56766 15275 15090
65583 75459 38481 79721 31246 13862 68715 60981 82812 72144
32989 99664 27940 82028 32061 85380 18758 99545 98024 13240
79033 59626 60975 85946 58392 65936 91951 97236 93271 14405
14328 57609 79302 73885 00854 48272 84802 72374 98526 14252
60076 62245 48487 32600 22197 62916 93109 16638 19963 04398
87500 42164 08726 20158 57572 06590 89761 62742 71887 56902
46120 00000

11100 00000 95631 27047 01229
47909 76345 49697 22213 88228 33661 53433 19563 32670 66095
75637 75173 55854 18513 74392 23293 23139 63274 14409 76992
22515 28501 52097 72304 79035 38944 83633 27294 43942 30372
60701 39515 75688 23452 03597 70285 55049 68023 66381 89204
01493 93731 33777 77379 83014 27940 54484 12761 36619 66862
40615 86059 41622 10868 87927 20665 12983 99867 96542 94996
06842 09750 96846 90743 55446 95775 10248 15417 73668 93898
99492 72653 04284 15920 88207 78716 94210 99432 54382 48623
18893 98495 27453 00334 97018 25952 43695 50452 62753 83364
39599 99862 87679 39469 87923 32747 69639 43110 06114 77419
30647 81587 91768 02414 91080 20341 64844 46262 12328 84933
21291 04404 25073 71246 27790 21658 85421 94835 12308 63704
47120 00000

11100 00000 36547 27048 01229
05218 25874 94595 44609 47810 60105 80957 96888 33733 23186
17893 60223 98678 64161 78534 14801 91209 39012 83574 43062
93435 82762 05581 70030 16387 55136 40988 42018 87291 45670
79453 92139 70934 49248 25257 66098 92274 47981 50451 06642
52539 60369 84423 20166 55941 43688 69585 73871 89242 60536
37850 96931 21335 45479 87606 84100 15023 32730 65867 25196
68203 30797 85275 08906 26633 55052 30671 74342 35454 54138
34887 08789 21688 91161 28475 15078 24867 65613 93044 97035
17998 86946 72903 36427 86053 35749 24682 59843 54156 73457
09643 18973 82672 86540 58339 32680 71374 76088 62340 64348

39885 28761 72682 32906 76568 30005 09753 80982 73070 05513
14281 48637 86693 01824 94141 26086 97783 42035 46629 83869
48120 00000

11100 00000 84621 27049 01229
01653 07339 34038 30894 16947 05997 19819 29967 01737 69942
03880 93703 46467 68266 91018 17847 63617 07188 06456 74074
14479 82689 52733 63261 19232 49651 49143 81348 30009 05923
45850 58736 71638 14781 29924 59155 79748 14204 65439 48952
90920 86389 34851 72710 64583 85977 73834 96173 41332 50393
16754 02373 67361 40759 94975 51929 39696 86808 55200 43448
51917 34249 89990 34943 45054 17991 97709 12245 93348 09705
14030 15309 79564 13127 82213 58378 39537 05556 54356 04926
80649 48979 40766 83324 03921 19270 49680 54175 84395 26877
84501 65228 89520 27472 90741 54851 40199 45958 69852 89953
44210 62310 02151 49338 56670 32661 46004 88388 47244 44076
05473 46045 78774 26467 83607 80004 27027 70064 63562 41080
49120 00000

11100 00000 26893 27050 01229
20968 90014 25688 19260 03214 28755 36924 63003 59260 93193
67945 01228 60781 26935 37927 10541 69512 07084 49557 65199
35801 55762 40372 62533 69522 13444 43179 93795 38051 47537
22741 96352 70964 94671 80922 48159 76172 60099 47482 90455
97165 22674 98689 89631 66059 18826 70971 74180 32128 03984
61758 07689 70513 14871 34724 83805 00801 81124 71616 54115
70139 59659 37850 24856 80607 90231 54054 83435 65495 95626
90773 40654 44214 74915 28492 99596 10490 63212 50186 87124
33558 56380 58573 08895 77029 24104 35264 13854 65117 59793
83994 79152 50919 40726 25124 51390 66436 96897 33596 05157
59012 11985 37537 04798 43898 04886 19695 80329 27604 65258
88888 53465 81748 41508 13672 74663 72082 04641 35389 57158
50120 00000

13974/12161/9923 kHz, 29-11, 0620/0630/0640 UTC

16333/13451/10232 kHz, 29-11, 1100/1110/1120 UTC

F06a: File 44456 (binary contents). Header: 44400 00000 82541 28056 00009

13974/12161/9923 kHz, 30-11, 0620/0630/0640 UTC

16333/13451/10232 kHz, 30-11, 1100/1110/1120 UTC

11100 00000 13487 29064 07229
16656 37698 63768 00184 46503 93850 07132 70154 62803 11019
88384 38922 46414 64161 10711 39380 21638 48994 98658 99124
25752 23364 73768 62352 37226 42085 97482 48172 86060 02413
67288 75045 94707 42355 77009 06013 22979 59001 77202 94418
15410 39057 96585 34811 74488 18775 10443 48695 08215 15468
66932 59851 25402 97789 07251 38881 77176 86974 40573 21682
68105 06222 59727 31539 85388 20411 08515 59512 19554 33335
36642 82815 75100 34645 03176 25867 94509 13684 14482 93709
44085 82409 07566 32478 35036 74579 14764 96600 78258 13396
70718 27437 96240 64798 47581 73017 40542 18583 29367 03593
88265 64544 61415 02665 15983 55825 35877 38200 74530 76659
99184 43697 13123 56693 92422 63816 26225 99083 60554 44239
21611 14551 91421 70453 33051 78568 70486 85160 26073 53898
62210 38972 70214 45634 54049 54102 76230 80956 23974 05734
21668 30784 17467 50745 13265 15502 44928 58495 59600 61963
35429 23337 52436 03951 07749 63563 80185 43272 44641 36464
21951 13700 81249 24185 95565 14923 43632 70074 58076 08708
98312 70203 82100 94454 98809 49754 56510 06334 40070 78953
84858 99192 56759 08248 80000 15423 26328 27406 78353 49961
62806 78231 22205 55640 12256 75575 83543 56040 85817 16340
27816 58060 91304 81158 41072 81378 49254 58436 68922 46999
04398 45441 40754 92058 68478 06137 77631 03104 55351 90438

07328 85001 94307 44583 34930 07686 32559 67301 42438 97928
62819 91471 15809 68308 36922 95959 22884 00579 51407 77315
90624 25620 16025 36022 55109 67160 41081 56981 82717 41446
04570 88926 85944 30069 85028 52450 82281 68116 71053 31333
69599 14845 83413 26852 16478 99059 70697 79779 90904 56386
64434 89730 75804 00633 04627 86574 44806 96408 71626 33572
96713 25211 85301 66949 72101 62154 57420 01577 00477 05523
08197 57453 51442 26357 82940 86679 88304 30233 29730 05604
47563 48449 24067 61831 92710 00784 51441 90786 15788 97027
83735 41513 85133 69476 10425 76400 62759 53559 10492 74516
39797 58808 76007 93256 63440 97343 23301 67963 53836 62061
52678 54232 34351 71725 42597 42579 23657 25133 89267 00160
63063 31555 27590 19220 77554 09629 94379 76982 93941 71898
19819 36641 64586 37190 58066 44152 70135 37998 92960 00525
99682 15088 79764 14274 31823 16485 08880 63749 65015 43054
02470 24007 70702 07840 79935 37919 67618 01369 53169 36215
40732 80099 37537 36130 53249 20196 89518 73359 25126 03827
06946 46997 76513 30170 52774 82153 59594 68312 88332 39930
27225 94231 26973 29457 11836 79042 44081 01653 13026 20711
04360 29425 17280 36403 92343 03977 98255 57668 57069 01911
71076 95647 06845 02829 99064 68477 15054 62105 76345 08104
22935 68520 34784 88661 50265 41446 48660 43637 49897 47272
35543 63979 67081 39757 76794 94359 89502 53988 06134 69760
98989 08652 39714 59589 60810 96278 46130 11493 11514 66179
79817 12067 31230 29733 26256 06657 11396 42728 32432 45412
53817 44445 20998 47813 62022 58164 11550 02835 10835 82783
97479 46938 05109 30240 51825 87096 63557 88417 60571 61008
88624 14237 06816 51723 08322 86592 54263 98837 00978 73865
03472 73465 38835 95647 19280 09164 11438 83413 52881 06005
14729 69792 06947 49981 16822 61145 17263 14924 36362 73131
49308 39133 94422 33949 33205 93906 25879 84936 85494 86140
61186 33235 91160 62208 14511 36171 44342 05293 39143 22085
71186 43361 36132 77259 83254 09981 27086 53651 34940 25139
27064 77115 83324 88285 78505 60802 73916 00762 32131 53415
00700 59812 85760 77025 13944 91365 16965 34118 74199 13776
70516 88570 75925 49705 86555 50240 89183 28340 80419 17852
92831 45122 10065 59880 97666 71197 92030 38096 82939 29748
51870 03491 94688 81412 19999 19239 79329 85973 08879 90404
50929 32503 32499 05075 15623 55152 54074 16604 01577 76775
72904 21657 67977 47567 86328 13746 91444 70913 87721 16941
53330 33637 86452 29438 76338 82815 60765 31689 83886 16381
79499 38759 80672 79672 53594 01616 77861 85128 03324 87031
11341 97315 52184 90784 26479 50478 83383 63848 27829 90791
19863 56259 17205 60511 13794 08345 68583 66204 56485 44003
13247 98250 44634 45721 33631 93799 63868 16022 89291 60374
75502 55016 23443 02303 17466 08768 23499 17174 55317 68133
34053 54499 44301 22788 45743 53766 88375 00111 08425 04078
07146 43618 42107 92555 46655 10644 44070 33710 94948 93934
15623 96941 88371 96865 56914 74389 19518 16953 03263 56284
82782 17361 01415 06020 18447 91074 49185 52112 41239 47447
64720 00000

17422/14977/12224 kHz, 0800/0810/0820 UTC

17422/14977/12224 kHz, 09-11, 0800/0810/0820 UTC

11100 00000 15973 08002 00029

95243 00000

17422/14977/12224 kHz, 10-11, 0800/0810/0820 UTC

11100 00000 24396 09038 05029

20230 70660 33442 44953 37818 40145 74033 41000 19747 39409

24217 90046 99670 32697 60076 21802 47596 52340 29761 84509

17213 04167 24306 17791 03873 26142 14564 56059 55399 11161

08938 35934 02913 29948 11603 06100 03872 14980 85902 63040
14499 91394 52613 61092 33798 65797 77749 70251 86329 08926
29619 80168 35957 93090 09792 73781 47723 70346 87697 19001
40073 02319 93506 51913 94581 77627 49011 49916 15403 77852
41181 18237 55601 77961 68075 38267 52573 92156 11815 51145
39733 01066 18285 75044 26662 21217 88265 79573 64895 02739
09683 65751 41542 66220 85646 24990 67931 14664 37991 75511
55457 81483 90979 99644 95823 00465 64878 30444 87867 08638
34086 61055 78154 18006 29486 75277 07530 17050 89743 22751
80814 87956 91200 87215 01835 50511 11080 21266 40966 68585
03676 46057 27392 80159 94219 39380 83250 36821 20110 60562
41868 63665 74188 85612 17257 75554 29765 51069 17074 10655
52056 29963 16223 67197 25745 88361 33292 54397 53337 95903
77003 93478 04012 88786 54875 29727 17640 08623 61278 41510
93668 65620 87072 57227 19562 99513 18013 16082 18474 36685
14118 33661 20845 66920 87171 58222 89620 88221 18569 28648
53764 93130 84675 69998 29759 94996 81890 87594 35786 17613
68614 45576 28267 96679 66289 40874 15458 66513 86710 08522
27778 30454 77801 19259 49564 38396 05026 55355 41948 19887
10632 75594 11520 46234 17923 05357 04489 20046 72731 12735
31020 15656 39280 56623 49431 18865 92641 17719 64940 39433
74948 48369 22655 94764 07576 02202 99481 88223 76462 29483
24658 30515 32758 49131 83573 77566 76003 33332 84585 83356
12005 65683 93515 91118 02610 58818 65498 11365 49564 42437
28885 60155 79637 57682 00896 56070 23204 18805 39677 99303
03471 28053 62494 81322 78539 54714 84707 98539 03483 14263
59246 68410 04630 08537 21259 71430 83248 12893 67616 67426
90805 21266 25982 59624 43002 85080 93103 04886 64760 06948
47042 93594 83353 75078 63012 47592 11881 49364 87516 09631
90242 35051 50480 22757 75839 04955 20047 23082 01155 56137
29751 94363 40425 12006 32732 57847 52580 05750 62693 95788
92633 06072 06281 32120 08726 71131 16580 18666 66997 41660
22410 00378 71475 09162 13109 58002 71177 20160 03491 51627
71599 02408 08674 13550 92795 24019 83448 63894 41219 21433
05894 47420 87524 57178 09912 14965 67514 93349 96380 97949
48418 91747 77607 49383 27686 76620 34766 49819 56500 20936
93014 01685 05167 42122 43975 60423 12603 18232 70259 75897
87081 60440 51745 42481 50447 02836 58263 81278 42960 95429
58406 02911 30984 11333 99141 24309 84693 04018 35900 37941
17978 75630 17854 56932 07753 42260 58052 84481 34842 07132
43103 81052 13642 77640 62100 27738 02727 87170 59477 09271
13613 07635 41464 65082 59850 63684 90856 81881 13628 84505
69768 26165 62093 54153 15058 40112 80565 46363 56119 49288
64826 54769 09730 55615 89685 54468 31625 14019 86000 55874
29509 16214 53339 36788 67172 30056 50482 63635 14412 67889
30931 37797 22444 82349 15639 27976 29485 13028 20125 74537
26201 32468 78175 76756 35705 64907 29312 98918 87797 76212
38500 00000

17422/14977/12224 kHz, 13-11, 0800/0810/0820 UTC

11100 00000 59714 10004 00029
48129 00000

17422/14977/12224 kHz, 14-11, 0800/0810/0820 UTC

F06a: file 44458 (binary contents)

17422/14977/12224 kHz, 15-11, 0800/0810/0820 UTC

11100 00000 91375 14068 07129
06514 97162 06168 83640 26417 08309 37523 05945 02600 97587
51036 35570 93342 26009 74778 02981 76528 85787 58858 78910
81783 79827 66604 99020 57496 75527 37325 46453 27372 06334
87844 28250 16237 19494 44989 06542 49759 93424 26218 70467
57791 73163 10597 59752 36007 97309 67274 75885 45531 14918

33680 41825 55240 15761 60607 96188 56432 22415 66386 32840
04543 17599 67318 21836 67600 05201 76571 72649 86108 28439
88722 25620 74041 93581 92127 82558 15638 72681 76312 12464
37687 83737 26575 93252 61986 71752 22970 75483 67666 39091
85894 78976 18064 98601 35424 58288 31832 47925 56617 97967
02983 88437 87963 23537 99531 37250 75158 39133 95455 05724
57400 27742 15630 42917 78400 74978 98444 67420 39275 02324
05786 35993 35533 20790 35061 22475 45323 40916 12973 05370
61140 00063 75709 87567 82181 92919 65254 96635 09530 16181
96491 39101 11355 63310 74806 07192 50326 30349 68851 61441
90418 18689 68189 37620 25301 45765 80473 51413 95489 99588
47875 99297 86464 98061 87432 79041 24929 39028 85016 78269
15396 51973 97592 04540 84305 87320 43475 55356 23834 04274
85254 51559 52609 43121 35090 82533 35508 92955 37053 36675
29711 90739 06205 15539 49229 12656 29106 55129 65068 43686
55437 02744 83223 36339 35417 22828 67696 94486 82709 30271
00718 43226 67515 74577 97368 70726 69513 23359 16776 52972
45363 18578 37085 97363 90439 03982 86384 66099 99497 47169
46779 65280 55947 04717 73791 10675 04433 03818 98281 06085
86392 38856 03086 95239 43307 06363 91528 73171 17296 26783
90040 67991 03781 26506 52024 29021 35870 78580 55194 82208
05186 25557 09551 38759 48790 32904 18190 67936 56924 46421
58131 69955 81221 52096 73356 09913 48114 61843 97236 98685
07088 73554 46549 31749 68494 78904 54253 21831 10600 17349
33234 86359 60563 99754 88184 75632 79022 50088 17823 52642
02986 38615 74623 60500 26706 05038 74261 38404 25238 95012
71950 72063 50352 58486 47861 89547 53505 83278 68807 38477
15544 62365 18391 05496 87833 18284 12797 63976 74512 33111
44408 60873 10525 57437 20452 78683 15167 96788 88845 33436
25786 98924 68442 94657 41363 90452 25851 38249 30629 36200
66036 68203 84429 19769 28867 68119 17016 68731 08813 68426
45941 72880 39973 40275 05264 68990 13622 52031 71738 90521
20466 49292 08684 05695 34793 44387 57208 92390 82701 26278
29490 23300 61602 26821 83799 59764 03175 04297 85938 77744
96973 30180 86801 74362 16859 90053 70732 28437 17452 34634
54368 13470 92792 41822 40667 86502 14402 75730 57787 01300
90911 53623 37528 19275 16478 56697 13005 16615 00140 45656
40244 11034 93331 66999 73401 56588 57721 60978 48278 80003
40571 07144 53815 56929 49806 68433 96282 51591 45975 19732
85812 68242 93291 71834 99994 87879 36952 26768 04212 88648
98900 25388 33386 73371 09251 73208 64859 52652 15524 55380
37057 56977 36923 76773 93651 76259 55802 88099 57893 50263
63534 83995 66809 58342 02963 84024 19955 81936 74621 32526
22398 38256 98907 78246 26632 08594 51408 19693 03105 09710
13548 27153 94040 81711 05764 77301 30261 90882 95386 61354
15671 70885 96412 52688 09115 50786 03362 44869 58283 43326
26399 96032 65354 91889 19925 40547 89062 99598 21795 53902
12883 88978 45383 81753 34012 65618 91660 69065 52840 84280
73479 50295 67601 40888 69257 86541 03879 38825 48234 60606
33670 02994 34509 65906 63683 40064 02027 50168 97568 68346
17712 99847 01749 65739 74933 76200 29564 09174 84492 38969
83398 04001 15313 18583 19484 26762 02026 22847 25064 29769
61642 89034 22616 80946 86488 17331 80801 37357 05603 46551
36855 75860 31774 58101 60072 29337 36416 19077 11107 01918
19455 00476 76758 61652 66430 31437 84929 34061 09989 75458
29445 44994 37957 39519 59435 86255 15185 52051 12937 02410
11352 70699 99439 22225 51909 05801 61033 83174 34359 70525
66859 22449 77051 93612 20554 32907 92690 55644 85359 07404
03731 34796 56610 19937 41863 72983 36254 17052 98760 98375
89128 17925 20289 65178 85651 46589 61357 96645 60626 44722
43604 42253 42855 38433 83100 84968 35231 57497 80260 59552
50012 30467 89147 67837 28958 04098 08360 01917 03012 60530
60690 11176 71231 30666 53738 74116 03632 27163 38669 60894

97656 45510 09305 97528 42938 06596 08733 67695 74049 39221
35624 13069 15935 25994 67447 18126 51701 61036 42756 90367
67460 92948 69760 71884 53909 51461 53339 43204 69336 81219
68710 00000

17422/14977/12224 kHz, 16-11, 0800/0810/0820 UTC

11100 00000 86541 15006 00029
96321 00000

17422/14977/12224 kHz, 17-11, 0800/0810/0820 UTC

11100 00000 86412 16081 05029
79947 90290 21113 77426 28326 46116 59654 15930 93483 53370
94556 40134 45688 83867 62307 94560 92966 79876 59870 67131
65431 19472 90188 10426 90320 35495 75752 03278 68699 42823
13671 19877 89763 53616 70684 98593 43673 85251 41559 27684
18860 90611 19295 90089 94748 65425 50586 34498 65821 12355
74978 64859 57970 66495 71150 65559 23070 11998 58763 04409
22710 44492 29313 80663 37033 58991 04428 10246 59593 67979
45037 65365 64204 79358 59867 10717 54682 88948 86679 03448
33448 67222 44711 49088 49906 44970 81735 30623 14552 27574
64193 52889 89736 92588 83828 69504 93031 50299 79263 84491
74122 71972 95953 45808 51186 15450 32959 72948 17666 02814
49970 85821 55404 29771 33021 27081 15054 11477 42341 95106
49715 94468 90760 29811 12736 89393 26130 18468 55599 04238
16176 13750 86857 82715 59238 81158 78034 77535 69321 18035
27436 13210 08902 11344 17809 18102 67923 26412 28791 30407
12428 43812 90071 07736 51246 86576 86226 95004 94193 04934
49137 30316 00212 10752 98957 93508 38883 78873 19542 27077
13766 57534 79292 84136 20982 55051 33347 83131 41494 94970
68059 73965 90518 56854 73694 45245 72492 44902 56289 27328
15058 51595 24611 70854 80479 08543 13145 05462 77941 41725
27064 08350 25166 73319 20098 37410 32781 37293 41263 08589
09876 00958 11362 22169 14199 09661 15220 67677 95406 96817
20570 62083 04825 26458 59547 00990 70150 60478 33705 27498
58530 67796 28517 48441 76460 17576 48279 52656 79930 23731
07366 11013 93269 32886 38766 62847 60117 72971 05846 18527
74955 04665 28274 32805 68656 42839 58034 28666 46458 40230
66484 76354 01830 50484 28382 57250 54647 12801 13824 67314
87125 25339 24026 39757 75941 99580 31898 91642 43982 12838
13336 24100 80170 01096 80170 30836 00780 59370 50724 94644
50699 41778 18892 76577 68080 78495 07702 27491 60789 51804
18281 76634 68124 98403 10176 76987 06218 30181 73950 12010
20569 90625 82010 93513 94145 89077 28591 05337 84483 79993
94832 72496 88233 79417 99901 60529 56587 35853 24080 34687
10011 97709 14764 33682 25746 44524 11311 37682 96489 74136
49675 35215 83712 63010 32759 18701 14036 41889 77430 63275
92117 53963 74135 68606 28482 87754 20047 68383 05716 01889
11685 37176 31499 83950 07948 49333 51872 10612 99490 69631
23210 01211 45389 80339 66309 81984 63028 74405 51059 03122
82143 69435 85097 75849 98971 22170 04928 21710 91424 48125
92896 51250 81246 76108 68502 14276 54070 92276 27449 88890
73334 53437 26893 01480 48971 74273 40322 94847 46830 18182
30496 86679 49751 46412 13898 85530 06244 05198 15118 56515
27696 55553 34621 53894 20057 75446 78334 62745 60932 89013
22483 16898 58026 02517 12117 85331 49862 51722 16772 44216
34738 90399 91691 76778 38834 74613 18058 68201 59416 22511
20660 87714 44081 54277 86442 75093 91971 41964 32369 73730
87896 23858 96043 77482 05311 63096 47521 83467 39064 55203
45744 68016 53888 14240 88049 27947 59536 92258 26179 54365
48515 11743 47228 31164 57366 15722 42978 75430 37407 65250
16043 61918 45888 38937 96264 98805 93496 14219 65810 46899
81500 00000

17422/14977/12224 kHz, 20-11, 0800/0810/0820 UTC

11100 00000 98614 17008 00029
52781 00000

17422/14977/12224 kHz, 21-11, 0800/0810/0820 UTC

F06a: File 44402 (binary contents)

17422/14977/12224 kHz, 22-11, 0800/0810/0820 UTC

11100 00000 65981 21012 07129
59282 27356 57597 36620 87999 37303 26145 08475 68155 18941
20947 27160 43067 91466 26049 28211 41957 33685 73922 41254
24260 74283 40606 84432 45507 90022 80382 56586 11989 47769
79710 25627 16362 51317 35072 36538 71412 78929 84437 87446
84145 22541 47028 47187 37397 64559 51070 12825 71146 53201
54222 30540 80730 62300 86368 28343 74139 46525 69461 34033
55577 27945 94099 76851 27483 74882 57536 96267 28195 58989
92802 06329 47449 01474 43621 89009 86893 44441 64820 15008
57812 08254 52918 15422 33245 20873 36568 52736 96683 30112
81560 64567 54545 34727 90057 78598 04597 95304 98757 22144
77525 10867 05671 74779 93843 72133 80195 37477 03312 27388
36184 16682 99064 21875 72683 46766 23638 96668 12041 99298
09076 57958 90055 52572 18305 52674 77875 19821 79965 11400
40314 59563 33892 44512 60285 16515 29421 02477 84033 66505
43719 36240 66857 63832 12320 18663 24005 14502 89055 12917
16437 23779 77564 98802 26136 91492 01581 92906 00657 53534
06167 23545 71599 92987 07099 46436 76703 69317 30585 12022
40232 39068 10497 20399 91349 66503 35313 24777 25181 47621
61955 69410 36219 95989 38708 72944 78803 63834 04409 93107
34316 96815 56086 33683 89817 45940 02260 79712 57794 85029
44052 71851 91696 07206 51337 55829 76983 98804 26086 67939
02321 14177 70108 42503 40662 99804 99380 52247 94871 41168
72137 17523 87581 30805 22927 45317 99985 81004 19802 83977
89236 29558 86850 04609 39150 12019 59246 45057 23892 98907
62996 77434 89348 21288 36599 85114 81853 33162 36766 60136
78967 84126 95430 56961 01995 00706 20201 63511 14934 99830
55464 75429 39526 82869 46322 84500 41122 83671 72540 17173
65022 69046 44715 84110 28001 15132 79822 26723 94693 08061
98361 71598 93528 42403 10260 28792 51908 15783 81733 94895
55302 43128 00301 46830 59968 38996 80120 37296 13961 41388
74851 27828 66134 75517 90221 20377 67826 80950 13488 73371
96892 50563 01979 13185 58807 54757 97913 76949 44486 49362
61663 47661 49548 90669 40675 67503 84682 06030 16212 40326
31822 93458 95122 59236 25799 48680 38812 20205 66184 43048
46615 07665 88978 00793 35740 63007 52868 49007 84989 71927
19709 38836 34442 31561 33937 61291 58265 83334 30599 06128
52875 22486 26676 37234 07608 20175 75401 82953 50093 19130
88248 64792 83539 88771 54286 12938 58078 50742 11587 42036
43400 10786 50365 85656 94830 57910 52548 12890 30060 16773
97461 75507 58702 64231 88306 59127 31875 45983 79137 36824
03985 54248 07005 48612 23905 52420 58967 55247 97743 57627
28653 39788 90369 17145 42058 55339 57906 39588 57275 42427
28362 66829 67826 64449 72595 97580 64308 34615 32806 98562
34017 32837 00718 64220 03253 35998 62672 10904 51983 10034
53795 16463 55567 37271 88434 41187 33205 77460 59057 91035
07821 85925 20786 09079 07062 37298 03773 06117 60089 28236
20592 66379 69862 57601 60836 89268 65601 07505 90109 53077
65109 73670 95604 11611 01645 18555 45444 59659 95031 45660
53984 28255 71703 18471 70259 95656 63350 72457 31762 24984
38868 93590 50739 64458 49306 61789 25199 71177 90475 82749
91803 44359 12933 56595 62858 78997 34010 56771 14560 75867
31580 17643 18699 68814 24253 54210 35021 55261 67684 62397
06405 40887 21680 73342 24066 34389 67796 60133 54973 53293
82110 20412 48647 26727 92853 83307 65553 06110 77603 14116

94254 19684 79702 15173 49529 31840 48610 46354 68624 93154
33870 13648 47854 92095 87368 99218 86702 44324 53592 31430
31643 80526 52554 18232 36852 18726 85084 92368 83999 31998
15177 41845 28317 47541 09065 24077 63111 38024 35731 87176
19934 91159 58526 46801 46578 68442 72592 92006 30091 88977
67765 18539 57001 99349 21668 13015 27936 15459 52650 36405
68820 47276 87292 80279 05846 42435 22145 94246 96397 09620
84380 08013 33127 07663 21085 96515 63353 11321 71820 61557
90986 89626 04200 28382 53155 57796 17125 80627 88734 88594
41387 82101 40949 94118 92328 58801 61251 13924 54233 39633
06650 70442 01141 79259 47693 77613 83788 11508 29273 13687
37337 06786 51458 94110 89593 31942 62525 05465 74410 35999
81393 86363 79946 10209 91635 66263 86473 95854 74258 98127
73432 38253 71444 45871 00403 10379 98433 12523 91693 54558
45740 20060 79235 15667 38885 76830 83453 64265 47842 93514
36824 33121 63370 33556 79789 15539 82437 09011 83729 98947
69903 57730 80659 32183 88669 62846 04371 49892 15465 00464
12710 00000

17422/14977/12224 kHz, 23-11, 0800/0810/0820 UTC

11100 00000 67452 22010 00029
64813 00000

17422/14977/12224 kHz, 24-11, 0800/0810/0820 UTC

11100 00000 25847 23025 05029
38169 95824 67827 90841 67712 20074 41970 77113 32245 85452
66703 11362 63325 74716 55681 36244 21192 98805 87310 37322
76305 98278 80670 66420 44888 14769 21537 15469 76904 24642
99430 45530 19927 52053 41649 00683 07307 03586 55200 61455
44110 91656 12593 17505 89240 38878 42399 64215 57187 80572
10553 52911 87849 07607 03301 49370 57852 16755 47754 80330
31812 60766 30971 72664 76979 15325 03518 14923 89699 05096
78438 95928 07122 56035 61566 00103 02604 66164 74129 64227
88248 11979 53575 25310 72997 32704 43549 14258 49740 59551
08983 75033 09855 82200 37206 13996 08632 69661 11040 09088
30016 87725 64795 33597 24100 80189 59119 74133 15807 06024
35628 47546 08209 49703 37264 46450 28905 46850 05310 68052
92903 92414 88999 05964 80455 23552 28671 09697 53250 94394
98382 41515 57442 84910 18947 85338 86926 11029 77309 87387
05302 28222 13209 33252 49967 45733 59067 91076 66788 93635
44038 75536 48756 09912 98143 12317 77097 39740 17462 07756
88264 64172 76275 53354 15229 00398 97131 19840 76547 40779
14758 20467 11603 22833 94750 48237 85484 47372 92997 16744
11931 86964 66754 59306 67772 51924 73317 66102 97327 05997
17240 63968 30165 48951 32011 68567 60687 08249 07150 63605
62969 06976 96647 86788 39289 00246 69695 27206 25783 97234
89627 63821 03674 11055 32039 99769 89492 03644 77985 72142
02755 17866 43227 41947 34508 14004 29444 93928 65191 52834
08364 00946 05262 92468 74724 32580 56999 91160 29045 12676
20949 33248 76093 55490 95423 20432 50037 35145 42516 95575
02174 68070 19050 91204 12207 13115 95908 19913 08993 19028
14179 48839 11698 73990 51558 25419 27297 36882 97437 46591
65366 54975 60129 88652 56095 97743 54648 39940 82455 61467
44508 03538 62471 24334 35947 62182 42526 56707 48046 22575
87636 16263 07150 81263 79641 82676 39052 79301 59234 11547
57368 37862 72787 12248 71534 91999 09893 79387 62880 64732
42562 32580 02194 48661 02032 44192 07243 87281 54097 59772
63662 73198 58918 40846 57665 05415 26244 84755 94001 72901
01971 01241 97618 56613 47000 50446 22439 67153 94309 72042
15710 60274 95188 60142 11362 97388 90567 63716 50796 43297
68389 17172 54562 18304 92942 30804 93349 46917 17119 95792
31726 70319 13501 83441 43079 14794 85256 43340 19176 33293
42733 30137 22796 62345 56729 13624 56864 61475 24358 51791

48528 27334 08439 31579 71612 99724 36378 06973 55890 01705
69440 89163 56608 80966 78384 68440 82703 44667 86373 72506
07146 04907 65111 90916 07855 77036 95141 20306 12613 97988
26239 10114 46422 56813 98842 13479 04741 54607 12453 73002
01038 36025 51947 96057 62093 59567 07741 99338 69504 98809
50728 27339 70806 91797 47955 74437 08668 80751 29943 65286
41585 09310 45615 73192 54525 69466 65759 81170 82940 15409
20960 15355 98601 86439 84939 05475 30688 06157 39253 52053
20562 50110 80263 05042 33683 99079 54339 83566 77077 20207
32216 91470 95818 43131 58450 08350 46946 23338 36913 60764
74265 09903 38255 03307 32459 59819 40279 64231 33961 66086
37167 35312 17015 91766 78481 10633 58359 27181 23900 03987
25500 00000

17422/14977/12224 kHz, 27-11, 0800/0810/0820 UTC

11100 00000 45819 24012 00029
95842 00000

17422/14977/12224 kHz, 28-11, 0800/0810/0820 UTC

[F06a: File 44405 \(binary contents\)](#)

17422/14977/12224 kHz, 29-11, 0800/0810/0820 UTC

11100 00000 25794 28055 07129
76104 89746 10744 57330 11578 80914 00719 03565 52950 80865
76381 13664 23622 41251 44213 36133 21561 04132 50616 58524
37238 60412 17868 05966 40025 50571 91501 96821 50228 93609
28801 03915 38969 55159 83097 94754 23069 90690 63552 49207
47149 24753 75117 78046 70125 52192 68360 90814 98281 72270
53832 86442 32112 91644 60687 65064 19129 57120 44213 84449
29803 04130 71989 09514 98841 31880 43333 28326 98991 41081
21742 33063 39538 95228 85012 89331 06705 91341 22713 42323
88140 51124 35721 33209 48662 68466 17485 24234 49468 74233
21725 55935 27986 04279 46231 84931 80562 81613 87483 75710
15163 48676 45736 44863 66283 10638 85300 81196 89255 75680
79670 90157 76137 03180 96219 36017 60363 95746 00116 80239
02367 96040 82176 39491 73331 74317 40333 11699 79286 17629
69393 43631 92714 56626 38794 38406 83869 90890 63030 26385
68986 98749 94446 47881 17580 42489 93080 21124 86001 04920
53243 93909 69463 18233 91524 02388 89702 71070 25914 85409
60479 04760 00722 27879 98088 34646 36986 31550 69089 57460
13063 36700 92418 30656 05065 43118 38092 34663 41868 03850
89675 53981 54346 90133 62708 38063 23535 50963 96277 27923
57403 15719 59919 59397 50937 13304 43041 79012 09199 06217
19051 33380 38071 63009 01385 18067 32362 17555 33608 96878
15958 88576 80797 27488 13716 57863 14366 54347 59788 30613
07547 54823 72046 26345 83698 49500 47323 73819 84638 12566
57126 08390 51173 43247 48541 95240 33031 84211 79989 26941
70376 97873 46539 68750 14091 36562 74455 50115 77010 67463
89675 25799 33310 38284 89899 55069 08221 94585 74974 72402
25263 84706 15280 48115 03188 13223 62772 62386 19816 28882
34409 41089 84956 57947 22613 26877 89593 18887 12479 83966
23531 79352 10402 60043 78684 41378 13830 53734 80202 65737
76800 61090 12606 71400 50980 99502 33139 71027 06874 32501
89511 28434 64896 43873 84221 48962 90994 34527 52654 38706
36515 40558 47128 93519 26985 95932 44096 03743 29520 88246
16672 85597 53519 80985 39673 75173 64362 00723 19385 45947
14771 12701 65199 35785 23537 33230 45355 94344 56309 52332
93933 86829 88104 65090 61314 15028 52253 35113 25286 41575
05462 38574 04970 28374 63664 62250 44783 25114 88372 54010
60593 68827 28197 49166 65277 80414 45233 21160 15857 69082
80996 29989 49406 80626 41600 66831 99916 50508 06850 18297
13305 47638 92963 98746 02752 19835 23582 24112 11566 76876
88770 25660 75748 72079 96701 27137 03453 68365 47695 33724

13535 99724 85307 06253 00359 64031 04168 19106 17072 08150
19229 25256 94517 91253 26143 76858 37982 37313 07428 74858
68964 12673 64127 46033 04142 89674 77646 70918 88747 82243
31449 11048 26513 64385 47307 08944 73391 07540 15785 59306
87231 97707 25658 74826 50602 18310 21931 95065 08942 09701
47173 11840 91232 41281 45828 09549 05383 57148 36204 43877
25495 81214 79832 07317 13226 92739 02870 54945 40414 08208
49243 88884 05159 30496 70215 24906 58547 51254 80071 89585
84219 17455 32602 21472 97940 98040 98068 74692 59390 11597
45360 48442 13340 01010 58994 90782 02421 66024 45687 50200
18652 89658 10144 73355 85928 19395 04794 72454 90656 89097
83121 10700 02722 92595 11307 79228 53968 44853 17859 64010
66394 91680 85912 26105 47242 53920 17898 43756 93158 17041
27258 89718 70641 02074 36904 42296 64929 78843 89098 53496
14545 07415 96447 22750 73663 18704 88697 49650 69507 70182
35021 64110 46942 37621 46473 57420 17472 28803 88317 62611
54811 30152 56898 57568 04232 22199 00752 89348 97862 24847
90646 43115 93137 58342 68232 04144 76573 30924 27994 86336
00064 89055 12189 25664 41889 91202 23465 62005 09613 91074
84841 57785 27064 41282 01734 26882 72583 53343 05727 72213
60740 74969 84766 55459 84676 70577 29469 47349 61292 15962
50228 31951 46455 43063 44809 63406 12405 95773 21124 98537
04562 82714 04869 53779 19914 37920 86702 59855 74172 25377
88681 12657 49889 48341 54601 43740 42712 49382 93964 58896
47975 12087 34245 18222 54813 00356 61140 56133 39971 96243
51498 64760 78526 22265 28611 89152 13671 59115 94557 07745
52784 94731 19283 96506 81947 65651 91104 00231 16110 76580
58336 59378 27088 09130 16704 65935 16579 55647 22256 46703
26383 39083 34449 97476 03028 04833 19095 16532 58959 95480
65862 10870 97518 44405 00008 73652 93864 49155 93045 56265
49048 10559 02017 83451 59410 48486 92073 84942 68508 30216
55710 00000

17422/14977/12224 kHz, 30-11, 0800/0810/0820 UTC

11100 00000 24856 29014 00029
17135 00000

18044/14973/11632 kHz, 0900/0910/0920 UTC.

13952/11135 kHz 1240/1250 UTC

18044/14973/11632 kHz, 09-11, 0900/0910/0920 UTC.

13952/11135 kHz, 09-11, 1240/1250 UTC

11100 00000 34859 08035 07129
86023 70042 90748 00097 14736 46373 16632 52528 01219 46816
90916 43972 56887 09080 80342 74122 85152 50005 43021 78049
58911 96741 03044 92972 23122 43398 52519 62233 83426 37884
04503 93659 66737 28604 45235 14519 64738 25709 59134 90235
96230 56581 24980 99071 49267 20247 06735 79941 89005 70406
87415 95568 42227 81754 19484 78159 94445 79301 90171 49781
60558 35360 25182 34633 14968 63904 79215 05409 92106 66968
86741 30919 93325 12796 71468 17173 61050 50403 37933 59106
06169 90268 93669 45142 99581 05809 75371 81770 63842 35354
77498 30329 25838 89294 06765 73189 16443 92092 10939 51516
28078 13841 55402 41802 66124 71063 45895 63350 55115 01441
20897 33919 85654 42149 62064 15674 12995 66499 96180 18684
43214 58565 87045 54109 67924 30486 40742 54287 33456 12133
72716 01901 55453 67827 10121 35420 14810 19799 27840 22995
95902 83062 41651 21994 53035 41416 06943 66378 16047 19235
96450 49094 71024 28757 55423 91666 77038 97543 57668 18197
04863 05798 10923 75934 08594 88242 84967 69623 66127 80231
60942 01805 49416 12787 25279 36259 10447 86250 56711 26787
93882 77235 79783 78506 12301 58564 83301 33858 44967 36892
27160 00502 46079 37675 85995 63302 73425 92211 03077 47574

73385 06401 52905 25794 83221 15944 35930 84953 36589 57647
53838 96738 83207 11533 38842 57738 58633 93433 35414 91852
65056 02767 57897 32099 49087 55166 72433 24002 87436 54674
76640 17745 16454 85159 75492 41289 66447 25674 76814 71630
86722 19411 54853 46389 72292 50973 55351 82919 28172 11624
40558 97131 32216 57216 97621 39196 82427 88482 58799 88343
39677 08382 06919 73923 01768 36174 64533 14927 69783 82932
90204 95153 92671 18161 30351 16203 00968 82214 00102 95494
65632 24207 91592 01491 42918 70101 33137 43315 91206 50649
47717 56949 70760 43898 84228 55208 62319 11922 19917 33659
65485 36487 57436 49701 62822 83328 64986 16960 60627 49725
32943 82217 42291 75067 45438 77036 95197 19095 90309 61288
97090 37504 55874 00756 72861 09601 87954 46011 57670 97693
05596 04749 27367 42917 98906 24762 82122 27157 57477 29752
94227 55790 02790 75156 55988 40902 23080 16189 88651 89683
34069 05263 98310 27696 14020 61008 89716 11677 86541 76056
73938 11593 49586 55771 30808 66614 74077 05139 12085 44703
20605 05981 96288 60503 47617 51692 31125 31219 09563 31678
24439 75165 68407 82695 69658 82687 66966 49269 16629 14129
37495 20380 23809 04534 43964 34614 52748 79783 81471 70945
90781 13835 81213 67365 12892 81773 94464 34517 18665 88341
53996 56550 05284 76650 36378 96358 62488 46754 73587 47409
00459 38771 87385 99332 46526 60246 44871 09479 71692 62441
58673 97610 32850 95233 80207 05933 41680 95319 59432 91636
96136 87403 69552 44161 35468 03064 20098 44336 04720 46983
06822 07614 39632 65229 71846 78574 07899 95268 72509 68878
67705 02418 82332 55873 29489 32393 72556 84024 31861 34675
47684 36369 67627 36351 33464 68181 20842 71139 40747 20023
00832 93274 53667 52381 84137 30943 15571 69079 00297 58956
11144 21639 22416 95354 68157 11787 48458 51619 27289 34295
84203 91184 53447 27345 63791 75943 87028 22592 68812 05427
58566 12127 31866 78340 15186 74520 35524 31163 32318 27136
42654 33473 09103 96898 19015 44707 70921 26714 34083 62030
27501 59709 51038 14006 60008 68506 41841 79753 35604 21688
88353 38286 72860 04672 55427 77706 06504 37155 46905 18954
24907 54341 80465 33797 78775 44107 42256 61742 84461 57333
07250 55559 70345 33548 36260 10111 39719 09109 85553 54165
48612 00076 89998 09892 21996 76987 05686 49708 56806 73720
22957 05192 85218 97607 85789 07720 96614 33029 78454 65539
41674 55633 65406 06948 67043 99400 95325 44279 53994 43720
05270 38375 59536 12675 85845 68228 83401 03724 93367 35497
09344 87962 19916 58566 94199 49159 57247 35844 03136 53739
15490 82989 14521 68918 82563 73752 42873 71172 35253 39109
53308 12221 37889 04392 65923 34717 89554 69094 73568 54836
05769 59035 21428 53943 45583 05578 21857 46533 20021 31585
02917 16625 42802 48799 14023 39801 09296 96342 37180 33079
14626 75006 77201 99804 46878 57038 29383 61747 16347 76101
48053 95596 06742 27098 64433 16033 59321 30541 27261 72577
25857 41170 64597 52388 51395 05485 90267 06210 72739 97898
03369 39650 43585 90191 54273 36976 22263 33948 75585 09623
83006 60672 01470 86588 36706 29272 23797 88918 72055 75582
35710 00000

18044/14973/11632 kHz, 10-11, 0900/0910/0920 UTC.

13952/11135 kHz, 10-11, 1240/1250 UTC

11100 00000 52638 09041 03429

74365 02521 82783 87391 81334 02648 77686 72601 57626 19213
55471 33485 07694 26994 27600 90226 21786 98897 41881 73243
83904 89471 18787 98549 17350 06411 27719 42819 28811 74732
26654 35350 36921 23320 13593 09108 96225 48513 63284 78035
52501 34444 47622 32832 90355 34785 63180 72356 59050 45628
14312 12883 87485 24150 25253 42363 24285 32771 79667 11901
63907 13491 11068 81620 44739 22090 92559 63114 30096 76871

99332 25667 08065 01654 42346 58425 71143 67680 96644 05725
61589 64147 72736 17742 93438 52032 04479 83664 87117 80903
51906 39572 77591 73417 42432 68210 81986 07169 98871 32849
37620 48598 27715 12406 46376 18633 66097 30028 86373 94758
10892 92322 76853 79198 78372 81413 07219 87900 67878 67021
66186 40006 27922 30750 31962 52497 48177 19766 09395 69706
25777 72058 25036 82383 79374 80476 16054 15986 09389 87715
73925 92913 27882 29450 28853 98338 06501 67800 85845 04352
15926 82315 48394 32088 55260 10670 90678 56527 94792 56245
64254 83665 80588 04802 50145 54727 74320 17416 92282 57128
26800 91877 73237 46848 08638 09724 18162 11935 46464 11119
37902 31793 38161 64738 47206 11972 45529 24873 18963 99121
87834 92918 60421 05820 84681 25452 22309 99945 21621 56073
76808 38286 36970 23213 25315 49081 53244 21070 21916 93169
01670 15898 23530 58444 13186 94795 02647 67290 74400 39219
83600 01701 71919 40372 88312 75758 73491 98694 02453 10163
19409 74610 97937 88501 22601 82735 72723 99940 00851 46728
93814 98035 89584 56978 54437 30338 08662 98305 81307 18491
81608 39875 52937 93501 30725 04500 14909 15880 96518 59527
03066 35319 54880 96501 10543 69627 30460 91770 59591 07570
29667 65251 64119 65340 41740 79514 93892 51320 81316 46399
76339 18833 70948 33325 96883 11573 86993 86509 83752 31397
17325 13260 88196 83166 04291 90532 96055 76328 71372 91957
31609 87923 56965 50504 39652 16702 03729 98973 56727 83047
76937 55517 07457 54388 10281 46361 86911 00775 02531 82924
14948 10334 13535 35514 73458 19267 32961 70802 62472 36084
20230 45246 36031 64767 39082 71664 03802 56550 35207 01133
41340 00000

11100 00000 31256 09042 03429
26866 96651 57259 07408 62177 23564 30226 97358 03040 11043
21655 15592 54250 40285 98541 77149 66295 15054 11423 68271
13218 94804 78735 61988 39345 72043 92384 39672 35793 98618
67929 35735 32698 90617 87839 47654 18109 66572 11253 78520
19469 98648 48679 04296 08648 81510 25078 82957 16430 48553
79757 47733 67424 90177 76519 51599 71316 53813 22507 55242
31409 30361 19170 75656 56381 56750 93804 37580 86212 89295
85094 94950 68200 27546 81090 14564 44015 93306 33075 39131
33727 94520 93735 71912 27744 28712 53100 50131 22595 05654
70656 99329 61504 93970 27108 85884 65677 21356 44186 09842
67259 83079 45977 05281 79885 38495 60185 40380 67761 00220
82772 34379 99227 45669 54418 33622 95726 05660 22233 13870
12115 09730 85161 01073 09269 92902 46516 27783 04910 93553
22076 67403 13581 97081 77190 13452 11738 05068 91323 96036
88858 34611 73476 52722 70537 77523 76930 95981 24485 74084
86739 44414 85369 81019 78412 09921 59457 38422 71231 58030
94963 65273 24632 83545 29070 38272 51085 68721 47534 33648
43925 16142 17842 36654 43553 73495 81824 48421 90459 92428
18694 44862 38501 88675 14418 67314 26861 95637 98384 49610
34151 28615 33290 11261 63071 01859 69184 71434 29075 65656
97614 63432 51474 55615 66807 54335 70430 71342 43817 99511
38255 26709 34592 86682 58462 38878 97880 49216 71022 48299
13929 53359 07236 86839 93898 89070 62675 36246 40942 19163
61635 44136 98880 66430 11518 89687 49416 43452 70602 16223
43810 54758 77627 72882 79979 26046 16631 32559 60941 40141
15475 78294 95532 84372 01508 75319 27363 39071 62786 70924
02925 61865 88304 89355 14798 47464 85663 13904 80889 67616
99620 73408 45656 20934 79953 75323 14220 47268 72076 52567
55345 86317 28858 16322 34198 85167 67052 31981 60820 84444
16810 60423 65277 37763 37685 31818 35391 44168 99584 44122
78012 98250 52104 03482 89773 87628 30668 48716 48236 92473
72932 27064 59400 66784 43875 13397 22490 06075 93018 90064
97968 31184 92215 29584 89705 42887 27439 47343 77250 26988

43014 16510 59132 14591 61731 62338 93142 27240 29272 78057
42340 00000

18044/14973/11632 kHz, 11-11, 0900/0910/0920 UTC.

13952/11135 kHz, 11-11, 1240/1250 UTC

11100 00000 23154 10045 03529
59457 69728 44088 27903 17035 87911 68021 20376 82006 18686
15816 50731 99578 79945 11289 84805 07693 80230 66256 02259
82558 65107 06186 93592 67474 80056 78371 69759 64648 48293
34811 45317 94684 86978 06981 81041 53441 10235 14694 96964
20930 92425 76221 91748 01968 90119 11881 29354 03238 46183
58258 78921 76476 24452 35272 18820 82454 48384 33247 40794
55450 42177 12205 15139 72894 97749 30542 02855 59884 16044
45293 25710 83240 96084 51162 30150 14809 70224 50510 05989
68686 09020 71494 45834 42060 44178 76525 56160 14344 83000
28262 55982 84308 12773 05293 24072 49884 18532 84731 80636
60326 62649 33881 14415 95437 99669 78174 91116 51516 24839
37567 04151 38744 79763 48578 53573 19680 63631 14165 64194
43552 23446 48609 78789 56047 21692 09618 87338 89263 04882
34818 78240 61543 21427 24829 22440 41836 62250 40107 26396
58318 22604 03750 14844 55927 08498 27439 29272 32516 36216
02718 53066 08299 98320 24794 99242 08298 94602 41038 21724
62458 51414 41386 36085 53121 77811 32822 60711 64563 31960
65123 14295 14256 96220 00074 30633 70566 84372 41314 76632
86561 29402 67025 84483 04616 25288 32634 33930 11510 21241
35722 45574 48702 91808 60332 71150 07461 31305 42858 91715
63556 45992 26696 59684 31181 42454 97863 45647 40802 35597
18758 75912 70622 24718 02243 71713 86348 11075 93260 26005
68941 55403 50152 78799 35044 98806 42865 76977 79774 95467
10247 29505 96568 30605 43612 93997 53761 22134 88758 55577
32590 29446 83634 83938 56319 17758 73834 79589 65156 51468
73115 45181 16664 14947 61123 42872 16345 84213 35504 23673
08086 97924 60611 39691 79163 01118 79970 75230 59472 60148
84707 57676 19697 72252 55120 34095 98080 18179 17580 24505
10507 31321 83955 87734 23562 81795 65741 60827 95277 98895
80084 57903 13234 80362 89886 39449 84716 61913 45183 87941
58606 45450 17975 50761 83702 09416 47705 36332 33153 49697
39571 74415 49685 24545 82846 76506 91332 01931 81426 57261
82328 32781 13751 02899 98868 98531 64319 97517 44418 06436
93973 43249 94265 31056 41136 35209 14000 25397 71193 77159
81589 50095 16211 48841 67784 94117 72170 60897 54485 85400
45350 00000

11100 00000 65871 10046 03529
13118 65436 05295 25532 04509 78722 23217 21718 63936 96376
54192 90799 83781 84859 28349 47545 33557 45133 92469 10716
06268 13197 56405 53843 66037 66961 71207 14699 89185 00415
43709 86882 15965 51008 17199 41990 55107 91204 72905 55778
08416 20119 31973 36769 07543 16203 62605 80738 80169 36892
22075 99518 87775 76170 88286 97552 02164 15981 60578 94643
12952 32419 34443 18333 83208 42652 79869 14341 95414 03494
77981 48512 54949 97586 95663 98709 43286 68103 02869 60077
38074 87938 62280 12126 42310 74297 46033 21070 89776 84636
59168 75856 18934 54896 74512 81323 32466 65940 08678 56924
84644 49173 93851 14456 63728 67242 25084 13229 61556 30783
87748 16115 47540 37128 94860 94912 89243 41940 88957 58466
86723 99674 88203 01976 12832 33849 81434 00938 76662 23010
01804 98147 52328 13386 33736 57212 40260 94114 32870 80999
53210 96025 63669 18469 44152 99878 84405 08315 18262 65023
34186 32873 96167 14404 01727 80706 20660 36843 80538 41325
24039 92560 40241 80479 98305 32838 68669 69444 35361 69792
64467 66755 29418 57179 84866 75817 58806 68169 78312 26834
89362 81036 56659 56486 66583 08694 86589 83811 88741 33008

04966 05696 78147 29853 87795 60450 92730 95799 27494 32878
45162 12428 98136 99291 21660 09154 13388 35903 17710 10544
06795 39029 32854 79029 89126 30563 91755 88976 62457 47119
83718 93034 95671 36322 37852 66709 91086 08653 76070 42102
96869 18302 11106 66733 44948 71469 81732 48420 19095 85528
42385 72105 82877 47527 49361 99614 22153 45422 10785 88250
81808 70520 92537 89175 01424 14540 97330 11519 79545 09743
59103 63138 21266 85567 19948 03989 48787 40207 81740 73014
79661 50563 49665 74522 02398 69014 09818 34967 04115 80447
08082 66071 29934 17967 22465 95246 78800 60747 46073 49227
65415 62439 22920 01866 02966 83587 03756 22031 86349 26491
14106 82532 80572 95933 51696 16026 44006 34240 55471 28825
41200 04082 13371 08561 24936 17475 01076 86626 92194 34405
68881 41347 43752 79522 18925 52804 02064 50339 39911 45263
67145 15367 91557 78134 15126 25633 55935 71406 69163 88016
97881 76488 97412 73834 01690 28402 17731 61120 76256 40257
46350 00000

18044/14973/11632 kHz, 12-11, 0900/0910/0920 UTC.

13952/11135 kHz, 12-11, 1240/1250 UTC

11100 00000 28793 10050 03529
59869 77129 43076 34143 36698 13325 79513 69708 61782 76892
97362 05401 04403 70466 65923 43356 28444 54455 67196 68363
06740 12541 92119 72777 64430 62191 61897 06936 49752 02386
35369 59737 55718 15734 88349 99094 41102 67174 75875 26931
24184 66442 13307 28416 47685 86502 37206 20131 38335 55110
31947 26843 09498 61725 32976 41584 80311 46926 42678 48715
09759 66544 19773 14665 69124 47686 28189 76038 01269 78840
56340 79768 40148 01254 42759 55009 89035 93762 69005 21459
80863 68271 05809 63788 69135 18061 23359 26874 22846 86119
01707 11524 23833 45675 02187 75367 90015 10131 85824 68624
72947 14571 89646 59409 03122 36049 96840 28285 81470 44823
61699 36735 40490 03740 75292 99255 23434 57951 82788 13743
55010 82151 88386 29870 02023 77511 08771 60143 47384 35527
61049 63315 25951 10926 96094 54856 95611 70865 13234 24157
42068 12571 17229 63162 40738 66630 03472 36113 24235 28114
82345 45097 28843 82714 78681 71075 18437 20098 67247 95101
09284 51645 30219 29386 44152 74778 47547 12923 89186 51052
56186 51355 51967 90208 39098 05758 44193 57372 29984 60043
37446 45577 44675 21657 85444 80814 75117 35276 11247 51790
06901 14168 82830 81569 46249 18923 25489 83312 67429 38235
44480 67270 16504 51419 56370 91248 32372 77352 52502 71703
71027 39538 43034 97681 43982 01956 54978 14770 06785 55416
82685 71258 58577 59076 14205 43696 38620 66826 81961 84025
30728 93232 11187 55495 11559 98701 64544 49516 03680 98587
06377 00677 19363 25904 35031 42082 06036 02340 56671 68210
29335 97256 99050 97484 54688 79375 88648 51732 13376 90810
39631 94729 63995 98165 28063 97011 85283 00368 49815 19149
61212 97916 85589 30657 44314 53261 21529 06744 08170 96964
98811 70078 24983 59369 90699 69763 29205 32427 30464 14701
53119 91397 38622 03545 45343 31100 22930 18420 08174 96396
49573 74599 14722 11609 08976 43321 91767 38539 24685 89946
79275 17802 78749 94630 02505 73137 52055 47700 17663 83403
03020 36933 17020 51927 33121 68907 04447 27911 12669 91632
77287 59579 65271 10629 75525 83741 34434 15659 84172 81481
80715 60281 99810 54633 82900 61433 97240 02759 41601 11217
50350 00000

11100 00000 68971 10051 03529
56912 96956 62334 66392 54490 68802 08430 66651 81935 23003
95467 37785 96131 80675 87509 67460 47210 26439 52445 94122
97391 96367 70528 93437 71955 26597 46143 80851 90774 04758
33721 84943 53862 91426 13764 71279 79345 03791 79893 21428

17336 78700 22884 96850 88099 57309 22597 42335 17992 58478
83765 08671 71579 33143 76563 99247 03392 16818 67902 70273
77740 22441 54380 39286 30041 40733 32833 81654 68072 40263
69423 19760 36627 84410 53192 34535 93961 07410 45035 54060
73514 16663 58013 98891 29310 13511 29956 88816 88486 49646
74285 40726 59403 61363 20001 12285 68736 48820 76758 71090
26029 92514 85991 94006 39110 24153 43997 26363 28839 94097
07937 55700 16597 02590 20684 79763 82972 86921 15459 73410
21076 81761 86178 84138 32919 94802 34477 10910 42302 64941
29316 45972 22637 95151 40133 84343 63153 77261 29466 30671
21922 50810 15977 58131 39123 63172 43837 99078 09021 23140
19389 72111 34056 65151 01030 75254 09505 66350 53265 99943
12149 83665 00844 45495 91379 03094 43945 38756 86186 18383
20329 88609 16457 81294 25393 30042 22036 90633 26092 37438
47970 12239 29623 11810 99388 47118 92851 71631 14443 89910
83384 01982 28755 44872 28245 41670 29805 91572 11088 13042
24700 17475 03878 24141 69758 59609 43986 97933 35344 22510
92631 08258 04398 64609 35604 27210 28097 70278 12218 13637
87076 49699 83416 97430 31657 33756 74984 39317 99519 56133
56782 70811 34249 39809 43969 44040 53199 30129 31119 46120
38116 41652 95201 57766 46944 10950 28334 60830 70265 72557
86263 24452 80809 00246 63506 24512 49458 80821 31088 76072
26197 12633 97814 83488 09450 45969 81018 37895 52217 07538
97716 16729 78485 76219 12111 65004 08311 02276 00379 62999
15043 87196 18688 10071 63112 66390 85358 79258 99819 61885
13146 22381 99570 97240 52530 30310 83981 91849 32007 78105
66312 76832 06267 09699 93647 99687 48229 41823 85264 09910
45868 91859 90639 42746 89751 59299 15515 43288 62244 15514
89469 98079 64308 81502 73435 66437 40840 98322 30585 28661
90477 19883 09046 93324 70819 82780 09858 30843 34990 32891
38631 25493 60491 13366 64327 63073 56279 43757 33610 96404
51350 00000

18044/14973/11632 kHz, 13-11, 0900/0910/0920 UTC.

13952/11135 kHz, 13-11, 1240/1250 UTC

F06a: file 44455 (binary contents)

18044/14973/11632 kHz, 14-11, 0900/0910/0920 UTC.

13952/11135 kHz, 14-11, 1240/1250 UTC

11100 00000 45171 13064 03359
86406 82104 82253 90821 95450 65945 72178 82225 02281 53745
02380 03997 38699 42288 20628 89202 16103 93912 40343 88616
81705 86356 33588 54411 30711 42387 22972 18465 91633 25164
02184 13749 26953 10244 39817 12205 16288 70202 46184 77579
14272 32780 07808 56620 00331 98499 19275 57104 62540 28702
67142 86108 82745 39920 45581 46979 15150 65546 08443 18424
75538 70719 87443 64178 83342 31366 31149 46667 23711 13353
44441 43115 21802 12658 33170 87529 46460 42527 83661 87006
85483 78538 31781 85785 59648 97506 01229 75494 67704 71182
15771 75031 79506 00667 15074 28506 19479 02493 28844 94684
07602 82297 88958 26379 50103 57037 84265 63216 97044 11663
87750 86221 08992 01225 10760 07653 99950 34301 63946 94534
48764 98735 29661 49312 96150 15580 75441 96076 69578 32203
63310 45795 03154 90502 34558 38981 44721 31140 74704 89235
67355 19763 88317 76123 27439 06121 38393 60782 36502 52048
29962 22740 39029 89210 42630 41349 13399 92594 41728 70294
38170 80642 22768 78601 90870 77993 68874 56591 71511 01753
25910 10204 67976 57243 24949 92148 05510 54155 06808 43306
47465 79055 28316 42814 39512 85172 55007 90291 14491 85409
69928 68627 00094 59517 53249 60766 96572 11360 12354 18944
16644 37221 67119 09799 04803 91083 20045 83798 78201 57813
65942 42418 56312 70193 20861 01521 71539 30750 74934 74350
77978 24287 98847 22608 00506 32097 58600 49015 91387 83753

18257 29836 86601 07456 35379 10765 79043 64828 78817 14633
50824 81145 23549 34377 31831 06897 02264 09688 76749 71633
18368 10799 77727 16050 50105 77827 54870 13212 00478 89137
91759 14890 72653 57126 08177 83927 75551 74903 87219 98580
89291 62277 99000 39766 45190 84500 88120 97159 00001 42206
17093 55077 09073 55970 82913 44085 28131 93943 48967 69256
98352 15984 59444 51044 94428 32736 28478 39672 40309 03083
21164 89009 22305 18419 68665 00850 54244 47173 84592 75540
74363 38028 74832 29897 78629 05265 58028 68339 20170 44673
38887 18188 29508 53468 01509 65056 35280 52649 14925 49287
90138 35232 68023 64333 00000

11100 00000 94871 13065 03359
46285 19160 47263 62563 57953 78755 57035 99709 68330 82099
76190 54528 08908 81888 65301 65476 59643 10750 61620 87493
73696 10132 50483 23504 71916 90397 89347 64003 97767 98831
39418 13906 45332 28374 53060 48400 32321 51449 86714 96240
10304 39837 43977 73926 29320 56509 78551 19186 99083 30380
11746 97222 13951 49905 44209 78152 33846 36462 66593 09064
38335 83456 98832 29153 96024 72088 12720 01356 16490 99711
17466 58921 76898 81737 12951 90373 40539 13000 40318 11276
09427 99542 84634 96257 78175 96741 09287 69736 81335 14723
26792 78754 51368 76997 35737 96397 29455 43259 78510 29207
96327 32277 99520 27038 15303 05828 08598 18798 04713 99592
79249 22494 81920 11977 36476 03045 46096 86762 13820 76272
91961 50558 84335 82535 71671 90965 95186 78419 47027 86406
60527 19930 99214 23549 92386 35637 88247 63267 74215 13192
79298 41079 06809 47654 78124 12982 81271 25089 42749 82649
58723 39837 63612 70908 61430 68930 29358 13434 05050 52061
20457 97610 26680 50563 97845 74489 88384 83827 78778 06780
60915 66608 17068 38814 17272 95630 29911 99420 90834 58961
38483 73650 77725 66571 14488 04278 88091 25524 49855 09039
76008 08230 91772 24516 02686 87207 10223 12626 12651 34781
90251 90648 27620 11166 66104 70714 87724 89358 39466 19720
94792 90293 48959 75571 37367 26677 83100 80732 02150 78964
53904 18980 01557 51894 73315 66329 72079 85026 99666 92048
23141 76734 39218 82087 81793 87388 41802 02097 18067 65840
79286 73865 80583 93780 35153 30784 37001 54420 28277 31900
49246 94962 57555 61018 57998 02083 47740 73819 76205 88246
74806 93409 10585 17974 91014 04406 75802 97479 66872 31497
31014 76135 92182 13408 93459 33181 03350 08221 08793 48127
29156 90971 82836 78290 72174 29477 04455 91890 68013 49318
14223 30157 89585 23922 98583 96868 88581 50677 14189 98781
91335 99025 72087 85369 91276 41461 36484 61313 05150 03378
17720 70189 85187 92700 64187 72784 04439 95242 82855 68473
57412 46720 43099 33107 43259 17364 43512 71836 23643 70068
46398 10317 72523 65333 00000



Opto-electronic voice transceiver

18044/14973/11632 kHz, 15-11, 0900/0910/0920 UTC.

13952/11135 kHz, 15-11, 1240/1250 UTC

11100 00000 95468 14070 01129

38908 17682 27610 90878 93556 79934 31983 19377 75383 15963
97773 33610 56981 96812 71055 67691 78156 18067 61904 82977
50169 08266 24141 53974 22624 50842 02371 91084 34871 28850
93262 34740 23940 51982 18065 05121 10736 75128 52981 41919
36456 67984 14623 18535 71131 44960 46963 65134 65961 14793
07173 84704 71622 59324 96840 96789 94184 00734 35578 93082
10682 66597 23853 39345 15994 12187 92116 07916 23174 09362
82705 75349 88916 61515 61795 69374 86124 53704 08079 99754
95350 97711 75013 57238 37152 81009 73643 14982 17099 79356
72829 17081 05285 42217 63570 88202 22468 10263 84729 48930
54303 74710 56446 71290 65953 37429 18758 58445 38641 81527
01100 00000

11100 00000 67852 14071 01129

73950 25061 42660 43277 46289 70197 05002 35443 95248 84841
73457 83874 18086 51933 21005 19845 78073 97383 99927 93423
43802 30327 61832 67297 27013 76050 41035 27477 04909 31282
49772 53094 37870 96538 58665 12465 18525 65203 60873 77608
13096 74030 43375 74411 80977 44772 13821 10628 83466 71590
56381 48891 17600 33972 15049 16942 36015 39811 27804 72241
38794 28358 60110 63177 48210 87716 11156 54025 02329 66582
91289 05883 28387 84906 94087 30738 81898 73169 11478 60869
62422 94957 65380 00772 41924 32534 54280 53788 66673 40071
38184 40627 18613 94261 10391 51975 47146 96969 29515 02369
07259 09627 10206 77530 64935 24048 95992 92343 55798 99367
71110 00000

11100 00000 73158 14072 01129

01211 46102 38887 41057 51168 63187 81402 42091 13766 38987
52874 53918 05696 64847 24470 79522 52593 97537 97978 92565
21381 39710 01872 86455 09347 04055 05824 15698 94655 84582
70879 15467 77960 83473 77447 10342 69833 66931 98319 48140
03666 48478 08890 19781 78758 23125 51779 51127 63267 00869
98026 77734 11704 12929 72069 38448 76669 89184 32658 48786
19520 30242 26937 40045 49643 22562 59842 75064 47034 70094
46026 76590 47857 40858 36484 29174 97695 51889 37083 40541
02145 41018 61166 73374 29478 98889 83425 83441 45031 59687
87240 25008 82025 73967 22650 09477 78503 12084 17162 28181
35053 71591 06589 75282 73039 87112 78073 31695 97992 66068
72110 00000

11100 00000 96741 14073 01129

59473 83716 58488 21822 19390 04336 02593 26595 60513 76212
93194 35199 79050 34271 49318 39793 96023 59770 32997 04235
74159 58499 08988 06387 48151 05860 38954 52780 16748 01042
21057 20335 70091 97455 10900 04814 50740 01629 84752 80705
71833 57748 31001 02219 40814 60028 80755 00076 62154 60106
13557 53800 17527 61635 99123 44175 46855 19285 61059 15564
78676 84306 73480 02789 83259 63888 26491 02237 46919 86447
21436 91902 90950 90082 81885 30040 83640 76347 91271 87107
18769 96552 93130 90715 59068 62765 14870 88238 68047 00714
01022 56795 78641 86765 66892 15281 72110 36178 08569 18130
65630 34806 30207 35517 32013 31456 74546 49657 99995 33070
73110 00000

11100 00000 36852 14074 01129

71133 78961 62750 49879 76176 34589 54561 85390 76556 53229
44643 86125 61441 31674 46716 44486 86874 95237 87822 73002
77090 48071 78631 49604 19672 92709 29937 93867 15493 23548
38787 91392 69392 23929 92673 08523 32496 21534 65231 64580

32148 81759 01877 53804 50365 43771 18821 34192 36773 28920
63911 25415 66952 76211 12713 83007 82125 84507 98288 41013
71135 66164 98107 40273 80643 41771 26523 84547 64490 30699
06243 91660 08152 17134 17256 31843 89227 96286 46629 70479
59912 30467 87621 57434 62365 69705 61552 30141 12935 16616
60864 22658 16164 40184 36808 97863 94524 68169 80202 44982
44803 12804 68694 09637 57093 09486 78952 48596 57314 73143
74110 00000

11100 00000 14526 14075 01129
60151 50937 41118 29454 64179 57435 18968 13361 96358 78343
07439 94815 96296 27194 26719 12332 19429 70509 31063 20456
29867 60745 17304 51087 00752 06849 21359 14740 14324 43339
07406 65189 78885 83869 79424 75928 04843 70193 69792 01879
07021 52481 84610 24799 25431 61922 10465 05814 81689 61548
12294 93512 13259 86216 77058 61060 52722 07695 82902 70731
44248 85774 98486 89340 14466 91360 42187 02982 39908 12477
55843 04520 78239 79105 72746 52278 55422 67823 84549 23351
26047 72159 36797 09985 48981 49606 07751 32465 45540 81235
50203 66936 32371 04845 00970 11614 46224 07580 87742 39802
02810 88961 87998 13166 56924 30273 19636 53705 56032 31213
75110 00000

11100 00000 96857 14076 01129
56973 25047 41205 25283 08803 00588 48048 41035 74455 59295
73766 30431 24972 27138 77085 06509 97602 25603 16584 92901
39188 07332 22637 52290 92216 05141 36247 49341 53233 42849
56969 59046 58313 81376 67095 56419 75265 98510 24302 48466
07265 25824 39938 34389 37596 91144 85147 04940 70201 40033
92010 16885 45711 34705 41892 03489 37658 53828 58185 06984
58546 41639 45634 43943 30475 79806 43434 39505 00007 80501
84272 91377 01945 24076 76538 49569 01745 89825 51838 22783
71209 53247 45051 47400 77181 48239 99081 80003 87909 17681
11507 99377 26779 00829 65310 28910 28087 30971 10882 15348
74566 41762 91473 24834 21327 05698 29306 42172 35912 53150
76110 00000

18044/14973/11632 kHz, 16-11, 0900/0910/0920 UTC.

13952/11135 kHz, 16-11, 1240/1250 UTC

11100 00000 32548 15078 07129
34251 06839 49197 20526 11965 53811 64647 43578 70607 35721
76560 09410 03246 77155 79144 20372 53251 28052 62486 03930
18077 51336 94507 41169 85555 73158 15903 60251 94904 56671
52759 18242 39624 85271 76531 19753 54481 66259 66074 45851
53755 90839 51408 91639 12951 11410 43919 35988 11148 22075
82658 91812 76185 53317 51458 10368 99867 16765 46521 37984
15372 60998 99197 48671 54055 24324 83619 01050 23845 95465
63885 93032 76388 18097 60486 12699 55175 00162 40658 08791
41791 13917 62339 29287 42507 97635 26443 01473 82394 94906
17101 51951 99139 92473 34601 90039 53752 42537 50673 02976
00366 80479 40832 36381 82295 73926 73461 58413 46560 64103
60316 31052 94046 85402 98147 36947 07509 74122 56118 35270
24581 02299 88714 45011 48002 97569 78830 79152 10236 35016
40717 78158 34667 11913 37478 16216 60574 41324 92809 78674
24053 25487 01661 34108 12092 94916 69513 49447 31969 24172
34954 21612 63180 60216 55245 24086 84067 24321 59560 91876
90340 73429 99589 93282 47684 31943 52200 61918 45637 29848
53822 87433 44920 08131 71271 88357 35416 77410 38680 15508
46979 40741 15235 59411 80262 16501 43391 60159 49754 22325
12275 43140 56210 06006 55941 29098 30664 34306 41188 91934
17208 75618 24603 62707 86734 37410 83539 03259 98821 44393
50705 97907 53943 68348 07055 36646 03206 45552 12660 88277
07795 42741 80272 86935 65305 57538 21233 80418 45166 64302

18442 13771 00323 41318 06067 46572 47386 40268 60670 27337
32424 83939 33457 73490 24577 03076 78321 30353 04705 48336
55375 07550 41233 38291 14665 16317 70396 29382 89739 56116
23064 18796 55776 23999 65331 16193 31941 45169 45075 45207
32680 48176 61649 60685 97616 33163 00910 92566 54754 06634
02764 52379 96670 81146 53426 63261 74375 63401 19567 99453
38550 79129 66541 46211 82817 08249 27895 16051 68768 28700
18315 82294 37400 92424 07239 15829 36677 81892 95282 36028
19888 20651 60701 11771 94491 36303 68043 73496 26140 99366
56212 22235 27563 86457 48098 46536 87004 41216 48988 83262
15900 31431 25931 83156 20471 25793 85242 67132 26945 38710
90349 84228 15067 16633 87146 07162 39599 64314 29067 26409
44506 34456 19042 28766 99490 29163 10543 71320 13589 86658
34898 86761 05501 51688 47061 80985 35348 53054 07028 08919
27539 36709 39077 39500 39448 27866 36044 45767 55564 20541
00792 80968 11836 17973 42076 26654 79858 72369 66997 23678
65634 97395 37222 22044 02551 51863 81156 10535 43297 18043
79269 12075 80390 23045 64743 55737 50002 76702 06649 61364
98771 24403 67824 97710 18301 38284 54648 00066 77004 95264
00898 58284 04018 15310 52873 11166 04840 58408 47980 08120
13400 03659 03959 24049 10243 58936 60940 38396 61512 74556
43528 14293 58418 59384 35083 38733 61888 22819 81404 09730
82077 91096 65991 81375 47428 71346 24075 02750 42970 61838
87608 11620 22547 31861 78397 68851 24653 19663 91570 44495
46573 21902 36562 91452 56512 73031 27801 67695 48396 38069
42304 92940 69040 67179 86338 50752 72366 85511 38365 71978
80358 16731 60428 60474 55443 63672 95200 47058 13988 94569
90852 82616 35592 08280 20944 06311 47876 76954 91522 49818
91434 89588 52617 63552 94667 44886 56312 75779 13147 66876
28591 20596 13232 41726 47140 95687 04606 99178 42295 35804
51429 87061 63313 12904 16791 12289 77179 98891 20144 46823
92104 51888 12429 21995 22928 11982 98547 59654 40596 17380
61896 13572 72915 76912 70630 19527 48759 59826 70364 77528
02921 88788 92971 14606 83794 47065 36200 01595 31086 35786
93762 22372 15717 42252 40613 18966 59132 05211 03080 60984
74188 88042 68552 12794 94811 95797 14409 96897 86609 97016
60861 76931 55629 36271 77421 08735 97450 48367 97666 32923
53794 10145 21992 07398 68840 90818 13036 03244 62437 86779
13476 12436 62399 51817 40868 40800 63067 58685 39232 84667
02330 52952 92050 14661 74286 85077 26396 15042 19748 31643
62847 52061 61747 41684 90902 69758 78270 69061 74557 36633
29366 76794 17761 91635 80851 24317 44407 62908 91781 73569
72577 57725 57871 74885 87699 47052 28070 18593 44326 93180
36464 63285 51213 93860 16700 76678 19380 41376 91112 50013
77853 20001 51750 71922 86773 90269 75480 72717 02546 33503
40365 75009 74735 55024 35495 11631 79387 69503 81467 96766
18458 16872 03691 61252 40046 82236 25720 87969 59119 18235
74788 08273 83407 93275 16737 45394 74162 14088 62532 15756
78710 00000

18044/14973/11632 kHz, 17-11, 0900/0910/0920 UTC.

13952/11135 kHz, 17-11, 1240/1250 UTC

11100 00000 61945 16084 03429
10327 33891 00753 99431 35511 58460 56598 42376 62472 22732
66575 41905 41056 83907 31612 52245 65313 01871 74246 76685
79699 13911 31003 23216 25990 13065 62836 50490 41860 84752
57076 71308 47059 81406 19321 05817 78121 39776 78697 01586
57550 70591 54951 62785 08409 75284 60781 55617 50266 69441
37868 82215 37418 17689 50035 40185 25341 09683 81970 09972
76296 31910 16954 37254 40043 14966 92031 02542 70574 61021
54059 95170 64833 81138 65069 33876 34340 97151 30392 01136
45663 87771 47960 83474 90674 83631 02255 34907 72535 40931
51306 05719 18329 48394 80205 03763 54306 47202 19556 80462

04653 68618 52299 58714 99738 18962 57366 44865 04776 66635
63575 91964 04813 10902 12225 06476 07037 37069 51809 15621
46272 87803 13314 37573 04664 05238 39496 21654 81435 23563
66627 50750 73704 16806 82096 23112 54248 31460 06341 55747
57202 58676 72528 76576 07587 25683 02427 97543 55630 11142
01910 85879 01814 14107 24522 75687 23570 31287 76550 87058
39586 22308 62042 44884 72638 67629 91192 14572 96902 48846
00556 96834 80670 06024 58506 48758 60416 51783 54395 23318
07149 46807 94828 44546 70983 66457 55524 60528 14880 13200
62157 41418 73469 54507 98660 14661 97927 90951 66393 54616
72808 84145 42635 68749 15794 99242 11831 47609 96298 41679
68018 70749 33843 92829 11902 85800 62166 74288 90977 02875
69985 95444 56168 71487 54365 64047 33402 32187 47607 64445
33563 60077 03632 33194 49267 42426 54748 86709 11882 57540
74791 80661 07250 47099 09531 05790 73526 99129 60312 49843
29599 83818 31846 80306 07497 09337 80109 27623 87251 89880
21274 73595 57633 43101 87602 74643 51199 59112 41269 74614
27106 08277 82014 86833 00105 79945 09591 50080 39164 69338
26932 88177 84170 54762 94978 27878 54119 32344 75107 54744
45256 00476 20086 11702 42593 11147 99513 69955 93244 30368
70658 26956 15011 74854 30652 11110 38660 17175 10963 97905
07337 76539 00099 67160 81533 37423 05466 56069 23073 63204
90320 87733 56523 97014 46768 79874 31499 66985 90720 63404
34278 38066 89779 65551 22165 77622 59948 37220 79056 26989
84340 00000

11100 00000 46193 16085 03429
39547 78297 50438 41662 68388 70002 17831 79919 50813 61164
85518 61238 89278 00272 51966 33091 71914 56758 83267 95551
22103 37651 40115 54897 60266 65247 09952 03094 95044 01770
73976 71602 86059 31924 63707 32933 45448 39312 86782 48393
70346 37630 26683 85464 23531 42577 46074 53247 04375 95442
48441 29402 77343 74276 77722 77045 50175 53601 60606 75013
18980 98595 21204 09945 22397 04687 22763 03622 72040 18494
16125 73993 51392 01052 99604 53341 00342 19262 19990 11996
27557 76500 69331 61071 17876 18326 57231 32632 26908 74218
63299 60741 80023 21299 99479 11827 17930 80950 36919 37798
56015 84292 77084 50360 49651 67434 71800 39951 82639 82463
21896 87743 20988 35077 09159 44163 99207 84824 41278 72330
31322 68883 14456 79895 63760 35298 23389 87683 12344 96640
73300 08595 50533 40015 73703 35197 41137 54343 18600 59442
28664 60879 82784 72959 34510 57877 88955 21340 22156 15364
25308 10872 24585 80943 18309 91152 51086 82570 90333 62015
15638 39244 56848 78207 54069 15533 42834 50268 22174 80907
23146 65027 91967 59770 16464 74173 88276 83170 87566 24327
32851 78094 37581 27054 88180 55308 86909 92256 18208 81661
80525 73384 08120 47810 70312 97892 10410 67280 54142 81401
09402 67816 76391 48977 21414 60962 19550 11978 72754 00789
41649 73914 22736 67731 39168 63736 23903 38450 40118 20012
36649 27675 56990 74414 40413 12954 54257 07970 08653 78250
10106 78487 39770 37324 77104 42627 61182 22839 71476 21031
48722 52126 45675 79952 28566 05551 23955 27839 53858 78403
05607 50283 73240 92277 65563 31793 33453 76849 07059 37822
83211 58003 46015 55478 70542 13247 31865 16377 50760 80350
34485 50048 47271 30140 51926 41355 32409 39392 18637 90346
20467 24765 18862 98000 90130 23701 34897 26270 78486 33235
84907 05894 13809 42659 29973 90389 79295 20964 55065 79685
24951 45008 53633 61812 69804 79347 70497 46097 61645 43657
82724 86305 86460 28696 23182 17156 44776 46736 76452 52657
37075 27410 01804 19692 25482 94900 62895 25298 63915 87413
68908 81076 13869 04885 56788 33166 88039 95830 69297 71219
85340 00000

18044/14973/11632 kHz, 18-11, 0900/0910/0920 UTC.

13952/11135 kHz, 18-11, 1240/1250 UTC

11100 00000 37852 17088 03529

53159 53377 01653 80439 93866 45683 89344 61330 68573 61035
27813 25409 63559 88514 25924 09260 98046 80761 04462 79781
96343 83407 87073 07616 48747 08364 10437 36773 53408 11890
58362 73882 56341 63385 49509 45511 31763 15846 33396 96985
69954 13911 74405 31156 64825 00449 28465 10537 18379 07620
42084 71267 04255 43338 28449 22322 57540 09094 00254 28419
83042 10050 63957 00046 99202 43369 05153 39068 59844 75697
19735 13324 20935 45743 70566 58673 44565 52898 74305 31922
57314 17826 48106 63059 05200 25958 70870 80253 72396 89848
38730 06037 55915 91297 19461 48118 13421 89214 35514 33267
26387 04131 30334 57693 45770 15309 97680 52380 12386 31398
78617 86780 69186 20548 55867 59344 07614 10944 00217 48291
15229 97685 48655 21079 16790 16948 18954 25996 25984 73370
90337 14325 49984 31602 04974 66510 14029 07948 69943 20762
98207 23044 64388 27542 03641 01515 81517 78371 90244 29532
60174 82380 53259 06227 85633 89060 30741 49880 64326 80639
59194 44848 02179 82524 19539 40132 41250 65249 40591 35561
34366 36364 52261 16497 62414 45699 05637 23021 24018 52454
02153 64524 52247 27529 99026 15654 38081 89560 83158 54534
65284 98072 30668 29220 86406 52208 94267 63301 94571 68449
85649 36614 70769 35796 45092 01980 11309 71805 15446 23919
65143 27965 62709 50282 35747 17807 10379 52713 27224 66217
79742 96915 39345 03381 53332 28625 41202 51781 03699 86254
78158 79711 54710 76133 91787 19729 67557 71275 57493 75477
68649 19629 69482 65342 61600 72731 27803 76344 90476 70713
07104 26735 46505 44588 11838 60712 35425 21759 47559 23713
47674 45697 63042 91699 98590 45707 42868 52896 30825 17731
55203 65394 96144 02129 84434 39085 58823 69359 03351 15339
87796 49525 64574 42877 29773 66680 15904 73275 80500 63884
69284 24533 96347 29899 78068 86139 13421 63488 02269 64095
66377 36258 66489 89297 24141 39961 40212 37756 84688 29218
95144 36046 96122 95579 19300 50472 96184 33884 92498 83345
87421 86825 52995 24835 90185 78691 09895 33819 40644 74191
81063 46184 26011 23327 61210 33993 74157 78232 49839 63978
39818 92917 93747 28786 54556 41874 23758 49410 32690 18453
88350 00000

11100 00000 37459 17089 03529

72278 26831 19570 80138 77356 10250 08352 90217 97159 49161
66754 23220 76013 57065 96620 35119 02545 95919 76855 41022
30208 97521 64081 87193 81112 01394 75805 35662 12835 07608
48302 22368 52914 67992 86389 74789 30703 64150 47282 99969
61275 45738 25716 78895 61065 27429 32536 28163 99941 68010
83918 14862 19387 80043 43432 35624 71479 43534 84119 95767
58369 22033 62778 49474 76921 04627 23645 86944 98227 22239
73655 79457 36668 11687 96478 18282 88209 25927 97505 08371
42634 13937 96979 02780 99372 18652 13468 88744 41648 66417
04840 61355 48602 46373 58963 45770 50099 03227 51292 53895
53891 91827 11532 86481 99838 67014 66578 16563 20862 07138
51917 15185 15325 94722 08656 05352 60533 02689 08404 55137
22025 59581 73157 45890 38355 92239 82401 76477 86058 69345
84603 89496 54470 94289 55284 30404 85101 20791 68865 75484
55248 89701 76471 89607 10533 10454 06874 99712 76051 35562
32769 94946 00830 01629 69578 89399 15261 35302 98950 08382
06222 47601 34162 84167 39551 65064 69597 72151 84583 71148
81500 23353 20412 56320 72182 74204 28586 00279 74872 39562
01921 34737 61404 19879 24097 60221 19920 58471 99768 15294
94778 09829 39826 21672 05864 04886 31534 53649 89469 24210
48222 05283 27958 15041 78203 53760 60374 13105 77627 42406
91204 55160 76945 31747 39465 93202 95671 92085 95314 46258

45136 36013 76369 50730 23918 14300 00918 95194 35632 23607
20210 50632 83770 99450 77023 31981 23290 92847 82686 51999
73611 54110 29735 53332 22746 72184 82415 29749 77209 43011
12203 72475 37436 65317 70515 02556 03361 87288 15844 75200
39868 52563 37441 67028 56791 18971 42798 82168 83148 48474
01069 38141 40306 91725 59640 17463 43753 15705 76036 95913
88182 47848 32341 83397 95551 35128 24326 38342 30826 41505
42476 41569 15082 32203 87098 40575 90662 18228 84692 00161
18071 59591 97785 20346 09289 50651 45411 07502 27210 36027
76418 09652 05873 30511 62796 51866 71180 41430 05218 32685
66800 16880 67961 67530 14922 68276 85429 90009 66571 40665
07430 47080 21159 29215 75411 48992 19954 65347 46850 59959
43174 20931 09964 40484 65376 03975 55950 77281 48832 44269
89350 00000

18044/14973/11632 kHz, 19-11, 0900/0910/0920 UTC.

13952/11135 kHz, 19-11, 1240/1250 UTC

11100 00000 58239 17093 03529
01746 37205 28939 51029 59779 25894 47703 35034 98579 53148
47010 30637 91380 88236 63709 49605 09583 26027 36464 81910
61320 73572 07454 47994 71533 44225 61673 39021 01984 51451
64773 49811 34643 19544 85359 34123 66906 53416 12722 37005
92050 34665 05892 83870 63389 36090 34999 31007 65560 71861
00845 07196 41368 25512 43633 01131 47640 22959 76804 74331
38525 42721 06905 04221 99659 80543 25422 87082 81663 10594
83535 55550 06382 10429 85715 90352 44319 41929 63107 30970
86707 05361 12630 14914 60631 08786 12750 00305 60667 19981
51837 51433 95456 93068 30068 92005 72661 87039 20793 55745
70738 18361 02320 89047 70956 14852 96040 85374 48123 63015
71848 56073 43422 66014 06769 67308 67829 54484 07761 97796
09527 17361 34610 97025 43761 44912 83857 48651 68579 01177
19702 68761 14879 67966 62812 93684 04220 27658 72988 37038
52815 76924 86602 20709 45165 88624 94772 09437 25742 64012
73185 03704 82195 42477 99526 70616 18486 60985 19435 17455
41403 80413 46943 37593 08899 20970 10315 83462 13679 73883
79239 46261 00475 81546 34309 47083 40458 03306 64714 69165
11213 09085 05106 85931 55712 68023 47549 64527 18739 24331
89521 49528 84187 77520 03870 56515 61672 09244 41688 30196
95902 23877 04041 46770 97240 95079 43472 65212 16888 35485
81229 57177 15148 31731 51163 70202 96176 12006 06207 03894
07693 38306 48402 03795 29050 40582 68399 02615 96135 34973
05358 63511 36525 93301 63201 05105 13316 56039 44157 12925
01103 05903 85519 66965 42515 44292 10568 40048 58754 37741
29587 46661 12581 26581 51924 46989 47169 12995 95013 35793
49289 70655 01313 70848 10240 43130 99089 20620 82965 23250
67993 35864 58811 30612 95342 74836 12345 29423 34086 36813
87670 53859 98342 83590 24699 33137 57497 53661 48786 33466
14753 98760 72194 59100 81102 97456 80804 79650 80640 25481
04517 75850 48171 87483 94788 20975 05025 39908 57731 40088
24050 59656 16214 14305 19688 38252 99406 22268 24093 06171
83206 36016 35224 17044 29976 13431 47839 46402 01039 54460
03349 84664 40360 13290 19444 29052 52869 83671 85451 04112
25830 99567 34354 65547 66735 18332 27399 67030 56125 78582
93350 00000

11100 00000 69358 17094 03529
66832 52373 50120 41925 05590 18511 38163 46943 44820 36042
86144 55554 66834 18161 43205 04353 84078 49435 18890 49541
94913 83465 65151 45677 21136 49219 01804 41717 31916 89503
02631 80277 83860 80003 84313 11054 31870 02324 65389 54340
90482 69465 87409 75587 50399 27193 15497 56926 79867 79708
60482 76606 65618 13084 89810 32281 73041 14885 19407 69076
30284 13419 03684 98385 65963 85059 65881 18320 55187 03062

35928 71760 53548 26330 88009 02946 23808 51560 95026 98524
84939 77194 42141 24031 38213 52638 66590 91696 50035 11163
15954 20551 96199 09938 42071 74749 97259 25631 72788 91054
99698 79012 28724 31419 82588 86995 77240 21600 94422 65565
40816 61752 49818 32017 01992 19927 40761 79948 72090 44417
42094 25445 15895 55894 15931 47896 49471 05257 44681 73876
53315 08154 47376 77526 68031 92091 58988 95881 64709 17085
77415 82576 07199 55776 07842 48364 48467 43968 59138 61896
28221 37502 72008 09182 63994 36421 83556 35192 52872 62356
57969 16013 26051 00074 38001 35019 23418 39119 96943 61474
80334 76498 95772 55021 43820 66327 75159 44485 60315 27395
37035 54426 02208 44572 95382 77890 25328 25011 00970 18785
74578 95057 69682 52322 79901 48831 69169 76964 09764 84402
43464 56318 74347 88500 80292 74393 95639 55698 50735 52692
86596 53005 75951 02548 06587 65810 00631 11148 85283 86105
77873 84698 32203 28936 95188 97145 74082 88010 96288 17903
87262 66406 78372 17023 17295 43312 69585 71245 02927 62743
16342 19360 46683 55163 35203 40328 99207 27962 08982 52593
49561 85706 31786 58018 38674 66126 32669 78890 38122 02754
32579 61434 61419 50157 14302 44260 00032 32719 10075 15194
01267 02880 36569 04924 30261 19794 31915 90901 83230 84334
74475 09931 44174 91380 88036 02892 02231 85329 63116 40024
71861 29769 49073 00223 83052 27245 96698 02764 33728 50068
55997 14920 21554 68088 58814 83885 97326 84385 41027 66461
07131 14800 83965 54924 15449 72256 79768 22529 26426 41804
50338 37079 45455 57323 74615 15994 48291 15821 03824 21330
49865 90267 69400 18163 89997 26911 13292 44806 78190 37987
95289 68266 64694 25790 57118 23402 30023 99023 47934 59204
94350 00000

18044/14973/11632 kHz, 20-11, 0900/0910/0920 UTC.

13952/11135 kHz, 20-11, 1240/1250 UTC

F06a: [File 44498](#) (binary contents)

18044/14973/11632 kHz, 21-11, 0900/0910/0920 UTC.

13952/11135 kHz, 21-11, 1240/1250 UTC

11100 00000 14256 20008 03359
52971 31176 05607 56319 35434 47450 58240 33126 74276 48813
66314 07450 53834 77224 16074 67713 77237 28391 61322 34283
78027 03593 51300 42590 54527 75273 27404 70492 25398 58595
49694 14563 29831 06133 39130 44993 20805 67902 46453 93791
24840 83911 83678 55974 66704 01408 79120 08433 82491 34034
41884 76162 69513 05058 46773 00543 46458 41869 75543 89352
22225 13942 75443 53221 96897 31436 20974 58178 43280 46629
89807 49016 42438 25372 88812 23135 71681 80749 91104 59565
68423 86136 70075 32854 18361 09835 41327 66500 41404 38478
48459 05628 73799 81400 53641 13590 69881 73140 18899 22180
71890 16284 89073 90144 21296 31826 12369 49691 10060 09233
59437 45659 95275 73407 26940 97070 25632 10734 36512 35714
53121 21388 65084 01483 28447 90106 67476 99124 03554 92608
77228 46117 89728 79833 96581 66335 44703 07216 11561 09214
87199 01151 93089 99075 62352 79867 70082 44336 06452 70878
85442 61249 84430 92196 70913 91894 98559 89512 01704 21091
91751 46518 16850 21921 93950 10557 16228 84559 85010 00797
70166 08088 72522 91110 02596 59987 08021 84850 33669 32989
90005 23703 92793 53981 27214 97816 38005 24656 60588 49381
42639 98569 67372 86860 35211 24335 95774 52045 03467 09598
03631 07137 98524 85510 99510 34032 00055 76380 09710 63001
28432 04178 19545 72955 14801 82599 62415 30472 64980 80367
55049 59788 78160 58452 02378 60936 06324 10915 20482 18202
65319 64046 51040 66116 33537 13491 65713 05147 99124 04054
83910 84280 41663 81866 52381 92695 59267 73605 60043 27699
77021 72445 86518 31122 97709 35443 07788 11360 80761 22031

07416 93242 60365 28313 66779 62928 38669 96849 32737 00000
15028 06617 86178 13957 37217 72829 59888 27295 85553 11313
79167 72347 25875 47119 23639 94082 92288 72060 33691 76060
85660 80862 09981 31698 98748 40617 79446 28078 03946 73222
26253 34447 64549 55494 11129 12615 55510 66653 27504 91440
04587 37848 67919 92577 89847 83427 99110 99683 54465 18632
69233 88275 24719 93403 95646 58408 42177 96992 06707 37383
45958 13055 35997 08333 00000

11100 00000 78596 20009 03359
34734 38434 82348 83497 94724 91175 64597 60411 72371 68542
15745 30985 65742 69444 48188 21447 02141 86223 77813 57092
12410 69955 19246 82321 49877 18894 96836 59291 02360 32249
82301 99870 70669 96487 94953 10574 12071 96333 25486 55182
72103 67671 69208 64721 53233 34525 79710 49492 93750 97306
78860 92834 55364 64529 84096 31330 42916 45155 38937 51101
04677 43781 57652 54923 86627 25844 20036 79820 39199 45029
77206 69839 99876 50077 54385 33681 00136 13172 61584 41889
70113 47095 48141 43276 39490 03343 62039 05273 57986 68382
99949 07888 83930 00246 58935 45978 14335 72635 25748 19499
54905 18745 64669 16431 53435 91967 89815 18074 45012 85695
32858 81390 82486 79374 42087 78083 50616 03033 73765 95102
87357 37441 61700 26270 60712 92108 75979 09693 74578 28304
06803 90678 02049 19274 34347 14817 69580 64864 70607 80927
40489 02718 84147 08561 71189 83245 43695 99732 38632 00553
41528 99587 62368 96507 82574 85678 69679 80149 50181 40537
77211 29605 84477 87244 87550 68724 34273 92670 24180 35599
68425 68078 53251 85174 57625 21776 65604 93119 62523 43515
17491 53163 89142 25308 53415 85072 97519 48358 59549 95458
74495 90794 21145 58607 06613 35895 82394 09515 14046 85479
32164 66319 31501 08176 64048 24312 47030 77224 84176 88719
34691 77534 65206 38441 41988 86654 69959 37938 18049 59363
93102 39440 93441 70559 94356 42689 47609 96136 21627 04378
24825 36540 47523 14483 84626 12682 67694 81691 97663 88907
34413 95082 22882 02706 23858 54275 27006 05833 60522 85217
32235 46565 47183 83810 03102 47740 73885 54546 08432 60293
04358 36357 19332 96964 63312 32861 29157 75872 73061 89185
06387 28641 12883 82558 16342 52756 99585 18865 72698 12859
12691 52340 04714 20643 12697 70598 51119 48057 25831 12181
16606 53499 93756 08810 51851 25675 11648 69537 43010 74835
03088 48978 21625 26050 05221 66808 30879 94227 62590 70723
09132 45563 53112 60044 76685 75090 94610 12146 36701 55042
05359 78913 26223 33700 17059 45406 78230 89408 63708 67908
80664 69469 94772 09333 00000

18044/14973/11632 kHz, 22-11, 0900/0910/0920 UTC.

13952/11135 kHz, 22-11, 1240/1250 UTC

11100 00000 56971 21014 01129
47532 71925 85396 17132 57002 83849 88099 47135 94832 38906
27189 32996 33143 60170 05417 00366 34650 08473 38140 57061
68583 55707 88616 13293 30596 78161 03400 02384 65121 62054
08766 06675 13617 38463 54120 18278 37107 89834 13304 89389
86495 95274 79759 51843 19062 06779 16473 10579 84587 73619
46640 40737 29550 57063 95998 43047 92816 02603 22748 37200
91288 61899 96016 97910 18913 81623 08791 63325 07520 01367
36259 70496 22909 27836 75502 97584 94627 77496 27475 17490
02881 04861 07197 92600 71003 58613 93116 65334 36940 32746
51571 24174 02164 04916 97269 49877 81474 79177 75765 71549
02116 75316 78827 87269 25643 31939 28663 28948 90980 15525
14110 00000

11100 00000 41756 21015 01129
40238 64285 18012 67596 12787 12585 43441 95168 56565 80107

19429 43033 15900 78700 31251 42830 50235 86802 52237 41837
74161 43363 82087 38343 53018 19587 74361 62814 27497 35701
89058 84556 65685 14930 31234 48550 65988 91857 61588 72144
59373 17387 89970 56311 84359 27450 87719 91126 33206 67689
79804 60189 92722 91277 02671 73642 28156 72073 38763 84502
83568 00289 63635 67975 97166 52873 66599 68444 55008 55787
30845 43828 31519 80354 83970 61981 90269 40893 54865 28842
43445 85795 97867 52998 93433 99256 70157 76371 04997 55832
73296 25702 81429 95018 94879 64512 43167 08037 11206 50266
32276 54017 36940 26369 91250 47757 32668 03733 89575 86254
15110 00000

11100 00000 17284 21016 01129
82487 46962 39565 21343 87035 39601 48242 72104 77625 75975
44787 16004 41957 16626 17142 93894 65036 65279 52371 58270
70142 17400 98183 74597 94254 81107 86262 31737 08900 25143
90853 28632 22342 33574 21047 29452 24058 71929 70181 04385
57440 94441 70819 98255 31649 47093 28729 94169 08577 46150
34299 64361 25834 36873 74840 25437 41717 62087 96198 40198
13085 95310 87125 33237 42074 18113 84838 12490 52615 46402
25209 13930 82656 35331 86018 11597 03059 17493 96717 60145
99078 54117 13130 62098 75397 03929 80526 76996 70612 39385
33527 14630 92144 64951 06248 79538 07493 17119 51142 58968
52772 50850 89974 71478 44474 42138 45353 18369 05391 61359
16110 00000

11100 00000 48132 21017 01129
23244 08406 04619 83440 19952 07729 63644 08100 78313 11854
30918 02993 71864 07383 09051 04195 71108 72392 91232 66700
71194 58581 90720 05593 66570 08282 44639 08816 83544 61020
65538 88700 06696 29317 39139 64454 60071 48411 91710 92797
29097 29600 75518 88925 34163 71879 45763 04998 91797 11568
27474 58324 24373 14613 95776 26458 04296 41257 17974 51360
43594 37757 30886 19840 64863 34836 51878 12450 14491 57569
47020 38023 04104 76374 04806 96048 91179 53811 88888 34062
34754 66864 68247 92240 87159 09402 48234 52400 07743 04500
50940 33569 09488 81313 18316 01331 74490 96193 36479 83126
99214 02721 04656 06704 55470 00357 97185 03891 78057 16398
17110 00000

11100 00000 93247 21018 01129
49205 17436 18078 78239 86274 00022 48744 77957 05395 41135
96231 96767 65186 63247 94745 89943 38296 85921 98717 87722
41301 94066 17831 39185 97909 72702 84573 18751 15151 06653
46486 56197 77238 68633 00318 76156 86805 44141 10252 58022
08181 66608 77410 52204 92405 61244 52812 13664 88681 21003
10969 38679 71926 63121 26328 15765 41132 39662 19720 26690
68208 00494 67023 58535 02013 32150 87219 12719 57227 21013
52025 21933 42800 14237 84307 10932 09618 76877 37442 62097
22107 68640 72823 71733 83447 88700 77705 08021 69086 62023
90562 06566 48241 65627 26156 64486 98076 18229 17492 18970
40252 81698 16874 21242 54504 47777 23208 41885 48987 08476
18110 00000

11100 00000 62914 21019 01129
66144 21807 63364 97065 68598 33712 83082 06681 22102 79817
63867 48521 53975 18083 77333 64707 70119 29457 60413 75924
29010 56584 52688 86783 62272 75440 98255 13942 09026 35794
91844 35412 56185 31473 73850 84502 01906 86338 03992 36821
84365 66930 68254 63787 43055 57699 98839 51081 04791 59787
11774 05476 11608 99266 91890 98477 32745 55799 79861 20234
27894 47641 40963 42121 53905 33930 20269 11462 32144 20196
13962 26818 18673 78032 11439 67278 44455 14872 87907 74190

17766 54779 52160 08771 05998 16239 79206 34037 39051 97837
82461 94482 01483 07801 05171 91954 05630 98307 35761 81154
62863 90544 76800 33205 95177 01395 22266 40722 54304 07751
19110 00000

11100 00000 53174 21020 01129
35280 39307 40821 88433 17351 94468 58934 81830 55028 19014
76043 07150 19858 31104 60075 64652 91242 93247 26092 17216
96446 81096 24001 47658 90935 53894 34572 57555 46240 62529
53438 06008 37523 56123 67776 11781 48034 73084 55345 67261
32665 27577 60582 37677 07753 27342 27431 43993 59353 83791
93600 52950 87159 00338 75933 22660 26243 49877 01576 77213
13823 77369 64638 08721 93238 88455 13031 30236 72321 10049
95156 27999 78336 33830 21168 86428 76710 78603 18446 84306
45702 32421 86018 85592 24228 60441 77583 73304 75012 89443
67838 99903 30260 04944 81791 52623 12037 21838 91756 57164
44545 14528 11707 68229 00478 17449 43678 20287 48644 31949
20110 00000

18044/14973/11632 kHz, 23-11, 0900/0910/0920 UTC.

13952/11135 kHz, 23-11, 1240/1250 UTC

11100 00000 16287 22022 07129
29796 58847 81406 21173 82121 58816 33810 50177 83097 48441
30554 01528 00546 51956 93476 62700 38330 96086 68187 96681
61063 27300 79092 60831 07181 70959 93891 73114 38841 74547
08482 80376 02075 02177 88213 08369 95623 72537 26429 98185
71917 57509 06221 58828 18602 83587 76357 90556 94086 03343
77300 58740 15527 29079 78259 22877 22678 45889 11219 50484
66082 46292 12875 70528 92991 53644 10422 46103 29498 26495
12121 71030 82278 61102 88594 20071 08418 34273 55775 07443
26729 53718 95460 33318 69017 08124 74399 23009 94721 34112
47843 88504 17372 42285 58524 67062 16306 69536 66963 16543
32070 49825 74076 72165 68954 20586 21998 94374 53087 06978
84060 62515 19546 51153 79882 93988 26895 78728 76484 93588
22614 19649 61371 62698 07835 25647 98543 23042 74836 51454
03335 34665 15733 91980 97049 12858 25780 92635 27317 73669
49765 74981 65107 62745 44886 44905 14343 47135 58579 75499
95048 74788 44722 81833 85969 31405 66657 29814 37608 49343
60466 46307 91593 48261 56936 22723 67354 12187 85653 29242
02002 32700 09671 81874 54373 72915 64166 29542 09181 31955
97555 53357 42189 14595 38477 95312 32369 35773 37091 58534
31955 14656 54140 46321 30360 37933 96196 32129 72871 97044
20536 77706 20063 29021 58084 41561 58876 15621 27860 44942
01298 20458 41370 87533 31567 68805 20368 30043 87860 99765
76445 85867 89384 45481 25865 89031 44819 17096 38092 30587
03041 02137 41450 80645 32073 03003 34348 38258 37198 71269
75507 76299 54159 17464 51631 73572 78403 01033 45951 51297
16300 30157 56096 56185 69260 26133 34710 57288 86713 31979
51261 48796 48865 69978 98480 75985 65170 77825 91869 26494
99483 78080 35710 54120 57790 60609 54010 27332 99482 82698
09842 19657 58104 16535 61480 84173 82506 98737 28809 79252
34354 61623 68408 37772 02911 50901 80776 96965 23053 59483
98116 31109 07439 32088 26129 54221 28782 20340 38241 84979
13152 93038 45719 91020 30254 31299 92097 54829 91612 63234
45356 28398 92610 17880 86297 68838 59307 03047 16547 72138
85980 36783 34619 47258 74332 87137 53492 97733 10286 99914
58121 02999 39322 19102 26326 16595 26291 29662 61509 23463
10627 77374 10608 23512 92914 45415 65757 33634 13744 92368
73066 25369 10779 81341 96971 40408 64996 54884 13589 51100
72015 35406 31508 58183 99464 55746 43466 42901 16322 49649
97340 15698 05164 56721 39886 28694 93263 21708 31677 44109
63474 92635 56669 75834 30833 47590 94828 46336 95824 04801
91268 26075 10248 95697 40323 47641 16614 05655 08007 11773

47012 12097 41278 27468 92397 74652 37571 53355 78215 57048
73009 32528 07316 85425 12754 38025 56092 72774 51908 71134
34773 64169 60445 79727 47823 82486 30552 88789 15367 79302
49875 60356 41592 20656 49071 25021 41066 62357 97107 52219
58890 94538 42770 51465 45646 60130 25780 21742 73067 76949
05993 91207 01363 18085 84094 14437 34143 30282 12239 19363
21884 94991 18065 21111 99855 61788 90531 44917 71470 08836
01005 25323 72970 10095 58036 73810 80405 13957 19271 32100
44832 62983 08925 53270 66672 09455 14256 77897 45171 06407
59494 97403 63886 78833 80629 21805 98156 04769 49535 94029
55473 60902 20832 18015 84702 12446 99948 92762 15098 51920
55813 69527 11024 16557 26609 74352 53348 39000 92030 63113
83434 10993 10489 01271 70660 64751 44686 85524 89412 01685
24018 49542 16499 23184 17220 20959 84895 43130 13709 21835
54789 86850 37054 29763 87839 06166 39015 41795 35596 65252
47582 08402 78023 76989 67456 29632 73051 94480 56413 30665
03104 87437 25980 58953 29536 58118 39865 70126 90917 76503
08583 94854 06108 39390 03703 03860 68041 83114 40173 13253
39185 04558 00136 97395 84588 70154 96692 01470 03470 17569
01053 70934 45272 79737 81482 40073 21134 85958 27524 46806
46704 19729 57897 65959 77244 37994 35534 78181 20953 81521
38176 16690 41446 31074 57979 59035 85344 89060 28559 56078
95888 91378 02910 15354 98523 79110 30651 81023 69406 84767
08017 77595 22750 12785 99043 09599 77953 18928 51382 34407
92460 18320 55181 50387 71274 76770 18467 67577 89069 65090
57474 53064 85840 81082 25349 68256 22025 68893 27671 40240
04029 90422 98225 34407 16113 28464 33474 20537 19549 26272
09146 49524 05013 93250 27405 82934 09126 31431 68008 42590
31101 62442 41923 72348 10425 59665 70801 29289 51506 15237
40793 46470 06239 96612 04096 34465 50413 72366 26703 13850
22710 00000

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13952/11135 kHz, 24-11, 1240/1250 UTC

11100 00000 95863 23028 03429
40162 23325 82316 44746 77189 80554 26498 43622 00390 35474
69809 74348 77877 07339 76955 77599 73847 96202 18591 33590
99009 78837 69662 47489 06436 31698 42989 11111 68744 60630
56548 33058 97579 42003 57877 54514 91314 04951 54052 92863
21903 09421 20664 80333 96841 99706 88237 89840 57160 38158
29534 65237 97385 48754 96159 98134 18419 25227 77941 18496
49252 83422 83483 91189 98484 62591 65356 35687 21545 05286
38352 11085 14586 70564 64248 33660 70970 60184 01502 19118
61298 62462 43335 66745 22896 43505 92628 27642 69729 40494
47073 24218 58650 36698 93009 13154 72943 22920 31400 09004
09080 75052 84365 10628 77645 02440 55726 97645 54355 46721
43981 89099 42109 35851 31175 81509 30021 22991 96069 08509
60355 64939 25079 89250 39308 19810 19392 57775 52583 68631
21721 90517 71681 90558 11124 74145 61851 46392 39323 80921
27645 50074 06972 43770 57002 32873 03294 48239 49804 29922
57542 83544 41848 43812 75715 19880 60160 64923 60956 04193
70597 53179 41090 91593 03672 10922 51719 54605 69533 01578
48329 37430 98056 93816 45834 47422 64949 35890 08997 00955
89848 89825 42173 65872 17320 80178 51803 67706 16700 37016
80095 51856 61736 37832 33344 18907 75937 78074 53307 75284
54588 24968 05094 66426 99365 34332 79987 84662 26485 35074
36651 68990 34323 11037 29149 38927 41445 34913 95223 29640
30987 33878 03260 20529 62318 91668 81379 74449 35928 16758
77107 29776 22470 31344 21032 12479 91911 60817 92916 60412
03708 28411 13685 76990 43957 84707 11719 56456 20463 26706
36923 47906 51642 86114 20966 50287 10221 91581 07159 55523
07654 34531 98399 81983 30199 93303 96618 65468 62595 95282
32169 99901 60275 21700 06590 44915 56043 84799 97194 42520

12174 32058 96907 10042 53847 57138 87790 01519 44885 22274
71703 54742 91688 21760 06528 66121 86355 41252 21394 60586
24884 92548 09352 48675 61411 28551 20921 88034 84437 68086
06951 91490 25939 85283 84247 48894 39349 43180 22375 54925
07315 76264 75099 60033 65170 51627 04897 86721 51086 63411
73956 78339 18802 40250 00137 72591 73900 70388 01294 16933
28340 00000

11100 00000 56398 23029 03429
47084 68388 14174 83107 71199 70681 97804 79953 38241 66732
16140 31485 42321 55096 76979 26764 54124 91026 40740 63661
16872 35050 07100 00795 99813 89142 39625 99426 01412 81439
33072 78722 19435 85419 53054 32843 30122 84500 02762 83274
43621 17975 96412 64863 27887 69241 44142 68971 18219 82253
77989 92200 54631 17125 73696 64121 14251 80838 47995 52441
30907 93990 36061 69056 19130 79500 78842 25413 44726 84241
74927 10631 09118 69505 76663 90806 39650 31270 35189 52960
03034 36168 24087 42036 84125 84138 96338 64415 97220 33657
54261 56362 22066 50511 37122 40861 81751 66048 56124 21256
04695 55830 31430 85153 37892 74633 10932 17016 03624 08746
75448 42877 16811 31469 60028 55636 05194 72799 46060 94341
99542 39187 03870 75925 86060 44349 90490 02819 38196 37043
32301 94870 70027 36754 47206 19039 78417 13229 86071 15257
66134 70798 98063 41934 63100 23418 49618 89531 87992 71374
51706 35625 17345 15580 75081 39926 54371 70414 58215 02668
14672 61027 37583 34819 71032 16064 55009 13544 24483 91723
21748 21356 93818 88117 43988 92403 40768 43839 39475 14315
72985 19697 99932 59056 92071 07552 78967 41223 78792 25177
10157 27215 32701 83105 84997 43726 08334 34372 45403 58988
15185 43115 70438 35205 73628 32958 61989 75620 43991 01117
59031 14642 70953 09160 35211 24484 10478 86377 59411 36737
31432 06675 23989 02326 09115 24946 70381 38279 52866 83854
66763 34754 34937 26960 17435 20756 12827 79135 08648 11983
62258 80201 20530 89231 62987 82720 59825 80823 04632 49897
93110 47453 04709 14502 85196 92929 56061 84777 72383 49226
45877 08248 25279 09286 13463 29380 80839 06025 38989 02029
48354 60951 80373 42603 19027 50864 00490 34897 33868 66050
51913 22513 89574 58418 11354 49820 87077 03019 80998 37393
52467 21380 98925 02854 84951 40092 25798 63057 11568 83087
00005 78577 53313 21049 78449 26397 32390 26384 05179 11772
75248 07203 75015 55188 91123 18739 84413 15350 30745 75646
86696 34148 54906 13616 93885 14534 67595 73741 92293 67238
93347 08085 64072 87285 03544 29861 31915 46218 21303 56695
29340 00000

18044/14973/11632 kHz, 25-11, 0900/0910/0920 UTC.

13952/11135 kHz, 25-11, 1240/1250 UTC

11100 00000 57823 24032 03529
31127 44337 34713 00323 82593 17915 03654 49405 45515 98107
22663 85366 83304 44039 72687 14566 10923 21407 11679 49109
75609 74886 80383 54512 88887 56891 89851 06030 02019 73601
95389 77134 42104 34236 86610 08551 51021 14466 48299 31295
94378 69939 71749 42160 32671 60831 21297 55074 71843 73375
85696 76776 35420 49297 69062 80254 25419 59102 01041 74362
64207 80141 70911 93072 34520 65411 15302 52796 59792 13999
14200 51204 92023 79138 74958 05990 99342 74792 08971 57010
70471 66713 30716 80249 78267 58910 33850 87026 69538 11468
24036 06902 73309 50641 13201 77708 44740 57187 04906 91153
86871 43845 25515 67419 17393 57919 80860 57212 72612 69893
43067 94678 65827 34024 97261 49654 42274 31839 02811 52648
97847 34482 48816 91037 53774 44852 08524 99876 04441 05450
22352 95776 80539 82898 64214 27293 94743 65058 70840 40250
62088 31669 38762 81446 12246 84475 18670 89175 35875 47757

61819 44001 32256 75205 98170 78224 50367 24092 50961 67476
40612 82647 17385 52885 59385 61616 70080 67237 93641 85895
59095 63588 97690 47216 19039 69743 59371 03797 11092 17066
37817 37903 54565 17032 39989 07257 27703 83974 28161 51237
42403 27467 75556 37791 22561 62759 12314 62016 40707 12730
28969 32332 92633 99770 29650 05196 14698 51059 52163 54282
73489 65635 97161 85077 82551 16746 33583 30821 25828 87867
72546 90730 92555 65872 26889 96455 53249 39742 98541 17681
31505 78307 60917 42833 51278 85408 28511 95829 64348 55949
30892 74785 87638 81258 33280 23643 05090 77212 70887 72641
13775 33543 89222 08576 18935 07777 07536 60777 07630 12241
47597 13754 55691 67573 94992 82425 47662 21173 85130 10902
14415 54030 31142 80724 18125 24373 35858 39524 39308 21567
55063 86026 45584 28704 04204 72336 46872 17329 25738 09454
66697 22722 59321 86941 84300 73188 82012 42697 27234 71796
10679 43759 19132 53981 83808 64078 12349 69478 64892 70210
60144 62001 34584 50848 08108 45115 63814 51143 09508 97739
85046 97746 94256 27717 03869 25513 46177 76881 18107 41802
68251 66076 36637 89312 40549 03545 15100 93390 00524 05137
50694 04751 00352 99773 03239 73539 21012 18604 34694 15686
32350 00000

11100 00000 32145 24033 03529
19231 94789 08933 67651 57629 96313 92999 14276 42430 79774
12958 54192 76910 98058 90732 59498 08940 02407 16971 30672
52118 91843 16956 19883 71069 83415 20520 74316 66838 82910
34403 91713 23321 60750 40490 05301 00663 62761 68361 40299
86573 10475 15602 09212 41487 70684 14293 38058 98505 98916
67147 40759 04069 86524 01696 83855 10281 66069 15987 08737
54833 54708 14226 03589 89472 40237 55790 42229 42926 39517
66063 32025 29249 83933 82526 38080 37517 11610 34530 75884
63798 71032 80209 89597 71357 65798 48953 58177 90010 95162
62887 96515 90584 70068 35788 43791 95406 09361 72886 56208
10773 45855 19980 46325 92319 96965 35303 36147 79244 79563
82585 16177 58320 73769 68744 27614 43618 65347 74636 09878
82902 21415 52322 80660 26617 79126 87261 40678 20409 52043
48896 20322 07123 83863 78047 10386 49210 04196 84562 44074
07480 66086 53660 22451 37138 69957 84399 00548 87050 03665
08714 76298 13164 53358 64456 49488 42022 64827 20880 42919
45325 60022 79999 02965 11454 38441 02266 21705 24909 18065
30001 47835 89591 95531 07022 78529 56880 30239 17885 49452
44416 82057 95213 65092 56562 57340 68514 36629 42450 42932
52940 19497 52565 32846 01437 67846 79809 77302 68696 48091
95965 08823 60376 78716 19515 25064 65995 88553 75737 33069
98974 10692 35039 84642 92231 54226 40431 57516 22785 21026
60116 62012 63800 59704 26102 77874 87512 73987 44795 50970
67464 27668 90493 04535 53506 13318 17744 44662 17972 76971
53463 64714 96503 15943 54804 78352 71922 91978 43663 35857
74620 26935 53797 03451 97882 73148 51470 10282 51593 75721
15577 92782 02758 68869 88168 91076 76274 73550 31336 77115
14405 88547 51373 19255 18369 92195 76160 12931 20504 96941
96714 32147 60432 23923 08832 81445 63669 89750 15767 53052
46109 22695 77886 18890 92823 50444 20228 12137 84625 26639
33914 78028 70809 88357 32346 98581 11533 61753 48120 20933
38258 58019 81605 43979 05699 26870 37123 43005 33709 59740
07652 36986 62550 59865 94014 28254 69976 21452 69471 69218
23566 85119 25660 35816 66761 61789 60823 12400 62016 42230
96255 17728 39527 34426 31982 67622 49579 59707 71346 79523
33500 00000

18044/14973/11632 kHz, 26-11, 0900/0910/0920 UTC.

13952/11135 kHz, 26-11, 1240/1250 UTC

11100 00000 83412 24037 03529

44767 81734 29963 04277 47895 82126 38396 92388 86045 00176
61889 59998 94244 89109 32092 67867 63887 18771 37544 30360
00057 55955 94131 11446 20344 52272 53135 08714 93614 31709
07815 30042 42150 95096 84469 92642 55604 83653 28906 99156
90217 68794 24252 70481 51723 60406 01065 40027 85376 50756
25645 39091 21555 36246 77530 28022 50365 84172 52070 52885
23683 36705 49046 32290 08078 69249 33262 04098 37057 45402
78041 86659 36052 35665 27578 34311 18611 92128 39062 91783
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21649 07946 00168 76807 21856 02373 36453 64818 24044 69978
87760 37680 19481 50364 43494 74314 37324 37052 84899 24196
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50152 34359 03733 62135 86059 61465 23499 14092 71139 11677

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58634 89474 45760 19174 79016 31268 28652 75824 36015 98960
50446 50553 84052 39153 91571 57689 30693 44232 61794 60195
36417 19994 82067 97680 48479 23678 18442 74685 36029 08342
47703 07641 18701 34527 59447 53965 05836 35142 24257 71731
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34514 21640 03976 14919 19691 87513 39824 59276 30632 05875
39244 41241 98657 06438 91416 84711 08274 11813 84748 83565
63013 85443 40345 37731 09578 71057 02991 76870 99958 22053
81844 32587 96247 44269 58021 45108 47797 00565 01266 15378
95444 50661 62890 38502 82462 24666 37167 79471 76942 53738
38350 00000

18044/14973/11632 kHz, 27-11, 0900/0910/0920 UTC.

13952/11135 kHz, 27-11, 1240/1250 UTC

F06a: [File 44442](#) (binary contents)

18044/14973/11632 kHz, 28-11, 0900/0910/0920 UTC.

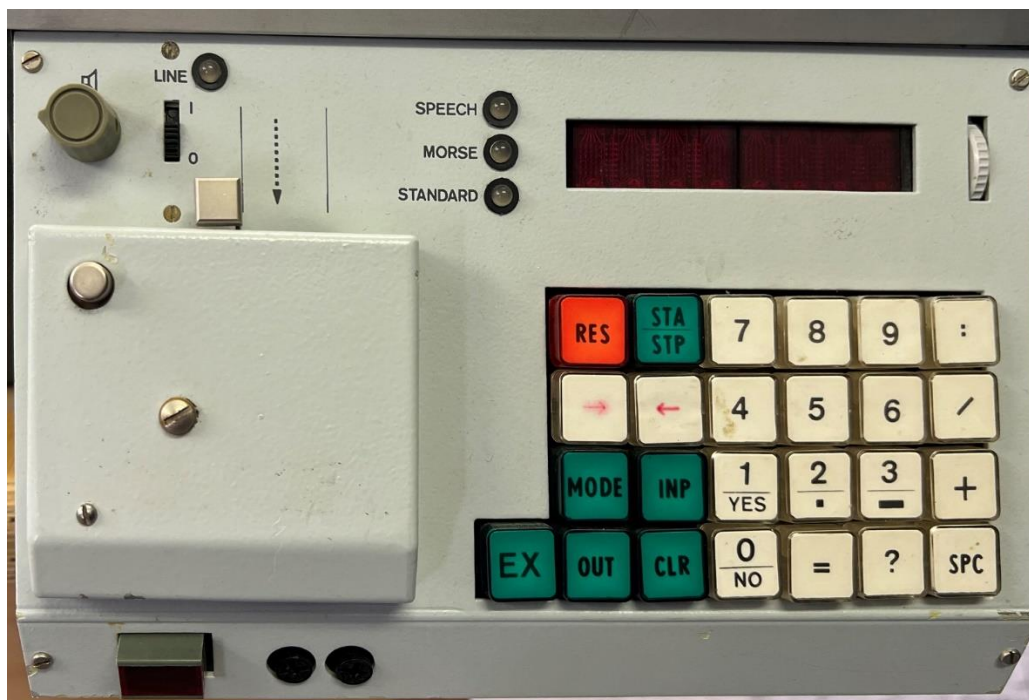
13952/11135 kHz, 28-11, 1240/1250 UTC

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90573 40490 44984 23768 33065 50501 87791 26464 14366 18680
49844 06492 83135 04801 87410 07167 40885 16100 10091 18570
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95310 15152 86895 94936 39988 05611 41250 10514 04387 97579
37971 13569 92201 75812 07252 62170 04294 72226 21737 59847
34851 15456 88045 31954 46945 77376 23155 26346 69668 27546
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70780 51768 47354 89397 99510 71161 67858 33730 50819 78950
78195 18052 14025 95056 19545 31147 22481 08376 22108 27613
42109 88248 06200 52067 86221 27279 40081 47060 48784 76430
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52986 41636 93876 72811 45031 63329 13106 39854 20192 66112
98147 01852 19882 41892 07730 23414 97015 79531 82636 65754
19153 99321 11786 85848 08064 69569 08963 88824 45417 53765
42375 44508 99260 61747 84233 04064 50989 03309 72538 77682
27499 67681 02259 59225 68191 77340 88093 08791 81537 89564
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65438 43490 77920 00941 45395 14560 20460 03392 75468 99241
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16444 20259 98670 05211 24306 46709 93075 20343 77114 04590
92214 67343 81852 42862 86083 97155 72992 07693 49526 79089

47548 11462 56045 13632 47877 40547 85457 14500 90682 94065
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 27215 07492 99186 16841 64233 37844 19332 69942 43854 67743
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 25830 62824 58117 77830 75764 02922 54391 56387 45789 95802
 15309 57116 98000 39040 39159 98581 35834 77903 67796 42573
 05811 07870 67936 44321 67360 17463 14106 11010 04138 38613
 09197 48284 75293 96726 03549 99422 30107 77643 98511 06883
 34456 53685 45407 50891 82520 35963 75852 44778 92190 45154
 24357 91730 07600 17914 29147 32662 57220 91119 22152 39887
 40973 31142 44082 36274 44767 00315 45551 44587 05925 77805
 60159 96677 77922 77061 60499 57237 67883 27036 33000 41782
 45262 09356 32559 33570 45162 68650 02900 29120 14714 38200
 73584 67045 75957 48111 69631 19865 03674 08195 94657 53496
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 82660 37385 71500 40269 78718 87171 51398 12068 86641 08439
 51059 02296 23861 57269 70505 84090 96182 38254 85496 75286
 62965 74137 14512 67091 49272 10328 60059 24353 15932 08959
 97723 24588 23454 12188 11420 27971 50715 79427 98268 95469
 54385 28173 91538 97309 79999 33153 75093 78958 60638 63451
 87781 76820 64134 52333 00000



Speech and morse generator, used by numbers stations

18044/14973/11632 kHz, 29-11, 0900/0910/0920 UTC.

13952/11135 kHz, 29-11, 1240/1250 UTC

11100 00000 32574 28057 01129
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 93009 30857 84133 38021 06529 77153 59416 84914 50723 33406
 50170 51664 77017 65785 07535 70413 03327 24884 64524 81490
 82633 07330 37845 11284 36112 40154 43497 18963 30487 86356

18322 72988 04324 95089 64699 43340 72931 44915 60575 20411
66558 53567 02010 96487 81590 52648 70433 70782 49411 50712
41792 63925 52632 33160 79782 52868 43374 72387 80350 62141
43287 46630 59649 72389 29988 90933 02644 32136 39625 28688
14540 83705 40234 57170 42244 39237 55581 85524 58021 67746
44190 48626 22551 79147 63224 45258 69563 16191 71923 74040
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48098 34091 01119 86354 11866 05339 73618 01142 02236 14257
78072 95290 95163 03788 19988 25316 93119 60762 80967 11406
32966 24055 03197 78631 85728 52196 71301 84963 90458 61409
46254 09550 89353 69984 31014 99680 56344 09950 72596 99886
36318 91947 30258 11596 37179 34291 64475 56805 41931 92102
26423 44184 32958 47493 52612 61060 45707 46718 94410 39725
93949 95236 37095 71488 33816 46621 88157 66923 58783 46255
39525 85748 42806 15749 33406 84768 73785 89017 86419 57319
44554 35956 51732 62659 93565 34652 23856 68736 12484 78067
15816 56768 62850 26131 63370 61086 69022 39183 35964 42659
58110 00000

11100 00000 65412 28059 01129
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26112 08085 27377 32444 33061 98811 97156 43230 02184 49196
16977 02014 95599 19125 07722 95520 33431 16704 22398 26161
89622 96104 29112 95668 53873 85980 46876 52897 14373 21875
01443 41715 41019 81087 93335 09931 73815 43401 95280 65201
46136 26141 21224 88840 97529 66979 34105 43479 55777 52930
84601 35510 92860 18981 98013 18258 84554 64782 51475 46804
28315 62845 08691 20416 99158 56681 04382 73502 48213 72319
95614 01052 73637 91636 22228 29473 18586 60950 43517 68788
75915 33295 43377 07109 04321 67830 21096 33332 85570 34814
09978 99002 77563 99584 90978 55270 42853 83976 93559 25879
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11100 00000 15478 28060 01129
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05243 16938 79871 97253 24699 24479 60584 74337 70188 14694
37525 48433 87938 41262 66769 13285 88437 40478 24095 94328
06651 01113 98059 32866 16642 06254 42952 69554 42774 58060
46290 00655 34676 21353 90559 05461 98170 47002 13874 68366
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22276 91767 35652 50807 98235 83612 26505 20135 04859 40003
41522 44056 86130 42066 67376 36088 85380 60237 00167 71326
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11100 00000 38195 28061 01129
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49044 60257 12431 61786 15656 68833 20685 68886 75132 60220
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34017 10438 06987 38281 43955 75694 62970 25976 17692 02632
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11100 00000 58492 28062 01129
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89221 58374 45219 16992 49386 32834 51629 49204 59194 65363
30434 17677 42059 23483 46554 58608 11945 16934 23282 36386
05419 76676 31022 56036 87629 03520 24174 16391 61889 34807
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38896 52051 75866 60271 09533 20087 59357 39481 40453 79416
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19675 19934 58572 06963 92316 98108 57374 06146 41711 50677
39122 63992 49445 46590 28623 79817 63425 57086 15633 45241
30994 40056 70447 90918 76301 45607 65454 63046 26584 66252
62110 00000

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41875 39774 30146 17559 13265 14428 05511 72732 20238 01591
86686 24837 09068 73123 10486 20515 00839 48792 22399 95488
90545 60473 41354 17132 53699 53954 12473 66980 52641 89267
52495 86624 59761 25500 17575 35423 39787 01012 48121 33459
58348 45002 70377 88198 08998 81360 59430 28270 75874 10740
93327 92816 74201 81792 53001 49850 35803 87501 47674 42042
31828 47545 70444 83399 49865 62640 13737 55254 67645 51789
99297 75007 90510 08379 02435 36067 44843 36062 75178 42405
44629 50364 98056 86197 73370 56947 15177 41950 48501 42473
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18044/14973/11632 kHz, 30-11, 0900/0910/0920 UTC.

13952/11135 kHz, 30-11, 1240/1250 UTC

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77940 00651 78190 80668 66210 80878 20111 26112 32292 03972
90689 13073 29906 68484 07478 28205 61824 10812 40127 33123
77888 64025 48299 72696 10232 02735 49752 34222 62900 59933
48286 05917 98047 26741 76243 08163 85910 71009 31247 95935
10729 35696 11859 55878 49822 02978 81861 46422 67989 35010
17832 54429 94432 27293 19704 66764 74388 35569 89016 80249
12649 62191 04513 98436 51168 12912 49795 88634 47941 59999
72719 97618 49335 72663 81216 49485 73063 00684 05220 74057
44001 22212 79401 39303 50006 91661 26395 86190 09964 48639
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82027 33971 62631 59174 75687 90251 63153 53355 84434 23114
72606 23892 41263 66936 84932 25720 21989 81531 77881 16021
29689 43106 11567 65744 46043 69695 99378 32942 91746 92005
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64047 08342 61892 22770 81492 15265 52333 40719 33073 47868
16486 05364 66609 21692 89260 52258 39918 01089 43756 78614
72638 27093 74387 77676 11822 14151 24249 94279 03492 76619
61397 25036 87331 71003 33757 11595 56717 64842 57321 00401
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94607 02461 73407 06587 89945 45133 93541 25414 96222 44171
61659 03969 45551 07081 25026 02298 31695 45337 29279 64874
33432 09930 89880 46611 88396 79338 25775 49921 22104 23400
72444 58742 61834 91481 16551 80474 90070 98415 19338 31764
17173 06622 20999 29077 77977 27854 43182 69986 82012 93027
31832 16130 72009 63531 07553 13758 70409 82499 15671 12821
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93828 37757 67342 70941 22212 44494 08224 26854 36951 82234
58065 86353 08855 28535 97205 88900 99072 83356 71515 69195

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61653 68401 59073 76684 09089 33201 91008 25170 41148 69676
94406 47965 87563 81053 33231 79025 63797 48032 02948 30521
79894 41816 39429 56113 50612 43490 59601 72914 99002 30685
38506 65592 70634 17464 52490 21026 00662 58368 43184 66971
00894 52563 81973 13174 59086 09017 39651 18348 67620 58652
90921 31484 23763 24408 08465 80902 68705 85150 26238 09502
57541 94368 76697 79637 77413 39589 31637 96062 55966 53459
01331 20376 27342 12417 71660 75408 47864 83904 83913 62996
78632 08053 86957 43556 77182 24770 16451 50930 65431 82189
80804 40911 66070 87391 58558 96901 24602 85352 36880 41138
59218 77057 45859 24920 05685 12703 68288 96277 49443 20939
29629 68522 62105 60088 97829 38112 84524 02265 47701 25266
23642 86352 69528 35782 55288 00757 26609 67469 50130 81889
91403 09658 64946 39306 14987 09206 66427 43446 09493 01452
79679 36903 48221 29545 78622 55176 13126 00588 60474 67818
44341 52043 71497 75948 71449 26819 76209 27032 31176 80490
87235 32899 01198 69091 97991 01913 04749 90897 85388 21237
65719 80666 74741 50146 18925 79741 84079 10297 05246 30485
90028 83918 06311 68455 82471 55847 98421 10785 00159 60344
30404 64174 64472 18642 55071 00968 53509 78144 68989 76720
83697 89227 40228 87716 91112 80576 28790 91854 29686 18993
29403 41364 28499 64615 91361 00762 75351 57482 95110 48508
18776 96385 90246 85793 05703 95942 24643 00881 96963 32834
19367 62463 27799 17131 69090 40461 05588 49666 72676 77688
61961 51369 23621 60850 01508 75522 15058 64279 14237 38850
38993 64879 44009 32408 84470 51683 30106 98186 64341 78485
64134 82375 25350 32978 29446 01226 21192 20822 15272 80450
53257 88109 22740 54094 08737 30630 04990 33813 50774 63392
08539 84506 40361 48851 08124 67228 94654 07243 52172 35324
11413 57502 61113 94725 14223 62176 45708 64350 98227 74783
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34707 12391 10260 27054 74259 81493 73703 40067 49077 58131
38674 19063 40841 31246 27601 39736 20776 95718 83609 36338
28289 64273 23811 36881 90707 84952 20422 37489 38829 37594
76910 51859 97952 07754 91340 96754 59090 61502 24118 99464
60039 69539 12310 38185 31005 54063 97747 51236 84466 56832
61070 76072 53960 51853 78925 04013 11482 51135 46497 61628
65710 00000

18039/14904/11547 kHz, 1000/1010/1020 UTC
12111/10532/9043 kHz, 1320/1340/1350 UTC

18039/14904/11547 kHz, 07-11/09-11, 1000/1010/1020 UTC

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82938 77893 37948 83578 58370 89781 80308 56374 59265 38498
43428 61364 89668 10257 63337 78477 23124 17281 98672 63570
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15134 05010 49382 95849 24371 38762 48863 11199 12619 46382
63293 87169 22423 99357 18936 74200 76559 39472 39240 37163
12550 95133 45221 51036 29776 60688 70791 71286 10128 43410
16458 96136 98123 07858 89850 62930 51440 72276 06495 45748
97793 36746 49277 46500 59102 47745 10040 96644 28873 28835
61747 11755 13746 32146 34647 66091 75143 90343 94879 79391
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87209 60653 09454 83069 32731 81563 16345 08420 09942 99893
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60719 28386 18848 32810 40892 47663 13475 27900 79920 29771

04032 06864 36014 68450 47781 73766 93234 77749 58591 91085
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26086 40882 67894 52146 64375 30601 63234 39429 37985 06011
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23040 88449 93749 91606 63199 85265 03921 02913 71895 39075
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45225 44966 99895 18194 65547 94752 93518 28787 26122 11749
29467 65229 01121 97050 39473 92411 21120 09193 19404 80653
36300 00000

11100 00000 96415 08037 03029
56929 98404 49137 61994 59286 20949 81186 46522 41522 21052
80912 14144 89312 32143 15721 78218 26164 30329 33996 94905
79037 56241 43076 96774 65153 42841 17014 75345 23436 66360
20050 42240 39015 62583 56762 23631 34237 75639 84796 67685
24617 31516 51141 69676 63167 53448 37875 44470 21542 61408
28325 01046 81439 22850 29562 98771 34696 46920 12200 90097
15500 39309 53399 79357 13185 59938 94041 52385 39015 50658
46001 56605 45424 25166 10444 36307 21119 38303 93109 52779
10511 76952 27497 44000 30900 39686 41898 03555 85840 97385
31221 83493 98148 51998 19529 50788 10970 35624 24244 52102
30347 17135 57952 66542 07738 08483 28731 51082 85908 87916
24965 08360 56635 82271 95562 31520 03675 75538 61517 05789
29414 35879 19768 71487 88655 78290 25263 78149 77963 05108
62201 84440 54020 91512 40363 83567 79419 08264 77474 58863
19341 98808 53548 99236 37537 52988 48134 29168 65084 44505
96415 32951 40308 24348 25093 77848 43355 87364 53987 65874
73821 54166 74307 68869 44886 35546 39512 26565 92388 71612
29710 12323 22282 62812 75526 96245 44906 35037 52388 60323
69510 05998 81150 45332 57473 45057 96012 34154 57645 43711
65650 01206 72261 38892 78517 82671 26859 56303 28238 47231
42629 65951 60033 71948 34662 67075 64128 53037 84489 44666
27061 06173 60398 64740 76842 36037 83926 00583 82904 79798
65987 07131 96764 54199 61066 85689 44353 60943 12914 06165
05943 30076 90188 79009 44605 06037 35472 94055 69147 06075
76099 68435 42453 05718 70255 70769 71175 30978 86744 13811
37711 61984 41904 32739 60402 77723 42077 91273 92893 96591
05091 82824 98589 92421 59175 18834 61147 90699 42766 21524
16939 74632 53612 63217 20429 55773 20652 19434 78394 88885
97067 27945 13935 35730 97980 70962 46201 07461 31200 22674
96784 40336 94488 29286 58707 84401 37761 13780 88944 09860
37300 00000

18039/14904/11547 kHz, 08-11, 1000/1010/1020 UTC

11100 71225 24578 07001 00029
75485 00000

18039/14904/11547 kHz, 10-11, 1000/1010/1020 UTC

11100 71225 13465 09003 00029
96521 00000

18039/14904/11547 kHz, 11-11, 1000/1010/1020 UTC

F06a: [File 44447 \(binary contents\)](#)

18039/14904/11547 kHz, 12-11, 1000/1010/1020 UTC

F06a: [File 44452 \(binary contents\)](#)

18039/14904/11547 kHz, 13-11, 1000/1010/1020 UTC

11100 00000 17426 10056 03359
61305 76593 27360 93186 09077 81204 24811 80449 85553 65099
55241 04474 50502 41237 29129 21056 74877 99230 43730 37436
74728 93618 18195 56670 76841 90831 22156 89299 20812 98289
14954 18236 27224 24063 37699 27805 86632 40538 25344 32895
49039 50526 30978 69134 18535 79245 79500 30043 82813 40626
92887 62095 32232 51370 54222 53631 48108 91191 02684 78547
64950 32699 76679 80720 36292 89337 47315 10082 58833 54834
09376 46292 34566 32588 22018 70954 75580 78436 16359 74295
81232 05241 12143 07261 42357 22719 10681 14955 52226 10983
56246 12369 28932 51186 83112 88327 78880 61759 90426 48600
56086 13630 12099 34105 96955 22894 73904 75154 35252 44367
54973 67666 26910 14448 95866 82292 39418 16736 20420 42388
85422 68845 63546 31769 05274 53838 22181 18193 28170 44736
71560 03504 66611 95526 14019 36360 23845 97113 52495 48519
18971 21652 05930 00576 59433 03685 08746 48118 15541 31553
61601 64238 76739 47482 25596 79311 94305 79801 77124 24015
40153 55734 65558 86497 36442 68187 40954 19648 35677 94983
43960 59396 55975 93970 75123 40001 01203 22452 85776 17225
20666 54365 57698 35375 88028 93657 63721 99125 04169 07287
26495 36055 53636 26285 17575 60853 69424 88339 64035 77118
85714 20298 54780 77696 83311 84065 63762 29487 57430 34311
32271 53661 62543 61430 77498 37233 13956 18201 19560 36903
50818 53567 44157 61137 90238 01983 43076 41400 27214 01772
99703 28487 60027 40917 11750 74889 45840 53740 68367 89136
16141 16886 23849 73042 06738 18066 35100 77807 81999 96001
55062 39897 58020 74977 99288 82647 54392 42482 27841 94533
29282 43333 09716 20031 77499 88761 61977 24012 96236 03862
80772 15619 48172 61863 06447 42543 76625 78657 89914 91655
52450 66011 52493 56922 57356 66917 56379 60534 33338 21501
27960 38210 52911 36939 01140 24590 89828 59816 72880 99660
94985 74359 88123 82162 07174 74994 96312 80899 53395 86647
46668 39899 18411 31246 14427 38358 88217 63846 75230 31309
97135 26821 69837 41948 33196 95565 26356 41564 81523 14126
32192 77994 10385 56333 00000

11100 00000 85376 10057 03359
22691 64949 73972 63808 41994 29922 39466 86135 86422 08526
77190 10294 44949 90130 31526 20853 28774 47503 25167 00595
73365 40779 47738 17351 91387 75835 16387 70697 24941 59235
19281 53207 70551 16952 77957 05935 75361 69042 89451 72828
27939 77467 34156 83758 92163 09250 60337 20843 57604 82140
81243 47764 04853 85003 45756 06759 09223 90087 68510 12968
31272 99381 30426 00852 67581 92242 85586 02323 60215 66476
35402 61321 88324 90067 55995 14497 90299 05735 89750 92687
89944 55514 36956 22897 25078 17542 08484 35436 02023 72235
25442 05940 24408 40057 76737 86920 69724 58044 70482 08576
12072 87300 40197 53508 14538 68627 91718 35066 39639 68490
01784 33982 51269 82503 04207 73000 06586 88624 24582 34183
61281 67236 49475 48574 36662 30321 41013 12917 21990 26895
32828 13111 10509 16903 68277 59093 92603 30763 66899 60834
54525 56732 30019 00133 56117 23302 21458 77897 85985 68796
84269 41610 17551 15363 79462 22647 14407 89547 57618 38153
58446 56642 99367 37153 99164 60984 85645 95592 47606 89400
83673 89983 63363 99988 59600 04361 08090 83414 53738 50222
63949 48915 79334 04140 40448 52197 30824 92744 18081 07421
12478 79756 02226 50450 23410 34746 85744 45557 59868 88336
43694 52780 20741 03507 08623 98102 27234 17700 99850 13660
92635 35420 05210 40149 03123 76007 38654 08636 95538 06269
22182 43938 43078 12666 65524 56790 84825 92740 42011 16948
60073 70466 84078 24455 33363 65209 46832 21227 21189 68992
13126 10168 56303 11753 38565 73981 50543 19264 59909 10887

42148 93430 15274 29411 38471 69632 49598 69450 90048 30804
03794 41795 56952 82937 11030 03288 53362 21711 48587 09828
81297 44899 18703 14380 89454 90290 56872 02205 18069 03767
91017 80471 15758 67254 99980 64459 39268 41221 44767 27530
72073 01413 70981 07048 22759 74517 05887 83457 89124 02443
98542 74683 98952 89888 76434 13054 63367 14918 17054 96927
03735 07192 57845 34223 38036 23579 92988 20021 37645 75807
30415 15440 90458 89857 07527 19971 31308 01785 89044 54453
25601 19647 95415 57333 00000

18039/14904/11547 kHz, 14-11, 1000/1010/1020 UTC

11100 00000 68124 13066 03529
58126 40839 09719 87751 56376 68198 77759 37594 20875 02565
86190 48974 55041 15492 40115 59097 78380 46868 25773 08125
11492 73688 73132 45876 78355 65247 50612 99184 11847 54445
40368 42083 73404 79897 67580 36001 22801 78531 82191 32185
98947 33357 16513 53496 97672 06103 67154 97800 57406 09404
74703 30127 88715 98223 99601 55780 08627 85206 17644 91598
65667 09642 83546 77548 66566 14724 36019 95826 40558 12811
42780 89686 02216 43348 08947 99142 98762 53164 97245 55770
52786 53809 33472 03761 36309 35639 95648 39452 37135 43320
10307 86484 03428 42449 04332 48803 77443 31976 85822 08670
54361 82107 52384 61892 27151 02401 50297 07437 03416 69701
33014 33629 05134 70649 92398 68127 87266 38414 61164 83843
36132 88354 09936 78019 33514 82299 87379 66625 97429 76122
76843 61286 35488 30307 67924 20910 71789 88186 66429 95209
33299 51550 91146 02313 06625 08300 30866 07636 01147 91836
60100 96216 79434 76888 36929 55692 40876 41436 31409 12107
69483 49448 57993 85744 81777 34105 10385 59158 35726 86191
22274 74608 86642 77362 02393 03069 00995 72949 17318 52012
64071 14012 20472 04148 42421 73315 50747 04306 87024 14914
49200 36652 88121 12048 67249 59423 17632 03011 64812 89369
20123 89715 21822 53091 38239 08600 11565 47457 83545 28600
09263 76292 88721 55855 34357 55525 02033 49838 49913 03976
10034 80603 67597 61976 99425 81827 31650 05017 94014 79347
80315 44588 27700 99867 08128 33429 39444 89536 77536 17350
01141 97064 53270 00826 14344 01094 57896 18550 36772 86476
72013 30128 24539 99184 27504 80109 01042 34509 67297 90530
88453 38248 70065 78171 62743 25573 63308 13706 18174 47261
73246 64932 52204 57971 84971 91273 06747 66267 11291 81733
26706 71057 93693 53503 21739 14152 83890 53392 42174 03626
79352 29281 05038 87659 11297 63788 31100 83565 08542 87317
78909 91672 85692 12703 86723 48758 29063 58610 58300 00731
78807 53903 53463 99223 30666 40153 69395 51811 05787 14478
23594 80520 62044 79900 74418 68341 45305 95420 40179 98394
04072 42972 02693 15483 15937 53470 06251 64677 99301 59122
87937 86649 08773 64197 00233 74430 37703 51443 11832 21280
66350 00000

11100 00000 69781 13067 03529
33285 90463 17231 73426 81180 53656 08707 93039 13752 05731
98675 08354 05071 73081 74260 05741 15784 77855 15807 09951
59752 14928 00490 95897 31736 34043 31801 29839 82041 56831
43347 82139 49088 83366 50414 78800 85812 67963 47706 83953
40870 68910 76730 30490 80548 01802 11232 41027 62347 51177
34148 06396 96151 20155 04493 13829 53946 22729 37625 42049
13994 48438 47333 65442 50434 54085 23172 34489 04221 62192
41489 24662 96351 70879 33589 70967 69312 04862 59452 30316
67691 62247 60465 38915 93881 36816 89590 56863 99824 20484
42415 17150 00729 15623 37514 21224 21687 11936 19574 48340
13153 07570 83694 70863 96199 79152 44338 92712 23499 30443
97327 53135 66959 74285 48360 63013 67967 27546 06455 65860
11159 23733 65786 40724 07666 72973 24327 89166 98771 24044

12753 73516 15916 08138 32026 98573 57981 69061 23126 53965
71806 09539 17327 59327 46858 08324 40496 79510 59999 87790
69819 01990 31294 36712 66417 93668 76783 17891 32271 79270
69176 15349 64902 08492 42380 00749 08249 04117 00823 23747
23162 08278 19496 55956 25981 69045 45656 43208 68599 34535
38129 45809 58481 46731 05140 71468 42052 52191 26625 30587
99908 71844 71951 68601 27282 97051 48979 55068 98189 04131
45416 34165 36720 04516 48390 66312 43883 72755 53186 15596
53459 19531 97070 62674 15299 01881 79168 47863 29492 87812
52295 74085 79863 17510 97708 24367 40209 28297 18708 73574
51738 35567 14015 99080 95135 86854 16878 20038 05688 31236
10841 19957 04926 71253 58102 32269 47193 89545 01416 93570
04607 67367 25462 94225 38823 37204 88624 81020 33068 36638
61125 91557 82849 55689 30434 25075 68805 94785 59905 79379
60114 75579 11577 08575 21913 71770 69061 81291 25149 52143
21478 44076 82322 53001 94353 19656 57537 22173 38436 94751
24302 01801 12352 77121 69536 42072 20054 26540 67191 63111
88985 89390 69943 07190 99913 91544 92396 48461 04351 69249
84211 52408 90514 42677 16634 02172 83764 61840 30817 33978
92444 79561 21420 48819 35071 31180 53877 92604 09814 25681
38815 21946 92191 77940 12019 97781 71933 36773 93414 74020
64935 88465 23491 73382 61248 40485 00593 67651 95049 15052
67350 00000

18039/14904/11547 kHz, 15-11, 1000/1010/1020 UTC

11100 71225 24685 14005 00029
37951 00000

18039/14904/11547 kHz, 16-11, 1000/1010/1020 UTC

11100 00000 31648 15079 03029
56234 13315 23581 23476 11988 55814 86664 51493 13410 61300
64467 84859 64401 49055 27310 19683 43032 72107 28676 40155
29126 98882 32258 47526 17875 25043 89880 43473 05430 45185
18741 10048 57400 39089 51400 53398 96199 52203 56973 03446
68183 75058 56939 86702 76497 51295 84024 14428 90596 68988
57583 53299 68360 14964 73930 70794 51736 96789 35038 72462
21863 62129 64064 73280 24603 70146 81123 70281 02417 94651
37754 08635 93531 63665 33514 58375 84325 65106 63145 43960
25872 73270 67733 93851 50590 75804 88322 02298 49916 05854
45395 20519 98963 09071 92677 19464 39081 00177 18695 91347
54259 88761 94520 82135 02334 79012 91151 72179 86896 73044
14953 47185 80877 32548 34603 26691 37716 78413 97983 42268
51075 33034 62444 82600 49025 34972 86891 47659 33634 80679
59122 79134 01910 72950 56851 59336 09030 80803 65876 95731
59785 40478 03793 33318 39194 52230 22731 62011 18203 52613
89520 11249 95434 66940 66739 48979 60901 71609 43082 27237
92624 20971 86475 41490 22115 18444 18387 95937 29624 36556
32771 91957 55128 15590 08069 81887 35965 95535 85717 55318
07078 61036 13605 50099 24780 03998 77897 05238 00010 33569
71686 97884 51978 88175 73886 31577 18182 29284 36830 67952
81681 21600 05987 19098 01623 29372 20250 42737 57899 83498
66226 07429 45929 99131 84971 19986 82457 48439 54597 32273
08330 18250 97201 69598 99183 07233 83549 47869 19982 42324
33944 71707 84331 19078 38731 30705 04530 95630 46866 36018
43263 94963 95983 64474 02911 95156 82416 02393 13378 12316
94580 06292 04406 05867 58192 22688 73290 60894 66723 34153
83947 27228 95558 23839 58265 19943 23280 75642 45675 10986
08512 52197 81890 66588 95778 17897 72735 10185 48798 99113
64012 15487 34652 98816 83341 59442 07282 07777 64911 89724
63726 79527 93074 86474 71562 61300 25734 22964 90965 98087
79300 00000

11100 00000 79651 15080 03029
21502 31277 98173 53655 15464 68612 90351 81390 85146 55939
40986 01739 08611 11076 51750 60933 81355 08175 51676 70519
68021 79982 27230 51468 91689 08095 92319 77986 21720 05883
21692 38236 46056 23788 96138 54120 38948 31662 32961 27354
60013 57847 00122 03981 45593 89688 37531 74535 78322 65143
33891 52043 45869 10214 32555 95039 24759 01846 64817 67786
50247 61019 34090 54894 58158 05697 99390 72522 09634 18317
31588 43347 34729 07537 40836 27489 55799 68892 98637 26583
76601 74076 02978 03183 48061 43512 59955 82681 46636 81920
80360 29944 26211 81561 14630 17829 29475 22839 74616 29795
69696 26954 15615 63779 18852 40296 77079 29526 63045 55269
05468 56566 11139 97216 07655 55027 67553 32160 08345 96460
05160 75015 09934 06880 99209 02996 78241 89185 08237 03867
02566 17188 12873 13762 03487 68376 48502 24230 86868 87667
92709 63210 67482 99286 93447 79621 10703 08982 48866 86253
65699 63758 74732 40641 88582 61324 20401 68619 78915 26425
19236 60241 78048 96258 84465 92743 02710 82173 86363 60253
12280 99802 71733 14920 33205 84860 11601 49159 88965 36763
88078 73700 09059 57268 56319 71118 15417 76324 42507 29544
09707 82314 63827 86237 09942 98881 81335 35711 09855 75520
21682 82093 59455 84131 28620 40415 90219 38714 30235 16511
33348 80399 32837 20221 04523 94993 77445 91582 53608 55235
19815 44693 02732 04941 19929 58942 21182 27242 51909 72292
10554 64079 70264 56292 98595 79166 93434 77526 65175 81586
90548 75170 48819 52232 82347 09348 07256 40254 92201 59979
30389 21726 08170 80801 29170 37699 42020 38257 48767 53836
96172 89925 79501 08824 74482 82201 63966 43734 97806 71894
23781 29531 10303 01443 54410 34915 87377 82425 61482 01680
81239 67067 37057 19780 64981 12419 99262 19296 61143 66892
43761 21474 65678 33862 80455 16041 03268 91987 53895 56972
80300 00000

18039/14904/11547 kHz, 17-11, 1000/1010/1020 UTC

11100 71225 91374 16007 00029
93176 00000

12111/10532/9043 kHz, 17-11, 1330/1340/1350 UTC (different from 1000 slot)

11100 00000 91374 16007 00029
93176 0000

18039/14904/11547 kHz, 18-11, 1000/1010/1020 UTC

F06a: [File 44490 \(binary contents\)](#)

18039/14904/11547 kHz, 19-11, 1000/1010/1020 UTC

F06a: [File 44495 \(binary contents\)](#)

18039/14904/11547 kHz, 20-11, 1000/1010/1020 UTC

12111/10532/9043 kHz, 20-11, 1330/1340/1350 UTC

11100 00000 31649 17099 03359
59650 69372 24150 54662 44396 74062 28084 55188 43388 11287
27781 32783 83070 48991 16557 96976 00805 97579 39472 13274
00177 30244 13734 98935 98608 64722 56226 54384 53173 36168
66617 72455 75585 15818 39454 92664 72278 55158 03713 92677
70524 60250 13220 34180 16524 25935 36393 05330 56403 84579
18734 26970 36063 49065 16515 14812 80812 54697 25091 14755
40723 29736 50286 53536 12641 49218 96267 71905 74807 51777
68384 32506 94999 24131 14361 19647 98156 82937 52324 73159
04406 08700 59078 23523 73446 11407 17072 20448 16209 32606
43489 72104 59746 13586 49916 37178 76275 84354 06005 36952
12324 53116 05582 79593 78911 00916 58630 13830 88698 11149
57598 54214 51050 88626 91451 45158 60946 47870 05921 55919
42676 75340 33379 23734 34255 95273 40788 87285 23506 93823

69140 77685 71729 81184 62850 59170 85919 96401 12522 36686
25443 84531 59529 72553 54137 00864 35860 79412 73747 21874
37638 81613 99654 67606 55785 62259 64824 65169 12246 38074
62915 08032 75214 29298 66488 90803 51801 16783 81244 24200
81588 03487 22245 59860 79491 22549 23030 79724 01374 59134
13596 29643 30864 78232 28148 01919 10793 75607 28588 96452
67695 94073 54647 15201 02826 72295 36626 69609 48104 18287
31673 05735 10449 24817 69521 76722 52920 68887 18653 17334
86124 62485 08798 00220 68302 46788 70722 78608 37549 47018
79246 45118 24605 30126 10408 61362 19640 32494 48734 38046
91493 49851 05551 70240 82779 06571 34252 57517 29317 46566
53494 63633 77308 12941 14224 95456 96717 08607 71506 05818
14266 55043 47061 49971 14504 91382 93466 50361 82382 81026
95963 49374 85766 17959 72788 54767 21324 49958 59980 07458
72242 60894 91603 26373 51182 79286 11309 10020 26937 05328
76190 99500 58214 73547 38854 32631 82986 93312 18655 43856
36842 34335 98028 89665 98779 49404 04857 04174 87886 51500
66810 14570 59321 87494 48594 71116 73065 75620 08048 71386
33851 98898 32028 83425 25732 71709 38013 97528 89709 21692
52367 61317 17869 54174 01206 77804 62457 91293 74792 71134
83332 03029 51410 99333 00000

11100 00000 91357 17001 03359

33815 87988 91200 84831 45057 52672 78756 52174 74021 80902
47806 91125 08274 04636 03720 31432 86083 37842 04501 78920
90551 40924 51656 13555 58688 59850 54590 55183 28870 57177
54476 26641 75106 77154 18538 68903 01571 12102 40676 87980
95812 62244 09388 38239 64105 06185 28896 71829 97353 24216
04452 08922 41018 41650 27724 08428 67462 84352 23232 43898
74196 63674 41748 14280 56425 32962 11607 44232 27359 82843
83866 53673 84705 67464 32254 01254 46800 78869 93835 31451
06800 11723 61338 79954 78379 85542 63081 17042 31367 16637
91434 33638 40765 56950 65749 99726 97584 41973 40707 49820
54928 14935 96008 75164 07775 19450 68347 27373 29882 77804
11612 63167 16266 97080 96244 84926 04675 70294 83695 56719
74511 64750 36919 00516 46631 14777 52835 02257 32458 61058
27704 82480 05850 03725 91350 11186 96161 61403 71170 71613
25936 53418 71861 02658 41656 47316 81812 74557 11004 38912
42092 77593 85066 57047 38971 28453 48911 10238 05923 23956
08983 17405 46020 96840 90753 89873 10699 53275 45069 56837
95789 96805 86610 51450 40782 68416 12940 99771 42249 57380
77532 79711 17360 62611 15267 42198 78438 09186 43783 11729
04492 49726 89157 08508 20645 05338 09337 59357 21424 25786
13762 89576 98831 73591 02617 12953 61136 61750 74146 62100
53324 99740 73484 26325 15151 27532 81409 89185 37730 42263
66490 82957 04586 47278 49045 02180 28127 78225 50356 43462
17460 85884 25568 63760 38490 80425 03726 74289 52247 66776
83371 12270 42368 25795 57150 57695 67680 20928 63851 87303
00818 35045 91335 82946 38810 67137 78770 36541 96581 43566
91630 18786 19302 23549 67877 03839 74516 03575 58773 67138
10000 50428 12769 98557 88275 17516 75879 98076 33725 24184
07016 46158 53237 02706 31686 66028 16330 42641 82520 20029
05682 87236 00044 07241 74008 61569 92141 54575 68227 37119
75659 18489 06845 62447 48558 39556 21504 14684 66086 17037
98623 51494 19385 95669 82084 68231 39971 81849 22877 89940
78543 31388 86666 52926 31539 76052 55199 55548 13878 81044
82501 82949 01342 01333 00000

18039/14904/11547 kHz, 21-11, 1000/1010/1020 UTC

12111/10532/9043 kHz, 21-11, 1330/1340/1350 UTC

11100 00000 35297 20010 03529

85218 31893 48438 25939 06992 03252 80870 82225 38635 10460
51618 58227 73607 78406 48086 80789 70236 94212 58300 27124

75002 67408 90528 16671 50611 14032 12533 01108 94783 94342
58887 94690 60709 58836 79802 12116 15098 82247 29886 06081
94764 90228 20284 21754 47688 08393 82644 10313 69479 88401
18326 68760 71197 90800 31302 98190 39452 29277 68194 97710
74724 06022 13877 36181 18858 92910 16069 68985 07630 38155
37389 92003 09379 03141 58276 49978 35586 59123 79228 41464
34381 98480 95794 87553 02886 40196 44765 56543 79347 34274
44984 61763 00997 94763 81225 74727 38557 16089 04586 20805
43364 52360 47802 49601 68010 64368 78961 97231 46468 63936
42023 82678 44616 10328 57588 05416 17126 38385 82372 36491
31616 23104 50797 20255 46047 10311 47154 28921 50263 68152
81767 37141 07640 39058 69607 08793 57759 96897 34769 13163
66064 38982 89279 12703 31424 67631 59653 89570 87537 40970
59638 03110 59134 97657 32596 95488 58887 85219 11941 87666
35997 46696 73091 32875 12359 45259 75352 19811 67282 31527
17190 42728 56668 83221 53309 80598 77603 71892 46995 52555
14305 36367 56140 41788 26344 67640 76402 05079 65092 34859
89931 10180 29338 07128 93093 68198 95986 50785 01646 53200
86803 06868 56778 26200 57133 78430 80486 05737 17518 82425
53684 52219 24174 45805 15518 58226 99247 50569 07303 61953
66797 57410 09531 25989 15432 62668 45378 48617 23549 68269
49159 99815 08108 69342 23152 99160 82878 89196 31249 77802
37092 16356 02854 91723 70451 23323 45474 78437 45413 71773
89444 74350 42702 33866 13206 34937 30984 84350 22606 24950
86634 43159 82625 70829 24541 73186 24989 92506 25882 62919
80095 56795 73814 48625 06698 19542 33009 55774 17775 48748
33967 64395 26037 45823 48066 28034 57489 07176 64264 01019
06505 93326 03397 53714 30842 97721 31013 80450 10032 32447
54688 29812 15589 73022 16736 11982 66473 29462 18279 62825
68247 35796 35600 69390 59355 75236 14715 86531 12973 83172
55104 99330 67863 95189 18549 11006 86667 32287 23997 60992
65084 40503 14401 02898 40352 27109 06467 96992 72501 60581
59257 96953 96781 26531 22568 35524 70733 56767 51033 38790
10350 00000

11100 00000 36541 20011 03529
63915 87198 75865 26560 72437 66797 03216 32271 56626 20109
02634 48627 09641 15849 07212 63721 60093 12866 65187 63638
37908 33218 24020 46593 13720 02904 52848 28951 97743 89973
51756 85331 09059 94680 21304 89990 51237 71375 90739 51646
55252 86825 28347 58962 75622 44646 82358 78851 50703 30535
25868 74810 63081 57995 04190 37449 61008 19228 08096 44429
26797 70896 21366 91966 03139 09436 16095 65124 13259 15604
94191 39041 35867 72956 98502 28324 20820 89933 42009 26756
56452 80251 28521 04540 24499 81279 63318 55229 03560 15093
77164 09577 07033 21892 12144 58445 66452 20465 42746 51997
96187 75398 30649 67342 00412 75708 36623 61826 08308 54580
38007 54151 48422 04922 25187 00519 98124 70391 75515 57977
69098 16611 28108 52166 14806 12236 07964 91639 70865 74582
72826 95959 64267 59487 81252 29752 52390 00098 05294 59898
77721 24268 36258 78065 49258 05268 56965 55754 86485 25467
78950 24051 86906 57704 68043 95280 03035 94015 06763 68734
39801 76414 66969 87672 08308 09411 91204 39782 96866 58954
06163 18279 45260 67490 16730 85840 33166 39821 54020 08563
18672 79451 75859 52119 87833 80108 43149 57315 01199 02131
20541 37227 48248 88400 74867 63109 45678 99521 69769 31259
40470 72919 79941 28020 03685 35552 73454 35130 25915 24927
35578 42576 50335 98104 32538 61164 04287 33373 38668 51979
15340 54294 75360 14929 22757 30791 35281 03559 20312 36985
90275 58320 91391 70448 06402 75486 22319 62572 14525 53899
04837 34744 09926 86735 63689 79998 79345 90479 70240 74858
78903 88292 28064 51030 11345 89961 41440 81651 76027 35618
02706 61780 90113 95416 59385 87808 04379 42356 47049 65483

62095 40428 98824 01242 74416 15298 67511 56517 10702 99673
21228 69738 27222 70590 98537 75676 82681 20760 33972 76857
13991 31199 89915 46697 70735 37312 55767 69078 31771 05618
00325 44028 52385 63308 88335 14203 15463 47829 97140 91857
85092 68664 94347 90997 86053 98517 62491 94383 57620 36072
81592 10097 55114 07527 05565 97338 97655 99081 93413 66151
85539 37574 81155 80762 35676 61442 05390 21222 08541 49211
14479 83028 25063 97684 28258 19435 96889 67032 32218 56113
11350 00000

18039/14904/11547 kHz, 22-11, 1000/1010/1020 UTC

11100 71225 28647 21009 00029
82153 00000

12111/10532/9043 kHz, 22-11, 1330/1340/1350 UTC. Different from the 11100 UTC slot

11100 00000 28647 21009 00029
82153 00000

18039/14904/11547 kHz, 23-11, 1000/1010/1020 UTC

12111/10532/9043 kHz, 23-11, 1330/1340/1350 UTC

11100 00000 96173 22023 03029
64490 14007 83005 19970 14096 03424 29519 12089 84441 63982
76751 71904 09121 51999 23054 50041 10563 01186 19775 92179
36873 25574 79625 49646 58527 21754 81631 72913 79619 43871
39851 23947 43353 49809 28052 68338 36452 42005 77531 33160
22183 51327 90273 41481 56688 37464 34614 59481 68298 04250
15629 17096 04522 53363 37402 88140 76401 24856 99383 40839
54918 97925 94017 94705 99134 50380 97818 44702 20765 00236
73108 38635 14854 77875 22568 18691 11266 02220 63816 63088
26652 59331 16203 88753 21597 06900 16981 00975 92633 53045
09072 00963 53799 82876 67601 87260 87437 31235 57382 11943
68926 25076 38553 77525 95011 43908 62538 85552 70449 71741
25541 72763 32633 38978 71727 95811 18898 77675 63318 50440
06185 38632 59755 36082 77762 43729 73139 01797 96677 71950
92129 34499 90642 02550 91477 75405 78025 63768 69402 75776
24372 97313 90179 79667 77195 09212 93449 28492 35034 96243
16688 75393 98830 27993 70806 80562 86122 14554 68482 65059
48083 16167 07763 78374 03430 57741 44811 34410 62075 65862
72687 74118 82076 72300 32642 90739 39578 82462 50121 78579
16430 32221 12671 91249 35158 81562 31911 20327 96005 18484
56790 30355 95693 71588 30293 11137 32618 54800 06794 33239
28155 92657 72235 17674 18773 99601 34340 55657 98623 11705
75016 39422 17320 94287 82164 89991 62567 73841 03066 92864
82351 67713 86537 77556 26363 09978 06048 01912 11349 96935
80976 27154 40072 00687 38200 94581 28581 24199 81207 39875
21459 96323 58915 05929 99754 30185 51377 40159 11271 93392
14582 87225 77911 63500 51511 13095 59757 67163 01665 21393
80576 26420 66224 47977 44443 60540 11048 44674 98157 16880
14687 88108 19156 29175 53613 74571 33593 26717 41830 86859
94293 42839 67080 44023 73248 96163 90809 69967 48353 43037
04095 41831 89068 24591 56715 04095 70700 56876 01557 59344
23300 00000

11100 00000 67129 22024 03029

54004 50408 90590 67894 89221 59188 97073 08837 14594 79481
16408 48249 92464 08347 35514 03924 02694 74537 20508 93120
40055 69287 89340 89570 67994 58823 93150 23928 89668 83314
29725 44878 22202 71925 37543 83066 85117 28678 43811 85058
38845 68793 64952 09496 34285 10219 82959 02652 59329 50011
46077 95573 93302 80272 67235 89983 05243 23324 18664 25146
56978 90810 46155 42876 96910 96408 51371 92878 55478 76845
15677 45609 78198 00899 63891 04844 57257 71076 91441 37135
47567 47658 03314 60360 78235 49787 38268 58533 95380 13303

76743 15074 97230 09995 55891 81724 47454 57975 40171 25295
77637 77848 20958 19432 14868 74370 43584 73588 95354 48280
85265 16394 50013 68002 32340 75602 72968 55896 30260 21818
08902 68737 04780 68161 20181 77134 77769 43100 19719 73557
26096 78597 80487 63658 57005 80782 57630 20591 98451 75335
84110 07002 27799 44760 25834 94382 87343 99736 07176 34476
60092 51750 42865 62418 04225 79173 37143 36310 69688 03995
36153 42898 45366 21374 44486 24056 10235 49227 41825 03759
86977 90005 60623 20229 21469 21882 10759 92947 36575 61508
62095 79215 33712 65552 20891 99949 40594 63184 60996 39413
28608 36708 95768 48553 48261 92530 01652 06637 56120 89647
29354 20882 31709 17830 63552 68759 07769 42716 17082 12661
62344 59979 70527 41615 46124 25764 93163 19746 43464 55582
06181 46148 90551 08856 74138 55892 99123 01284 35567 16809
59201 12236 08681 01783 19254 79352 33119 41203 67251 97534
33658 85295 61027 64521 16836 30990 81399 40231 36427 93034
06477 12069 88701 24033 30604 83365 23399 13096 76361 27161
81373 17794 73079 72498 94833 09095 00285 15431 11110 33985
19535 71920 25903 25441 43061 14819 36944 14467 12670 62117
53991 23858 87333 08657 26123 48396 62913 18477 72249 51158
72441 20004 25781 30622 40417 71252 29401 38267 89534 87234
24300 00000

18039/14904/11547 kHz, 24-11, 1000/1010/1020 UTC

12111/10532/9043 kHz, 24-11, 1330/1340/1350 UTC

11100 71225 65187 23011 00029

35984 00000

18039/14904/11547 kHz, 25-11, 1000/1010/1020 UTC

12111/10532/9043 kHz, 25-11, 1330/1340/1350 UTC

[F06a: File 44434 \(binary contents\)](#)

18039/14904/11547 kHz, 26-11, 1000/1010/1020 UTC

12111/10532/9043 kHz, 26-11, 1330/1340/1350 UTC

[F06a: File 44439 \(binary contents\)](#)

18039/14904/11547 kHz, 27-11, 1000/1010/1020 UTC

12111/10532/9043 kHz, 27-11, 1220/1340/1350 UTC

11100 00000 39785 24043 03359

30339 92997 18889 64966 71669 77685 49984 46134 42949 46354

79975 55801 22185 58644 30094 90253 16360 52280 77990 57920

43579 72547 98905 54031 50082 76103 78437 93176 16801 82527

64074 35717 35161 72073 47681 68977 56810 53042 96131 29168

46950 47228 72280 74960 95982 66865 13441 48662 69133 81514

59580 85928 98756 98330 48408 59946 49000 04150 19541 71024

07527 42821 94945 17541 83967 26244 27829 09164 19801 02516

37183 08301 39354 29665 70150 10713 96591 28375 59424 01214

97403 12156 67837 45419 02066 18391 37363 03456 37560 88702

84684 76591 74447 72072 10543 22701 47985 49150 15035 01529

28160 01193 36064 35668 68341 72069 53114 98200 87230 96775

23550 62934 63805 94877 43620 78175 49932 52345 51355 49980

30348 40201 13554 45803 84687 43413 64027 54504 31256 98494

85310 63639 57217 63219 51015 39969 64905 66910 71012 24132

88932 14730 06636 75412 63783 44412 48095 27547 46590 58873

71279 41498 24764 83142 16145 66146 63187 19037 53872 42821

70632 96042 34982 14623 90113 41808 35589 26465 42852 20718

43999 26776 80542 13964 54813 06802 25598 39555 62747 38441

04088 35716 73344 96551 01022 56089 72768 76672 92697 50203

23866 44086 35779 27622 80687 75170 17804 29231 38651 76978

98801 54086 62541 95962 98718 15266 59523 51815 10322 23167

89368 57331 42287 19678 29071 10247 22146 11667 34048 67994

13783 77229 63107 41293 29175 43122 59377 67536 39055 56823

04377 49896 12184 01670 87415 73087 37931 28488 57522 31731

11839 02169 50068 32251 88861 86625 05294 54251 33973 16562
20917 82286 24819 29500 06007 44001 86111 56495 28315 15536
60447 94982 72256 80168 45243 12188 49716 51107 50462 52542
30878 94386 56844 47544 87263 12799 79295 51487 64157 76793
65152 51523 24624 13287 81994 25459 32289 88330 74689 45758
65076 44547 96372 53171 77093 79304 43035 48421 50845 74539
46408 75406 06972 14186 04849 94338 63687 50134 56888 68256
63120 02667 27148 11364 06729 06297 99311 72612 66991 36965
95825 52988 67549 81511 69036 79909 49001 35379 33428 87212
62519 39466 93675 43333 00000

11100 00000 78563 24044 03359
71026 49225 85923 14380 88622 80411 71064 52027 66177 62731
95150 33637 73771 66689 86176 51498 09444 40454 49904 34006
88093 98158 30113 40651 85184 82121 38472 05157 21153 28689
02490 68938 97492 92372 04956 72093 20428 07980 13331 94092
73123 95412 22516 61364 22369 36837 59433 63965 70672 80901
22865 48521 89701 53692 56984 79614 96008 81112 82008 86833
54981 52380 30430 39637 23951 79323 62237 17248 70399 31161
57591 65754 26201 49468 10370 59598 63836 72992 71033 09653
05520 27035 12244 85066 01168 57055 15677 41065 36160 11214
03459 69896 54817 01523 62673 17109 10544 98295 36371 30350
78562 37591 79517 32871 92192 46322 03329 38924 88590 14745
56413 53244 74909 70980 16172 21804 50800 37287 88893 26015
48204 72754 41971 37584 74359 32109 16690 76195 68977 95324
95018 37217 11508 47715 18842 81610 39447 15211 85071 05236
63612 84492 65072 29739 91329 62677 21846 82208 93471 56242
23400 55790 76270 73877 75755 68448 43871 82946 24008 62049
62522 74253 94906 08980 62387 14793 79361 18456 37873 93181
78340 59744 32443 87448 60573 44445 18832 09877 05522 35065
10613 08586 30023 72029 66050 30537 22085 36355 70173 75652
30223 90138 06009 96739 81824 62080 50914 24896 28936 70201
58944 25096 44939 98968 15189 11638 20541 72986 73027 78143
32519 94472 10220 21796 83653 36683 64795 66499 37294 10481
36654 14659 94989 46241 65831 82255 90622 58274 23367 96909
99485 83953 75693 63627 85734 14743 08517 27897 36662 61297
21092 90853 57221 19845 26852 56162 23244 32014 21323 13345
16783 55315 03262 87209 92026 86447 59947 08082 45215 04630
52583 82529 86994 27132 62718 69260 40655 94213 85656 89877
14685 25626 81763 29195 23073 15904 21628 04789 51808 60598
86010 10466 95009 30661 06507 63359 09115 37163 57875 09315
58577 53527 37966 66266 51509 87469 96179 10295 88694 19838
96400 34040 74423 52532 25342 32171 62580 32688 82233 93590
36426 45323 10801 05067 45499 91632 59463 95978 48097 95103
80695 78861 32749 02659 05479 65440 17140 73008 53798 62840
47905 69388 67104 44333 00000

18039/14904/11547 kHz, 28-11, 1000/1010/1020 UTC

12111/10532/9043 kHz, 28-11, 1330/1340/1350 UTC

11100 00000 26845 27053 03529
61399 46724 46155 26991 72854 51909 27534 90734 73767 57196
06307 89954 14905 79383 56292 17842 57704 78079 12612 10428
59450 00321 88554 99655 82370 44827 90582 57172 56355 94317
73674 39780 49966 89334 04185 72491 29442 42005 22412 30107
10376 13182 22058 03284 31759 01408 88772 59995 07072 17124
64969 38351 32113 40572 33090 31699 54259 86832 34527 51947
32833 26422 66363 82050 45275 34893 23143 53588 18800 69884
75842 10386 92235 99040 05241 44102 37718 27255 31866 12730
96939 96657 09718 77940 11638 57810 75942 22221 53009 35512
73656 31725 79732 37683 90093 55793 79295 80749 77284 79059
72314 29971 47433 67104 84521 78139 60188 71577 16118 11110
44006 05720 63184 33565 18769 26253 70816 53489 11875 82536
22701 48762 84958 18954 96795 64319 13456 41465 41811 13318

86177 84243 54182 80746 17101 37361 60218 52907 86546 21438
33110 21223 53940 20204 99494 33789 09349 06911 15250 93123
55963 25524 15227 23545 40738 12645 66581 56612 75353 71085
80416 08075 14702 31044 61411 44759 85080 59815 00124 64836
79274 05978 37655 39907 60730 88981 57371 92337 43992 70094
83355 06292 43594 65624 90290 95882 08607 88372 54456 78905
85003 28236 00520 29558 73051 07924 23825 08616 71914 74689
92849 94478 28643 14051 61530 63535 33748 96416 46130 93280
30548 92551 46360 86631 30470 18842 15411 40860 51495 98271
08602 09603 21934 48061 65340 31369 16731 29910 04057 22990
18461 23767 34820 61453 20235 11076 19321 02545 12678 78432
32897 09751 22179 77589 08306 91847 92603 02742 65914 72626
27640 71041 60012 41175 35987 17266 95911 56171 46557 38592
97552 02615 85887 50396 30269 24439 34946 39031 08427 81436
07517 22519 42610 03942 17359 55079 06044 43705 26321 36453
24946 44391 90595 11944 22493 80151 47316 74121 71079 35691
08662 02123 32573 26286 55678 99485 91246 81176 48986 16461
09062 38771 98576 67725 58021 27112 59875 81453 09240 28030
48259 40665 83459 48428 89225 02802 92663 47125 46387 08458
27500 90715 94488 15215 70190 36863 29627 17509 37612 68470
33876 38469 84250 27173 36479 04665 19694 19581 38825 39708
20373 94714 95369 37633 40221 16072 67707 02002 49954 76752
53350 00000

11100 00000 31647 27054 03529
84611 91231 72926 92092 04858 95883 24518 47845 53380 91092
82590 43575 34918 93596 71053 74862 82623 20408 06186 54244
89821 66342 78061 87036 32876 37121 09789 36321 39860 11471
61781 13024 84719 30673 73227 52035 11604 38983 57964 60296
19063 23373 96919 47800 58802 26026 94336 77441 28661 28017
89951 94644 64532 27633 44309 22724 60886 61750 39422 34895
74596 43718 61938 38888 91757 16188 61024 35098 62173 42314
98136 34208 31211 83780 30881 45211 23711 39069 98134 69798
59623 40433 98632 64019 06082 32987 80192 53167 95584 84372
81773 10827 64976 98419 95558 38019 94921 31259 41235 03379
54552 33306 69681 30310 80974 65562 38223 42045 48335 63672
24672 00555 06116 48172 72306 00246 91364 04366 83012 02378
44527 80267 00747 21138 83593 76051 52520 97320 16221 23435
39092 20537 94538 78451 92555 85896 42315 76032 43007 96102
09174 19843 61483 44893 31553 05812 71358 42765 05084 02792
45384 70928 98083 38780 30558 74408 60858 66151 68018 30257
10478 04323 00141 51794 95744 83303 82031 14821 72007 36564
39603 16747 40543 16649 41419 04559 32163 31991 76492 32581
39756 28349 55235 35956 29434 63315 75736 30782 84988 47322
22557 76854 65326 49594 90236 63934 79591 92479 48692 07501
09640 82594 92698 64902 34568 52224 42640 07860 36987 09413
88718 12259 95712 20188 95804 51159 94572 71341 11123 01967
02018 87225 41955 03702 01214 98983 95550 25306 75317 89658
98433 30917 77611 63623 37289 53057 41188 13763 88621 09667
07877 84843 29364 25927 81094 56517 45645 46799 32306 94388
81871 51230 15791 42589 97341 03953 71398 56286 22563 05819
19969 97581 32464 28612 81134 43213 78686 45262 68154 77522
48149 91414 39499 69109 40067 19277 11857 54610 78621 29700
64251 78051 03448 93404 87966 59200 05160 97319 61952 89362
98069 76944 58408 78053 47305 20690 08235 98987 92511 57130
81031 08824 35322 61096 59331 37101 82778 39562 11766 70802
63910 83246 94840 81984 61631 94883 38015 71911 27166 30081
91759 30133 69176 11717 43307 31941 34790 03819 29750 22634
24702 55835 03196 62047 09553 53271 27664 27772 39761 35597
12402 00493 66002 67389 11319 79906 12513 73625 43217 04635
54350 00000

18039/14904/11547 kHz, 29-11, 1000/1010/1020 UTC

12111/10532/9043 kHz, 29-11, 1330/1340/1350 UTC

11100 71225 96325 28013 00029

20975 00000

18039/14904/11547 kHz, 30-11, 1000/1010/1020 UTC

12111/10532/9043 kHz, 30-11, 1220/1340/1350 UTC

11100 00000 31648 29066 03029

99015 47813 14391 70895 49848 43488 14664 53537 28317 56546
55700 98287 54114 16779 18076 41115 47504 02532 53640 16920
36272 94205 46807 34763 75662 92716 00565 76644 86001 26320
64369 05746 37668 94259 46131 95089 38132 20666 75463 12541
00715 17148 10391 23096 99787 77515 04699 94393 42082 53063
78121 16390 08790 81864 56544 71122 48166 70501 74415 13519
23299 51674 56549 49171 44747 66135 21516 20027 42721 42363
73796 33918 58513 72438 76898 98887 59848 07548 24615 48226
09840 21547 52612 67180 44263 16038 57544 57250 36803 65379
15865 99024 56984 25078 19543 99491 50463 52000 70855 34755
96367 09835 03449 24102 21381 58244 21862 96352 75248 49148
76690 34436 97395 78575 17581 09125 29349 67514 91249 37863
52645 70209 76706 29637 56918 33334 74870 01813 67842 54480
94771 79888 89635 13403 03520 16087 41795 74455 32232 87744
94757 83652 55102 61410 34182 08804 83803 33616 08518 96144
44415 84236 39578 41914 29046 03389 00773 02312 39364 77802
92721 90262 64199 47602 70901 32449 58422 69433 05045 85024
15272 46880 74954 31459 49340 14097 32442 10951 32374 83610
84053 50842 49109 94209 74296 01478 65305 19877 74034 96937
25172 25690 03751 90094 20388 81632 46354 35417 97878 70260
29234 17967 98557 49136 80231 52028 44207 54008 87231 97797
14695 53628 16049 69583 82713 92185 66310 33944 98213 80262
70002 21205 39751 20267 62392 98790 74895 77282 79995 79815
96927 31251 65278 65361 29977 71455 82792 43882 19816 19216
76419 96186 52483 89750 22414 79406 67918 29128 57942 88424
60818 87265 89786 18168 85872 12890 12922 75224 09596 81412
93638 12214 75916 91651 96905 83345 77729 92340 62655 44607
51596 24359 60686 47024 37767 89620 78867 96412 72731 82563
24325 78089 06474 45173 42310 69942 61620 31476 82425 92332
76673 92448 66911 68244 00507 17269 40657 92123 30330 91856
66300 00000

11100 00000 18546 29067 03029

32946 05906 91043 55069 75109 41023 54821 48426 81730 10703
73108 24352 59091 62641 40796 14399 25484 65911 66319 51053
69873 73024 25681 56593 89948 78952 01338 56263 51766 88069
60637 89214 38152 24931 53489 15618 78068 49850 33967 43422
74121 65186 35526 23168 70400 23299 54511 84312 27840 72099
21662 11494 99286 99135 66294 84168 21461 60148 02838 28077
65998 03046 94429 51948 16768 23212 73247 67913 65635 11113
22263 19029 43885 78121 48114 62383 31462 71497 99771 81196
11240 14471 12707 24366 60494 32363 83214 96890 96771 50669
02621 49609 20336 76063 06028 41696 20392 96243 15299 74344
37262 59564 80976 19083 97700 20395 52802 89154 65557 61128
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Enigma M4

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95486 94333 26884 03109 86075 07629 61400 47426 24073 68238
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84966 75709 50795 43651 72944 58737 80766 63265 97823 07334
95421 48329 49173 29664 12226 44348 20401 97232 86037 87306
74907 19410 00509 54426 68597 99706 68177 58368 89657 78460
62685 02090 01580 91647 31568 36527 00324 00493 63046 88295
21590 71559 05254 49608 59123 12029 61351 47574 79992 89831
08955 35090 47774 93333 17315 70494 89587 10264 60691 78182
67919 30560 51352 07369 43161 02837 40645 31170 37813 99147
61568 53222 38289 67739 11282 13993 95244 78476 97002 13997
08394 90639 93714 96085 06721 97760 87123 54014 60049 29208
00322 59461 82894 13195 27564 24689 16534 30894 23618 43048
00246 16361 22119 74486 67636 81944 81363 68277 29011 73867
80984 40135 25710 87679 17940 45916 67361 98253 75254 19087
87977 84019 61960 64153 81835 50134 47656 23229 05085 80252
40142 57939 54014 71603 79549 13845 55909 33059 47421 59569
33455 50875 14163 17824 28608 51791 73317 30516 96871 18190
36089 25123 07929 34988 84558 74523 13558 72956 07028 67478
68762 38154 63937 31936 17075 42156 57775 78364 75945 72781
05438 55286 83175 69985 36467 34208 90317 36623 65599 66133
13988 38758 13074 76846 81026 75215 71130 93146 28441 21054
25350 00000

11100 00000 17428 26026 03529
40138 17238 44078 74655 82782 91440 58947 63115 69770 20426
27149 85618 15461 43162 54332 99495 26889 71747 60632 78636
14595 39329 89012 98960 38714 24294 94951 30619 88755 42911
78425 41631 20510 27624 44106 42626 98522 33169 00714 27389
17574 37722 35482 88894 01599 31241 24646 15519 03483 08212
65906 97108 54180 06975 43806 95609 34582 62814 63950 59925
68573 67017 17016 89705 60729 49063 58481 77746 27062 24152
15017 85696 92287 73258 53473 32742 52022 47879 73402 01977
23365 16685 09058 94125 32291 96254 51795 83333 11308 33071
28830 54676 05787 28980 99275 28106 12444 27295 53403 98510
98369 01730 26064 46571 74074 15353 60210 00109 18966 41746
81448 50605 82714 65563 69566 54588 10929 04668 37968 74570
68587 21036 56963 39223 59660 12623 81835 27474 66364 03372
71632 06224 56477 73556 09624 76358 32161 97634 61347 06754
18726 81823 31194 60952 16774 18556 03474 46207 66153 00024
78873 39572 95177 57996 42281 70733 53522 22084 22885 66266
52263 13659 32494 85005 59476 17597 93028 99214 24835 99048
89096 01248 31661 57407 06612 40380 99846 34682 43385 19509
88090 20445 02626 06402 68898 20552 05281 39184 74761 81815
82177 30748 38977 89833 31874 01787 79523 82132 55171 97112
99447 43849 02235 64977 02194 78103 93234 04062 45299 68276
98469 07831 80927 74367 88898 60937 56632 30614 93019 67365
74832 36581 21030 15000 34402 58884 42219 06311 02837 85752
26510 09832 92413 01604 86103 12137 38806 73830 78161 74982
05563 68985 54455 27322 62912 40537 68931 46866 14324 55406
79117 10881 69248 51454 02321 20914 85499 43115 12543 31134
29697 17362 89061 34970 29209 87192 52602 89736 14046 94821
50050 83940 72126 81765 73635 76944 66358 68014 25523 65690
86980 07466 63758 58145 37589 11824 90489 58194 78293 60139
68418 91625 74447 36176 76409 27934 24370 60809 40197 77598
64521 11621 99124 69546 75545 46890 94864 38475 37640 76172

93037 76723 08673 44641 73688 30388 23492 23392 51541 44358
37868 22884 11982 85966 65493 71724 73697 01944 81500 27960
13914 88356 90903 15086 17170 78224 85436 99941 33561 76499
37194 54696 57400 97092 02532 70095 62214 81648 34662 12170
26350 00000

23007/18765/14444 kHz, 27-11, 0730/0740/0750 UTC

11100 00000 42695 27027 07029
26969 31532 13454 47151 03764 90975 90267 40408 72147 24137
15447 15103 76490 97590 26740 40872 14724 13713 20669 31537
26241 01006 03243 92467 33603 63390 03098 31688 30901 63174
05114 40374 82869 43343 95787 83789 54768 99903 78652 72155
35474 41074 89018 28101 43477 61038 81471 17881 51728 07931
88553 38554 92274 50749 74075 78304 26612 74881 29506 92092
92703 60932 86845 59827 64588 26538 46460 19251 85533 35858
43284 90705 60652 06430 99837 35997 19937 68071 39508 18514
87636 53527 58510 56815 18921 25536 79988 88855 89767 70013
38673 89042 51006 10037 69546 05322 82467 20312 98956 08455
08157 46825 61592 70706 58412 61353 91797 16103 89961 05522
62618 09464 99835 04106 71055 76396 94060 52258 92940 71421
97079 06344 55878 36443 12828 33083 03694 16737 73406 96673
50821 26634 36298 88603 50070 82115 16046 29807 22211 42477
61350 99890 20812 28267 13506 73082 30767 07685 07134 65620
23956 68616 99123 24241 20467 18510 36749 10478 28826 79265
00871 60447 63663 69332 85178 24804 64269 90204 97408 18567
62451 59493 93465 35492 73156 57772 80395 06685 06284 81381
49143 08139 23120 18369 23035 46884 85843 89771 32915 80442
73542 23413 54886 49265 63156 52406 71584 26849 98808 55556
42918 17219 97956 81835 97233 54453 67786 26142 78810 83954
30310 48500 12656 30145 79578 53918 72512 80269 19477 75069
63031 39009 55509 24997 52044 33574 39031 12026 13861 73975
87365 34066 69554 98163 28225 94501 35142 56712 41896 06849
13623 16743 99609 80366 91799 89778 21545 03817 27817 13202
02898 69557 40369 40023 81450 05149 35495 16634 45086 04673
31919 53231 02684 76943 70859 16613 66820 52803 21240 00021
21742 18681 16266 49717 75009 68617 82265 52996 16290 91928
45773 17300 31699 38701 29757 95142 47155 30310 74952 34516
99180 07142 47231 59477 56565 30710 16938 10593 41366 82360
21142 99942 22644 25736 44733 60354 81402 25205 81307 93563
70150 37432 59766 46996 15536 18281 47591 73837 37475 12238
66695 56105 83233 16539 82831 95386 99878 37198 54458 00940
93549 79109 52022 29856 48985 37427 83584 58945 07738 82392
87739 93061 28524 54816 79746 39532 78127 14387 61826 03390
26324 07998 33561 83098 43231 50284 63316 71445 22552 33554
06650 91304 79119 09299 82618 20947 94209 08477 43941 88592
07034 92754 01943 40881 75870 53883 92223 14965 57254 03424
91983 68896 76676 19972 24953 50004 89219 46110 14847 05952
53577 52236 73305 68148 67889 09487 33231 62219 40825 38923
63484 25212 96365 29179 25856 34228 35713 39748 60271 76163
04760 32106 09143 13263 40572 95852 16834 24145 95305 62060
65144 25017 61009 21016 30780 00747 43732 86546 75723 00486
60401 74114 06461 77532 56875 84868 62984 78117 70637 12839
23527 08809 86549 17465 35950 37211 59112 28645 11732 05655
99663 76491 43494 62564 51963 62976 31991 41187 04586 17664
33521 40373 13571 04713 63678 87092 33764 73335 18392 85380
82291 68893 98187 81394 82592 46840 46609 99272 62459 56668
38737 27480 04526 88074 80742 60329 72620 96513 06418 24370
62449 50335 81610 44321 50028 66692 52507 28247 36298 28404
98708 76659 11387 98965 77016 45227 86917 77885 66891 15794
69840 63550 53499 55380 76188 15790 09300 67860 08221 35336
60104 68006 43386 02372 46542 32580 08531 41339 16881 08161
37804 04215 12124 80407 37694 89418 29336 34424 07621 38568
74126 60931 89544 78236 38233 87926 45010 98932 63137 42518

83068 88464 75653 72622 87518 61895 06430 83214 16898 55252
27296 66812 75673 75216 68393 32894 80049 21932 01033 65918
66855 27166 97210 66656 18922 74980 01718 56504 05414 97108
77791 49476 60532 60234 12235 21555 49034 87340 90948 32100
92012 80344 80808 76991 51357 36173 78830 78195 96352 73493
14556 39452 00841 12271 16599 22751 44385 73351 79289 25311
15882 90239 90357 61720 43039 50288 05577 80953 96183 07456
81335 72927 39820 33839 01041 44301 30371 02160 56315 68206
83561 16406 68915 37581 59857 32787 64309 76810 41413 38228
32852 91353 98961 78555 39496 60049 72081 53587 67973 99781
11279 21302 10392 57196 55326 78271 38175 07158 42293 08566
15288 62631 77700 18284 39686 25676 08249 97930 23926 34243
74541 79804 50870 84455 41261 82601 65429 33073 28214 60402
88277 09813 90693 98249 62479 94221 22603 21493 68957 36789
80763 11092 71752 28986 53855 42055 79004 51916 24420 87229
27700 00000

Link 10053

14475/13521/10196 kHz, 05-11, 1530/1540/1550 UTC

11166 10053 17935 05001 00049 00000 00000 00000 00000

14475/13521/10196 kHz, 12-11, 1530/1540/1550 UTC

11166 10053 12345 12001 00049 00000 00000 00000 00000

14475/13521/10196 kHz, 19-11, 1530/1540/1550 UTC

11166 10053 92438 19001 00049 00000 00000 00000 00000

14475/13521/10196 kHz, 26-11, 1530/1540/1550 UTC

11166 10053 12637 26008 00049 00000 00000 00000 00000

13469/11643/9486 kHz, 07-11, 1650/1700/1710 UTC

11166 10053 13467 07001 00049 00000 00000 00000 00000

13469/11643/9486 kHz, 14-11, 1650/1700/1710 UTC

11166 10053 17935 14001 00049 00000 00000 00000 00000

13469/11643/9486 kHz, 21-11, 1650/1700/1710 UTC

11166 10053 98745 21001 00049 00000 00000 00000 00000

13469/11643/9486 kHz, 28-11, 1650/1700/1710 UTC

11166 10053 54213 28001 00049 00000 00000 00000 00000

Link 10075

11154/9097/7839 kHz, 01-11, 1300/1310/1320 UTC

11166 10075 12345 01069 00049 00000 00000 00000 00000

11154/9097/7839 kHz, 08-11, 1300/1310/1320 UTC

11166 10075 85967 08036 00049 00000 00000 00000 00000

11154/9097/7839 kHz, 15-11, 1300/1310/1320 UTC

11166 10075 12345 15046 00049 00000 00000 00000 00000

11154/9097/7839 kHz, 22-11, 1300/1310/1320 UTC

11166 10075 12345 22039 00049 00000 00000 00000 00000

11154/9097/7839 kHz, 29-11, 1300/1310/1320 UTC

11166 10075 12547 29069 00049 00000 00000 00000 00000

Link 30154

13831/10376/8128 kHz, 07-11, 1230/1240/1250 UTC

11166 30154 25896 07028 00049 00000 00000 00000 00000

13831/10376/8128 kHz, 14-11, 1230/1240/1250 UTC

11166 30154 12345 14055 00049 00000 00000 00000 00000

13831/10376/8128 kHz, 21-11, 1230/1240/1250 UTC

11166 30154 57845 21578 00049 00000 00000 00000 00000

13831/10376/8128 kHz, 28-11, 1230/1240/1250 UTC

Null message

Link 40122

20082/18207/16141 kHz, 01-11/02-11, 0600/0610/0620 UTC

11166 40122 64791 28080 03469
74603 66279 44484 60828 25125 64407 99356 39457 55130 76366
56983 57671 01219 04849 04343 92927 38447 38984 31289 90560
48831 40581 80540 07499 08692 24621 68868 11943 55787 38666
02907 56189 22173 70887 38039 64776 43710 41391 53777 05166
82182 56534 44089 33113 20945 30917 46106 29950 20042 06734
55640 73934 41742 25179 02964 12882 82413 29594 87270 30242
71688 05032 93275 21831 24850 83941 38376 25388 59381 72650
23815 70155 11604 78337 88291 38664 14364 41178 87444 57913
21679 01356 47657 62135 91302 55624 67610 94324 61135 83103
66034 38728 80416 45012 99082 01481 81645 87997 95774 81567
04157 05781 84947 99308 05298 38783 12137 74556 20137 16429
69850 71777 55651 71813 89649 54221 30314 83416 69488 14362
95040 23567 34738 72789 96414 18312 56350 62752 68132 48425
74580 42529 61618 46190 01713 02818 51727 67694 02233 61336
78485 45282 73876 61813 10813 49880 77993 19567 43138 17873
92666 80843 60875 22210 87020 88125 35685 92448 40165 68573
36449 13405 53197 87803 66910 57099 27712 36188 65919 27705
09252 39858 31195 24160 19141 13604 52582 50145 23126 97855
65700 26117 10277 46932 61947 83074 80584 60751 15795 42752
64674 77183 15292 13930 24094 67231 06740 59539 05608 00238
89463 14262 47928 71293 21612 57298 64322 08047 22939 70007
49545 99085 85488 33090 84515 11100 28128 43013 37196 86991
55872 52363 83087 42135 09923 63807 93800 00967 19375 32357
67128 41096 90511 55624 97057 37123 94646 56746 07163 21348
40426 89679 95813 03567 41553 21542 66640 17135 15848 71691
42683 83484 76606 12238 87679 12292 02167 59655 82912 79475
94647 12209 33061 50207 63778 12864 99498 39141 96769 42364
84465 25030 00148 72186 14556 61922 24506 32037 96968 54135
08106 71588 46934 87180 00253 21142 09785 31832 50408 80904
26083 63536 73951 93566 13257 64325 30541 79864 62173 99455
76017 41825 72097 85926 73771 63365 72499 45576 01741 82572
09785 92673 77163 36572 43903 55343 50626 85655 19802 40246
89597 89799 72032 84240 50243 28712 06629 65519 38638 83324
56065 60485 81986 90614 84988 66182 09529 91865 50274 94307
91344 70475 08833 03994 80344 00000

20082/18207/16141 kHz, 08-11/09-11, 0600/0610/0620 UTC

11166 40122 65237 04081 03029
53738 69443 31790 74942 34460 09066 83302 66206 92789 78243
54238 33156 23943 91313 82575 72098 16554 01970 64391 76478
78156 24420 28415 53402 36547 33944 07560 25025 65456 89027
18356 69482 07991 42272 84238 81071 96243 32260 63615 54344
90557 73558 68659 21827 86834 87065 85764 00030 65363 37865
33593 23455 79577 72799 19664 71269 08204 74924 81408 16352
19217 77058 22641 51379 19053 01596 81373 71663 85515 18772

89918 19406 07805 40584 13213 19065 82119 92532 76298 58531
36260 30392 16909 95781 81672 94183 24085 95717 16374 16539
48762 26860 27189 27656 97271 72603 64747 24015 43689 36696
89665 93054 21966 47657 13366 10997 83783 91803 81951 55993
33070 29573 76595 03806 73114 74842 28865 98179 27212 41918
74424 13122 18787 89888 93560 49253 21924 19033 11954 31440
18244 98959 60146 99870 21072 33179 15139 11786 52820 89784
72550 96039 86536 52937 22784 27674 87548 74834 29638 14708
16143 32858 34785 14318 77214 21587 36581 20599 27835 34356
16618 91095 78658 14057 12473 04295 50116 77862 60084 65254
69335 45565 54195 01574 18718 26220 00302 16877 72114 42766
56537 93999 79535 99335 88946 65087 86335 20917 88562 90752
97806 20075 23748 15519 25116 70403 26223 91715 73539 91411
34225 89016 58902 74513 41231 31814 63194 04829 23686 31607
65275 58460 46173 06600 07614 79961 67463 05700 85006 69654
95878 79086 66200 35503 67412 62557 84362 89228 45037 67833
57344 91344 62647 96000 23657 74811 62063 16289 05111 01983
96538 77370 32059 34550 99216 43365 92162 21159 39953 71739
88644 32385 18968 75285 18941 97766 70744 35375 09705 24571
76617 58663 69097 02991 09498 94444 42298 27452 59159 54838
81173 88715 11524 04985 64053 16484 80400 15465 26528 77164
15093 94102 89229 56511 32329 39349 93517 81805 45938 82443
81014 63284 92728 10529 77927 59492 77988 87902 70086 96240
81300 00000

11166 40122 41785 04082 02739

89049 17617 79651 93872 50366 10580 79411 82519 18522 54381
05620 10026 40626 98995 55303 72243 24524 01585 78979 20370
94251 97551 04725 25035 29200 90068 54525 01804 10391 75238
38847 27797 22329 45090 40376 04112 83855 35600 22848 43729
06440 11908 25911 89604 03357 07943 31971 92606 98176 62616
15940 04025 06005 19797 13831 62300 85920 84234 71142 78692
88041 50629 56964 51552 43653 48039 54741 63901 71842 66799
65638 43998 01076 60152 85434 93572 29152 37775 40901 13440
69975 93378 96574 81146 60578 33592 67891 60371 26842 00288
01598 46737 31337 03565 09389 79749 51738 07553 65704 75526
63240 36246 05623 60021 23413 91534 83789 07417 82939 00640
80322 13391 70668 35120 64620 57924 26419 68660 53026 37350
79981 65806 21268 70330 99739 18847 57631 07446 59367 75036
67784 99081 96025 21320 67203 01309 58498 18786 22135 24435
68711 03994 25028 53923 45068 99399 15379 98358 61034 00040
81918 44152 37415 28676 07094 21677 91770 76591 39764 12509
93382 72205 07061 52474 97236 44715 01344 10183 55440 74950
03193 45739 29523 50610 26373 79312 52050 68090 95710 24264
10992 48077 93813 64506 55284 57100 37579 80793 45016 52225
70425 55620 94689 91088 81180 11425 82974 74436 85571 61777
27411 13386 31248 80251 47490 38571 12275 16645 64550 93376
04044 15267 11926 78435 54521 14564 55093 37604 04415 26711
92678 43554 52114 80273 18258 94027 39348 09465 58403 23801
23976 64039 51644 07761 12147 44707 43792 61273 87213 75820
69568 97757 90363 08806 88530 02090 56410 44845 17199 84970
54355 81468 80806 35432 18688 12775 33117 13677 82333 37941
17749 51440 47208 57728 69435 52058 53300 63656 78670 07425
32231 82271 00000

20082/18207/16141 kHz, 15-11, 0600/0610/0620 UTC

11166 40122 15793 15045 00049 00000 00000 00000 00000

20082/18207/16141 kHz, 22-11/23-11, 0600/0610/0620 UTC

11166 40122 48925 18083 03649
00919 20244 24218 23932 62166 78936 52122 96478 94234 06948
35514 55029 19461 17995 28121 68882 62627 02468 89285 46732
02151 02126 51218 41697 38943 73178 28146 65812 12651 86182

09548 24936 19925 36192 04650 10005 14444 61598 30388 05572
93360 95101 60005 01565 99851 95249 74492 19213 96483 31974
84036 87064 89055 24577 11682 28041 05622 55589 56390 43460
60376 08950 77673 04982 57092 05937 69002 90385 11793 37287
12171 24143 99352 14954 29804 08712 53715 91919 78199 57486
76400 23521 47686 65351 33013 68710 62692 77763 42417 54701
98708 44313 88282 53422 58327 67691 07673 43234 73560 84006
36376 54331 26608 35384 15667 21277 06273 20795 90170 91099
42207 36034 51535 60398 84178 38805 07593 39887 18545 99836
81691 69819 39122 25975 71895 34724 14633 66176 24730 50904
19925 36362 03174 25121 23152 24049 53570 07907 46090 58701
01149 89944 39794 58750 28859 14957 42768 91203 19181 07528
13846 04797 63618 39309 56965 22613 69550 82041 80024 05112
19140 20830 55006 19513 59976 26109 71564 76453 32141 07740
01245 19879 61393 99672 14552 81090 73154 48610 18023 32885
06974 05117 03514 04740 36182 40601 26883 44957 22399 38625
58250 40737 59593 33955 71029 32077 87386 97809 61921 80474
78272 92738 19040 78339 28461 45565 80385 10075 07016 11835
49823 00754 42979 30199 62781 13325 55181 90186 18834 80301
54402 61787 23370 80851 72590 60287 05531 99239 98818 44801
04611 25554 26668 73924 42090 84655 42720 66965 21509 04285
10851 44168 23363 58271 32021 44384 87193 45775 84228 43620
98089 92498 72336 22902 19756 84817 42445 58897 41360 72744
40503 35723 30334 02696 19847 01384 08322 65964 27351 17279
92453 73863 22881 74212 69145 95465 11732 73344 92606 18874
94745 95517 25233 21968 65788 07406 62093 63560 11284 77917
06677 30901 91477 03279 90104 04465 08136 64263 50976 25964
88348 63973 18059 80518 39138 19631 62991 28927 52560 06813
15190 50970 65968 79558 56160 85689 07158 14799 35380 79569
79045 54541 74957 78579 63598 44234 55246 24991 49679 90775
98603 44916 14518 88580 93479 37518 13468 87149 26028 01807
57763 98585 11426 61973 84945 68484 42080 77203 51657 58643
94925 46893 03483 15026 64987 47213 01528 19415 17399 59963
10431 48192 83362 00000

20082/18207/16141 kHz, 29-11/30-11, 0600/0610/0620 UTC

11166 40122 54278 25084 03029
04560 45841 75187 98730 36182 25459 23668 07465 83291 37101
56793 19834 39689 96042 57261 55943 13980 60707 69212 71621
35957 08368 95484 38464 25598 23834 59821 48595 85578 05824
57446 61310 03277 20691 42459 33812 73175 58202 25491 03209
75613 69058 80041 11972 72828 88837 80949 94038 08218 78053
23430 63750 19758 33012 96119 74796 03527 47157 06551 41388
88253 27597 82518 38802 06852 96484 97756 25526 75851 31958
95368 54161 18687 28313 07450 63290 93766 80101 94341 67479
13264 19849 51947 87626 63572 64068 60553 88817 63354 47259
73595 17892 20128 48589 69800 57907 71325 40936 17142 41683
20761 16980 22056 91610 06447 72029 62346 77927 60695 48287
27214 12630 48442 70212 12857 21219 94730 25695 47075 59469
37295 72710 41316 67401 65174 76161 93595 77647 29304 04570
90738 20405 36017 41329 83374 92154 59387 90186 32122 80335
33367 79664 48400 61167 09638 96075 78313 12805 92127 99860
03036 11008 84125 04896 54133 99522 08926 25487 67271 52355
89954 20724 22736 70127 01294 90883 46206 77704 24568 05576
68227 15276 73098 68310 65797 40082 69300 47182 34537 80975
86219 26351 64849 13001 89184 58013 20532 44176 38481 19552
43257 31677 39006 05547 31381 69597 47830 09332 66496 15485
75607 73797 86178 47825 42768 16119 26368 71675 76440 56088
81807 14636 59025 02758 57992 80328 64375 79069 13056 51593
42499 89154 13044 60570 38753 58002 48987 67876 58426 98175
89250 18033 12690 83269 65554 63370 06816 32793 16135 73562
56632 38161 34468 73000 44127 84491 97001 73183 48161 47889
68317 92317 11203 72906 07186 79308 28049 59864 21929 84335

67445 16728 48540 43197 62560 55219 49993 67614 31246 35852
60181 58671 12012 91583 20925 85599 26669 84770 85479 97072
05570 77104 86984 57208 36376 17229 95299 23473 22312 75720
10643 08660 60811 82117 67497 94139 78528 43687 47198 86568
84300 00000

11166 40122 86429 25085 02939
83624 50623 22658 35241 21277 97348 83646 52274 43356 74628
16089 02812 28189 12163 33794 57432 11367 76359 86064 23961
13521 52971 89628 00848 76012 69280 58316 19334 40463 35526
28935 66559 33079 10250 06773 06824 39691 19263 79162 43178
82459 82910 70556 86532 34172 31323 37540 24474 31084 12346
27223 06980 70220 21828 47448 91208 02100 10971 22255 12567
54798 50401 31031 74224 50301 55686 54800 72284 99076 03945
78066 98776 83808 96274 19671 89676 68233 45658 91083 10126
91999 95048 05579 94050 37513 95316 86726 80365 79685 97750
49632 12937 54529 40792 53376 96514 07544 35699 48075 25800
07819 80824 65015 29850 38799 59190 23283 99001 01649 99051
51344 86495 92148 02142 46998 02009 37068 69274 24150 39253
00945 77997 19832 04857 99214 91987 59923 40693 78623 06869
06997 56860 50868 62147 38726 17489 90387 73940 30306 46573
32258 68199 39306 46002 31129 19111 16411 42998 67114 22351
90468 09119 09616 57899 01298 18050 74974 22091 78687 34336
38919 33587 91023 50268 89735 42968 11980 13098 33091 00620
78715 09772 84463 62612 40017 01379 10099 39255 17809 24478
02446 16009 30493 01524 00999 01459 51537 27554 94491 82018
01747 25332 65370 88058 98679 86137 62494 01157 11620 38391
12994 57137 95551 11293 09230 24612 02584 85668 31782 63683
94244 49218 94415 94522 03100 98339 21956 30489 17120 53717
97011 55497 85240 81880 36481 50300 67550 39896 83779 97392
78552 85399 27738 19213 96914 19139 84082 29331 40179 52228
00462 01321 27837 15305 70942 84979 81225 51751 70913 24617
33679 62200 48344 59069 49371 92494 32317 08142 74284 82284
44792 75171 67745 16464 26531 20378 87968 46628 13112 84718
30037 74728 21986 68902 39764 16132 36505 97280 51868 84256
97859 21282 25909 63979 40858 42086 78404 66001 34507 57225
34590 85291 00000

Link 40023

27837/24083/22887 kHz, 08-11, 1015/1030/1045 UTC

11166 40023 12457 08023 00049 00000 00000 00000 00000

27837/24083/22887 kHz, 22-11, 1015/1030/1045 UTC

11166 40023 13467 22001 00049 00000 00000 00000 00000

Link 60070

10523/8131/7765 kHz, 14-11, 0030/0040/0050 UTC

11166 60070 49357 14001 00049 00000 00000 00000 00000

10523/8131/7765 kHz, 21-11, 0030/0040/0050 UTC

11166 60070 12457 21056 00049 00000 00000 00000 00000

10523/8131/7765 kHz, 28-11, 0030/0040/0050 UTC

Null message

Link 60081

11427/9071 kHz, 01-11, 1300/1320 UTC

11166 60081 12345 01069 00049 00000 00000 00000 00000

11427 kHz, 08-11, 1300 11100 60081 12478 08025 00049 00000 00000 00000 00000
9071 kHz, 08-11, 1320 UTC 11166 60081 12478 08025 00049 00000 00000 00000 00000
The first group of both transmissions were different

11427/9071 kHz, 15-11, 1300/1320 UTC
11166 60081 54321 15047 00049 00000 00000 00000 00000

11427/9071 kHz, 22-11, 1300/1320 UTC
11166 60081 67832 22047 00049 00000 00000 00000 00000

11427/9071 kHz, 29-11, 1300/1320 UTC
11166 60081 74695 29069 00049 00000 00000 00000 00000

Link 70059

8174/7316/5929 kHz, 06-11, 0500/0510/0520 UTC
11166 70059 17935 06001 00049 00000 00000 00000 00000

8174/7316/5929 kHz, 20-11, 0500/0510/0520 UTC
11166 70059 68431 20001 00049 00000 00000 00000 00000

Link 70202

12177/10156/8138 kHz, 01-11, 0700/0715/0730 UTC
10231/8082/6869 kHz, 01-11, 1200/1215/1230 UTC
F06a: File 44460 (binary content)

12177/10156/8138 kHz, 02-11, 0700/0710/0720 UTC
10231/8082/6869 kHz, 02-11, 1200/1210/1220 UTC
11166 70202 81067 01061 01799
78072 70389 84246 76420 41432 50052 43184 13578 72284 33483
07913 80944 06884 19138 74475 34425 45248 64187 48500 72868
67440 63639 51879 96490 57180 34000 50758 14321 23195 64059
51188 09605 40965 38922 13200 83783 96197 09841 88340 86310
92081 24634 19130 06688 55309 20883 71539 51002 77421 34603
08296 95195 84077 96785 23047 17695 48838 13341 27411 18769
15369 87387 05252 92316 21852 79224 42553 45422 12739 55320
59050 70618 82922 69272 14593 26663 39359 84083 11384 32132
29893 83567 44717 67389 69500 59494 77945 95413 31955 60921
36674 16757 20599 71100 73988 68575 49872 95672 14684 97888
23566 53132 46193 51307 03951 36057 10779 33782 29371 87770
87037 41104 61514 08392 05952 01129 43952 49678 70822 31325
28987 86123 15849 39864 15977 45503 70374 69686 07531 92135
86388 98747 21283 82553 11485 76894 56470 61184 78796 57690
83772 01176 61637 62598 96755 73574 24713 48050 91534 98063
06014 08618 39793 07427 87098 11838 59775 97756 78575 77495
32948 93979 22263 31976 63987 34761 86752 77374 84758 95329
72441 51720 73586 20341 61264 07367 17475 61177 00000

11166 70202 79485 01062 01599
84137 85427 84260 48672 70757 65884 12147 67424 73618 36649
48402 82786 15165 10611 89974 63120 45884 77292 77078 57397
53836 18259 88713 25140 15135 11144 25412 87433 66525 27337
46156 23143 49048 59658 75608 93594 03551 68435 41928 97209
81684 28883 45708 79941 85505 66306 23951 57436 56213 92044
53358 22734 83840 40553 23843 24384 88675 26618 05851 40916
25130 41361 72256 33709 03167 54344 72045 58940 60663 83823
07836 68025 06943 54546 50080 15783 67736 19212 75983 42795
23600 80841 27654 19898 15589 73566 34596 14935 19839 65534
97134 54001 13336 08302 61483 62019 23379 09639 27914 78970
99290 36065 92923 37497 48916 02103 06708 29221 92340 77909
42601 01630 62940 75243 07490 62306 37123 54987 17579 90447
98413 14817 96679 16615 92577 27548 12333 36767 84997 58247

10669 80542 75136 53862 63462 29837 82293 90093 10970 12517
77010 60269 30555 08301 52102 15849 66417 94749 21621 00657
05133 73322 76506 82393 21037 32610 91148 62157 00000

12177/10156/8138 kHz, 03-11, 0700/0710/0720 UTC

11166 70202 75395 03096 00049 00000 00000 00000 00000

12177/10156/8138 kHz, 06-11, 0700/0715/0730 UTC

10231/8082/6869 kHz, 06-11, 1200/1215/1230 UTC

F06a: [File 44463](#) (binary content)

12177/10156/8138 kHz, 07-11, 0700/0710/0720 UTC

10231/8082/6869 kHz, 07-11, 1200/1210/1220 UTC

11166 70202 45632 03064 01879

02002 29505 26836 79011 24635 87242 51566 48789 33743 81821
09411 61496 08343 78424 51752 76362 31189 98805 02273 61383
65182 47087 04701 25807 84560 09484 40190 00767 46825 57644
62761 10248 16309 10292 26250 99571 75359 32845 01193 13589
84046 79728 05098 41766 74346 09039 94526 72355 89731 24256
92431 22827 06119 22706 49185 38774 95090 55440 60738 78444
15344 28228 92347 25116 43302 98356 81296 94486 78820 46912
17071 29274 86927 31238 22406 98208 61539 47262 83651 41606
22087 56367 03891 30716 78984 56505 77248 33017 28892 02233
07835 00672 65690 03364 21746 24297 18126 56922 45576 19263
50044 92078 49871 36703 84167 32772 80951 16406 35340 07684
29565 23802 64180 62268 09783 38210 87088 52526 46594 84549
03533 25192 95624 25688 26565 14046 43423 57630 27486 07019
61754 74718 30619 63792 14329 97043 19116 88566 39414 77254
37728 87701 56765 28938 03500 66897 72302 43784 60299 47621
78987 89695 38141 07460 77320 07046 03228 74079 63912 45272
09652 27492 61556 06984 88699 90310 89238 91779 36681 10671
95535 56962 87246 67530 03816 37326 79095 53005 42708 91225
55051 11456 60255 65094 53407 64185 00000

11166 70202 65412 03065 02079

40825 04079 83868 44411 99945 90952 83874 19011 77725 63447
62667 86254 38830 85880 21780 28586 44375 83336 59182 73518
95281 52191 90608 44044 03068 07831 56929 39219 11528 86770
03492 74612 17715 45355 42364 37303 65691 22227 33436 35116
11462 56754 45302 44791 82534 80602 81867 88749 80556 24635
85609 95181 00446 08338 53444 21102 64465 03947 26124 43097
94684 92477 37106 45428 72242 53823 31838 60184 56876 58136
93380 39176 65141 50660 35329 62257 30752 47205 47941 11755
95491 82459 08439 67703 04138 78316 91403 03564 01807 24412
40203 87125 57201 88051 85391 16262 60156 95730 21028 44244
66945 53405 74830 74292 91780 97740 33126 28046 67941 95490
06512 17657 26963 33215 47190 76177 69333 64509 53889 25938
25138 06956 25327 89600 28071 05953 48140 73574 51269 07637
30234 78485 78404 08070 15468 16381 08457 70884 40633 39361
17629 30575 20653 09324 26812 23616 72943 63513 48073 14609
16865 55547 08569 09625 09218 76634 75346 73951 01709 86641
29456 96415 31321 09721 62824 67480 79537 74169 96310 63292
61354 01220 42397 52883 30002 72438 60945 70693 08344 30430
81456 21620 82856 92525 90270 10775 21161 82150 06145 15131
99013 07551 92653 39251 47711 42577 80837 22297 57849 89198
00543 88477 00356 26451 43895 65205 00000

12177/10156/8138 kHz, 08-11, 0700/0715/0730 UTC

10231/8082/6869 kHz, 08-11, 1200/1215/1230 UTC

F06a: [File 44466](#) (binary content)

12177/10156/8138 kHz, 09-11, 0700/0710/0720 UTC

10231/8082/6869 kHz, 09-11, 1200/1210/1220 UTC

11166 70202 40357 08067 01879

65297 03035 78748 77015 03185 15390 25988 64656 36708 52466
36909 92749 08956 87189 25974 56981 64165 89851 06681 54899
82900 51618 26822 90174 58319 26418 84627 42221 20612 36176
27075 04198 35471 04530 12884 64727 98889 17356 21230 52878
96237 94893 95622 92734 79386 35762 53148 11639 66115 54540
98552 95778 85580 41867 75582 08740 96686 36449 16226 56267
77891 24940 14227 01982 34592 84216 66132 36930 62229 93710
10908 37542 02282 27585 17062 90515 38499 17260 67584 19946
72601 11248 15742 17355 91419 10888 80144 98147 36521 12846
07909 54942 33121 89126 27680 06756 88233 31820 38906 39502
64167 21191 89400 87902 32906 90108 02504 86903 56259 36376
35223 63539 83000 33428 59957 10021 17911 26467 09304 42098
45734 75135 55326 68412 11601 61159 08268 88641 31701 99828
09408 77007 05137 84790 40848 46995 55184 90149 76132 46655
25519 14407 89005 43764 48476 66306 78623 95616 21580 12738
26445 87470 72916 77310 96320 95706 59424 95755 52348 34615
05831 76445 81126 76546 71339 61640 44579 66010 31039 33804
02397 12862 26134 32863 91725 98922 86913 69024 78930 54648
29938 64742 77726 79913 36834 67185 00000

11166 70202 72458 08068 01999

09820 40441 23305 76653 47551 85935 52870 62993 67771 22014
73578 02154 96524 28076 94355 56764 62373 92374 21762 07489
58736 02174 68138 22501 64308 81639 60640 05121 28772 07552
26631 32918 06429 40579 51013 58852 63403 76220 59955 38695
38205 42868 47774 53406 19147 76901 23533 25312 89142 64026
09348 18361 10234 27337 02502 75934 42506 07099 13805 51385
24042 20393 63465 84068 41490 04479 01395 91791 64801 08131
41358 62105 58005 85665 72848 99260 65581 74669 67913 95741
90525 87474 00707 06600 77199 96298 65389 03843 43537 05344
52438 39969 53942 88640 87581 12333 08950 81543 97265 02799
81015 88571 59443 87499 26792 56027 05638 65270 94004 12185
65304 79253 55894 97357 72109 40094 40142 28735 56183 31334
09004 86158 50429 62869 66643 27692 86175 51271 99418 78512
11063 86674 81580 90901 66662 88975 31259 51368 98794 14004
74526 51599 17064 67229 16655 14562 98646 06855 70801 71198
48072 68026 46756 95825 58397 71260 15277 38337 25496 98000
15573 04569 44980 09536 99248 71129 18623 57848 78943 15039
11389 70445 77352 70682 22303 83781 58620 35317 34045 33989
54037 14164 57587 41969 25009 44905 07783 80012 62111 48080
65129 44121 28954 31832 46852 22632 50273 68197 00000

12177/10156/8138 kHz, 10-11, 0700/0710/0720 UTC

11166 70202 25493 10051 00049 00000 00000 00000 00000

12177/10156/8138 kHz, 13-11, 0700/0715/0730 UTC

10231/8082/6869 kHz, 13-11, 1200/1215/1230 UTC

F06a: File 44469 (binary content)

12177/10156/8138 kHz, 14-11, 0700/0710/0720 UTC

10231/8082/6869 kHz, 14-11, 1200/1210/1220 UTC

11166 70202 73941 13070 01839

77923 03743 11034 15945 83840 76850 77821 19587 68506 35931
72070 50078 98013 89443 88718 53346 65230 55673 79971 61073
21060 25985 06555 89065 09342 22846 06640 49513 14795 30421
56749 44161 02747 34548 66051 48874 82660 83989 51667 14742
67308 05596 21373 25483 07773 29759 67707 33441 11617 56828
09327 23201 15795 32434 11025 15734 99586 13208 40523 47125
53825 90185 02826 04889 67593 06362 31437 02562 19585 60349
41309 41827 00425 99953 08105 40079 37783 30706 86242 92728

58384 50354 12046 98763 09486 94678 50963 77687 73055 33727
64605 09829 41688 86153 39065 00030 56788 08913 31269 24072
83654 36674 67055 68444 62276 89912 58177 11392 06027 24695
05208 95364 68793 84127 89002 54604 27532 26101 95626 18028
84919 86525 74216 04284 55541 54303 62206 14584 19902 43851
31125 23386 98530 10784 13517 29096 09974 67072 69868 08355
15324 21291 78085 56600 27764 70571 51651 28133 64130 93426
58252 80279 08154 16023 88806 94918 63426 80713 34559 18484
82766 37178 37220 15280 08340 28272 70706 88222 60784 21838
41251 23685 29019 08936 98497 64055 10141 65090 78773 88817
52350 70181 00000

11166 70202 48670 13071 01539
11310 17173 50598 89377 69079 04437 70803 10266 89636 14575
79250 32292 58983 18863 84434 98653 68184 07850 33800 60154
45423 43147 21377 66447 25832 32416 60780 12659 58963 39654
49815 33791 66143 76545 54285 58505 71505 68028 34368 49434
45729 77930 34951 14459 53415 13538 45775 15933 70208 61762
82459 04879 35344 40770 04767 16476 07155 76729 33642 46422
89113 94811 79847 76454 95130 66913 83148 52912 22738 20750
93485 23415 54740 99931 43077 28779 32897 65564 45413 00040
91838 81658 60944 84752 67919 85556 21750 66057 15412 59107
31561 80854 20958 72991 56594 21304 25795 77725 74486 10759
05067 17622 69096 93616 87529 34690 90756 59506 45564 91501
25392 46720 30484 97893 54322 70728 95711 89698 35651 77207
78817 01969 01804 15104 18861 20827 93276 39568 61391 81069
29928 27437 37002 01807 38157 76976 36979 83263 06803 23205
03857 16814 32041 14041 51414 72005 12244 17576 53411 79992
91040 71151 00000

12177/10156/8138 kHz, 13-11, 0700/0715/0730 UTC

10231/8082/6869 kHz, 13-11, 1200/1215/1230 UTC

F06a: [File 44472](#) (binary content)

12177/10156/8138 kHz, 16-11, 0700/0710/0720 UTC

10231/8082/6869 kHz, 16-11, 1200/1210/1220 UTC

11166 70202 25437 15073 01819
48396 06384 30555 18090 91821 79084 24947 09633 73140 32111
64323 88182 26487 63059 46307 65080 99656 41357 45259 23227
37697 19951 39462 96789 00186 15453 80600 62330 35637 73927
91458 71054 61479 64518 02783 76856 23029 68083 65231 39848
29913 53049 97373 10076 93367 55650 55651 21088 12855 06755
37253 48061 85424 72460 51837 10164 36282 00642 23040 21841
93976 90653 05705 22714 58651 28351 29773 40790 36809 53642
06774 68643 41010 52742 59843 57286 77952 92320 63223 57397
73367 37733 02168 62602 07174 22524 89195 34491 57313 61381
97626 14060 75725 23742 98348 49275 44881 10224 10735 93423
88327 99079 03665 53964 33666 54860 07579 96549 51418 16466
23504 33910 18196 06790 39993 54289 77641 31117 93907 69122
97544 56497 35989 84630 46593 89246 87151 27043 39198 92790
96435 76101 21809 13026 36556 86571 99177 03384 97990 02417
24007 66795 67536 93338 98401 56734 02278 68374 60584 04527
34906 46224 55302 65127 71317 87007 11355 98531 66438 15137
74697 29018 89207 87983 70542 49423 12662 90037 92904 62608
90050 57245 45024 77329 02924 61206 79107 00689 92135 73179
00000

11166 70202 35719 15074 01639
74909 78629 50929 44538 16119 31686 22646 92210 84590 47900
89710 41015 13515 04443 69018 05589 01841 99825 47050 62931
32592 14295 25587 99765 03413 31255 72613 85766 86493 05678
08074 21123 60085 90408 79185 31834 78777 56330 04986 11215
74743 67308 94811 31020 07120 95855 70385 70635 01723 90462

46204 37778 48283 30522 47919 79133 47389 29789 73386 04372
24323 74316 26086 71983 51978 05798 75590 10365 50050 86256
24766 72599 52678 05023 88407 48363 61741 13935 12987 81403
27970 01696 92188 66011 27100 43332 57954 20944 23209 85683
51686 64226 36468 54868 05322 37261 57462 96660 86958 51700
75286 85708 90714 57504 11597 64544 75517 55633 77805 98313
82503 03800 97611 56169 85722 88731 62047 55253 55827 63369
09229 28224 41436 72447 46013 00251 97867 14893 53722 86421
17917 16472 45149 45495 44373 11133 65010 50939 68968 54476
51054 65193 47429 17793 97989 28090 85339 36104 91442 95373
74484 08643 04118 88256 84373 75215 71353 39943 38625 16880
88255 74161 00000

12177/10156/8138 kHz, 17-11, 0700/0710/0720 UTC

11166 70202 85365 17094 00049 00000 00000 00000 00000

12177/10156/8138 kHz, 20-11, 0700/0715/0730 UTC

10231/8082/6869 kHz, 20-11, 1200/1215/1230 UTC

F06a: [File 44475](#) (binary content)

12177/10156/8138 kHz, 21-11, 0700/0710/0720 UTC

10231/8082/6869 kHz, 21-11, 1200/1210/1220 UTC

11166 70202 98610 20076 01979

27242 11010 37547 81767 82166 60602 58844 85089 21703 32035
08961 30639 83013 26326 84089 87193 29759 75454 16486 00485
26649 96130 77687 22687 09903 25808 90966 19906 66006 09643
68797 56542 80694 71592 32283 26812 88502 18759 30890 09509
16365 00368 15629 01090 62273 36893 87512 20923 53515 07227
70724 94146 45911 91633 45433 12837 07112 92667 60885 74895
34429 78055 96126 44051 48568 34384 14745 66131 20937 14340
95513 37740 25832 33392 50255 82752 73892 36210 30164 11711
72259 33834 14531 96785 09808 73325 41240 72239 52969 45461
75018 70315 82209 44098 39461 95229 81872 26895 73340 88103
60378 50061 47867 41043 94747 66233 85978 67498 78526 53466
36310 50666 93833 39046 87568 61806 23485 78021 74457 02320
86339 49140 64598 28109 41585 76190 09203 37010 96093 75249
31700 77587 41738 04614 08864 82112 43170 97100 23775 11215
72051 88727 90209 18569 72053 84744 44608 01941 48089 19047
02989 69345 13843 27990 37348 39624 41932 91022 50316 73141
56688 45630 07368 60041 18058 93340 43557 13035 66314 78084
42081 97277 48982 76463 07974 34157 15334 22851 24847 18875
96792 44360 57008 62565 16011 13924 17943 36521 60995 31517
65181 89438 88499 24098 53866 76195 00000

11166 70202 38759 20077 01899

75387 14639 63982 49763 97032 18381 77901 80229 00117 85994
00222 33950 18642 12149 94537 70382 41817 06684 44431 07951
97321 11332 80648 44567 27603 21870 77576 65870 13565 01895
73984 87983 33533 34035 54663 46034 43620 17666 46691 71456
52328 00376 95158 32203 21770 45887 77521 22487 32543 41105
21831 26230 12377 18715 85570 09403 76388 64347 54678 05157
73927 61049 58622 80124 84861 03316 72117 08248 14314 43309
13019 78058 03557 26320 19760 84221 90336 82469 58379 81531
05793 89491 76524 74642 56734 60813 14533 24715 01334 47908
65214 03177 75725 84893 88301 30813 00739 44319 18742 66235
98361 13693 70769 44343 04226 88066 73383 54224 15385 51377
87325 22747 99038 87606 30395 86036 54653 83804 41186 72037
75202 87943 96274 53309 62110 92929 03406 62020 72102 02790
06283 03177 17292 09727 87338 20108 45539 66746 70892 00641
06633 25788 58633 50830 79095 43681 72307 16126 71912 28221
48758 73856 87050 76256 82702 66400 67500 59585 99533 22770
89275 79880 07142 14452 93033 76374 00758 26073 60900 26309
77820 21385 05011 60008 90753 04853 63853 94039 36994 12974

89227 46439 10724 87496 57371 01686 25652 77187 00000

12177/10156/8138 kHz, 22-11, 0700/0715/0730 UTC

10231/8082/6869 kHz, 22-11, 1200/1215/1230 UTC

F06a: File 44478 (binary content)

12177/10156/8138 kHz, 23-11, 0700/0710/0720 UTC

10231/8082/6869 kHz, 23-11, 1200/1210/1220 UTC

11166 70202 59624 22079 02159

26444 27749 79930 76619 64784 77451 08278 67240 05296 46678
19824 97830 22089 78021 99035 08817 00346 24731 69345 08477
78600 21811 19916 49565 76144 09151 83336 93727 62956 27653
61909 11850 57051 64021 67238 89474 24206 23291 59776 76217
26061 38753 34170 31538 19392 04771 41227 61054 80027 24039
55322 99141 55967 36816 86080 13256 39445 64188 86060 20699
50909 96861 37621 98611 76506 20927 23462 36207 35496 72965
91304 01376 74799 95612 88112 38541 20194 42256 43044 23969
96853 10596 21198 09068 89887 67346 44612 88015 03193 71653
02844 71630 82123 94722 61705 66221 08177 66054 45615 93047
09848 86343 14974 01534 05186 79822 95182 38898 87751 12177
46032 85223 91288 94344 73726 45753 59117 70248 58787 74352
84735 73298 07556 02074 49561 19975 04402 82057 73225 32636
02353 39435 37734 40605 61632 50286 84364 49753 13332 56696
69085 39633 43928 69210 44281 94519 31189 60666 32255 56742
92753 97483 50105 21258 21321 14075 11733 89922 42074 27045
65680 77000 82754 50354 39115 51532 03541 68212 89083 80864
48634 91600 51038 56965 17952 51297 93589 72058 29524 76407
70352 09122 36257 25349 23655 30238 99153 65042 70808 14950
46580 53788 18600 21875 82215 93143 21204 39815 16957 66426
23933 97784 25148 57387 28536 54675 58815 42194 84114 83762
30846 37546 13143 79213 00000

11166 70202 36501 22080 01959

21035 71422 65527 67433 24143 11591 32310 77435 97593 29217
67074 66988 72474 08392 17679 75845 79887 48638 93809 24855
97036 28459 09488 22865 00639 81423 47897 78416 30673 83363
40093 06527 51558 63551 01867 94893 49107 55730 76985 87967
53578 12749 43188 55037 93327 30422 54783 38169 49505 36818
81950 47858 50647 06450 46240 35726 21113 69621 42686 13730
93481 76109 85680 87405 87630 62899 61767 21415 04157 80280
80107 76424 54443 25630 67215 73959 23898 59329 04995 77511
21254 34653 64198 43696 92337 69689 38815 79354 29708 95670
11331 02601 61500 07396 29898 02172 89234 49039 61397 28099
61887 56776 19011 42138 67851 23392 38812 02562 70124 16986
71409 86168 17237 40955 27089 86454 58485 68120 36274 95121
76905 15036 53086 82926 01292 76911 09150 85991 61510 46904
52088 67977 29207 17180 79083 38519 82590 23674 41855 41973
83708 15129 17002 80433 44334 57426 08130 88653 07685 00134
17026 30233 62246 89313 87833 39015 33225 64026 48458 32848
85588 69307 89064 08550 05111 14265 97676 18246 71095 56576
42186 80124 43628 89518 93372 47290 73020 82949 80006 98375
61456 29050 20210 00469 82450 68341 80974 89170 13787 11363
45307 10872 43450 80193 00000

12177/10156/8138 kHz, 24-11, 0700/0710/0720 UTC

11166 70202 37465 24017 00049 00000 00000 00000 00000

12177/10156/8138 kHz, 27-11, 0700/0715/0730 UTC

10231/8082/6869 kHz, 27-11, 1200/1215/1230 UTC

F06a: File 44481 (binary content)

12177/10156/8138 kHz, 28-11, 0700/0710/0720 UTC

10231/8082/6869 kHz, 28-11, 1200/1210/1220 UTC

11166 70202 31258 27082 01839
22213 02255 27660 61571 94972 53303 87036 18466 76274 27827
19162 73805 12392 34708 31030 50435 31882 63382 78090 41980
59783 98597 56817 69459 69424 23172 37223 37598 32750 13415
58752 08043 55137 56925 37986 31654 05611 47433 61612 07071
78407 36377 63071 57726 46831 45914 06345 44520 95323 73037
25302 56306 40703 39499 92056 45417 78489 67216 12756 00385
15277 83860 74258 73054 73069 88298 90122 02292 76535 30598
19353 01446 59099 86263 56331 01781 48829 29393 15384 69042
20038 34462 58410 35363 21553 61397 39020 13688 17574 03641
61607 86896 02076 03892 78804 88834 72678 67210 75756 19418
74923 26176 14643 61003 52910 37774 37895 88231 67203 16723
53545 88492 65973 34899 51132 35244 20289 41576 21622 81338
59516 84140 79762 64553 67745 33994 12321 42530 27192 47312
00637 99279 19512 15354 90924 90467 20960 84014 10778 19653
52332 47297 55289 62672 69639 44405 91248 82352 06431 15129
52836 00750 03719 93224 27267 21088 88443 42466 53798 16599
86404 65064 84574 28438 80601 37134 80707 39874 50931 50898
42056 18936 56156 68320 94138 46697 44111 15849 80602 73404
01059 82181 00000

11166 70202 45089 27083 01379
74728 26453 27252 79955 01097 90342 56444 22183 31365 26311
04256 25221 87037 10125 65712 20117 78017 39610 46518 93287
00815 94459 05854 19227 95838 91450 76219 78466 30968 71013
40009 59235 03562 76079 67526 66235 78131 09159 46095 84998
01834 78571 54987 75233 64988 69779 65827 91623 98802 02755
73180 55501 27487 61320 84996 25834 16956 05397 27613 42973
87297 02100 44989 43587 81200 36626 96869 70224 05526 88856
85562 23945 88206 86621 66012 33455 17674 71561 18868 39184
56985 38532 91224 15739 49850 34467 34724 81172 60732 27664
95714 66513 16230 83413 37140 43978 39907 06908 96861 37319
97769 39385 12089 62738 96574 18417 64613 73798 02161 38312
26531 08783 69985 71538 11137 63931 05050 37129 58688 40992
93417 26993 11715 42530 72491 26075 59567 13421 32258 87303
56894 51981 64665 47253 45731 83135 00000

12177/10156/8138 kHz, 29-11, 0700/0715/0730 UTC

10231/8082/6869 kHz, 29-11, 1200/1215/1230 UTC

F06a: File 44484 (binary content). Header 11166 70202 95162 28084 00009

12177/10156/8138 kHz, 30-11, 0700/0710/0720 UTC

10231/8082/6869 kHz, 30-11, 1200/1210/1220 UTC

11166 70202 27856 29085 01919
74081 22161 83128 39904 05625 72201 36124 71055 82270 91893
54361 07507 70218 38599 61229 61744 03282 18379 42937 50623
15765 46489 84906 10881 36842 98337 96952 11635 08427 87596
72731 42962 67210 65322 13957 71006 87928 41075 81098 67782
00125 73059 78821 88850 20728 99671 45466 33810 66612 20380
23626 80802 49276 03305 23886 04224 76338 28649 18257 56813
09901 49867 01300 13283 46112 13089 39127 20431 95008 59358
20227 58413 73639 41985 27099 65191 46935 85699 76295 44650
25699 46024 58045 22181 43620 77599 52427 95237 21120 47689
53985 37560 11029 48598 74000 40911 96468 56819 26023 91853
39184 97019 90474 81097 41276 19313 25233 22673 81573 62452
13538 31361 99826 30209 64547 09108 02810 00561 40400 58888
07048 49137 46265 40551 83952 32002 48196 68136 61080 08392
56014 82894 20632 98247 71412 98391 29083 14396 94672 62744
36896 10469 20416 74077 46344 21072 46652 31957 68892 83508
05480 72165 01014 49733 34153 32460 48027 52189 39246 82397
47180 38975 48765 01609 14929 08448 56272 74481 41353 09696

19316 37412 57173 26783 52058 23496 23923 46802 06849 58758
60667 14956 31744 57349 14452 92672 07232 99961 24374 85189
00000

11166 70202 63410 29086 02259
78227 94164 63332 25332 43863 03284 85282 30095 13599 59872
84211 30972 32756 97882 79441 83860 40800 10517 56378 38397
11314 16907 91908 84774 36487 60781 85662 20805 49005 24272
88970 36782 81707 95418 40284 26401 54474 62749 39811 08780
91695 21353 07426 67248 57450 25056 88933 96569 27372 17942
43015 61309 83539 85373 85909 15067 63874 37756 01889 58215
99399 82634 72890 31066 80344 57757 82643 42838 91475 99493
07285 96677 29648 27129 55760 14315 74765 26227 10960 83480
38328 87444 00152 58179 66536 49616 25932 74306 64193 03781
92654 56864 47330 16612 77630 46039 28897 32506 54153 16852
12016 19711 02465 12394 91856 31159 19114 56457 50858 83072
01524 19577 80173 31570 97996 12760 55751 07334 95601 18514
89185 82756 53763 02360 28480 13581 95537 94896 09948 92748
01280 53941 85532 98220 29828 77434 16713 67704 23822 60930
71894 38072 76887 94585 19792 46823 88501 18227 65130 25505
67742 71878 47098 22665 46228 06566 79525 37788 01150 13482
98604 36600 53248 69564 24607 45562 63345 62240 70267 52249
65134 62759 61936 83344 03677 93941 75062 73204 56902 79714
12583 15020 32109 89966 96988 40765 12538 96678 18402 63450
18650 14824 29012 28187 11664 59064 82311 39028 77560 89115
09094 55100 94835 93230 90471 63194 14992 80605 22081 39229
95533 90053 84394 54068 07068 40925 07050 66027 89388 01785
75554 16978 66496 86223 00000

Link 79993

5089/7337/9481 kHz, 09-11, 1105/1115/1125 UTC

11100 79993 35679 09028 02679
79886 27809 34691 09578 32028 37487 21592 04896 53973 80549
36298 38967 44917 27554 79524 30002 44023 89921 61377 68536
79052 56818 54516 27027 33053 22370 98982 27732 02560 70399
94629 48600 45733 08869 42079 71811 43874 71212 18154 04706
24760 26763 96723 27741 21231 67429 50898 49206 63469 62850
97496 71348 28408 01184 69754 97616 94704 57722 29178 35715
76720 58540 52501 76126 35937 31342 54680 50830 93259 60700
33854 01872 90628 89886 49224 14487 75387 36463 67774 94463
05850 13833 40775 94429 01478 75938 96021 18756 86148 27289
56715 61754 97907 65507 22960 58873 63669 48585 76777 55557
62301 04033 96610 23481 24515 22107 92224 78829 43021 00318
95961 82312 91367 31381 71279 25611 74910 51822 24514 33936
62353 93411 30801 39385 71285 04619 10094 04788 06165 34269
14220 02729 72177 94605 10905 79434 13420 45921 75713 58209
48825 69967 27831 62106 04288 24321 70637 60534 64416 94886
22994 69465 92348 88744 52204 59951 91079 34504 44557 54628
04718 82374 74416 16893 83130 21128 57778 62443 58404 54138
01240 47876 06557 01699 82316 16012 92938 21791 22040 02654
24767 66497 35786 34460 59229 16253 73257 72610 40579 59106
83562 81967 64688 07197 66338 30410 94463 67621 94834 48033
74593 09883 21917 00896 19037 97111 04912 59006 69709 73241
10241 63237 49800 23331 83775 20854 60149 49216 97852 84333
92134 27681 10888 93188 55497 43342 00522 83454 44545 13418
56243 94540 91174 46587 42420 28143 78146 03116 67676 38879
11053 48436 21556 61364 72411 17378 64411 03389 06328 31225
81448 59903 07161 34796 36872 27490 10630 45730 89062 24011
10803 33165 52734 43117 95786 00000 00000

Note the missing serial-gc postamble: the message is 265 groups long, and group #266 is 00000 instead of 28265; but the header still reports 267 groups as if a serial-gc postamble group was included as group #266. (PY)

Link 80214

17465/14858/11631 kHz, 02-11, 1310/1330/1350 UTC

11166 80214 74196 02057 00049 00000 00000 00000 00000

17465/14858/11631 kHz, 09-11, 1310/1330/1350 UTC

11166 80214 58417 08055 00049 00000 00000 00000 00000

17465/14858/11631 kHz, 16-11, 1310/1330/1350 UTC

11166 80214 69184 15041 00049 00000 00000 00000 00000

17465/14858/11631 kHz, 23-11, 1310/1330/1350 UTC

11166 80214 15946 22066 00049 00000 00000 00000 00000

17465/14858/11631 kHz, 30-11, 1310/1330/1350 UTC

11166 80214 82459 30054 00049 00000 00000 00000 00000

F06a – FSK 200/1000

4059/5263/6925 kHz, 03-11, 0500/0515/0530 UTC	File 04405 (binary contents)
4059/5263/6925 kHz, 09-11/10-11, 0500/0515/0530 UTC	File 44406 (binary contents)
4059/5263/6925 kHz, 16-11/17-11, 0500/0515/0530 UTC	File 44407 (binary contents)
4059/5263/6925 kHz, 23-11/24-11, 0500/0515/0530 UTC	File 44408 (binary contents)

10168 kHz, 14-11, 1520 UTC, in progress. Not decoded

14840/13859/12079 kHz, 25-11, 0700/0710/0720 UTC File 44024 (4061 bytes, binary contents)

Link 40144

6786 kHz, 16-11, 1640 UTC. File 40144-~1.TXT (1979 bytes).

11100 40144 45802 12160 03209

AVMCD PII _____ WHDUQ MGIVC CUWIH
CUDJT ERJWU BQBME XDQUH FDFIFJ POING TQWWJ RROUH FILLA TJHKB
MYOPY JVJXK IIKRM HMYRW IGDVD NGOMV HQMAC CBUEE ECBSN VCOWU
RGMXB GIFEF FNWLD IYFBK LEETC ATVGW FURDN WJLWI TAQLS FVSNV
JTSRK ENQHS VYJQT JQHER LFPCM XPHJF DGLHT FASXY PTEIK YEFXF
NFHQT MRQPS PPGFP CGJXG LFTLQ ANLBH MLELJ CADVN FDQWK SFDPV
TDVMH PFSHU _____TW YHJMC EOUGM UCIBV GSVTM STKVY
JHFTQ PTWNX QKCNB AFCOV QJJWQ JVGLS SRUDS HBGAO XQWII XFINC
OWXWR CTSJU AUXAX URHDV PAIHH TPCSQ NOJFA TLCWJ VD JWY WJSXA
BGPGR TXOOK RYUBT YLWEP QICNG DYTGD QYDYJ HAOWE RMXRP YWPCT
NLXAW EIAYP IGNXF DLFJN CVGCV UTTLR ARKLP CXYAC MXABS YINNA
YVMSG BAWOP OGULW JOUVP NYXTD MTIWN PUYDA NSJAV ARTJG NGCWQ
HNAOH OFLTQ QGUQU IKVKG OHQYC OMBBK RPUXK VHKHQ ERQIM SUWOC
VYBGO LYOAU WGEYW TKWKW CQXQH DEBMN EHLXL GLWJI QESLO MCUPX
TATYM UIPPV JMXJM ROKOA QCMFR WHGTO KKEJE BPVTK TFDGN XBBUI
SJQKA PANQT IIBVF DRDRR YSVJL TOJYT JBLMP BAQGG HXCCP WCUFK
KLROD LDKOW AWAHP SIBPJ DAQAJ QXKUP IXBOX JFQBW BKRNJ DWIXT
GJOTM RJOTH YFERF TBIWG DIMQL AQGJM CSRVQ MNBHG PRARK MBYTI
CKLFI BLQUU UFXUB RREON HSXUX SIDDM CTBJC MXVSD OMNXX DTMGU
MXLWU BMPSF MSHSC MFKOC EBFML YDAPK BLHNU JJXEY DFOLE ATXCQ
OLLHW OYPAE QFBCA YKOKC ECLPI TPYYB CHENC VHWEV KLGJI UTGFQ
RIHQJ QDWAQ ODPVN PMUYH RHSBG YGPUT CMPPF YXOVJ ARVND CUSSL
BYRGU LRTIR JIXVP YDTAK SCPJD NFHCR WELTA AVHXD JBUDN EURBJ
UFNCC QBONC JEUMS WYTPO SBHUP SRQFC QOHS L TDEKX VMRLC DFGMP
GNDFF EHDCH QRIQX VDRRC EBXYA RGWUD DKRKN WNFKQ LVUDF NSDRT
AHOIR GFTPS HIYBE TQBTC QBJWC FBMKC RDUHA EBPEI ITAHQ HBUMF
SBUML PWUIK CGCGY GDACO RTKGC ULRAE MQUIER MFEHB IRPUK SVXRH
WDMJO OIJFU NIGFT TEAEH HCVGI CNOYT TNRQI YMFGT HAMEW JKAGH
SPQHO LFDUY IUNDT XVJVP ANSQF URHVD BCHLA DUGSX CKEUK PLCSY
GJONA VNNJS TKQMF XVHNC AIQQC CCNFP LCMPN FJSRB XGDGI YUYKM
LXSEF QBQIJ NNQSG TFPLF IESNL MIKIE TPBFE BXTGD FRYCR QKYQD
OERDK RSWBC YYXTJ ADOLL HTXAG BDKLQ NUQJI HXVRP YPXNQ

10316/12219/14652 kHz, 27-11, 0800/0810/0820 UTC. File: 00173-~1.TXT (1967 bytes).

11100 00173 34267 25148 03189
 DWYQJ EGCVR NWQJA ALUJK WMAIAH FIVQA JUTDS HSAJW XOTGP ISSTM
 YGJVN FORAB OMYBT UXEWV XJVKM MQJSG XCDXC SKGFX SUKME IJKKB
 TREMI CUMWE QMLUO DSQLY BFFTT ENGXH DEECG ISYJY TUPCD SABUW
 YHNKO GPWBV CWEBY MEEFX KOIOX FWDHE XNDGV YQPLJ AARQP RWCSI
 OIUUB BISXF JMNJW CYTVB DOACR CRMV NKGDW ASAU EPEFB ABCLF
 AQBQY EJQQE YMCBM SSOTQ TQNFT DXTFU PFTLC DFACU VWKLP AGAUP
 YFUYK QJIMU UVLFD HKSHX NDTEO AHICN IGOKB MHS DG AYEY FVYUM
 CWNBV YYEAB IEXKG CSIIS JUTWJ CWRDD MRYOC FSQCT OJALA XEKNE
 VYLGA AIGYO VHAUK FLDCU JGNRV JJQAV MJNSW GUMVQ VKKYN SJSBJ
 PQEAK NHLMD SAWXD JDVJH MPBGT KNLBR NOEQV BJNLR KXXXK KQGV
 RCSQT PNXBJ BHTGQ QSHNM ERRLN UACGS SXVKS HAMUO MCGJT CAXBG
 UIYLO YYCAX JDNMT LPJJO JJULV JUSIF YKXDD OUTCO ALPXC TJGHS
 EVNFH OKLJU TMQUM CNESW HFAUT MJSON LKNXC WTWUI BANGF KVPWV
 GIHJH VWGIT FWRPD APBNB HLSYW HSVG D MSWXJ OMBCP BQAPK KQBI
 GYHTN KFWFP SHLLS MEPMM WDSPT RUYPY CDCWT BQCXP PVEWM DKQWO
 PYVEO DECDX MSWUR GWOQ QMUNI VBMEY BTLUV GXGVH PXRBF PDUDI
 AXWXS KQGIS UUTWY CVXEG KSPFL QKQWM IVUQJ RFPYF EMSPM TJMCQ
 SWJNK ARRYK YPSLB OVAYM HDEBW MFNHH BAGHH OKLDX TMURT AANEK
 TAUMO DVOIP PLING YONTW DQNYH MIYEH GWIHX VJXSX QROOS TNVQU
 NRTQJ DTCNO HRBT F WJBFH FJORT WJIVF XPMNV XMOYU WPEOR UBEQY
 NKPRU UCGLT ASQWI BUOTS FFEMY UIDKE CPIET OPNTF LTBMD KODVT
 OACFN IYGGG SUVFM UDNP O JWYXX AOPMU WJWPW VMUQT MCNRX ALGRC
 XYTCW VSBET HFMSG SCOTJ SHSYD EDOKS BOFYE HHGQY BWYPX PVJUA
 OYDSI PYLCL GEKDK DDMJT YJHUH KGLHM OCHGY BVBHK IJPMX ACENM
 QCAGX AWFDD YVGY S NNDWT JSCHT WPDCG LOUYD BYWGS YARFJ CBSIY
 DQMXN DSLRK WQOTQ CVPIL QUWBX ESFPK DOKYR EPEFO FRHYR SHFTD
 WPGJR QQFQG FTUXN IFKQC PRGPP CYSYB MENXY PWTNR YMXRO ALVCL
 QACRK SPDXR FKSSA VPUSV SWULF PQWDV ITRVK DYOLL JERCI FELSH
 CWYYX VUSPP SGXRL XDXQL TTNJG VDIPR VRPJP YLUUS GEKFU FCCLP
 WPTYW DBNDH BGDRP HOWYO PDKRJ IWD MJ HEPGX FFYIY HQDNS BDEIM
 MSXXH GXQAC KWIFI HIARX OYUHJ SOUWC YNMDV UGYOM WJMYV RFTJC
 UVNMU OHXJB JODQY VTDUY RQJDB AXFVK BJJCB

12227/14423/16283 kHz, 28-11, 1030/1040/1050 UTC. File 10053-~1.TXT (2028 bytes)

11100 10053 28630 26160 03289
 SJVIC FKOHV PXRDL SGIMI BSAFP BMWJC TPYIT BSGPK KEHYC XPLLN
 XKRFL ATRWS KDGQK ABTWQ NKJH XPN O ETLJQ DEEKH EYFNP VFPOU
 DPWLB YQGYX LBCBP LFIAM LYWRA UVTEI EWXAH UADWD HNSMD HBJOK
 RXNJD VMQHP GITEU PBQMO GUHVE ELLMD YRTOC QQHRX QDNXL DEULK
 MKJGA SWYIN UHNFP QCMRS FYXVC HHQJX LSPJQ KBIHJ INWOI XKOJD
 BWDGN VISMB SWXFH PXEYI DQENQ HLKEV IFGEV MCVVN GANNP SNVRD
 KINMS LEBXB UDFYG BJSOF LXYPA HAGDJ YACIW LFLPV QBYGV FPUAH
 JBCHB HJNMX PWKGU CXOXN DDNHE CUDOQ QRCXX XAWRH EYBRE HIDSP
 LUAQM NTSJN TRNTS FKDJR DJDUK NCIYB SWLJR QIEXL OQPUL PQUDI
 UHRK AGSMO JXPMY HNQUM QOBYJ YPNKI VVCSJ SWGVC ICUWL BBTBR
 PKSPE YIWPB BAOCY KEMWH FXCUU OPVDW WBLSV FCHRE OOVRO LIFWN
 KEACW PMPVU TVSNY XLEOR TKAQL VEIEF MNPXR XKEKD DNRUG GSJXJ
 CARAA XSSAE NBSXN VHJWE NJXFV YJTHB IWWRH HABBA XLNSJ WVIQT
 DBGXV SKNYA CURYV NYLWA AEXPJ PDJHW GAOHN PYPUR AGQFT XOBOP
 BANHG EHKRB HEJNE ERNFX NSOFH PEGJD STHMW BGORI QMEYU HNUMB
 MNKWU YJDJP HFMSW GQVQI YWPVY HHSTI GUOTK LXBFQ QRBGN IPGUP
 FYRAB FQFBT OSPRF TRQGH CVDMA SCGOU NAYCJ ANIAW EYHUS UCERU
 DAEBY YIRBY LKLIF ESPKT QTIIS IGQEJ XHBUP NEKVO UAHXL LIWMX
 DTAJY HLYGV UIGJN TOECB CKIPR JTXAS MKYMH GGXJF FLQRQ KEICR
 XLHTF CPDAA BIPYH SPHYT ELCOQ RHTRH EOWEI RPNMT ALNIV XIDWK
 RXYBI SCGOV UWUCB YXSGW GEATR JGVFA UQQXP FVRRW DBLSX EISKA
 JDFMO CACYW ENBGT WKAWM IUSSM UKQLN TCXYE DODCE FLHPW OSLHJ
 HJJWL JWOB ANUDJ ELREI WGHIP XPCVQ RGGXJ NLKVR RQJAX SSFSE
 XRJCN UEWHK FFTKM XHVDG KLBNR LIBPP DTSXV JKMS SJNGE KELKP
 EKJUV ODKWS FRIWT JTUKK TJSWI KCWUW IFJJN JQHLR CAIRJ HMXVE
 FWOOT YRYJG NUAQS PTVCD KEGNH TTAUF YFLUF UFUON JUTDR PMRDN
 TENUI MAXNG WMESX HLGKU LKCUN YXLCD BMDIE TARAB BNFPS MKXYI
 XKQGC IFSQB DLGIQ GNKPH JYGSO DEIWR MJCFD ILJQC EBNGK WTJOD

HCUJL TFFEB IWQEK AOLVU FYYRG DHMTW FNTJM VKCOP PMTIB YKRJW
QLQOY TPPTU CTAHN WGVKF LVOML CFWJI OJRXA MKWYK UXWSO IUANT
DBAXK YMSQT MBAHJ VFIWE BCKIL GEPLM HUSQS PPTHE TGTFD LSQGC
FKQHQ VXPYH BQBET KKHUU FQBSA GEEIQ TCQBW RSULU YQWKY WJBDX
ABQYT JVUAI JBSUR DYYWS DPXDB DVAJ KFHIG

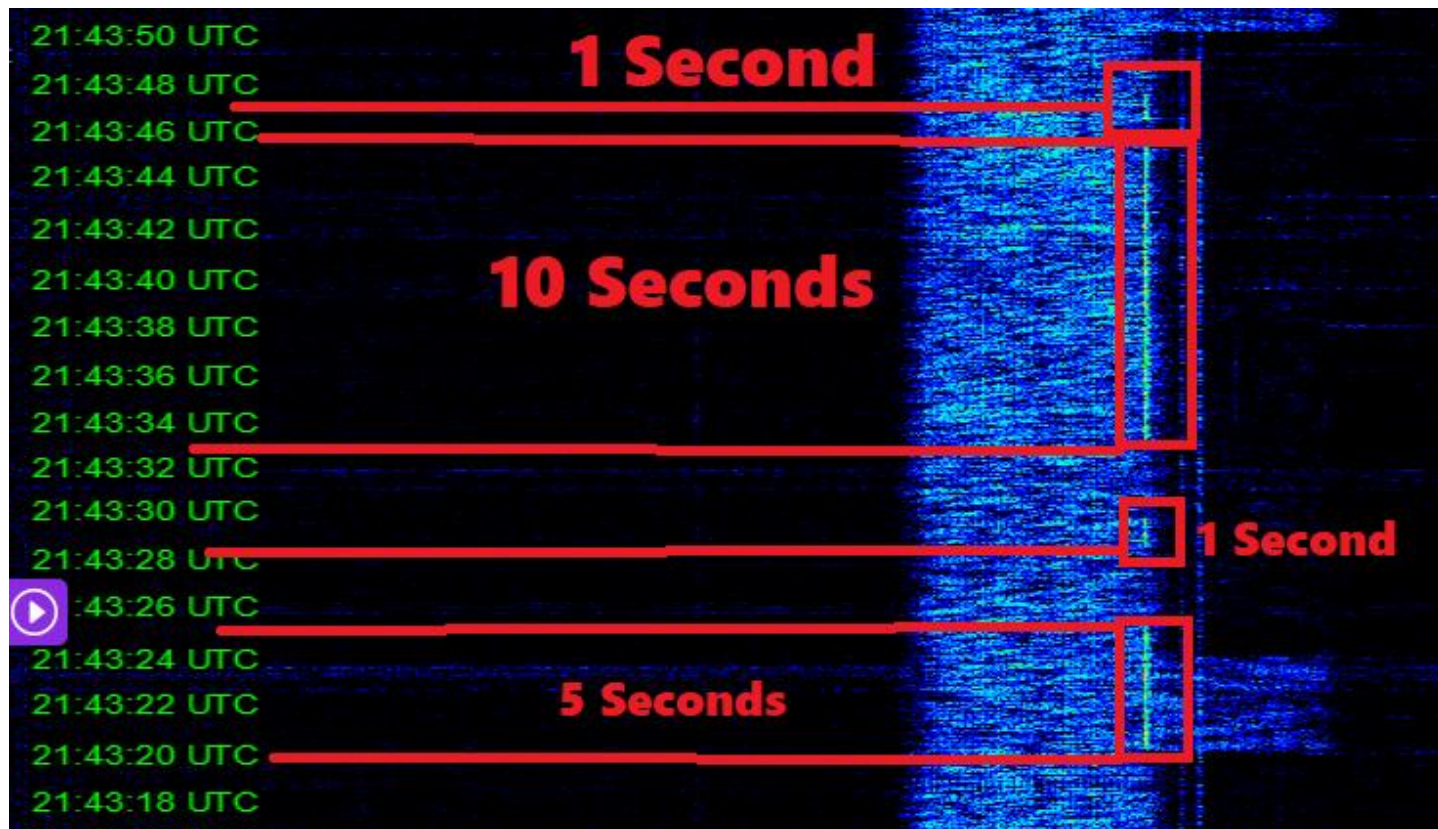
F02 – Russian domestic net

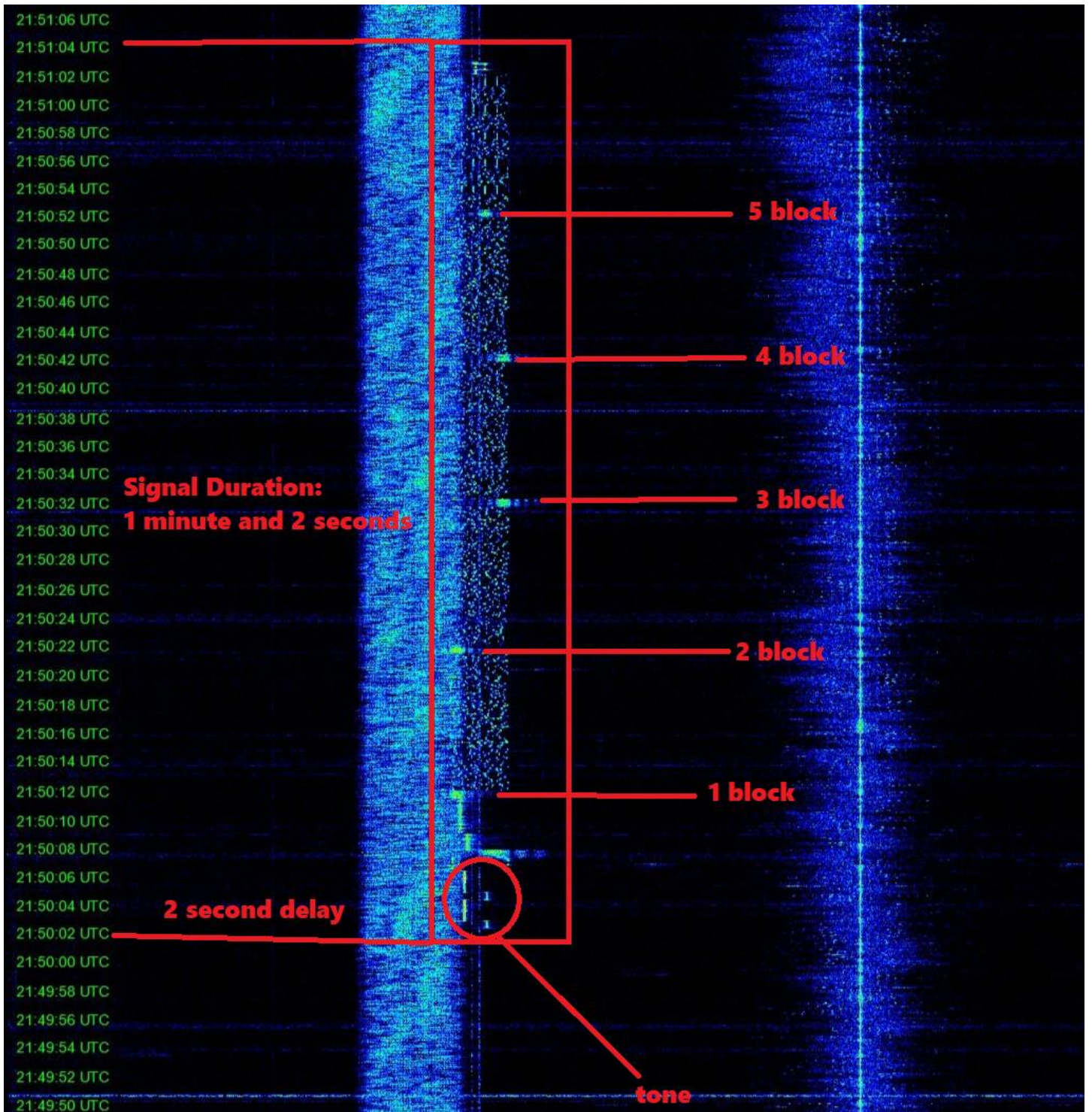
14907 kHz, 10-11, 0833 UTC, MFSK-4/150Bd/4000Hz
15626 kHz, 10-11, 0830 UTC, MFSK-4/150Bd/4000Hz
19422 kHz, 16-11, 1050 UTC, MFSK-4/150Bd/4000Hz
15626 kHz, 17-11, 0830 UTC, MFSK-4/150Bd/4000Hz
14907 kHz, 17-11, 0900 UTC, MFSK-4/150Bd/4000Hz
18451 kHz, 21-11, 0700 UTC, MFSK-4/150Bd/4000Hz
18451 kHz, 21-11, 0730 UTC, MFSK-4/150Bd/4000Hz
15626 kHz, 21-11, 0830 UTC, MFSK-4/150Bd/4000Hz (1hr transmission)
15626 kHz, 24-11, 0830 UTC, MFSK-4/150Bd/4000Hz (50min transmission)
17510 kHz, 30-11, 1023 UTC, MFSK-4/150Bd/4000Hz
15843 kHz, 30-11, 1026 UTC, MFSK-4/150Bd/4000Hz
15843 kHz, 30-11, 1035 UTC, MFSK-4/150Bd/4000Hz
12217 kHz, 30-11, 1038 UTC, MFSK-4/150Bd/4000Hz
12217 kHz, 30-11, 1045 UTC, MFSK-4/150Bd/4000Hz

F07

8182 kHz, 09-11/14-11/16-11/21-11/23-11/28-11/30-11, 2100 UTC
7856 kHz, 09-11/14-11/16-11/21-11/23-11/28-11/30-11, 2110 UTC
7541 kHz, 09-11/14-11/16-11/21-11/23-11/28-11/30-11, 2120 UTC
6992 kHz, 09-11/14-11/16-11/21-11/23-11/28-11/30-11, 2130 UTC
6802 kHz, 09-11/14-11/16-11/21-11/23-11/28-11/30-11, 2140 UTC
5818 kHz, 09-11/14-11/16-11/21-11/23-11/28-11/30-11, 2150 UTC

The images were provided by Teletubby.





HM01 - Dirección General de Inteligencia

No HM01 in November.

P07

8136 kHz, 01-11/05-11/08-11/12-11/15-11/19-11/22-11/26-11/29-11, 1500 UTC
 8074 kHz, 01-11/05-11/08-11/12-11/15-11/19-11/22-11/26-11/29-11, 1510 UTC
 7504 kHz, 01-11/05-11/08-11/12-11/15-11/19-11/22-11/26-11/29-11, 1520 UTC
 6821 kHz, 01-11/05-11/08-11/12-11/15-11/19-11/22-11/26-11/29-11, 1530 UTC
 5848 kHz, 01-11/05-11/08-11/12-11/15-11/19-11/22-11/26-11/29-11, 1540 UTC
 5112 kHz, 01-11/05-11/08-11/12-11/15-11/19-11/22-11/26-11/29-11, 1550 UTC

XPA1

13875/13375/10875 kHz, 01-11, 1310/1330/1350 UTC

838 838 838 000
01033 00001 00000 32654

13875/13375/10875 kHz, 03-11, 1310/1330/1350 UTC

838 838 838 000
05922 00001 00000 36657

13875/13375/10875 kHz, 08-11/10-11/15-11/17-11, 1310/1330/1350 UTC

838 838 838 1 838 838 838 1 838 838 838 1
02804 00102 51099 51115 80178 87602 99301 63250 01190 76712
20358 35584 51061 76790 74184 27461 22857 98336 58550 00174
62583 22565 23503 68306 56926 19090 09411 92990 22467 49745
63903 51912 73936 95865 78381 62163 76369 73822 60685 23880
31467 87148 58053 93205 71140 87819 64304 14038 21963 53158
27648 14739 34679 79283 61976 94077 30067 48834 12286 06352
43447 61875 79604 53176 87043 28464 57401 40445 32633 74313
34919 29171 66069 68074 64821 95495 33151 18480 48124 30157
40973 00482 28476 25465 85973 15266 34165 13057 29696 36871
81734 67551 54830 37262 95866 93409 79252 73574 17092 33143
23559 79941 31923 11718 15120

13875/13375/10875 kHz, 22-11, 1310/1330/1350 UTC

838 838 838 000
01507 00001 00000 37251

13875/13375/10875 kHz, 24-11, 1310/1330/1350 UTC

838 838 838 000
06463 00001 00000 34664

13875/13375/10875 kHz, 29-11, 1310/1330/1350 UTC

838 838 838 000
09010 00001 00000 31262

XPA2

11529/13429/13929 kHz, 0800/0820/0840 UTC

11529/13429/13929 kHz, 01-11, 0800/0820/0840 UTC

05892 00100 06985 71443 12702 99194 02356 12542 43106 60500
12764 51561 94994 08081 62478 88070 47897 94009 79037 23029
46091 68505 18700 66739 24315 74749 74115 05330 86481 21309
67057 53967 81351 53730 03296 38368 61004 01223 85975 78982
19400 11708 30709 99894 40953 79099 93235 12864 83439 60456
73902 57626 67706 18916 23994 94036 31107 71513 49692 72160
92411 64157 12655 92501 24004 73629 90383 15804 66915 89790
36756 64871 75615 37133 35489 68336 55645 31172 77531 78423
66805 27580 75038 65201 01550 96408 76568 63792 27494 27429
73264 88976 72881 76982 78561 32968 72380 77255 60359 40425
06342 46288 76172

11529/13429/13929 kHz, 06-11, 0800/0820/0840 UTC

04040 00001 00000 31260

11529/13429/13929 kHz, 08-11, 0800/0820/0840 UTC

09343 00001 00000 34265

11529/13429/13929 kHz, 13-11, 0800/0820/0840 UTC

08505 00001 00000 36260

11529/13429/13929 kHz, 15-11, 0800/0820/0840 UTC

08585 00001 00000 36270

11529/13429/13929 kHz, 20-11/22-11/27-11/29-11, 0800/0820/0840 UTC

00637 00100 49433 73520 72787 73824 61379 11635 97119 40961
87114 80117 50619 43776 97586 89642 79905 72119 81280 88300
34844 95004 36858 83454 79637 29714 73328 71987 27528 90548
51128 37108 78444 60326 84335 89844 69054 60583 52030 30521
90063 58919 24809 12846 98530 68368 51739 33682 95960 78396
20325 29418 67987 83432 45598 30892 94860 43505 81937 31354
50637 90902 65393 53681 52262 02553 38392 02017 92152 47312
97143 02317 46111 71596 71758 86018 13211 90800 07625 35374
62115 20406 84599 16583 14942 18066 82850 44066 17408 71233
21290 61359 92583 94102 77341 84911 20687 57182 94777 04522
27864 89175 70171

17413/15852/13363 kHz, 0910/0930/0950 UTC

17413/15852/13363 kHz, 01-11, 0910/0930/0950 UTC

01097 00001 00000 34662

17413/15852/13363 kHz, 06-11/08-11/13-11/15-11, 0910/0930/0950 UTC

00595 00137 60943 99234 04661 45466 60794 36078 10132 85884
59935 40158 49756 22859 99759 83196 95473 71664 25512 38111
11006 18724 79347 55631 97992 05789 69593 04514 90780 51985
65957 29959 36590 14287 42314 74290 40104 64263 70168 72395
21689 68062 38347 39946 27319 53914 39869 91690 92286 64630
38930 09734 00195 94598 49826 00885 13352 05187 13608 73270
24166 95080 22260 51657 17045 20978 57116 39609 11132 92292
41840 67059 64973 81662 03231 56550 18876 60517 56503 50630
29584 79551 99096 76988 89031 62222 82732 98403 21624 72600
28310 81913 54815 30641 56903 90682 40743 99269 33593 73628
19434 48564 73188 54603 60293 57716 16987 64721 54028 20521
40154 41349 85712 17495 17093 69430 37125 30648 90081 38351
88191 03967 47522 68792 68275 84826 81556 29264 90140 40747
16068 26408 61728 62771 94123 35311 93348 01648 29811 72236

17413/15852/13363 kHz, 20-11/22-11/27-11/29-11, 0910/0930/0950 UTC

09126 00090 33762 10921 09598 12462 42478 25590 15876 78643
93083 43360 63182 05779 82629 68263 30925 53888 29020 83231
27408 40485 35193 75952 28609 98932 17864 52497 90336 08615
82389 11852 25806 75765 42012 01425 03685 23524 73718 38727
53922 49723 09107 88452 78454 83396 93850 26685 02465 53782
93681 05450 44001 27006 36801 03025 53874 64993 68940 38626
98492 61771 91527 39936 76856 59311 69247 43356 02617 26813
39035 07367 77947 50808 76745 52319 04348 71209 76636 41022
46015 48324 15086 60055 04941 17485 65972 96429 11914 47742
28105 55906 55104

13393/12193/11093 kHz, 1100/1120/1140 UTC

13393/12193/11093 kHz, 01-11/08-11/09-11, 1100/1120/1140 UTC

00691 00193 73544 57523 63743 44249 62627 75682 00095 23543
70892 05163 79429 24773 70020 36597 56150 63339 85159 74068
85866 59312 22474 51560 85887 31965 75655 87527 75473 10728
54218 17128 99698 40468 53126 52721 32092 29662 02581 14379
32757 57448 79351 73811 46858 23412 23970 25085 70430 57227
74622 91463 83040 10396 51037 38728 96855 30730 48268 99837
45870 99153 45919 53744 95764 89691 99776 12377 56020 84039
01102 10445 03481 44190 81975 53358 73518 53060 21264 10984
65385 63394 55982 04848 30980 22121 23364 97391 86665 58406
95886 63257 25661 37366 79772 84506 80270 38104 88822 59021

66853 29931 77032 45979 43187 44847 59441 55060 64292 34772
98898 41162 89643 66804 60216 47954 87162 44080 52783 42966
68375 21908 89185 36343 24512 63197 51632 64202 85817 12690
91498 99639 07515 58923 87395 04773 89262 76058 07686 93279
71831 51496 97786 74498 59370 34364 92383 46312 28984 97267
34300 80898 44322 70422 66249 73235 34366 89511 29384 34139
94811 99819 21429 22463 33916 72713 30093 29544 15074 37901
25579 86305 91855 11106 08260 65056 02001 82671 36408 47661
64345 30656 69522 49556 36930 06930 04874 17579 45554 14826
16548 83571 48846 01648 73347 07601

13393/12193/11093 kHz, 15-11, 1100/1120/1140 UTC

04702 00001 00000 35654

13393/12193/11093 kHz, 16-11, 1100/1120/1140 UTC

05478 00001 00000 37264

13393/12193/11093 kHz, 22-11/23-11/29-11/30-11, 1100/1120/1140 UTC

02932 00078 75963 41048 01421 35576 48517 82341 76482 26899
60151 41997 58112 86440 17737 22893 47627 45807 90742 51396
40451 89787 32191 62819 91275 89599 02221 02544 75689 30337
20864 50672 07897 03094 14673 64855 31137 68540 09279 52351
59160 27658 50568 37856 83325 90712 55704 73752 02724 90668
26665 42714 49563 33619 71826 56626 64097 17394 74885 16518
00123 45156 68267 04649 15829 49925 29622 70455 92958 86202
82038 79178 37680 56062 27249 84287 66090 68313 15143 16976
12132

13968/15968/17468 kHz, 1200/1220/1240 UTC

13968/15968/17468 kHz, 01-11/03-11, 1200/1220/1240 UTC

00385 00231 35546 09338 41274 05316 74481 72748 88236 50018
35391 55947 94373 68494 27673 61731 97947 62132 59380 39332
16190 53217 87240 42297 86169 28299 48314 79077 98258 97264
28246 11387 34592 70135 27915 02073 68152 62339 33269 34070
84913 04330 49506 66479 41183 86985 12404 67617 06100 62605
54443 71973 33461 75021 49776 78893 28254 12648 74184 28618
47794 75832 49759 02259 27291 01552 53480 12329 97117 68263
38643 01052 99147 50590 97038 18071 45610 81156 36764 15886
27964 02514 04706 67916 13816 91338 84578 92035 28244 71678
15182 67756 57742 50288 69865 89033 40911 39402 14956 57568
58767 68450 79355 91480 87671 13035 71022 30722 03786 67623
67816 45983 56407 56079 17473 64819 71633 89293 05712 73946
96083 25242 33044 25991 48784 36105 75021 20882 42777 44176
85972 80507 53388 43958 98582 84223 72718 09176 23872 74067
91886 72798 38611 97004 08956 01184 30565 31197 20658 53657
00762 96722 69544 25955 60919 58089 98586 11516 62113 97752
70425 27555 02135 38911 61660 83667 44083 48371 67561 47555
11335 31848 77716 98804 03292 27170 58275 18985 26409 99688
07239 64506 71175 48673 50304 80766 49815 43489 83923 07251
71937 43008 53139 02254 03311 04467 19271 63363 87327 65181
93176 41391 19137 14012 67815 82494 86082 38415 61442 97416
26708 30250 62685 09507 12527 78558 56310 85859 03941 16897
44645 12753 27019 70432 30662 69245 32984 19674 72709 09995
66837 63600 94900 14764

13968/15968/17468 kHz, 08-11/10-11, 1200/1220/1240 UTC

04005 00213 70240 62344 74107 97029 14570 16452 38510 40160
75967 08416 55662 06210 93455 31661 44399 32469 71740 89674
17433 52958 26121 20064 22047 47635 71393 45772 97342 58128
45855 58925 71538 71445 02720 33904 81614 70446 63136 70530
22885 65967 86630 30843 69112 86677 27575 36980 71129 67110
08132 20632 03679 74805 43921 88676 76174 87818 31589 04942

19678 15700 60564 62848 60926 37327 48821 96577 89021 79610
30163 56419 59447 71512 09971 09474 93727 81009 76674 32290
76458 52412 61658 41871 20021 34675 33341 14475 92124 25237
94215 74261 82425 86702 44169 87943 27129 53359 89080 25086
59585 89772 28075 53727 83806 94944 71215 22181 68609 21896
04347 02621 16266 22582 75436 72632 12238 09262 64774 22106
06724 55750 09835 05382 53544 23721 68420 17580 93239 37112
19582 73045 68659 30241 57684 22745 34107 87117 05722 26123
27485 91458 74264 14058 50807 18466 42008 45257 28536 90666
41829 60861 81161 18356 31802 55041 97868 86784 57490 23698
01500 33679 35610 12900 20443 71637 09195 38137 77522 56718
88546 43626 97145 07117 61949 03936 24596 54941 95480 35329
92225 69580 63894 75622 40457 39920 83851 27357 55615 76389
06305 81705 08827 17297 93321 04863 58510 98189 05777 27271
11507 66752 52894 48122 96657 94648 44692 99209 19707 63145
94849 90919 37814 42508 80064 24540

13968/15968/17468 kHz, 15-11/17-11, 1200/1220/1240 UTC

00252 00147 91602 16731 41871 02782 67439 45356 42865 68053
00828 98245 00825 49445 73635 81195 87059 45437 01266 81285
86444 50111 78045 89672 84256 55005 73450 05228 49344 39679
54560 32093 44463 02164 83851 68328 03124 48276 77404 33348
15040 02187 92843 82374 28221 98034 76671 65205 21710 95201
97284 47387 04042 69413 68258 98799 04260 31530 77119 51821
19154 12182 80433 36794 48678 80157 41507 61212 53129 73487
51778 70904 02548 33775 73167 32094 30257 45636 87601 06775
41373 88490 30192 57117 76601 94694 11103 26477 58428 13875
37173 69625 94459 58367 82601 47996 07389 68435 96065 38227
13451 76181 76144 64435 50045 16845 15937 80061 38893 52160
29071 73373 70373 88172 54717 46708 60160 76062 54602 93855
22478 31182 54641 27643 30315 46272 95417 73371 31071 60209
29298 47838 83209 37407 22403 55439 50675 67556 05062 83047
24483 92270 79606 50879 20952 22395 35461 61216 16695 21103

13968/15968/17468 kHz, 22-11/24-11, 1200/1220/1240 UTC

00159 00212 82071 83448 36355 39094 11741 59718 61567 88367
60843 76550 89477 31657 24646 81865 03084 16727 91106 08988
25595 28173 27128 89655 97106 42357 28131 48452 77745 20293
13737 58650 72651 56712 56732 02952 01846 55524 11345 34572
76927 72704 17465 54264 52916 84068 66270 71641 94396 16682
75199 00159 45391 47134 51240 45912 78724 48483 63979 36062
03059 89358 49627 73507 33178 66071 43857 98754 66941 74851
19894 51106 96530 19304 32200 83715 15602 51475 96849 08893
94083 34554 56466 21167 84801 76011 64325 36841 41885 45792
03451 13197 80017 94593 00371 72609 74663 44177 60599 42639
02800 20233 53995 91501 86853 93468 92976 71497 32024 36541
59696 28692 37639 08688 90250 34945 46860 06034 80857 88664
04793 28690 97056 53416 80502 56143 87634 42436 96564 75553
34514 62993 33689 85493 35050 39763 58887 33941 10423 27709
46720 41852 47098 76856 55194 15536 61887 98269 42606 19474
75373 15989 75446 65121 03908 61926 93581 10863 36419 83460
64454 12117 58090 30469 47658 18003 45485 13325 84088 46313
73633 01410 77908 96861 40429 61410 64175 81333 85345 80205
58599 38956 72299 11256 20227 20882 03545 83308 25732 58243
31115 72316 43940 69974 31836 68551 42448 87069 47582 09791
67825 08988 73858 30944 35719 40289 55856 33833 53693 27903
73004 56099 13318 78334 11004

13968/15968/17468 kHz, 29-11, 1200/1220/1240 UTC

00394 00074 90690 83110 09171 33770 33386 58443 28166 59813
41814 74085 52458 49922 56372 41449 40178 82861 42873 31342
51626 32309 47586 60318 09707 68263 50804 52943 76480 49357
78349 75071 26234 71801 85977 33305 37292 26445 24227 36237

29255 52346 43740 24067 04406 60764 20653 25085 28196 75262
45878 01192 79705 70968 50962 97407 13479 77242 38664 98120
16270 24187 28205 50368 97668 37824 15124 23710 07232 87769
64522 88573 32590 33884 23989 47207 64052

11162/12162/13962 kHz, 0600/0620/0640 UTC

11162/12162/13962 kHz, 02-11, 0600/0620/0640 UTC

00670 00094 28915 33343 78571 88437 16663 39542 20040 88076
90502 51657 25299 24360 77724 29109 39918 59734 20654 68400
50095 26947 71829 27795 46792 47638 63518 70968 36264 98515
13080 19743 33786 08399 44687 19373 40008 83644 66610 12815
26180 28997 48503 51274 50487 59918 61224 09887 49336 62683
00086 48799 11760 17150 30669 54802 62017 46387 54203 27342
11630 71108 98894 42402 52378 66380 00401 62047 66034 78121
97110 48786 89046 21829 88329 52299 07304 25677 85593 83064
23220 24112 10874 30961 20450 39678 33076 16332 88515 93769
41002 71950 55392 76245 20495 79742 51522

11162/12162/13962 kHz, 07-11, 0600/0620/0640 UTC

06076 00001 00000 34265

11162/12162/13962 kHz, 09-11, 0600/0620/0640 UTC

04789 00001 00000 41264

11162/12162/13962 kHz, 14-11/16-11, 0600/0620/0640 UTC

07494 00082 56461 44929 28497 23679 26662 50333 40691 13906
68577 22209 93351 32059 59710 56901 23955 22860 47717 61139
27772 54900 13961 79700 37818 26100 14579 15430 28868 10036
92505 30189 52702 17970 81591 86257 21886 43309 71322 93222
58041 40483 73548 23373 24595 79928 01654 18079 29981 54679
35819 68477 63990 94846 87659 95941 56532 87140 44605 18064
89760 03214 71356 50948 50263 17034 82678 49036 19798 98412
41977 39384 26111 05285 63358 92185 05561 33992 25597 42955
71568 52314 03359 15714 34103

11162/12162/13962 kHz, 21-11, 0600/0620/0640 UTC

006634 00001 00000 36262

11162/12162/13962 kHz, 23-11, 0600/0620/0640 UTC

03042 00001 00000 32257

11162/12162/13962 kHz, 28-11/30-11, 0600/0620/0640 UTC

08954 00093 85046 05561 55374 56094 65741 66260 33141 13475
07027 50590 62337 81175 37481 50935 08478 62118 19555 51094
38545 38059 71286 48378 77818 30227 99166 39542 06235 96922
79422 18755 87111 76673 36436 08082 71578 07958 23226 55679
69897 17571 06049 72304 32593 46663 40231 56423 72648 69590
06046 16478 61392 84674 43282 16396 29627 18317 22415 44856
74175 08865 66123 59241 35656 01843 17299 62382 16577 51904
16975 20878 31906 70472 44879 39070 25195 35731 54687 66806
85631 58694 70552 46296 07495 65855 64901 21598 95648 91364
52779 97365 73559 07208 34738 34713

15985/14885/13885 kHz, 0910/0930/0950 UTC

15985/14885/13885 kHz, 02-11, 0910/0930/0950 UTC

04357 00001 00000 36261

15985/14885/13885 kHz, 04-11, 0910/0930/0950 UTC

09595 00001 00000 36272

15985/14885/13885 kHz, 09-11/11-11/16-11/18-11, 0910/0930/0950 UTC

03087 00156 59835 92558 98829 49106 39948 07349 00865 83308
56469 78868 55524 73738 42877 44312 47449 27401 78514 53331
32075 61770 02733 19610 73209 70801 45628 74775 05077 34220
74683 37577 73381 88804 09861 67905 13592 13488 77027 67085
77207 58688 78845 97742 22353 32989 03497 08893 55415 20204
40003 88599 31523 93054 35716 63847 09436 44358 88538 73922
25724 10477 30709 41230 10920 64321 99570 07231 40009 36258
22649 98575 97082 30055 13001 18770 11934 23948 04727 82329
51954 38856 94967 05140 05580 34311 79682 52608 74115 00440
77597 23254 48746 07871 48223 00458 69152 67929 24075 77786
04670 35478 39336 91563 02273 04333 49096 51703 92349 97799
82135 50781 32679 18087 20033 26981 34734 54396 89504 04514
23494 29001 23786 48302 62514 21110 94640 47009 54274 02283
78255 04539 12859 72274 45034 86829 98484 55396 62339 19928
97309 93964 14826 31349 85921 35129 16528 69630 09283 69557
11804 71359 48690 90226 36316 30521 50887 78699 53145

15985/14885/13885 kHz, 23-11/25-11/30-11, 0910/0930/0950 UTC

00605 00089 50281 18282 67925 64134 58214 36907 73277 59583
19375 93693 06646 95801 87359 77102 30958 79287 57149 73990
51131 39620 49605 25272 03742 44204 09287 88342 78288 50648
57370 11432 15601 91942 87557 12728 91346 48415 03426 37961
24166 47919 66990 60968 43178 47510 06926 66451 46918 24764
48058 05765 58389 36006 69336 99686 66372 08874 05687 45170
45040 50277 44394 61084 60563 30574 27679 13040 14832 36346
32627 64219 25265 09106 69114 63353 01292 34824 59587 82078
12501 54894 74063 00782 41234 74559 94066 73708 61410 50189
20967 46716

13393/12193/11093 kHz, 1100/1120/1140 UTC

13393/12193/11093 kHz, 02-11, 1100/1120/1140 UTC

00691 00193 73544 57523 63743 44249 62627 75682 00095 23543
70892 05163 79429 24773 70020 36597 56150 63339 85159 74068
85866 59312 22474 51560 85887 31965 75655 87527 75473 10728
54218 17128 99698 40468 53126 52721 32092 29662 02581 14379
32757 57448 79351 73811 46858 23412 23970 25085 70430 57227
74622 91463 83040 10396 51037 38728 96855 30730 48268 99837
45870 99153 45919 53744 95764 89691 99776 12377 56020 84039
01102 10445 03481 44190 81975 53358 73518 53060 21264 10984
65385 63394 55982 04848 30980 22121 23364 97391 86665 58406
95886 63257 25661 37366 79772 84506 80270 38104 88822 59021
66853 29931 77032 45979 43187 44847 59441 55060 64292 34772
98898 41162 89643 66804 60216 47954 87162 44080 52783 42966
68375 21908 89185 36343 24512 63197 51632 64202 85817 12690
91498 99639 07515 58923 87395 04773 89262 76058 07686 93279
71831 51496 97786 74498 59370 34364 92383 46312 28984 97267
34300 80898 44322 70422 66249 73235 34366 89511 29384 34139
94811 99819 21429 22463 33916 72713 30093 29544 15074 37901
25579 86305 91855 11106 08260 65056 02001 82671 36408 47661
64345 30656 69522 49556 36930 06930 04874 17579 45554 14826
16548 83571 48846 01648 73347 07601

10223/9223/8123 kHz, 1600/1620/1640 UTC

10223/9223/8123 kHz, 02-11, 1600/1620/1640 UTC

05705 00001 00000 37255

10223/9223/8123 kHz, 07-11/09-11, 1600/1620/1640 UTC

00337 00199 14469 69244 15718 81276 25615 96850 14274 53061
65377 78262 72270 41369 87670 60856 21198 33937 22355 91137
54858 97069 44046 07722 87116 41185 49626 77765 97379 63321

61574 46227 78420 53492 55496 34792 64280 89920 04804 74708
34987 03068 72272 21096 09683 76459 93175 92068 65783 72756
90425 10537 52139 91264 02443 87214 79929 04028 03518 51899
86011 62431 61401 92534 11387 74799 69053 61321 21587 27030
02312 10610 23347 24311 71605 55661 54698 71283 41704 45976
21253 53431 46119 96484 76190 43151 22652 58209 24195 41580
09417 52739 72754 56977 27081 32914 21334 49916 47142 26489
95426 92641 82831 13139 77948 67428 07870 02293 54814 94276
34403 13884 24485 22124 04577 01346 60541 71462 36144 52825
53583 28042 50873 13165 76889 98792 49981 67558 18559 11117
58669 93965 03448 42645 39829 57056 33359 50538 30046 08335
00274 13696 62860 09038 88092 58960 31376 59680 79096 14596
93182 37241 74071 33200 69861 88509 77066 57050 78233 59518
19722 12598 86543 02978 42049 94409 80235 24182 75469 28470
38310 73357 74758 54527 59166 09024 27864 80535 00794 55584
81939 58097 03742 94854 85450 11696 79008 60527 38715 90591
94419 93621 23995 77178 02167 79439 03555 04253 51190 06836
63652 62567

10223/9223/8123 kHz, 14-11, 1600/1620/1640 UTC

04339 00001 00000 37257

10223/9223/8123 kHz, 16-11, 1600/1620/1640 UTC

08515 00001 00000 36261

10223/9223/8123 kHz, 21-11/23-11, 1600/1620/1640 UTC

00703 00213 64517 17388 31850 93424 34830 19006 08275 57581
36442 74878 66497 87767 11153 37807 98610 63653 46692 20989
94237 05312 52647 66985 03264 62841 95288 10412 62918 36735
59530 36364 28100 81277 01904 75515 65164 23810 28726 20665
60014 86437 11046 48016 04616 12919 35300 50047 97383 77059
31396 75592 29023 70167 84086 31734 08570 72369 00748 41178
90212 42109 59042 33252 89327 71033 24184 92294 66146 61986
37632 64508 37491 17950 10180 05075 58978 24222 08670 56458
48380 40568 81799 42079 40883 14311 74327 09243 81662 16486
41388 84733 25059 99919 09644 75835 73784 59276 16718 20995
50181 73567 20764 39301 84481 45818 95565 04060 29647 72687
68287 32014 96777 81902 17212 61219 44483 91953 50825 77306
91490 66512 06488 63047 94643 07835 35251 46149 60048 26382
71705 77590 08816 24568 66518 17450 99986 22384 40706 03914
80157 79061 90032 81672 20207 66729 95147 91618 18993 31193
94050 33297 56931 27984 57570 37934 90549 95719 41389 04588
74738 47567 65596 74718 66960 59294 32487 97175 31956 23818
58457 98601 94890 73359 85269 56452 61665 25050 29288 96179
56957 35217 41148 97755 11400 36994 24683 22649 21945 60586
85962 18176 18788 88311 76542 09196 67372 27772 48254 59845
61771 57939 39877 45319 76518 91194 70273 68719 41509 75726
91479 40926 10642 31960 17779 46403

10223/9223/8123 kHz, 28-11, 1600/1620/1640 UTC

01052 00001 00000 32256

10223/9223/8123 kHz, 30-11, 1600/1620/1640 UTC

02328 00001 00000 36654

16225/17425/19125 kHz, 0900/0920/0940 UTC

16225/17425/19125 kHz, 03-11/05-11, 0900/0920/0940 UTC

00661 00116 46619 75726 26615 88077 98307 13523 22231 18136
34097 92614 34601 56185 61253 32699 22493 81305 73101 01605
57438 55530 47168 22454 35938 55355 23936 33585 09216 19000
87870 33537 61314 17566 70653 25793 09331 14846 26001 08444
26472 57144 56925 54632 23889 96259 44144 25743 15505 51360

54150 84707 39797 52765 36278 55975 23604 80551 30948 99705
13473 60974 48130 53176 45811 50383 01624 69416 87672 87174
39174 83141 14220 88834 46143 84430 88867 42508 03846 26903
07813 20029 60184 58426 54505 05992 76388 63458 24457 14586
91579 86483 38356 26064 06096 97228 90344 39944 56229 02914
22450 35608 06647 72737 91146 67192 08088 64990 16327 53927
21809 63271 87542 12965 49142 49693 16404 38004 67265

16225/17425/19125 kHz, 10-11/12-11, 0900/0920/0940 UTC

03834 00170 36170 45177 05400 56738 35884 47887 70289 76275
04239 18409 80959 02369 48893 56895 22043 65229 83357 39871
07641 20728 10761 58548 23259 09770 76188 06584 41582 81686
53100 78202 20922 63940 53523 56195 14151 92290 85771 60485
66499 89616 42531 78343 13981 46719 73650 10606 55245 99625
36193 80547 47372 48758 49088 77246 92185 54324 04106 65628
95302 80085 96515 98712 17643 33732 24182 20678 40948 98092
72931 38451 64207 47204 26056 30122 39870 57873 23413 44058
96510 55645 95563 27704 90612 76512 26507 38632 29174 08469
11022 54156 30401 35197 75427 74726 75900 42288 59183 33925
85341 40296 23038 95902 51717 55545 24953 58433 66910 55433
99020 12695 33857 23397 50106 77664 19695 99351 21062 44968
13703 48042 47108 94817 78776 99894 47422 15039 70923 78092
51768 16558 06899 34356 74305 68834 29103 11495 60798 10371
95358 01222 05659 67939 12097 84196 44173 18738 79865 09130
82581 25867 08772 10399 74398 95365 49943 08888 15747 13806
98916 34959 40196 33992 76383 79777 19469 93726 05751 80579
45974 60551 10723

16225/17425/19125 kHz, 17-11, 0900/0920/0940 UTC

02041 00001 00000 31656

16225/17425/19125 kHz, 19-11, 0900/0920/0940 UTC

06481 00001 00000 33666

16225/17425/19125 kHz, 24-11/26-11, 0900/0920/0940 UTC

03481 00095 48619 93545 74355 50584 71162 27106 23032 84693
60973 39225 47703 82815 61947 95300 96560 65593 39343 68418
70664 96785 37595 17574 70580 94249 38703 06524 48755 85444
68249 37708 24138 79821 22112 66084 74932 96580 09712 29716
03214 36396 52073 09048 17107 13575 86244 34434 08381 23392
68178 00320 47366 40977 53701 87028 26860 26131 06501 70745
53193 08573 71899 96571 66046 76240 96537 04582 98581 43086
07924 44111 81524 98615 76973 61764 20927 03034 15681 66327
03878 72425 95166 96982 80883 36002 91236 21244 79407 85690
06957 37657 97209 58970 53187 79632 41221 20266

10653/9353/8153 kHz, 1100/1120/1140 UTC

10653/9353/8153 kHz, 03-11/07-11/10-11, 1100/1120/1140 UTC

00508 00098 83090 99218 30049 42444 21430 93226 54051 72551
53202 45331 02662 38117 74130 44604 58680 01320 62431 73504
96573 89441 73281 74249 15426 39162 84208 63576 90987 14125
08506 58699 71104 80318 10778 91914 43942 76636 15076 56213
18932 72511 08709 55971 43925 26654 49110 20289 19681 97125
85109 67615 67148 93767 07054 31606 40203 73105 49603 74696
73886 91695 03074 37940 48316 38916 60153 73337 91479 78350
89590 31793 47271 56138 71219 20811 96265 50376 75014 79471
37164 81399 13057 08377 50617 76689 94437 99176 62175 25251
93874 92928 00664 22078 23945 46464 18158 39375 87974 63833
30610

10653/9353/8153 kHz, 14-11, 1100/1120/1140 UTC

01002 00001 00000 32251

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

08868 00001 00000 41266

10653/9353/8153 kHz, 21-11/24-11/28-11, 1100/1120/1140 UTC

02481 00121 80187 19434 66338 43343 91870 72723 07711 03401
52377 18196 66039 47469 37795 57920 94965 54079 02483 18249
98909 09418 31962 52067 54905 18891 07175 21251 78171 48397
35989 99576 41028 87309 20176 76985 24554 38530 18989 04059
56342 03727 69901 21742 24139 38730 07711 00193 21136 30607
78949 16178 32504 29155 35148 05115 81085 13908 68372 75236
88342 54778 89261 82052 00290 74904 06851 79570 17673 37596
67289 21870 18723 54857 69932 87276 34128 35174 56922 20978
31974 21461 06728 55521 21313 30654 39186 94790 52970 20687
69359 32927 12169 43660 44486 93286 24714 31990 96021 72503
64232 30393 92223 68884 70870 23065 82582 41576 34519 87942
68087 83021 42530 74356 13224 54958 80064 56461 66954 74379
02333 46974 39694 66062

8126/6826/5326 kHz, 1600/1620/1640 UTC

8126/6826/5326 kHz, 04-11, 1600/1620/1640 UTC

05366 00001 00000 35663

8126/6826/5326 kHz, 06-11/11-11, 1600/1620/1640 UTC

00492 00285 52767 99217 88802 96366 46836 89850 01147 83318
92426 23546 11804 99993 52745 75161 81718 35049 17916 77621
89171 44139 46555 42771 46032 49709 97689 07361 51494 74373
53067 33824 09589 30956 26099 70974 04236 60467 09893 63018
31854 42269 76189 81699 29755 34088 94228 75749 13003 96501
48672 96287 55350 28452 58562 97049 07023 36775 89044 00731
33967 10316 55542 03595 11191 35508 38260 44416 94896 50300
56555 27324 92760 37279 88593 46746 92592 67997 25434 02116
69957 45958 24251 26192 67650 39069 03877 60543 09111 90088
21548 05858 61313 23036 55689 03658 74308 10499 63882 24268
86982 74138 00006 54101 41141 17312 74540 51633 97532 23340
43081 03942 26866 42660 22834 94764 28897 92146 21111 77937
39155 36702 46604 65994 74062 54605 28015 20336 23075 43403
28358 14910 37020 90596 96829 45918 17818 56588 83025 24024
63678 22367 90494 52801 31074 46214 20562 03957 00794 17362
06387 43777 80278 42842 77151 91820 67831 28301 36585 82598
30747 88592 26846 05687 60290 24446 96312 80644 01521 06622
43389 81464 05020 83981 58969 61974 61659 18405 83561 29986
82324 40959 41832 66007 47752 93670 33188 50316 67004 91247
92190 01744 96659 09528 56327 71399 65387 41190 46758 85868
94301 02633 20739 06157 92294 84340 74844 57482 74548 66844
03063 27375 30289 03723 47323 27095 55251 98734 25804 70127
17360 93407 88967 86694 12770 96364 86416 22674 70053 02284
90831 46001 79887 67245 20826 25288 55081 47844 65082 20816
33700 47053 11115 22406 06519 03949 78918 22797 48866 63961
14551 35500 97102 96324 97595 35953 90609 91731 49156 57865
72012 60880 49980 36419 55282 16419 51916 32953 33047 44422
26537 29864 97068 72366 00920 71979 92590 93974 33287 07074
90944 44048 48870 25708 40183 18138 69395 71001

8126/6826/5326 kHz, 13-11, 1600/1620/1640 UTC

75766 00001 00000 36666

8126/6826/5326 kHz, 18-11/25-11, 1600/1620/1640 UTC

09810 00001 00000 35262

8126/6826/5326 kHz, 20-11, 1600/1620/1640 UTC

04012 00175 32775 40987 03334 87231 70074 34363 46867 64564
38555 19444 70950 93720 95657 51341 72353 58819 14536 04539
17124 11871 14358 96012 36812 54025 22680 94078 78150 24496
37704 92566 84093 02822 69785 53639 23144 70145 33450 43486
38999 26218 60486 26825 22017 85575 24569 96546 79165 03812
66063 05079 99194 61269 63157 72813 96072 49122 53267 10985
51974 75166 56387 55085 57704 65484 67829 88263 26038 17149
01653 72480 32766 62187 27253 05243 98571 12209 18480 66197
17131 16817 99720 13841 61803 66881 55071 87533 03426 57460
47169 00381 79684 66567 50719 78496 40266 82297 38106 15864
47892 88180 24381 29215 25837 93062 96295 59022 23799 86469
93907 90313 88770 61797 99268 30483 15673 41199 62964 64722
33937 23044 65263 04804 75837 13744 01295 21376 86163 06794
16834 68990 05720 83759 99761 19290 33103 72191 77703 50052
67926 51111 33764 38460 89995 43561 61903 81209 42542 11565
22832 22384 63521 17220 63320 21919 53626 20964 68187 30080
46667 04665 58617 05801 65052 03874 31794 51249 06995 82433
14103 61739 82230 44627 98858 50111 15706 17754

8126/6826/5326 kHz, 27-11, 1600/1620/1640 UTC

06538 00001 00000 37661

14783/13883/12183 kHz, 1200/1220/1240 UTC

14783/13883/12183 kHz, 05-11, 1200/1220/1240 UTC

08296 00001 00000 35271

14783/13883/12183 kHz, 07-11/12-11, 1200/1220/1240 UTC

09064 00069 06077 26806 30153 84533 74640 05106 99729 30155
19412 51615 50167 97257 23807 62445 74647 67551 59656 65372
26728 76011 04248 81535 46968 49739 28118 15270 77191 28499
85951 65876 03102 72980 27325 18177 76115 20131 14285 68933
21089 41894 25777 74163 87424 26269 81432 74904 70797 69456
39510 44012 39180 27364 72583 76726 60850 64186 64668 15451
26150 70535 35101 67400 34243 34383 20306 59507 24496 06879
67116 00136

14783/13883/12183 kHz, 14-11, 1200/1220/1240 UTC

03064 00001 00000 33661

14783/13883/12183 kHz, 19-11, 1200/1220/1240 UTC

06661 00001 00000 34664

14783/13883/12183 kHz, 21-11/26-11, 1200/1220/1240 UTC

00501 00076 05261 25603 15830 78115 73892 72980 93736 21378
15821 91031 05302 60221 15187 69934 05382 28478 13801 26590
85561 92563 84482 39116 23909 03219 32048 25398 52898 00966
82740 94816 02216 36270 54183 11723 47274 09936 83879 47269
19312 03459 76032 27027 76737 20895 78474 51657 62694 59394
44226 47670 28663 91901 40476 74187 22278 17126 86422 44754
92696 19274 72756 88478 04556 72606 64772 84518 02370 19062
19871 29930 95257 87776 69468 68260 32816 24997 26047

14783/13883/12183 kHz, 28-11, 1200/1220/1240 UTC

06274 00001 00000 34265

Evercises/Tests

9142 kHz, 17-11, 1025 UTC

00794 00027 34430 30683 57104 50946 58005 17887 78038 31892
66322 54419 05117 39664 00781 55486 87265 23881 61140 62617
65448 41910 01980 95964 33668 53741 87628 88804 03572 63343

XPB1

16353 kHz, 01-11/04-11/08-11/11-11/15-11/18-11/22-11/25-11/29-11, 1200 UTC
15953 kHz, 01-11/04-11/08-11/11-11/15-11/18-11/22-11/25-11/29-11, 1210 UTC
14953 kHz, 01-11/04-11/08-11/11-11/15-11/18-11/22-11/25-11/29-11, 1220 UTC
13453 kHz, 01-11/04-11/08-11/11-11/15-11/18-11/22-11/25-11/29-11, 1230 UTC
12153 kHz, 01-11/04-11/08-11/11-11/15-11/18-11/22-11/25-11/29-11, 1240 UTC
11453 kHz, 01-11/04-11/08-11/11-11/15-11/18-11/22-11/25-11/29-11, 1250 UTC

20021 kHz, 03-11/07-11/10-11/14-11/17-11/21-11/24-11/28-11, 1300 UTC
19521 kHz, 03-11/07-11/10-11/14-11/17-11/21-11/24-11/28-11, 1310 UTC
18421 kHz, 03-11/07-11/10-11/14-11/17-11/21-11/24-11/28-11, 1320 UTC
17421 kHz, 03-11/07-11/10-11/14-11/17-11/21-11/24-11/28-11, 1330 UTC
16321 kHz, 03-11/07-11/10-11/14-11/17-11/21-11/24-11/28-11, 1340 UTC
15921 kHz, 03-11/07-11/10-11/14-11/17-11/21-11/24-11/28-11, 1350 UTC

13894 kHz, 04-11/06-11/11-11/13-11/18-11/20-11/25-11/27-11, 1100 UTC
13394 kHz, 04-11/06-11/11-11/13-11/18-11/20-11/25-11/27-11, 1110 UTC
12194 kHz, 04-11/06-11/11-11/13-11/18-11/20-11/25-11/27-11, 1120 UTC
11494 kHz, 04-11/06-11/11-11/13-11/18-11/20-11/25-11/27-11, 1130 UTC
11094 kHz, 04-11/06-11/11-11/13-11/18-11/20-11/25-11/27-11, 1140 UTC
10494 kHz, 04-11/06-11/11-11/13-11/18-11/20-11/25-11/27-11, 1150 UTC

13446 kHz, 06-11/07-11/13-11/14-11/20-11/21-11/27-11/28-11, 0600 UTC
14446 kHz, 06-11/07-11/13-11/14-11/20-11/21-11/27-11/28-11, 0610 UTC
14946 kHz, 06-11/07-11/13-11/14-11/20-11/21-11/27-11/28-11, 0620 UTC
15846 kHz, 06-11/07-11/13-11/14-11/20-11/21-11/27-11/28-11, 0630 UTC
16146 kHz, 06-11/07-11/13-11/14-11/20-11/21-11/27-11/28-11, 0640 UTC
17446 kHz, 06-11/07-11/13-11/14-11/20-11/21-11/27-11/28-11, 0650 UTC

DIPLOMATIC STATIONS

Diplomatic stations: Bulgaria

17440 kHz, 06-11, 1325 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 06-11, 1328 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 06-11, 1357 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 07-11, 1326 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 07-11, 1230 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 07-11, 1356 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 08-11, 1327 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 08-11, 1226 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 08-11, 1356 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 09-11, 1326 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 09-11, 1223 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 09-11, 1357 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 10-11, 1326 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 10-11, 1228 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 10-11, 1358 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 13-11, 1323 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 13-11, 1329 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 13-11, 1357 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 14-11, 1332 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 14-11, 1233 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 14-11, 1357 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 15-11, 1326 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 15-11, 1329 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz

18455 kHz, 15-11, 1357 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 16-11, 1325 UTC, RFSM	MFA Sofia wkg unid embassy
18455 kHz, 16-11, 1357 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 17-11, 1325 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 17-11, 1327 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 17-11, 1357 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 20-11, 1325 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 20-11, 1329 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 20-11, 1357 UTC, RFSM	MFA Sofia wkg unid embassy
13365 kHz, 21-11, 1326 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia
18455 kHz, 21-11, 1355 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 22-11, 1327 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 22-11, 1328 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 22-11, 1355 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 24-11, 1324 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 24-11, 1328 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
17440 kHz, 27-11, 1324 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 27-11, 1327 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 27-11, 1357 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 28-11, 1324 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 13365 kHz
13365 kHz, 28-11, 1328 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 16440 kHz
17440 kHz, 29-11, 1330 UTC, RFSM	MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 29-11, 1341 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 29-11, 1357 UTC, RFSM	MFA Sofia wkg unid embassy

Diplomatic stations: Egypt

14623.7 kHz, 07-11, 1127 UTC, SITOR-A 100/170	MFA Cairo clg TVVC: Egyptian embassy Baghdad
14622 kHz, 07-11, 1132 UTC, CODAN	99901: MFA Cairo wkg 00006: Egyptian embassy Baghdad
17427.7 kHz, 14-11, 0808 UTC, SITOR-A 100/170	Egyptian diplo i.p. Ended with KBS KWJM LRGK WDSSF K HUXD +?
8191.7 kHz, 20-11, 1647 UTC, SITOR-A 100/170	71: MFA Cairo message to OOV: Egyptian embassy Islamabad.
11405 kHz, 23-11, 1400 UTC, SITOR-A 100/170	MFA Cairo clg TVVM: Egyptian embassy Kuwait
11405 kHz, 23-11, 1400 UTC, CODAN	99903: MFA Cairo msg to 00004: Egyptian embassy Kuwait
14425 kHz, 23-11, 1408 UTC, SITOR-A 100/170	MFA Cairo clg TVVM: Egyptian embassy Kuwait
16010 kHz, 25-11, 0809 UTC, SITOR-A 100/170	MFA Cairo clg TVQK: unid Egyptian embassy
16010 kHz, 25-11, 0811 UTC, CODAN	MFA Cairo msg to unid Egyptian embassy

Diplomatic stations: North Korea

14100 kHz, 01-11, 1200 UTC, DPRK-ARQ 600 LSB. QSX 14300 kHz
14300 kHz, 01-11, 1200 UTC, DPRK-ARQ 600 LSB. QSX 14100 kHz
13400 kHz, 03-11, 0650 UTC, DPRK-ARQ 600 LSB. QSX 16252 kHz
16252 kHz, 03-11, 0650 UTC, DPRK-ARQ 600 LSB. QSX 13400 kHz
16250 kHz, 03-11, 0710 UTC, DPRK-ARQ 600 LSB
16252 kHz, 03-11, 0820 UTC, DPRK-ARQ 600 LSB. QSX 16250 kHz
16250 kHz, 03-11, 0820 UTC, DPRK-ARQ 600 LSB. QSX 16252 kHz
11050 kHz, 03-11, 0845 UTC, DPRK-ARQ 600 LSB
16252 kHz, 03-11, 1318 UTC, DPRK-ARQ 600 LSB. QSX 16250 kHz
16250 kHz, 03-11, 1318 UTC, DPRK-ARQ 600 LSB. QSX 16252 kHz
16252 kHz, 04-11, 0820 UTC, DPRK-ARQ 600 LSB
14100 kHz, 07-11, 1231 UTC, DPRK-ARQ 600 LSB
14100 kHz, 10-11, 1225 UTC, DPRK-ARQ 600 LSB
13250 kHz, 11-11, 0727 UTC, DPRK-ARQ 200 LSB. QSX 13252 kHz
13252 kHz, 11-11, 0727 UTC, DPRK-ARQ 200 LSB. QSX 13250 kHz
12360 kHz, 11-11, 1220 UTC, DPRK-ARQ 200 LSB
14400 kHz, 13-11, 1438 UTC, DPRK-ARQ 600 LSB
12300 kHz, 21-11, 1200 UTC, DPRK-ARQ 600 LSB
13400 kHz, 23-11, 1259 UTC, DPRK-ARQ 600 LSB
14300 kHz, 25-11, 0730 UTC, DPRK-ARQ 600 LSB
14300 kHz, 25-11, 0830 UTC, DPRK-ARQ 600 LSB
13400 kHz, 27-11, 0633 UTC, DPRK-ARQ 600 LSB. QSX 16252 kHz
16252 kHz, 27-11, 0633 UTC, DPRK-ARQ 600 LSB. QSX 13400 kHz

14600 kHz, 29-11, 0815 UTC, DPRK-ARQ 600 LSB
 14100 kHz, 29-11, 1230 UTC, DPRK-ARQ 600 LSB. QSX 14115 kHz
 14115 kHz, 29-11, 1230 UTC, DPRK-ARQ 600 LSB. QSX 14100 kHz
 14300 kHz, 29-11, 1315 UTC, DPRK-ARQ 600 LSB. QSX 14305 kHz
 14305 kHz, 29-11, 1315 UTC, DPRK-ARQ 600 LSB. QSX 14300 kHz
 14400 kHz, 30-11, 0710 UTC, DPRK-ARQ 600 LSB

Diplomatic stations: Russia

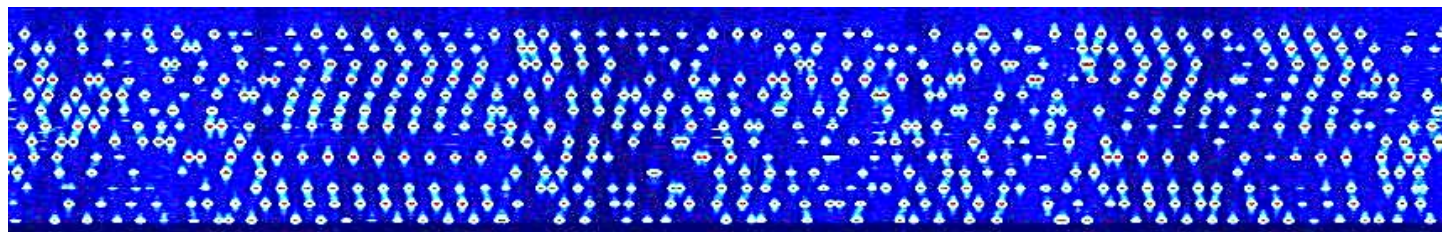
11072 kHz, 01-11, 0823 UTC, Serdolik v2	Russian diplo
11072 kHz, 01-11, 0840 UTC, Serdolik v2	Russian diplo. Selcal
18196 kHz, 02-11, 1000 UTC, MFSK-66	Russian diplo
14547 kHz, 02-11, 1017 UTC, MFSK-66	Russian diplo
18196 kHz, 02-11, 1026 UTC, MFSK-66	Russian diplo
18196 kHz, 02-11, 1030 UTC, MFSK-66	Russian diplo
20627 kHz, 02-11, 1330 UTC, MFSK-6	MFA Moscow clg 436512: Russian embassy Harare
19511 kHz, 02-11, 0827 UTC, MFSK-6	MFA Moscow clg 314265: Russian embassy Antananarivo
17517 kHz, 02-11, 0836 UTC, MFSK-66	Russian diplo
17450 kHz, 02-11, 0930 UTC, MFSK-66	Russian diplo
17450 kHz, 02-11, 0946 UTC, MFSK-66	Russian diplo
17450 kHz, 02-11, 0950 UTC, MFSK-66	Russian diplo
18197 kHz, 02-11, 0952 UTC, MFSK-6	MFA Moscow. Broken X06
18197 kHz, 02-11, 0954 UTC, MFSK-6	MFA Moscow clg 645321: Russian embassy Ho Chi Minh City
16218 kHz, 03-11, 0910 UTC, MFSK-16	MFA Moscow clg 324615: Russian embassy Madrid
15989 kHz, 07-11, 0812 UTC, MFSK-6	MFA Moscow clg 125643: Russian embassy Ulaanbataar
13399 kHz, 07-11, 0913 UTC, MFSK-66	Russian diplo
13401 kHz, 07-11, 0920 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
13436 kHz, 07-11, 0936 UTC, MFSK-66	Russian diplo
18591 kHz, 08-11, 0820 UTC, MFSK-6	MFA Moscow clg 435621: Russian embassy Maputo
13369 kHz, 08-11, 0829 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
18561 kHz, 08-11, 0947 UTC, MFSK-66	Russian diplo
16033 kHz, 08-11, 1345 UTC, MFSK-66	Russian diplo
17444 kHz, 08-11, 1351 UTC, MFSK-6	MFA Moscow clg 435621: Russian embassy Maputo
20950 kHz, 08-11, 0830 UTC, MFSK-6	MFA Moscow clg 435621: Russian embassy Maputo
13419 kHz, 08-11, 0905 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
14812 kHz, 08-11, 0912 UTC, MFSK-6	MFA Moscow clg 263145: Russian embassy Prague
13843 kHz, 09-11, 0808 UTC, MFSK-6	MFA Moscow clg 153624: Russian embassy Damascus
17468 kHz, 13-11, 0806 UTC, Serdolik v2	Russian diplo
17466 kHz, 13-11, 0806 UTC, Serdolik v2	Russian diplo
20690 kHz, 13-11, 0810 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
17466 kHz, 13-11, 0815 UTC, Serdolik v2	Russian diplo
14686 kHz, 13-11, 0924 UTC, Serdolik v2	Russian diplo
19235 kHz, 13-11, 0928 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
13517 kHz, 13-11, 0938 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
16117 kHz, 13-11, 0952 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
17523 kHz, 14-11, 0810 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
14675 kHz, 14-11, 1015 UTC, MFSK-6	MFA Moscow clg 612534: Russian embassy Ashgabat
11125 kHz, 14-11, 1037 UTC, MFSK-6 LSB	MFA Moscow clg 216354: Russian Consulate General Chennai
20813 kHz, 14-11, 1044 UTC, MFSK-6 LSB	MFA Moscow clg 216354: Russian Consulate General Chennai
16115 kHz, 15-11, 1114 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
14650 kHz, 15-11, 1130 UTC, Serdolik v2	Russian diplo
15690 kHz, 15-11, 1200 UTC, Serdolik v2	Russian diplo
15694 kHz, 15-11, 1221 UTC, Serdolik v2	Russian diplo
15696 kHz, 15-11, 1223 UTC, Serdolik v2	Russian diplo
19878 kHz, 15-11, 1231 UTC, MFSK-6	MFA Moscow clg 231654: Russian embassy Abuja
19878 kHz, 15-11, 1245 UTC, MFSK-6	MFA Moscow clg 231654: Russian embassy Abuja
15719 kHz, 15-11, 1537 UTC, Serdolik v2	Russian diplo
13548 kHz, 15-11, 1550 UTC, MFSK-6	MFA Moscow clg 214356: Russian embassy Amman
14655 kHz, 15-11, 1058 UTC, Serdolik v2	Russian diplo
13547 kHz, 17-11, 1024 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
26351 kHz, 20-11, 0807 UTC, MFSK-6	MFA Moscow clg 263514: unid Russian embassy
20675 kHz, 20-11, 0944 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka

18177 kHz, 22-11, 0758 UTC, MFSK-6	MFA Moscow clg 164253: Russian embassy Addis Ababa
13369 kHz, 22-11, 0838 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
11483 kHz, 22-11, 0842 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
13419 kHz, 22-11, 0857 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
16116 kHz, 22-11, 0859 UTC, MFSK-6	MFA Moscow clg 134265: Russian embassy Tunis
11561 kHz, 22-11, 0922 UTC, MFSK-6	MFA Moscow clg 263145: Russian embassy Prague
11562 kHz, 22-11, 0853 UTC, Serdolik v2	Russian diplo
11562 kHz, 22-11, 0903 UTC, Serdolik v2	Russian diplo
11562 kHz, 22-11, 0907 UTC, Serdolik v2	Russian diplo
11562 kHz, 22-11, 0906 UTC, Serdolik v2	Russian diplo
14812 kHz, 22-11, 0920 UTC, MFSK-6	MFA Moscow
14425 kHz, 23-11, 0717 UTC, MFSK-6	MFA Moscow clg 213546: Russian embassy Islamabad
11561 kHz, 23-11, 0923 UTC, MFSK-6	MFA Moscow: Russian embassy 263145: Russian embassy Prague
13512 kHz, 23-11, 0816 UTC, Serdolik v2	Russian diplo
13421 kHz, 23-11, 0824 UTC, Serdolik v2	Russian diplo
20605 kHz, 24-11, 1015 UTC, MFSK-6	MFA Moscow clg 256134: Russian embassy Abidjan

UTILITY ROUND-UP

Unid stations

16730 kHz, 03-11, 1111 UTC, USB	New buzzer
5826 kHz, 24-11, 1637 UTC, USB	Audio feedback
18567 kHz, 15-11, 1145 UTC, MFSK-13	Unid Russian net
16153 kHz, 15-11, 1148 UTC, MFSK-13	Unid Russian net
14547 kHz, 15-11, 1152 UTC, MFSK-13	Unid Russian net
13416 kHz, 15-11, 1156 UTC, MFSK-13	Unid Russian net
13394 kHz, 15-11, 1503 UTC, MFSK-13	Unid Russian net
11576 kHz, 15-11, 1510 UTC, MFSK-13	Unid Russian net
10588 kHz, 15-11, 1514 UTC, MFSK-13	Unid Russian net
9172 kHz, 15-11, 1518 UTC, MFSK-13	Unid Russian net
18567 kHz, 16-11, 1143 UTC, MFSK-13	Unid Russian net
16153 kHz, 16-11, 1146 UTC, MFSK-13	Unid Russian net
14547 kHz, 16-11, 1150 UTC, MFSK-13	Unid Russian net
13416 kHz, 16-11, 1154 UTC, MFSK-13	Unid Russian net
18567 kHz, 16-11, 1333 UTC, MFSK-13	Unid Russian net
16153 kHz, 16-11, 1336 UTC, MFSK-13	Unid Russian net
14547 kHz, 16-11, 1341 UTC, MFSK-13	Unid Russian net
13416 kHz, 16-11, 1344 UTC, MFSK-13	Unid Russian net



MFSK-13

RUSSIAN MILITARY TRANSCRIPTS

Strategic messages

All logged by SOB.

10543 kHz, 10-11, 1515 UTC

XXX XXX 596E 596E 91676 BINTOTYL 0490 4028 K

10543 kHz, 10-11, 1532 UTC

XXX XXX 596E 596E 20158 NEFOTUF 5160 5347 BRyaKOvTUZ 0215 8572 BEKOkhvOshch 4750 9840 OBUkhORULb 4308 5861 K

10543 kHz, 11-11, 1345 UTC

XXX XXX 596E 596E 81187 DEZODORACIya 8613 1207 K

Morse transmissions

Russian Military morse traffic

14410 kHz, 09-11, 0725 UTC, FSK-CW

RDL RDL RDL 94768 30646 94768 30646 94768 30646 K

14410 kHz, 15-11, 1024 UTC, FSK-CW

RDL RDL RDL 97837 58730 97837 58730 97837 58730 K

14410 kHz, 15-11, 1027 UTC, FSK-CW

RDL RDL RDL 47802 65053 47802 65053 47802 65053 K

Russian Navy morse traffic

All logged by SOB:

8345 kHz, 08-11, 1420 UTC

Russian navy ship RCRQ wkg RIT (Northern Fleet HQ). QSX 7467//11155 kHz

11155 kHz, 08-11, 1420 UTC. RIT: Russian Navy Northern Fleet HQ in Severomorsk wkg ship RCRQ. QSX 8345 kHz

RCRQ RCRQ RCRQ DE RIT RIT QSA3 QRV K

RCRQ 684 32 8 1705 684 = SML FOR RIT RIR2 =

11111 02921 15500 12125 65739 73815 26026 78175 42602 05526

58894 19338 08110 18069 16961 30498 46273 86022 15326 31418

77316 28243 69612 65411 61099 97921 68545 51058 08028 =

AR RCRQ K

RIT RPT PBL K

RCRQ RPT 684 32 8 1705 684 K

RIT QSL 684 K

RCRQ OK QRU K

8345 kHz, 08-11, 1517 UTC. Russian navy ship RCRQ wkg RIT (Northern Fleet HQ). QSX 7467//11155 kHz

11155 kHz, 08-11, 1517 UTC. RIT: Russian Navy Northern Fleet HQ in Severomorsk wkg ship RCRQ. QSX 8345 kHz

VVV RIT RIT RIT DE RCRQ RCRQ QSA? QTC K

RCRQ RCRQ RCRQ DE RIT RIT QSA2 QRV K

RCRQ 481 49 8 1801 481 SML FOR RIT RIR2 =

11111 60304 65352 04448 499?2 81430 53808 16290 93490 94377

17791 56704 69267 17764 45890 71794 43757 61254 16528 31977

71743 97584 19495 66288 79645 06127 52733 07839 21287 44131

84768 87257 88743 88714 02380 08035 =

AR RCRQ K

RIT RPT PBL K

RIT RIT RIT DE RCRQ RCRQ QSA? K

RCRQ DE RIT K

RIT DE RCRQ K

RIT RPT PBL K

RCRQ RPT 481 49 8 1801 481 K

RIT NR 481 RPT AA34 K

RCRQ RPT 88743 88714 02380 08035 K

RIT RPT PBL K

RCRQ RPT K

RIT RPT PBL K

RCRQ RPT 481 49

RCRQ DE RIT COL COR PBL K
RCRQ COR COL 481 39 8 1801 481 K
RIT QSL 481 K
RCRQ OK QRU K

5343 kHz, 08-11, 1808 UTC. RIT: Russian Navy Northern Fleet HQ in Severomorsk wkg ship RCRQ. QSX 8345 kHz

8345 kHz, 08-11, 1808 UTC. Russian navy ship RCRQ wkg RIT (Northern Fleet HQ). QSX 5343 kHz

VVV RIT RIT RIT DE RCRQ RCRQ QSA? QTC K
RCRQ RCRQ RCRQ DE RIT RIT QSA2 QRV K
RCRQ 698 16 8 2103 698 = FOR RJH82 RIF4 =
08181 99720 10510 41/97 10508 10020 40100 52020 70111 8100/
22212 0//// 20402 08013 =
AR RCRQ K

RIT QSL 698 K
RCRQ OK QRU K

10543 kHz, 10-11, 1536 and 1606 UTC. RCV: Russian Navy Black Sea Fleet in Sevastopol. Weather report

VVV RIP90 RIP90 RIP90 DE RCV RCV QTC 328 47 10 1646 328 =
NAVIP 033 1198 KARTA 31022 VOSTOchNAya ChASTb SREDIZEMNOGO MORYa STRELbBY vMS NATO 11 NOyaB 0930 DO 1030 I 14
NOyaB 1330 DO 1600 OBkhODITb RAJON 34/37 S 025/11 W 34/37 S 025/58 W 34/17 S 025/58 W 34/17 S 025/11 W OTM eTOT NR
14 1700 NOyaB =
AR

7944 kHz, 15-11, 1540 UTC

RMEG QRV K

RIW 842 63 15 0955 842 = FM RAA =
22941 48001 38201 82720 55001 63645 10505 09559 88735 46706
50840 38204 89051 88055 79592 09571 27519 02215 36444 86430
92555 69696 39844 68171 21688 06024 97725 63478 64189 72140
87487 72157 07368 75080 44578 07892 04762 64839 23093 31586
75597 66166 81412 22640 66279 66625 54330 79367 12960 44257
27192 51049 11489 87348 83726 59693 28224 79433 59305 99693
12428 15061 =

RPT AL AR RIW K

Digital modes

6321 kHz, 16-11, 1653 UTC, Akkord 1200Bd/800Hz	Russian tactical datalink
6321 kHz, 20-11, 1847 UTC, Akkord 1200Bd/800Hz	Russian tactical datalink
6321 kHz, 24-11, 1636 UTC, Akkord 1200Bd/800Hz	Russian tactical datalink
6970 kHz, 28-11, 2130 UTC, Akkord 1200Bd/800Hz	Russian tactical datalink

LOGS SECTION

Due to circumstances I had no time to edit all logs, which result in ca 190 duplicates.

Code	Date	UTC	Freq	Day	Details	Mode	Contributor
---	2-11	1845	5345.8	Thu	Unid station: Education, Lundi	CW	(MPJ)
---	3-11	1111	16730	Fri	New buzzer	USB	(AB)
---	3-11	1322	5345.8	Fri	Unid station: Plat, Kangourou, V, M	CW	(AB)
---	15-11	1145	18567	Wed	Unid Russian net	MFSK-13	(AB)
---	15-11	1148	16153	Wed	Unid Russian net	MFSK-13	(AB)
---	15-11	1152	14547	Wed	Unid Russian net	MFSK-13	(AB)
---	15-11	1156	13416	Wed	Unid Russian net	MFSK-13	(AB)
---	15-11	1503	13394	Wed	Unid Russian net	MFSK-13	(AB)
---	15-11	1510	11576	Wed	Unid Russian net	MFSK-13	(AB)
---	15-11	1514	10588	Wed	Unid Russian net	MFSK-13	(AB)
---	15-11	1518	9172	Wed	Unid Russian net	MFSK-13	(AB)
---	16-11	1143	18567	Thu	Unid Russian net	MFSK-13	(AB)
---	16-11	1146	16153	Thu	Unid Russian net	MFSK-13	(AB)
---	16-11	1150	14547	Thu	Unid Russian net	MFSK-13	(AB)
---	16-11	1154	13416	Thu	Unid Russian net	MFSK-13	(AB)
---	16-11	1333	18567	Thu	Unid Russian net	MFSK-13	(AB)
---	16-11	1336	16153	Thu	Unid Russian net	MFSK-13	(AB)
---	16-11	1341	14547	Thu	Unid Russian net	MFSK-13	(AB)
---	16-11	1344	13416	Thu	Unid Russian net	MFSK-13	(AB)
---	16-11	1653	6321	Thu	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	20-11	1847	6321	Mon	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	24-11	1636	6321	Fri	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	28-11	2130	6970	Tue	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
BUL	6-11	1325	17440	Mon	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	6-11	1328	13365	Mon	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	6-11	1357	18455	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	7-11	1326	17440	Tue	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	7-11	1330	13365	Tue	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	7-11	1356	18455	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	8-11	1326	13365	Wed	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	8-11	1327	17440	Wed	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	8-11	1356	18455	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	9-11	1323	13365	Thu	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	9-11	1326	17440	Thu	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	9-11	1357	18455	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	10-11	1326	17440	Fri	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	10-11	1328	13365	Fri	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	10-11	1358	18455	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	13-11	1323	17440	Mon	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	13-11	1329	13365	Mon	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)

BUL	13-11	1357	18455	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	14-11	1332	17440	Tue	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	14-11	1333	13365	Tue	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	14-11	1357	18455	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	15-11	1326	17440	Wed	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	15-11	1329	13365	Wed	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	15-11	1357	18455	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	16-11	1325	17440	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	16-11	1357	18455	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	17-11	1325	17440	Fri	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	17-11	1327	13365	Fri	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	17-11	1357	18455	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	20-11	1325	17440	Mon	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	20-11	1329	13365	Mon	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	20-11	1357	18455	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	21-11	1326	13365	Tue	Unid Bulgarian embassy wkg MFA Sofia	RFSM	(AB)
BUL	21-11	1355	18455	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	22-11	1327	17440	Wed	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	22-11	1328	13365	Wed	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	22-11	1355	18455	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	24-11	1324	17440	Fri	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	24-11	1328	13365	Fri	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	27-11	1324	17440	Mon	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	27-11	1327	13365	Mon	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	27-11	1357	18455	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	28-11	1324	17440	Tue	MFA Sofia wkg unid embassy. QSX 13365 kHz	RFSM	(AB)
BUL	28-11	1328	13365	Tue	Unid Bulgarian embassy wkg MFA Sofia. QSX 16440 kHz	RFSM	(AB)
BUL	29-11	1330	17440	Wed	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	29-11	1331	13365	Wed	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	29-11	1357	18455	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
DPRK	1-11	1200	14100	Wed	North Korean diplo. QSX 14300 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	1-11	1200	14300	Wed	North Korean diplo. QSX 14100 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	3-11	0650	13400	Fri	North Korean diplo. QSX 16252 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	3-11	0650	16252	Fri	North Korean diplo. QSX 13400 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	3-11	0710	16250	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	3-11	0820	16250	Fri	North Korean diplo. QSX 16252 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	3-11	0820	16252	Fri	North Korean diplo. QSX 16250 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	3-11	0845	11050	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	3-11	1318	16250	Fri	North Korean diplo. QSX 16252 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	3-11	1318	16252	Fri	North Korean diplo. QSX 16250 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	4-11	0820	16252	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	7-11	0650	16252	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	7-11	1210	14300	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	7-11	1231	14100	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	10-11	1225	14100	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11-11	0727	13250	Sat	North Korean diplo. QSX 13252 kHz	DPRK-ARQ 200 LSB	(AB)
DPRK	11-11	0727	13252	Sat	North Korean diplo. QSX 13250 kHz	DPRK-ARQ 200 LSB	(AB)

DPRK	11-11	1220	12360	Sat	North Korean diplo	DPRK-ARQ 200 LSB	(AB)
DPRK	13-11	1438	14400	Mon	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	21-11	1200	12300	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	23-11	1259	13400	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	25-11	0730	14300	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	25-11	0830	14300	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	27-11	0633	13400	Mon	North Korean diplo. QSX 16252 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	27-11	0633	16252	Mon	North Korean diplo. QSX 13400 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	29-11	0815	14600	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	29-11	1230	14100	Wed	North Korean diplo. QSX 14115 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	29-11	1230	14115	Wed	North Korean diplo. QSX 14100 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	29-11	1315	14300	Wed	North Korean diplo. QSX 14305 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	29-11	1315	14305	Wed	North Korean diplo. QSX 14300 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	30-11	0710	14400	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
E06	2-11	0300	16168	Thu	361-482/39=10032 nom. 16163kHz	USB	(HFD)
E06	2-11	0300	16168	Thu	361 482 39 10032 54302 62597 ... 05754 19983 09856 482 39 00000	USB	(PY)
E06	2-11	0400	13863	Thu	361	USB	(HFD)
E06	2-11	0400	13863	Thu	361 482 39 10032 54302 62597 ... 05754 19983 09856 482 39 00000	USB	(PY)
E06	2-11	0600	18285	Thu	507 384 61 28753 34393 94759 ... 27039 27902 58011 384 61 00000	USB	(AB)
E06	2-11	0600	18285	Thu	507-384/61=28753	USB	(HFD)
E06	2-11	0700	20140	Thu	507 384 61 28753 34393 94759 ... 27039 27902 58011 384 61 00000	USB	(AB)
E06	2-11	0700	20140	Thu	507	USB	(HFD)
E06	3-11	0300	16168	Fri	361 482 39 10032 54302 62597 ... 05754 19983 09856 482 39 00000	USB	(PY)
E06	3-11	0400	13863	Fri	361 482 39 10032 54302 62597 ... 05754 19983 09856 482 39 00000	USB	(PY)
E06	3-11	0600	18285	Fri	507 384 61 28753 34393 94759 ... 27039 27902 58011 384 61 00000	USB	(AB)
E06	3-11	0700	20140	Fri	507 384 61 28753 34393 94759 ... 27039 27902 58011 384 61 00000	USB	(AB)
E06	9-11	0300	16163	Thu	361 527 40 24665 49358 31548 ... 79238 40635 41625 527 40 00000	USB	(PY)
E06	9-11	0400	13863	Thu	361 527 40 24665 49358 31548 ... 79238 40635 41625 527 40 00000	USB	(PY)
E06	9-11	1100	10755	Thu	975 (R29m) 148 60 70859 71528 81099 ... 96895 72290 02647 Off	USB	(PY)
E06	10-11	0300	16168	Fri	361 527 40 24665 49358 31548 ... 79238 40635 41625 527 40 00000	USB	(PY)
E06	10-11	0400	13863	Fri	361 527 40 24665 49358 31548 ... 79238 40635 41625 527 40 00000	USB	(PY)
E06	13-11	0210	10673	Mon	537-910/45=89377	USB	(HFD-J)
E06	13-11	0210	10673	Mon	537 910 45 89377 81724 40957 ... 64231 10216 40028 910 45 00000	USB	(PY)
E06	13-11	0310	14398	Mon	537	USB	(HFD-J)
E06	13-11	0310	14398	Mon	537 910 45 89377 81724 40957 ... 64231 10216 40028 910 45 00000	USB	(PY)
E06	14-11	0210	10673	Tue	537 910 45 89377 81724 40957 ... 64231 10216 40028 910 45 00000	USB	(PY)
E06	14-11	0310	14398	Tue	537 910 45 89377 81724 40957 ... 64231 10216 40028 910 45 00000	USB	(PY)
E06	16-11	0300	16170	Thu	361 980 41 92370 69528 43329 ... 23267 92164 56501 980 41 00000	USB	(PY)
E06	16-11	0400	13863	Thu	361 980 41 92370 69528 43329 ... 23267 92164 56501 980 41 00000	USB	(PY)
E06	16-11	0600	18285	Thu	507 149 62 60504 08630 53830 ... 58101 54394 22215 149 62 00000	USB	(AB-KWT)
E06	16-11	0700	20140	Thu	507 149 62 60504 08630 53830 ... 58101 54394 22215 149 62 00000	USB	(AB)
E06	17-11	0300	16170	Fri	361 980 41 92370 69528 43329 ... 23267 92164 56501 980 41 00000	USB	(PY)
E06	17-11	0400	13863	Fri	361 980 41 92370 69528 43329 ... 23267 92164 56501 980 41 00000	USB	(PY)
E06	17-11	0600	18295	Fri	507 149 62 60504 08630 53830 ... 58101 54394 22215 149 62 00000	USB	(AB-KWT)
E06	17-11	0700	20140	Fri	507 149 62 60504 08630 53830 ... 58101 54394 22215 149 62 00000	USB	(AB)
E06	17-11	0700	20140	Fri	507 149 62 60504 08630 53830 ...	USB	(Lac)
E06	20-11	0210	10673	Mon	537 289 46 65541 29138 78553 ... 50477 63802 40936 289 46 00000	USB	(PY)

E06	20-11	0310	14398	Mon	No transmission	USB	(PY)
E06	21-11	0210	10673	Tue	537 289 46 65541 29138 78553 ... 50477 63802 40936 289 46 00000	USB	(PY)
E06	21-11	0310	14398	Tue	537 289 46 65541 29138 78553 ... 50477 63802 40936 289 46 00000	USB	(PY)
E06	23-11	0300	16163	Thu	361 758 42 59745 42086 59460 ... 30308 96897 07823 758 42 00000	USB	(PY)
E06	23-11	0400	13863	Thu	361 758 42 59745 42086 59460 ... 30308 96897 07823 758 42 00000	USB	(PY)
E06	24-11	0300	16173	Fri	361 758 42 59745 42086 59460 ... 30308 96897 07823 758 42 00000	USB	(PY)
E06	24-11	0400	13863	Fri	361 758 42 59745 42086 59460 ... 30308 96897 07823 758 42 00000	USB	(PY)
E06	27-11	0210	10673	Mon	537 160 47 56471 37702 99088 ... 09034 97628 94152 160 47 00000	USB	(PY)
E06	27-11	0310	14398	Mon	537 160 47 56471 37702 99088 ... 09034 97628 94152 160 47 00000	USB	(PY)
E06	28-11	0210	10673	Tue	537 160 47 56471 37702 99088 ... 09034 97628 94152 160 47 00000	USB	(PY)
E06	28-11	0310	14398	Tue	537 160 47 56471 37702 99088 ... 09034 97628 94152 160 47 00000	USB	(PY)
E06	30-11	0300	16173	Thu	361 209 43 04749 18437 53093 ... 66039 32345 13624 209 43 00000	USB	(PY)
E06	30-11	0400	13863	Thu	361 209 43 04749 18437 53093 ... 66039 32345 13624 209 43 00000	USB	(PY)
E07	2-11	1410	11574	Thu	327 327 327 000	USB	(AB/MPJ)
E07	2-11	1410	11574	Thu	327:0	USB	(HFD)
E07	2-11	1410	11574	Thu	327 327 327 000	USB	(Lac)
E07	2-11	1430	10274	Thu	327 327 327 000	USB	(AB/MPJ)
E07	2-11	1430	10274	Thu	327:0	USB	(HFD)
E07	2-11	1430	10274	Thu	327 327 327 000	USB	(Lac)
E07	3-11	1500	14737	Fri	751 751 751 000	USB	(AB/MPJ)
E07	3-11	1500	14737	Fri	751:0	USB	(HFD)
E07	3-11	1520	13537	Fri	751 751 751 000	USB	(AB/MPJ)
E07	3-11	1520	13537	Fri	751:0	USB	(HFD)
E07	4-11	1400	10323	Sat	310 310 310 000	USB	(AB)
E07	4-11	1400	10323	Sat	310:0	USB	(HFD)
E07	4-11	1410	11574	Sat	327 327 327 000	USB	(AB)
E07	4-11	1420	9123	Sat	310 310 310 000	USB	(AB)
E07	4-11	1420	9123	Sat	310:0	USB	(HFD)
E07	4-11	1430	10274	Sat	327 327 327 000	USB	(AB)
E07	5-11	0700	10268	Sun	201 201 201 000	USB	(AB)
E07	5-11	0700	10268	Sun	201:0	USB	(HFD)
E07	5-11	0720	11068	Sun	201 201 201 000	USB	(AB)
E07	5-11	0720	11068	Sun	201:0	USB	(HFD)
E07	7-11	1500	14737	Tue	751 751 751 1 7981 95 7981 95 92305 48839 86362 ... 66490 29776 04074 000 000	USB	(AB/MPJ)
E07	7-11	1500	14737	Tue	751 1 7981 95 92305 48839 86362 ...	USB	(Lac)
E07	7-11	1520	13537	Tue	751 751 751 1 7981 95 7981 95 92305 48839 86362 ... 66490 29776 04074 000 000	USB	(AB/MPJ)
E07	7-11	1520	13537	Tue	751 1 7981 95 92305 48839 86362 ...	USB	(Lac)
E07	7-11	1540	12137	Tue	751 751 751 1 7981 95 7981 95 92305 48839 86362 ... 66490 29776 04074 000 000	USB	(AB/MPJ)
E07	7-11	1540	12137	Tue	751 1 7981 95 92305 48839 86362 ...	USB	(Lac)
E07	9-11	1410	11574	Thu	327 327 327 1 5055 69 5055 69 79613 04602 52536 ... 31946 23108 30974 000 000	USB	(AB)
E07	9-11	1410	11574	Thu	327 1 5055 69 79613 04602 52536 ...	USB	(Lac)
E07	9-11	1430	10274	Thu	327 327 327 1 5055 69 5055 69 79613 04602 52536 ... 31946 23108 30974 000 000	USB	(AB)
E07	9-11	1430	10274	Thu	327 1 5055 69 79613 04602 52536 ...	USB	(Lac)
E07	9-11	1450	9274	Thu	327 327 327 1 5055 69 5055 69 79613 04602 52536 ... 31946 23108 30974 000 000	USB	(AB)
E07	9-11	1450	9274	Thu	327 1 5055 69 79613 04602 52536 ...	USB	(Lac)
E07	10-11	1500	14737	Fri	751 751 751 1 7981 95 7981 95 92305 48839 86362 ... 66490 29776 04074 000 000	USB	(AB/MPJ)
E07	10-11	1520	13537	Fri	751 751 751 1 7981 95 7981 95 92305 48839 86362 ... 66490 29776 04074 000 000	USB	(AB/MPJ)

E07	10-11	1540	12137	Fri	751 751 751 1 7981 95 7981 95 92305 48839 86362 ... 66490 29776 04074 000 000	USB	(AB/MPJ)
E07	11-11	1400	10323	Sat	310 310 310 000	USB	(AB)
E07	11-11	1400	10323	Sat	310 310 310 000	USB	(Lac)
E07	11-11	1410	11574	Sat	327 327 327 1 5055 69 5055 69 79613 04602 52536 ... 31946 23108 30974 000 000	USB	(AB)
E07	11-11	1410	11574	Sat	327 1 5055 69, repeat from 09-11-2023	USB	(Lac)
E07	11-11	1420	9123	Sat	310 310 310 000	USB	(AB)
E07	11-11	1420	9123	Sat	310 310 310 000	USB	(Lac)
E07	11-11	1430	10274	Sat	327 327 327 1 5055 69 5055 69 79613 04602 52536 ... 31946 23108 30974 000 000	USB	(AB)
E07	11-11	1430	10274	Sat	327 1 5055 69, repeat from 09-11-2023	USB	(Lac)
E07	11-11	1450	9274	Sat	327 327 327 1 5055 69 5055 69 79613 04602 52536 ... 31946 23108 30974 000 000	USB	(AB)
E07	11-11	1450	9274	Sat	327 1 5055 69, repeat from 09-11-2023	USB	(Lac)
E07	12-11	0700	10268	Sun	201 201 201 000	USB	(AB)
E07	12-11	0720	11068	Sun	201 201 201 000	USB	(AB)
E07	14-11	1500	14737	Tue	751 751 751 000	USB	(AB)
E07	14-11	1500	14737	Tue	751 000	USB	(Lac)
E07	14-11	1520	13537	Tue	751 751 751 000	USB	(AB)
E07	16-11	1410	11574	Thu	327 327 327 000	USB	(AB/MPJ)
E07	16-11	1430	10274	Thu	327 327 327 000	USB	(AB/MPJ)
E07	17-11	1500	14737	Fri	751 751 751 000	USB	(AB)
E07	17-11	1520	13537	Fri	751 751 751 000	USB	(AB)
E07	18-11	1400	10323	Sat	310 310 310 000	USB	(AB)
E07	18-11	1410	11574	Sat	327 327 327 000	USB	(AB)
E07	18-11	1420	9123	Sat	310 310 310 000	USB	(AB)
E07	18-11	1430	10274	Sat	327 327 327 000	USB	(AB)
E07	19-11	0700	10268	Sun	201 201 201 000	USB	(AB)
E07	19-11	0720	11068	Sun	201 201 201 000	USB	(AB)
E07	21-11	1500	14737	Tue	751 751 751 1 6643 144 6643 144 23447 05914 42402 ... 10863 69211 78167 000 000	USB	(AB)
E07	21-11	1500	14737	Tue	751 1 6643 144 23447 05914 42402 ...	USB	(Lac)
E07	21-11	1520	13537	Tue	751 751 751 1 6643 144 6643 144 23447 05914 42402 ... 10863 69211 78167 000 000	USB	(AB)
E07	21-11	1520	13537	Tue	751 1 6643 144 23447 05914 42402 ...	USB	(Lac)
E07	21-11	1540	12137	Tue	751 751 751 1 6643 144 6643 144 23447 05914 42402 ... 10863 69211 78167 000 000	USB	(AB)
E07	21-11	1540	12137	Tue	751 1 6643 144 23447 05914 42402 ...	USB	(Lac)
E07	23-11	1410	11574	Thu	327 327 327 1 5948 91 5984 91 55059 29907 86910 ... 53733 07703 20392 000 000	USB	(AB)
E07	23-11	1410	11574	Thu	327 1 5948 91 55059 29907 86910 ...	USB	(Lac)
E07	23-11	1430	10274	Thu	327 327 327 1 5948 91 5984 91 55059 29907 86910 ... 53733 07703 20392 000 000	USB	(AB)
E07	23-11	1430	10274	Thu	327 1 5948 91 55059 29907 86910 ...	USB	(Lac)
E07	23-11	1450	9274	Thu	327 327 327 1 5948 91 5984 91 55059 29907 86910 ... 53733 07703 20392 000 000	USB	(AB)
E07	24-11	1500	14737	Fri	751 751 751 1 6643 144 6643 144 23447 05914 42402 ... 10863 69211 78167 000 000	USB	(AB)
E07	24-11	1520	13537	Fri	751 751 751 1 6643 144 6643 144 23447 05914 42402 ... 10863 69211 78167 000 000	USB	(AB)
E07	24-11	1540	12137	Fri	751 751 751 1 6643 144 6643 144 23447 05914 42402 ... 10863 69211 78167 000 000	USB	(AB)
E07	25-11	1400	10323	Sat	310 310 310 000	USB	(AB)
E07	25-11	1410	11574	Sat	327 327 327 1 5948 91 5984 91 55059 29907 86910 ... 53733 07703 20392 000 000	USB	(AB)
E07	25-11	1420	9123	Sat	310 310 310 000	USB	(AB)
E07	25-11	1430	10274	Sat	327 327 327 1 5948 91 5984 91 55059 29907 86910 ... 53733 07703 20392 000 000	USB	(AB)
E07	25-11	1450	9274	Sat	327 327 327 1 5948 91 5984 91 55059 29907 86910 ... 53733 07703 20392 000 000	USB	(AB)
E07	26-11	0700	10268	Sun	201 201 201 000	USB	(AB)
E07	26-11	0720	11068	Sun	201 201 201 000	USB	(AB)

E07	28-11	1500	14737	Tue	751 751 751 000	USB	(AB)
E07	28-11	1520	13537	Tue	751 751 751 000	USB	(AB)
E07	30-11	1410	11574	Thu	327 327 327 000	USB	(AB/MPJ)
E07	30-11	1430	10274	Thu	327 327 327 000	USB	(AB/MPJ)
E11	1-11	0315	8456	Wed	258/00 x9052	USB	(HFD)
E11	1-11	0600	23004	Wed	transmission started about 2m30s late 944/00	USB	(Lac)
E11	1-11	0602	23004	Wed	944/00 Out (late start)	USB	(AB)
E11	1-11	0745	17378	Wed	347/00 Out	USB	(AB)
E11	1-11	0745	17378	Wed	347/00	USB	(HFD)
E11	1-11	0745	12067	Wed	714/00	USB	(Lac)
E11	1-11	0745	17378	Wed	347/00	USB	(Lac)
E11	1-11	0820	14611	Wed	132/00 Out	USB	(AB)
E11	1-11	0820	14611	Wed	132/00	USB	(HFD)
E11	1-11	0820	14611	Wed	132/00	USB	(Lac)
E11	1-11	0845	12067	Wed	714/00 Out	USB	(AB)
E11	1-11	0845	12067	Wed	714/00	USB	(HFD)
E11	1-11	0900	11092	Wed	538/00 Out	USB	(AB)
E11	1-11	0900	11092	Wed	538/00	USB	(HFD)
E11	1-11	1045	11100	Wed	697/00 Out	USB	(AB)
E11	1-11	1205	11559	Wed	465/00 Out	USB	(AB)
E11	1-11	1205	11559	Wed	465/00 x6433	USB	(HFD)
E11	1-11	1715	5082	Wed	976/00 Out	USB	(AB)
E11	1-11	1715	5082	Wed	976/00	USB	(HFD)
E11	1-11	1715	5082	Wed	976/00	USB	(Lac)
E11	1-11	1910	4505	Wed	395/00 Out	USB	(AB)
E11	1-11	1910	4505	Wed	395/00	USB	(HFD)
E11	2-11	0505	12153	Thu	335/00 Out	USB	(AB)
E11	2-11	0505	12153	Thu	335/00	USB	(HFD)
E11	2-11	0645	7840	Thu	512/00 Out	USB	(AB)
E11	2-11	0645	7840	Thu	512/00	USB	(HFD)
E11	2-11	0745	13908	Thu	229/00 Out	USB	(AB)
E11	2-11	0745	13908	Thu	229/00	USB	(HFD)
E11	2-11	0745	13908	Thu	229/00	USB	(Lac)
E11	2-11	0820	6986	Thu	435/00 Out	USB	(AB)
E11	2-11	0820	6986	Thu	435/00 x5149	USB	(HFD)
E11	2-11	0845	17378	Thu	151/00 Out	USB	(AB)
E11	2-11	0845	17378	Thu	151/00	USB	(HFD)
E11	2-11	0845	17378	Thu	151/00	USB	(Lac)
E11	2-11	1300	4909	Thu	310/00 Out	USB	(AB)
E11	2-11	1300	4909	Thu	310/00	USB	(HFD)
E11	2-11	1300	4909	Thu	310/00	USB	(Lac)
E11	2-11	1530	5409	Thu	264/00 Out	USB	(AB)
E11	2-11	1530	5409	Thu	264/00	USB	(HFD)
E11	2-11	1530	5409	Thu	264/00	USB	(Lac)
E11	2-11	1730	5779	Thu	418/00 Out	USB	(AB)
E11	2-11	1730	5779	Thu	418/00	USB	(HFD)
E11	2-11	1900	6849	Thu	646/00 Out	USB	(AB)

E11	2-11	1900	6849	Thu	646/00	USB	(HFD)
E11	3-11	0600	7850	Fri	352/00 Out	USB	(AB)
E11	3-11	0600	7850	Fri	352/00	USB	(HFD)
E11	3-11	0700	6804	Fri	573/00 Out	USB	(AB)
E11	3-11	0700	6804	Fri	573/00	USB	(HFD)
E11	3-11	0715	9130	Fri	639/00 Out	USB	(AB)
E11	3-11	0715	9130	Fri	639/00	USB	(HFD)
E11	3-11	0745	17378	Fri	349/00 Out	USB	(AB)
E11	3-11	0820	6986	Fri	436/00	USB	(Lac)
E11	3-11	0830	23353	Fri	184/00 Out	USB	(AB-POL)
E11	3-11	0830	23353	Fri	184/00 x14940	USB	(HFD)
E11	3-11	1000	9079	Fri	305/00 Out	USB	(AB)
E11	3-11	1000	9079	Fri	305/00	USB	(HFD)
E11	3-11	1715	5082	Fri	978/00 Out	USB	(AB/MPJ)
E11	3-11	1815	6849	Fri	926/00 Out	USB	(AB/MPJ)
E11	3-11	1815	6849	Fri	926/00	USB	(HFD)
E11	3-11	1910	10487	Fri	618/00 Out	USB	(AB/MPJ)
E11	3-11	1910	10487	Fri	618/00	USB	(HFD)
E11	3-11	1910	10487	Fri	618/00	USB	(Lac)
E11	4-11	0700	5371	Sat	495/00 Out	USB	(AB)
E11	4-11	0700	5371	Sat	495/00 x4505	USB	(HFD)
E11	4-11	1430	13363	Sat	918/00 Out	USB	(AB)
E11	4-11	1430	13363	Sat	918/00	USB	(HFD)
E11	4-11	1530	4909	Sat	368/00 Out	USB	(AB)
E11	4-11	1530	4909	Sat	368/00	USB	(HFD)
E11	4-11	1910	4505	Sat	399/00 Out	USB	(AB)
E11	5-11	0600	7850	Sun	351/00 Out	USB	(AB)
E11	5-11	0700	5371	Sun	498/00 Out	USB	(AB)
E11	5-11	1530	4909	Sun	360/00 Out	USB	(AB)
E11	5-11	1605	5432	Sun	233/00 Out	USB	(AB/MPJ)
E11	5-11	1605	5432	Sun	233/00	USB	(HFD)
E11	5-11	1745	12924	Sun	245/00 Out	USB	(AB/MPJ)
E11	5-11	1745	12924	Sun	245/00	USB	(HFD)
E11	5-11	1815	6849	Sun	927/00 Out	USB	(AB/MPJ)
E11	5-11	1910	10487	Sun	616/00 Out	USB	(AB/MPJ)
E11	6-11	0450	4909	Mon	410/00 Out	USB	(AB)
E11	6-11	0715	11104	Mon	757/00	USB	(HFD)
E11	6-11	0715	11104	Mon	757/00	USB	(Lac)
E11	6-11	0745	10213	Mon	269/00 Out	USB	(AB)
E11	6-11	0745	10213	Mon	269/00	USB	(HFD)
E11	6-11	0745	10213	Mon	269/00	USB	(Lac)
E11	6-11	0845	12067	Mon	719/00 Out	USB	(AB)
E11	6-11	0900	11092	Mon	534/00 Out	USB	(AB)
E11	6-11	1045	11100	Mon	690/00 Out	USB	(AB)
E11	6-11	1045	11100	Mon	690/00	USB	(HFD)
E11	6-11	1300	4909	Mon	316/00 Out	USB	(AB)
E11	6-11	1300	4909	Mon	316/00	USB	(Lac)

E11	6-11	1900	6849	Mon	644/00 Out	USB	(AB)
E11	6-11	1900	6849	Mon	644/00	USB	(Lac)
E11	7-11	0505	12153	Tue	338/00 Out	USB	(AB)
E11	7-11	0715	9130	Tue	636/00 Out	USB	(AB)
E11	7-11	0745	13908	Tue	221/00 Out	USB	(AB)
E11	7-11	1205	11559	Tue	462/00 Out	USB	(AB)
E11	7-11	1605	5432	Tue	236/00 Out	USB	(AB)
E11	8-11	0315	8456	Wed	253/38 Attention ...	USB	(TM)
E11	8-11	0715	11104	Wed	750/00 Out	USB	(AB)
E11	8-11	0845	12067	Wed	715/00 Out	USB	(AB)
E11	8-11	0900	11092	Wed	536/00 Out	USB	(AB)
E11	8-11	0930	7469	Wed	275/00 Out	USB	(AB)
E11	8-11	1045	11100	Wed	694/00 Out	USB	(AB)
E11	8-11	1205	11559	Wed	464/00 Out	USB	(AB)
E11	8-11	1910	4505	Wed	395/00 Out	USB	(AB/MPJ)
E11	9-11	0505	12153	Thu	331/00 Out	USB	(AB)
E11	9-11	0745	13908	Thu	225/00 Out	USB	(AB)
E11	9-11	0930	7469	Thu	270/00 Out	USB	(AB)
E11	9-11	1300	4909	Thu	315/00 Out	USB	(AB)
E11	9-11	1530	5409	Thu	264/00 Out	USB	(AB)
E11	9-11	1530	5409	Thu	264/00	USB	(Lac)
E11	9-11	1730	5779	Thu	415/00 Out	USB	(AB)
E11	9-11	1900	6849	Thu	644/00 Out	USB	(AB)
E11	9-11	2000	5082	Thu	527/00 Out	USB	(AB)
E11	10-11	0715	9130	Fri	630/00 Out	USB	(AB)
E11	10-11	0830	23353	Fri	185/00 Out	USB	(AB-POL)
E11	10-11	1910	10487	Fri	618/00 Out	USB	(AB-POL)
E11	10-11	1910	10487	Fri	618/00	USB	(Lac)
E11	11-11	1910	4505	Sat	395/00 Out	USB	(AB)
E11	12-11	1605	5432	Sun	237/00 Out	USB	(AB/MPJ)
E11	12-11	1910	10487	Sun	617/00 Out	USB	(AB/MPJ)
E11	12-11	2000	5082	Sun	521/00 Out	USB	(AB)
E11	12-11	2000	5082	Sun	521/00	USB	(Lac)
E11	13-11	0315	8456	Mon	252/00 Out	USB	(AB)
E11	13-11	0600	23004	Mon	946/00 Out	USB	(AB-POL)
E11	13-11	0600	23004	Mon	946/00	USB	(HFD)
E11	13-11	0715	11104	Mon	755/00 Out	USB	(AB)
E11	13-11	0715	11104	Mon	755/00	USB	(Lac)
E11	13-11	0845	12067	Mon	714/00 Out	USB	(AB)
E11	13-11	0845	12067	Mon	714/00	USB	(Lac)
E11	13-11	1045	11100	Mon	697/00 Out	USB	(AB)
E11	13-11	1045	11100	Mon	697/00	USB	(Lac)
E11	13-11	1300	4909	Mon	310/00 Out	USB	(AB-POL)
E11	13-11	1300	4909	Mon	310/00	USB	(Lac)
E11	13-11	1745	12924	Mon	245/00 Out	USB	(AB)
E11	14-11	0645	7840	Tue	511/00 Out	USB	(AB)
E11	14-11	0700	6804	Tue	574/00 Out	USB	(AB)

E11	14-11	0700	6804	Tue	574/00	USB	(Lac)
E11	14-11	0745	13908	Tue	224/00 Out	USB	(AB)
E11	14-11	0745	13908	Tue	224/00	USB	(Lac)
E11	14-11	0820	14611	Tue	135/00 Out	USB	(AB)
E11	14-11	0820	14611	Tue	135/00	USB	(Lac)
E11	14-11	0845	17378	Tue	159/00 Out	USB	(AB)
E11	14-11	1000	9079	Tue	304/00 Out	USB	(AB)
E11	14-11	1205	11559	Tue	469/00 Out	USB	(AB)
E11	14-11	1430	13363	Tue	910/00 Out	USB	(AB)
E11	14-11	1430	13363	Tue	910/00	USB	(Lac)
E11	15-11	0315	8456	Wed	256/00 Out	USB	(AB)
E11	15-11	0600	23004	Wed	941/00 Out	USB	(AB-POL)
E11	15-11	0715	11104	Wed	751/00 Out	USB	(AB)
E11	15-11	0715	11104	Wed	751/00	USB	(Lac)
E11	15-11	0745	17378	Wed	343/00 Out	USB	(AB)
E11	15-11	0820	14611	Wed	131/00 Out	USB	(AB)
E11	15-11	0845	12067	Wed	714/00 Out	USB	(AB)
E11	15-11	0930	7469	Wed	273/00 Out	USB	(AB)
E11	15-11	1045	11100	Wed	690/00 Out	USB	(AB)
E11	15-11	1205	11559	Wed	465/00 Out	USB	(AB)
E11	15-11	1715	5082	Wed	970/00 Out	USB	(AB)
E11	16-11	0505	12153	Thu	333/00 Out	USB	(TM)
E11	16-11	0645	7840	Thu	517/00 Out	USB	(AB)
E11	16-11	0745	13908	Thu	227/00 Out	USB	(AB)
E11	16-11	0820	6986	Thu	434/00 Out	USB	(AB)
E11	16-11	0845	17378	Thu	157/00 Out	USB	(AB)
E11	16-11	0930	7469	Thu	275/00 Out	USB	(AB)
E11	16-11	1300	4909	Thu	314/00 Out	USB	(AB)
E11	16-11	2000	5082	Thu	527/00 Out	USB	(AB)
E11	17-11	0600	7850	Fri	354/00 Out	USB	(AB)
E11	17-11	0700	6804	Fri	570/00 Out	USB	(AB)
E11	17-11	0745	17378	Fri	344/00 Out	USB	(AB)
E11	17-11	0820	6986	Fri	432/00 Out	USB	(AB)
E11	17-11	0830	23353	Fri	183/36 Attention 16945 63975 89471 ... 50856 84968 08411 Attention (message repeated) Out	USB	(AB-POL)
E11	17-11	1000	9079	Fri	302/00 Out	USB	(AB)
E11	17-11	1715	5082	Fri	976/00 Out	USB	(AB)
E11	17-11	1815	6849	Fri	927/00 Out	USB	(AB)
E11	18-11	0700	5371	Sat	490/00 Out	USB	(AB)
E11	18-11	1430	13363	Sat	915/00 Out	USB	(AB)
E11	18-11	1530	4909	Sat	368/00 Out	USB	(AB)
E11	19-11	0600	7850	Sun	354/00 Out	USB	(AB)
E11	19-11	0700	5371	Sun	490/00 Out	USB	(AB)
E11	19-11	1530	4909	Sun	364/00 Out	USB	(AB)
E11	19-11	1745	12924	Sun	240/00 Out	USB	(AB-POL/MPJ)
E11	19-11	1815	6849	Sun	926/00 Out	USB	(AB)
E11	19-11	2000	5082	Sun	522/00 Out	USB	(AB)
E11	20-11	0315	8456	Mon	256/00 Out	USB	(AB)

E11	20-11	0450	4909	Mon	411/00 Out	USB	(AB)
E11	20-11	0715	11104	Mon	753/00 Out	USB	(AB)
E11	20-11	0745	10213	Mon	268/00 Out	USB	(AB)
E11	20-11	0745	10213	Mon	268/00	USB	(Lac)
E11	20-11	0830	23353	Mon	185/00 Out	USB	(AB-POL)
E11	20-11	0830	23353	Mon	185/00	USB	(Lac)
E11	20-11	0900	11092	Mon	535/00 Out	USB	(AB)
E11	20-11	1300	4909	Mon	316/00 Out	USB	(AB-POL)
E11	20-11	1300	4909	Mon	316/00	USB	(Lac)
E11	20-11	1745	12924	Mon	247/00 Out	USB	(AB-POL)
E11	20-11	1745	12924	Mon	247/00	USB	(Lac)
E11	20-11	1900	6849	Mon	647/00 Out	USB	(AB)
E11	21-11	0645	7840	Tue	515/00 Out	USB	(AB)
E11	21-11	0700	6804	Tue	575/00 Out	USB	(AB)
E11	21-11	0700	6804	Tue	575/00	USB	(Lac)
E11	21-11	0715	9130	Tue	635/00 Out	USB	(AB)
E11	21-11	0715	9130	Tue	635/00	USB	(Lac)
E11	21-11	0820	14611	Tue	134/00 Out	USB	(AB)
E11	21-11	0820	14611	Tue	134/00	USB	(Lac)
E11	21-11	0845	17378	Tue	151/00 Out	USB	(AB)
E11	21-11	0845	17378	Tue	151/00	USB	(Lac)
E11	21-11	1000	9079	Tue	302/00 Out	USB	(AB)
E11	21-11	1205	11559	Tue	461/00 Out	USB	(AB)
E11	21-11	1205	11559	Tue	461/00	USB	(Lac)
E11	21-11	1430	13363	Tue	915/00 Out	USB	(AB)
E11	21-11	1430	13363	Tue	915/00	USB	(Lac)
E11	22-11	0315	8456	Wed	255/00 Out	USB	(TM)
E11	22-11	0600	23004	Wed	945/00 Out	USB	(AB-POL)
E11	22-11	0600	23004	Wed	945/00	USB	(Lac)
E11	22-11	0715	11104	Wed	757/00 Out	USB	(AB)
E11	22-11	0715	11104	Wed	757/00	USB	(Lac)
E11	22-11	0745	17378	Wed	343/00 Out	USB	(AB)
E11	22-11	0745	17378	Wed	343/00	USB	(Lac)
E11	22-11	0820	14611	Wed	130/00 Out	USB	(AB)
E11	22-11	0820	14611	Wed	130/00	USB	(Lac)
E11	22-11	0845	12067	Wed	715/33, repeat from 20-11-2023	USB	(Lac)
E11	22-11	0900	11092	Wed	536/00 Out	USB	(AB)
E11	22-11	0900	11092	Wed	536/00	USB	(Lac)
E11	22-11	0930	7469	Wed	271/00 Out	USB	(AB)
E11	22-11	0930	7469	Wed	271/00	USB	(Lac)
E11	22-11	1205	11559	Wed	462/00 Out	USB	(AB)
E11	22-11	1715	5082	Wed	976/00 Out	USB	(AB)
E11	22-11	1910	4505	Wed	393/00 Out	USB	(AB)
E11	23-11	0645	7840	Thu	518/00 Out	USB	(AB)
E11	23-11	0820	6986	Thu	435/00 Out	USB	(AB)
E11	23-11	0820	6986	Thu	435/00	USB	(Lac)
E11	23-11	0845	17378	Thu	152/00 Out	USB	(AB)

E11	23-11	0930	7469	Thu	278/00 Out	USB	(AB)
E11	23-11	1300	4909	Thu	319/00 Out	USB	(AB)
E11	23-11	1530	5409	Thu	264/00 Out	USB	(AB)
E11	23-11	1530	5409	Thu	264/00	USB	(Lac)
E11	23-11	1730	5779	Thu	412/00 Out	USB	(AB)
E11	23-11	1900	6849	Thu	641/00 Out	USB	(AB)
E11	23-11	2000	5082	Thu	528/00 Out	USB	(AB)
E11	24-11	0600	7850	Fri	353/00 Out	USB	(AB)
E11	24-11	0700	6804	Fri	571/00 Out	USB	(AB)
E11	24-11	0715	9130	Fri	636/00 Out	USB	(AB)
E11	24-11	0745	17378	Fri	346/00 Out	USB	(AB)
E11	24-11	0820	6986	Fri	432/00 Out	USB	(AB)
E11	24-11	0820	6986	Fri	426/00	USB	(Lac)
E11	24-11	0830	23353	Fri	188/00 Out	USB	(AB-POL)
E11	24-11	1000	9079	Fri	305/00 Out	USB	(AB)
E11	24-11	1715	5082	Fri	970/00 Out	USB	(AB)
E11	24-11	1815	6849	Fri	920/00 Out	USB	(AB)
E11	24-11	1910	10487	Fri	617/00 Out	USB	(AB-POL)
E11	25-11	0700	5371	Sat	496/00 Out	USB	(AB)
E11	25-11	1430	13363	Sat	914/00 Out	USB	(AB)
E11	25-11	1530	4909	Sat	365/00 Out	USB	(AB)
E11	25-11	1910	4505	Sat	395/00 Out	USB	(AB)
E11	26-11	0600	7850	Sun	353/00 Out	USB	(AB)
E11	26-11	0700	5371	Sun	490/00 Out	USB	(AB)
E11	26-11	1530	4909	Sun	363/00 Out	USB	(AB)
E11	26-11	1605	5432	Sun	232/00 Out	USB	(AB)
E11	26-11	1745	12924	Sun	247/00 Out	USB	(AB/MPJ)
E11	26-11	1815	6849	Sun	924/00 Out	USB	(AB/MPJ)
E11	26-11	1910	10487	Sun	614/00 Out	USB	(AB)
E11	26-11	2000	5082	Sun	520/00 Out	USB	(AB)
E11	27-11	0315	8456	Mon	252/00 Out	USB	(TM)
E11	27-11	0450	4909	Mon	410/00 Out	USB	(AB)
E11	27-11	0745	10213	Mon	266/00 Out	USB	(AB)
E11	27-11	0830	23353	Mon	183/00 Out	USB	(AB-POL)
E11	27-11	0845	12067	Mon	716/00 Out	USB	(AB)
E11	27-11	0900	11092	Mon	536/00 Out	USB	(AB)
E11	27-11	1045	11100	Mon	692/00 Out	USB	(AB)
E11	27-11	1745	12924	Mon	245/00 Out	USB	(AB-POL)
E11	27-11	1900	6849	Mon	640/00 Out	USB	(AB)
E11	28-11	0645	7840	Tue	511/00 Out	USB	(AB)
E11	28-11	0700	6804	Tue	579/00 Out	USB	(AB)
E11	28-11	0715	9130	Tue	631/00 Out	USB	(AB)
E11	28-11	0745	13908	Tue	225/00 Out	USB	(AB)
E11	28-11	0820	14611	Tue	134/00 Out	USB	(AB)
E11	28-11	0845	17378	Tue	156/00 Out	USB	(AB)
E11	28-11	1000	9079	Tue	304/00 Out	USB	(AB)
E11	28-11	1430	13363	Tue	918/00 Out	USB	(AB)

E11	28-11	1605	5432	Tue	237/00 Out	USB	(AB)
E11	29-11	0315	8456	Wed	250/00 Out	USB	(TM)
E11	29-11	0600	23004	Wed	942/00 Out	USB	(AB-POL)
E11	29-11	0745	17378	Wed	347/00 Out	USB	(AB)
E11	29-11	0820	14611	Wed	131/00 Out	USB	(AB)
E11	29-11	0845	12067	Wed	711/00 Out	USB	(AB)
E11	29-11	0900	11092	Wed	532/00 Out	USB	(AB)
E11	29-11	0930	7469	Wed	277/00 Out	USB	(AB)
E11	29-11	1045	11100	Wed	693/00 Out	USB	(AB)
E11	29-11	1715	5082	Wed	977/00 Out	USB	(AB)
E11	29-11	1910	4505	Wed	391/00 Out	USB	(AB/MPJ)
E11	30-11	0505	12153	Thu	331/00 Out	USB	(AB)
E11	30-11	0645	7840	Thu	515/00 Out	USB	(AB)
E11	30-11	0745	13908	Thu	228/00 Out	USB	(AB)
E11	30-11	0820	6986	Thu	436/00 Out	USB	(AB)
E11	30-11	0845	17378	Thu	155/00 Out	USB	(AB)
E11	30-11	0930	7469	Thu	273/00 Out	USB	(AB)
E11	30-11	1530	5409	Thu	266/00 Out	USB	(AB)
E11	30-11	1730	5779	Thu	415/00 Out	USB	(AB)
E11	30-11	1900	6849	Thu	640/00 Out	USB	(AB/MPJ)
E11	30-11	2000	5082	Thu	525/00 Out	USB	(AB)
E11a	1-11	0830	7469	Wed	278/36 Attention 75936 80325 86436 ...	USB	(Lac)
E11a	1-11	0930	7469	Wed	278/36 Attention 75936 80325 86436 ... 76981 12870 99563 Attention (message repeated) Out	USB	(AB)
E11a	1-11	0930	7469	Wed	278/36=75936	USB	(HFD)
E11a	2-11	0930	7469	Thu	278/36 Attention 75936 80325 86436 ... 76981 12870 99563 Attention (message repeated) Out	USB	(AB)
E11a	2-11	2000	5082	Thu	528/39 Attention 67676 68466 46068 ... 75053 23405 20345 Attention (message repeated) Out	USB	(AB)
E11a	2-11	2000	5082	Thu	528/39=67676	USB	(HFD)
E11a	6-11	0315	8456	Mon	253/38 Attention (too weak to copy)	USB	(AB)
E11a	6-11	0600	23004	Mon	954/25 Attention 24713 12815 73819 ... 66955 15613 42307 Attention (message repeated) Out	USB	(AB-POL)
E11a	6-11	1745	12924	Mon	245/40 Attention 16546 32277 96059 ... 38452 65387 79642 Attention (message repeated) Out	USB	(AB)
E11a	6-11	1745	12924	Mon	245/40 Attention 16546 32277 96059 ...	USB	(Lac)
E11a	7-11	0645	7840	Tue	519/31 Attention 86849 08500 89076 ... 48160 70461 53438 Attention (message repeated) Out	USB	(AB)
E11a	7-11	0700	6804	Tue	574/35 Attention 55609 55675 82124 ... 50395 01740 80009 Attention (message repeated) Out	USB	(AB)
E11a	7-11	0820	14611	Tue	136/31 Attention 56595 89362 22464 ... 34359 53634 27084 Attention (message repeated) Out	USB	(AB)
E11a	7-11	0845	17378	Tue	155/36 Attention 84435 62347 81148 ... 11343 39607 80140 Attention (message repeated) Out	USB	(AB)
E11a	7-11	1000	9079	Tue	300/30 Attention 48681 44512 94248 ... 89032 92463 32155 Attention (message repeated) Out	USB	(AB)
E11a	7-11	1430	13363	Tue	912/32 Attention 05834 19216 79539 ... 88779 98085 68200 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	8-11	0600	23004	Wed	945/25 Attention 24713 12815 73819 ... 66955 15613 42307 Attention (message repeated) Out	USB	(AB-POL)
E11a	8-11	0745	17378	Wed	349/33 Attention 19580 59531 11289 ... 45869 17431 33553 Attention (message repeated) Out	USB	(AB)
E11a	8-11	0820	14611	Wed	136/31 Attention 56595 89362 22464 ... 34359 53634 27084 Attention (message repeated) Out	USB	(AB)
E11a	8-11	1715	5082	Wed	970/31 Attention 14086 39045 01675 ... 66539 09960 50603 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	9-11	0645	7840	Thu	519/31 Attention 86849 08500 89076 ... 48160 70461 53438 Attention (message repeated) Out	USB	(AB)
E11a	9-11	0820	6986	Thu	435/38 Attention 32156 93049 47675 ... 34047 42211 96215 Attention (message repeated) Out	USB	(AB)
E11a	9-11	0820	6986	Thu	435/38 Attention 32156 93049 47675 ...	USB	(Lac)
E11a	9-11	0845	17378	Thu	155/36 Attention 84435 62347 81148 ... 11343 39607 80140 Attention (message repeated) Out	USB	(AB)
E11a	10-11	0600	7850	Fri	354/33 Attention 16697 05291 95961 ... 70762 29455 75937 Attention (message repeated) Out	USB	(AB)
E11a	10-11	0700	6804	Fri	574/35 Attention 55609 55675 82124 ... 50395 01740 80009 Attention (message repeated) Out	USB	(AB)

E11a	10-11	0745	17378	Fri	349/33 Attention 19580 59531 11289 ... 45869 17431 33553 Attention (message repeated) Out	USB	(AB)
E11a	10-11	0820	6986	Fri	435/38 Attention 32156 93049 47675 ... 34047 42211 96215 Attention (message repeated) Out	USB	(AB)
E11a	10-11	0820	6986	Fri	repeat from 09-11-2023	USB	(Lac)
E11a	10-11	1000	9079	Fri	300/30 Attention 48681 44512 94248 ... 89032 92463 32155 Attention (message repeated) Out	USB	(AB)
E11a	10-11	1000	9079	Fri	300/30 Attention 48681 44512 94248 ...	USB	(Lac)
E11a	10-11	1715	5082	Fri	970/31 Attention 14086 39045 01675 ... 66539 09960 50603 Attention (message repeated) Out	USB	(AB)
E11a	10-11	1815	6849	Fri	925/33 Attention 27310 72633 62941 ... 54398 81811 97275 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	10-11	1815	6984	Fri	925/33 Attention 27310 72633 62941 ...	USB	(Lac)
E11a	11-11	0700	5371	Sat	490/32 Attention 19108 82677 43048 ... 17463 75286 47051 Attention (message repeated) Out	USB	(AB)
E11a	11-11	1430	13363	Sat	912/32 Attention 05834 19216 79539 ... 88779 98085 68200 Attention (message repeated) Out	USB	(AB)
E11a	11-11	1430	13363	Sat	912/32 Attention 05834 19216 79539 ...	USB	(Lac)
E11a	11-11	1530	4909	Sat	360/33 Attention 10371 98548 06874 ... 90404 34578 49171 Attention (message repeated) Out	USB	(AB)
E11a	12-11	0600	7850	Sun	354/33 Attention 16697 05291 95961 ... 70762 29455 75937 Attention (message repeated) Out	USB	(AB)
E11a	12-11	0700	5371	Sun	490/32 Attention 19108 82677 43048 ... 17463 75286 47051 Attention (message repeated) Out	USB	(AB)
E11a	12-11	1530	4909	Sun	360/33 Attention 10371 98548 06874 ... 90404 34578 49171 Attention (message repeated) Out	USB	(AB)
E11a	12-11	1530	4909	Sun	360/33 Attention 10371 98548 06874 ...	USB	(Lac)
E11a	12-11	1745	12924	Sun	245/40 Attention 16546 32277 96059 ... 38452 65387 79642 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	12-11	1815	6849	Sun	925/33 Attention 27310 72633 62941 ... 54398 81811 97275 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	13-11	0450	4909	Mon	415/33 Attention 39416 36182 94046 ... 56887 80616 64114 Attention (message repeated) Out	USB	(AB)
E11a	13-11	0450	4909	Mon	415/33=39416	USB	(HFD)
E11a	13-11	0745	10213	Mon	261/31 Attention 74989 87098 22431 ... 96109 29726 87530 Attention (message repeated) Out	USB	(AB)
E11a	13-11	0745	10213	Mon	261/31 Attention 74989 87098 22431 ...	USB	(Lac)
E11a	13-11	0830	23353	Mon	183/36 Attention 16945 63975 89471 ... 50856 84968 08411 Attention (message repeated) Out	USB	(AB-POL)
E11a	13-11	0830	23353	Mon	183/36 Attention 16945 63975 89471 ...	USB	(Lac)
E11a	13-11	0900	11092	Mon	533/32 Attention 48789 14320 10124 ... 52438 61737 20974 Attention (message repeated) Out	USB	(AB)
E11a	13-11	0900	11092	Mon	533/32 Attention 48789 14320 10124 ...	USB	(Lac)
E11a	13-11	1900	6849	Mon	649/36 Attention 86082 82594 86856 ... 69470 43588 33415 Attention (message repeated) Out	USB	(AB)
E11a	14-11	0715	9130	Tue	639/38 Attention 32225 93531 47464 ... 66898 87428 78024 Attention (message repeated) Out	USB	(AB)
E11a	14-11	0715	9130	Tue	639/38 Attention 32225 93531 47464 ...	USB	(Lac)
E11a	14-11	1605	5432	Tue	232/38 Attention 41958 83639 16198 ... 60997 64792 51552 Attention (message repeated) Out	USB	(AB)
E11a	14-11	1605	5432	Tue	232/38 Attention 41958 83639 16198 ...	USB	(Lac)
E11a	15-11	0900	11092	Wed	533/32 Attention 48789 14320 10124 ... 52438 61737 20974 Attention (message repeated) Out	USB	(AB)
E11a	15-11	1530	5409	Wed	533/32, repeat from 13-11-2023	USB	(Lac)
E11a	15-11	1910	4505	Wed	392/31 Attention 75938 44509 65489 ... 02891 46393 90498 Attention (message repeated) Out	USB	(AB)
E11a	16-11	0745	10213	Thu	261/31, repeat from 13-11-2023	USB	(Lac)
E11a	16-11	1530	5409	Thu	261/31 Attention 74989 87098 22431 ... 96109 29726 87530 Attention (message repeated) Out	USB	(AB)
E11a	16-11	1730	5779	Thu	415/33 Attention 39416 36182 94046 ... 56887 80616 65114 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	16-11	1900	6849	Thu	649/36 Attention 86082 82594 86856 ... 69470 43588 33415 Attention (message repeated) Out	USB	(AB)
E11a	17-11	0715	9130	Fri	639/38 Attention 32225 93531 47464 ... 66898 87428 78024 Attention (message repeated) Out	USB	(AB)
E11a	17-11	0715	9130	Fri	639/38, repeat from 14-11-2023	USB	(Lac)
E11a	18-11	1910	4505	Sat	392/31 Attention 75938 44509 65489 ... 02891 46393 90498 Attention (message repeated) Out	USB	(AB)
E11a	19-11	1605	5432	Sun	232/38 Attention 41958 83639 16198 ... 60997 64792 51552 Attention (message repeated) Out	USB	(AB)
E11a	19-11	1910	10487	Sun	617/31 Attention 53125 17353 12290 ... 54405 82415 57297 Attention (message repeated) Out	USB	(AB-POL/MPJ)
E11a	20-11	0845	12067	Mon	715/33 Attention 68837 82948 22924 ... 60751 19353 17132 Attention (message repeated) Out	USB	(AB)
E11a	20-11	0845	12067	Mon	715/33 Attention 68837 82948 22924 ...	USB	(Lac)
E11a	20-11	1045	11100	Mon	696/38 Attention 34078 27047 17822 ... 31374 76361 92302 Attention (message repeated) Out	USB	(AB)
E11a	20-11	1045	11100	Mon	696/38 Attention 34078 27047 17822 ...	USB	(Lac)

E11a	21-11	0505	12153	Tue	334/31 Attention ...	USB	(TM)
E11a	21-11	0745	13908	Tue	228/33 Attention 27995 26158 84036 ... 01971 93367 71671 Attention (message repeated) Out	USB	(AB)
E11a	21-11	0745	13908	Tue	228/33 Attention 27995 26158 84036 ...	USB	(Lac)
E11a	22-11	0845	12067	Wed	715/33 Attention 68837 82948 22924 ... 60751 19353 17132 Attention (message repeated) Out	USB	(AB)
E11a	22-11	1045	11100	Wed	696/38 Attention 34078 27047 17822 ... 31374 76361 92302 Attention (message repeated) Out	USB	(AB)
E11a	22-11	1045	11100	Wed	696/38, repeat from 20-11-2023	USB	(Lac)
E11a	23-11	0745	13908	Thu	228/33 Attention 27995 26158 84036 ... 01971 93367 71671 Attention (message repeated) Out	USB	(AB)
E11a	23-11	0745	13908	Thu	228/33 repeat from 21-11-2023	USB	(Lac)
E11a	27-11	0715	11104	Mon	750/36 Attention 95743 96635 88179 ... 73346 50104 14311 Attention (message repeated) Out	USB	(AB)
E11a	27-11	1300	4909	Mon	311/36 Attention 52882 43978 34788 ... 43889 57234 40559 Attention (message repeated) Out	USB	(AB-POL)
E11a	28-11	1205	11559	Tue	466/32 Attention 63284 71934 31373 ... 31793 91367 06414 Attention (message repeated) Out	USB	(AB)
E11a	29-11	0715	11104	Wed	750/36 Attention 95743 96635 88179 ... 73346 50104 14311 Attention (message repeated) Out	USB	(AB)
E11a	29-11	1205	11559	Wed	466/32 Attention 63284 71934 31373 ... 31793 91367 06414 Attention (message repeated) Out	USB	(AB)
E11a	30-11	1300	4909	Thu	311/36 Attention 52882 43978 34788 ... 43889 57234 40559 Attention (message repeated) Out	USB	(AB/MPJ)
E25	13-11	0900	6140	Mon	Test tone followed by an Egyptian song that lasted for about 10 Minutes.	AM	(TZ)
EGY	7-11	1127	14623.7	Tue	MFA Cairo clg TVVC: Egyptian embassy Baghdad	Sitor-A 100/170	(AB)
EGY	7-11	1132	14622	Tue	99901: MFA Cairo wkg 00006: Egyptian embassy Baghdad	CODAN	(AB)
EGY	14-11	0808	17427.7	Tue	Egyptian diplo i.p. Ended with KBS KWJM LRGK WDSSF K HUXD ?	SITOR-A 100/170	(AB)
EGY	19-11	0850	16223.7	Sun	Egyptian diplo i.p.	SITOR-A 100/170	(AB)
EGY	20-11	1647	8190	Mon	71: MFA Cairo message to OOVp: Egyptian embassy Islamabad.	SITOR-A 100/170	(AB)
EGY	23-11	1400	11405	Thu	99903: MFA Cairo msg to 00004: Egyptian embassy Kuwait	CODAN	(AB)
EGY	23-11	1400	11405	Thu	MFA Cairo clg TVVM: Egyptian embassy Kuwait	SITOR-A 100/170	(AB)
EGY	23-11	1408	14425	Thu	MFA Cairo clg TVVM: Egyptian embassy Kuwait	SITOR-A 100/170	(AB)
EGY	25-11	0809	16010	Sat	MFA Cairo clg TVQK: unid Egyptian embassy	SITOR-A 100/170	(AB)
EGY	25-11	0811	16010	Sat	MFA Cairo msg to unid Egyptian embassy	CODAN	(AB)
F01	1-11	1015	12177	Wed	Russian diplo/intel. 54656 77428 71037 ... 73150 40234 21427 00000 نُو نُو نُو	FSK 200/500	(AB)
F01	1-11	1015	12177	Wed	FSK 200/500 6:47	FSK 200/500	(HFD)
F01	1-11	1025	10671	Wed	Russian diplo/intel. 54656 77428 71037 ... 73150 40234 21427 00000 نُو نُو نُو	FSK 200/500	(AB)
F01	1-11	1025	10671	Wed	FSK 200/500	FSK 200/500	(HFD)
F01	1-11	1035	8024	Wed	Russian diplo/intel. 54656 77428 71037 ... 73150 40234 21427 00000 نُو نُو نُو	FSK 200/500	(AB)
F01	1-11	1035	8024	Wed	FSK 200/500	FSK 200/500	(HFD-RUS)
F01	1-11	1940	8172	Wed	Russian diplo/intel. 5761 00000 نُو نُو	FSK 200/500	(AB)
F01	1-11	1940	8172	Wed	FSK 200/500 6:55	FSK 200/500	(HFD)
F01	1-11	1950	6791	Wed	Russian diplo/intel. 5761 00000 نُو نُو	FSK 200/500	(AB)
F01	1-11	1950	6791	Wed	FSK 200/500	FSK 200/500	(HFD)
F01	1-11	2000	4546	Wed	Russian diplo/intel. 5761 00000 نُو نُو	FSK 200/500	(AB)
F01	1-11	2000	4546	Wed	FSK 200/500	FSK 200/500	(HFD)
F01	2-11	1015	12177	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	2-11	1025	10671	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	2-11	1035	8024	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	3-11	1015	12177	Fri	Russian diplo/intel. 5761 00000 نُو نُو	FSK 200/500	(AB)
F01	3-11	1025	10671	Fri	Russian diplo/intel. 5761 00000 نُو نُو	FSK 200/500	(AB)
F01	3-11	1035	8024	Fri	Russian diplo/intel. 5761 00000 نُو نُو	FSK 200/500	(AB)
F01	6-11	1015	12177	Mon	Russian diplo/intel. 39070 71557 69748 ... 20402 06263 24447 00000 نُو	FSK 200/500	(AB)
F01	6-11	1025	10671	Mon	Russian diplo/intel. 39070 71557 69748 ... 20402 06263 24447 00000 نُو	FSK 200/500	(AB)
F01	6-11	1035	8024	Mon	Russian diplo/intel. 39070 71557 69748 ... 20402 06263 24447 00000 نُو	FSK 200/500	(AB-RUS)
F02	10-11	0830	15626	Fri	Russian domestic net.	MFSK-4/150Bd/4000Hz	(AB)

F02	10-11	0833	14907	Fri	Russian domestic net.	MFSK-4/150Bd/4000Hz	(AB)
F02	16-11	1050	19422	Thu	Russian domestic net.	MFSK-4/150Bd/4000Hz	(AB)
F02	17-11	0830	15626	Fri	Russian domestic net.	MFSK-4/150Bd/4000Hz	(AB)
F02	17-11	0900	14907	Fri	Russian domestic net.	MFSK-4/150Bd/4000Hz	(AB)
F02	21-11	0700	18451	Tue	Russian domestic net.	MFSK-4/150Bd/4000Hz	(AB)
F02	21-11	0730	18451	Tue	Russian domestic net.	MFSK-4/150Bd/4000Hz	(AB)
F02	21-11	0830	15626	Tue	Russian domestic net. (1hr transmission)	MFSK-4/150Bd/4000Hz	(AB)
F02	24-11	0830	15626	Fri	Russian domestic net. (50min transmission)	MFSK-4/150Bd/4000Hz	(AB)
F02	30-11	1023	17510	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	30-11	1026	15843	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	30-11	1035	15843	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	30-11	1038	12217	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	30-11	1045	12217	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F03j	1-11	0915	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-11	0920	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-11	1010	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-11	1015	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-11	0915	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-11	0920	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-11	0950	4828	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-11	0955	4828	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-11	1010	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-11	1015	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-11	0915	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-11	0920	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-11	0950	4828	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-11	0955	4828	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-11	1010	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-11	1015	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-11	0915	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-11	0920	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-11	0950	4828	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-11	0955	4828	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-11	1010	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-11	1015	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-11	0915	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-11	0920	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-11	1010	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-11	1015	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-11	0915	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-11	0920	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-11	0950	4828	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	20-11	0955	4828	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	20-11	1010	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-11	1015	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-11	0915	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-11	0920	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	22-11	0950	4828	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-11	0955	4828	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-11	1010	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-11	1015	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-11	0915	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-11	0920	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-11	0950	4828	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	27-11	0955	4828	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	27-11	1010	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-11	1015	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-11	0915	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-11	0920	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-11	0950	4828	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-11	0955	4828	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-11	1010	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-11	1015	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-11	0915	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-11	0920	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03l	1-11	0630	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	1-11	0635	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	2-11	0735	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	2-11	0740	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	2-11	0835	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	2-11	0840	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	3-11	0945	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	3-11	0950	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	6-11	0615	19365	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03l	6-11	0620	19365	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03l	6-11	0630	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	6-11	0635	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	6-11	0735	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	6-11	0740	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	6-11	0810	26117	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03l	6-11	0815	26117	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03l	6-11	0930	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	6-11	0935	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	7-11	0835	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	7-11	0840	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	7-11	0945	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	7-11	0950	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8-11	0630	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	8-11	0635	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	9-11	0735	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	9-11	0740	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	9-11	0835	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	9-11	0840	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03l	10-11	0930	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	10-11	0935	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-11	0945	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-11	0950	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-11	0615	19365	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	13-11	0620	19365	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	13-11	0630	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-11	0635	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-11	0735	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-11	0740	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-11	0810	26117	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	13-11	0815	26117	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	13-11	0930	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13-11	0935	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-11	0835	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-11	0840	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-11	0945	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-11	0950	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-11	0615	19365	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	15-11	0620	19365	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	15-11	0630	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-11	0635	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-11	0735	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-11	0740	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-11	0800	8181	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-11	0805	8181	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-11	0835	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-11	0840	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-11	0800	8181	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-11	0805	8181	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-11	0810	26117	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	17-11	0815	26117	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	17-11	0930	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-11	0935	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-11	0945	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-11	0950	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-11	0615	19365	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	20-11	0620	19365	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	20-11	0630	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-11	0635	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-11	0735	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-11	0740	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-11	0810	26117	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	20-11	0815	26117	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	20-11	0930	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	20-11	0935	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-11	0835	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-11	0840	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	21-11	0945	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-11	0950	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-11	0615	19365	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	22-11	0620	19365	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	22-11	0630	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-11	0635	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-11	0735	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-11	0740	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-11	0800	8181	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-11	0805	8181	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-11	0835	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-11	0840	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-11	0800	8181	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-11	0805	8181	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-11	0810	26117	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	24-11	0815	26117	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	24-11	0930	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-11	0935	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-11	0945	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-11	0950	6940	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-11	0615	19365	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	27-11	0620	19365	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	27-11	0630	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-11	0635	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-11	0735	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-11	0740	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-11	0810	26117	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	27-11	0815	26117	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	27-11	0930	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	27-11	0935	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-11	0835	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-11	0840	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-11	0945	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-11	0950	6940	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-11	0615	19365	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	29-11	0620	19365	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	29-11	0630	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-11	0635	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	30-11	0735	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	30-11	0740	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	30-11	0800	8181	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	30-11	0805	8181	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	30-11	0835	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	30-11	0840	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F06	1-11	0600	20082	Wed	Russian diplo/intel. 11166 40122 64791 28080 03469	FSK 200/1000	(AB-J)
F06	1-11	0610	18207	Wed	Russian diplo/intel. 11166 40122 64791 28080 03469	FSK 200/1000	(AB-J)
F06	1-11	0620	16141	Wed	Russian diplo/intel. 11166 40122 64791 28080 03469	FSK 200/1000	(AB-J)

F06	1-11	1300	11154	Wed	Russian diplo/intel. 11166 10075 12345 01069 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	1-11	1300	11427	Wed	Russian diplo/intel. 11166 60081 12345 01069 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	1-11	1310	9097	Wed	Russian diplo/intel. 11166 10075 12345 01069 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	1-11	1320	7839	Wed	Russian diplo/intel. 11166 10075 12345 01069 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	1-11	1320	9071	Wed	Russian diplo/intel. 11166 60081 12345 01069 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	2-11	0600	20082	Thu	Russian diplo/intel. 11166 40122 64791 28080 03469	FSK 200/1000	(AB-J)
F06	2-11	0610	18207	Thu	Russian diplo/intel. 11166 40122 64791 28080 03469	FSK 200/1000	(AB-J)
F06	2-11	0620	16141	Thu	Russian diplo/intel. 11166 40122 64791 28080 03469	FSK 200/1000	(AB-J)
F06	2-11	0700	12177	Thu	Russian diplo/intel. 11166 70202 81067 01061 01799 and 11166 70202 79485 01062 01599	FSK 200/1000	(AB)
F06	2-11	0710	10156	Thu	Russian diplo/intel. 11166 70202 81067 01061 01799 and 11166 70202 79485 01062 01599	FSK 200/1000	(AB)
F06	2-11	0720	8138	Thu	Russian diplo/intel. 11166 70202 81067 01061 01799 and 11166 70202 79485 01062 01599	FSK 200/1000	(AB)
F06	2-11	1200	10231	Thu	Russian diplo/intel. 11166 70202 81067 01061 01799 and 11166 70202 79485 01062 01599	FSK 200/1000	(AB/MPJ)
F06	2-11	1210	8082	Thu	Russian diplo/intel. 11166 70202 81067 01061 01799 and 11166 70202 79485 01062 01599	FSK 200/1000	(AB/MPJ)
F06	2-11	1220	6869	Thu	Russian diplo/intel. 11166 70202 81067 01061 01799 and 11166 70202 79485 01062 01599	FSK 200/1000	(AB/MPJ)
F06	2-11	1330	17465	Thu	Russian diplo/intel. 11166 80214 74196 02057 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	2-11	1340	14858	Thu	Russian diplo/intel. 11166 80214 74196 02057 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	2-11	1350	11631	Thu	Russian diplo/intel. 11166 80214 74196 02057 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-11	0700	12177	Fri	Russian diplo/intel. 11166 70202 75395 03096 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-11	0710	10156	Fri	Russian diplo/intel. 11166 70202 75395 03096 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-11	0720	8138	Fri	Russian diplo/intel. 11166 70202 75395 03096 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-11	1530	14475	Sun	Russian diplo. 11166 10053 17935 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-11	1540	13521	Sun	Russian diplo. 11166 10053 17935 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5-11	1550	10196	Sun	Russian diplo. 11166 10053 17935 05001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-11	0500	8174	Mon	Russian diplo/intel. 11166 70059 17935 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-11	0510	7316	Mon	Russian diplo/intel. 11166 70059 17935 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-11	0520	5929	Mon	Russian diplo/intel. 11166 70059 17935 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-11	0800	12208	Mon	Russian diplo/intel. 11100 00000 94710 03013 03079	FSK 200/1000	(AB)
F06	6-11	0810	10191	Mon	Russian diplo/intel. 11100 00000 94710 03013 03079	FSK 200/1000	(AB)
F06	6-11	0820	8014	Mon	Russian diplo/intel. 11100 00000 94710 03013 03079	FSK 200/1000	(Pryom)
F06	7-11	0700	12177	Tue	Russian diplo/intel. 11166 70202 45632 03064 01879 and 11166 70202 65412 03065 02079	FSK 200/1000	(AB)
F06	7-11	0710	10156	Tue	Russian diplo/intel. 11166 70202 45632 03064 01879 and 11166 70202 65412 03065 02079	FSK 200/1000	(AB)
F06	7-11	0720	8138	Tue	Russian diplo/intel. 11166 70202 45632 03064 01879 and 11166 70202 65412 03065 02079	FSK 200/1000	(AB)
F06	7-11	1010	14904	Tue	Russian diplo/intel. 11100 00000 15892 08036 03029 and 11100 00000 96415 08037 03029	FSK 200/1000	(AB)
F06	7-11	1020	11547	Tue	Russian diplo/intel. 11100 00000 15892 08036 03029 and 11100 00000 96415 08037 03029	FSK 200/1000	(AB)
F06	7-11	1200	10231	Tue	Russian diplo/intel. 11166 70202 45632 03064 01879 and 11166 70202 65412 03065 02079	FSK 200/1000	(AB-RUS/MPJ)
F06	7-11	1210	8082	Tue	Russian diplo/intel. 11166 70202 45632 03064 01879 and 11166 70202 65412 03065 02079	FSK 200/1000	(AB-RUS/MPJ)
F06	7-11	1220	6869	Tue	Russian diplo/intel. 11166 70202 45632 03064 01879 and 11166 70202 65412 03065 02079	FSK 200/1000	(AB-RUS/MPJ)
F06	7-11	1230	13831	Tue	Russian diplo/intel. 11166 30154 25896 07028 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J/PY)
F06	7-11	1240	10376	Tue	Russian diplo/intel. 11166 30154 25896 07028 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J/PY)
F06	7-11	1250	8128	Tue	Russian diplo/intel. 11166 30154 25896 07028 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J/PY)
F06	7-11	1650	13469	Tue	Russian diplo/intel. 11166 10053 13467 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-11	1700	11643	Tue	Russian diplo/intel. 11166 10053 13467 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-11	1710	9486	Tue	Russian diplo/intel. 11166 10053 13467 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-11	0600	20082	Wed	Russian diplo/intel. 11166 40122 65237 04081 03029 and 11166 40122 41785 04082 02739	FSK 200/1000	(AB-J)
F06	8-11	0610	18207	Wed	Russian diplo/intel. 11166 40122 65237 04081 03029 and 11166 40122 41785 04082 02739	FSK 200/1000	(AB-J)
F06	8-11	0620	16141	Wed	Russian diplo/intel. 11166 40122 65237 04081 03029 and 11166 40122 41785 04082 02739	FSK 200/1000	(AB-J)
F06	8-11	1010	14904	Wed	Russian diplo/intel. 11100 71225 24578 07001 00029 75485 00000	FSK 200/1000	(AB)

F06	8-11	1015	27837	Wed	Russian diplo/intel. 11166 40023 12457 08023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-11	1020	11547	Wed	Russian diplo/intel. 11100 71225 24578 07001 00029 75485 00000	FSK 200/1000	(AB)
F06	8-11	1030	24083	Wed	Russian diplo/intel. 11166 40023 12457 08023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-11	1045	22887	Wed	Russian diplo/intel. 11166 40023 12457 08023 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-11	1300	11427	Wed	Russian diplo/intel. 11100 60081 12478 08025 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	8-11	1300	11154	Wed	Russian diplo/intel. 11166 10075 85967 08036 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR/PY)
F06	8-11	1300	11427	Wed	Russian diplo/intel. 11100 60081 12478 08025 00049 00000 00000 00000 00000 The first group of both trans- missions are different	FSK 200/1000	(PY)
F06	8-11	1310	9097	Wed	Russian diplo/intel. 11166 10075 85967 08036 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR/PY)
F06	8-11	1320	9071	Wed	Russian diplo/intel. 11100 60081 12478 08025 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	8-11	1320	7839	Wed	Russian diplo/intel. 11166 10075 85967 08036 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR/PY)
F06	8-11	1320	9071	Wed	Russian diplo/intel. 11166 60081 12478 08025 00049 00000 00000 00000 00000 The first group of both trans- missions are different	FSK 200/1000	(PY)
F06	9-11	0600	20082	Thu	Russian diplo/intel. 11166 40122 65237 04081 03029 and 11166 40122 41785 04082 02739	FSK 200/1000	(AB-KOR)
F06	9-11	0610	18207	Thu	Russian diplo/intel. 11166 40122 65237 04081 03029 and 11166 40122 41785 04082 02739	FSK 200/1000	(AB-J)
F06	9-11	0620	13974	Thu	Russian diplo/intel. 11100 00000 97541 08034 07229	FSK 200/1000	(AB)
F06	9-11	0620	16141	Thu	Russian diplo/intel. 11166 40122 65237 04081 03029 and 11166 40122 41785 04082 02739	FSK 200/1000	(AB-J)
F06	9-11	0630	12161	Thu	Russian diplo/intel. 11100 00000 97541 08034 07229	FSK 200/1000	(AB)
F06	9-11	0640	9923	Thu	Russian diplo/intel. 11100 00000 97541 08034 07229	FSK 200/1000	(AB)
F06	9-11	0700	12177	Thu	Russian diplo/intel. 11166 70202 40357 08067 01879 and 11166 70202 72458 08068 01999	FSK 200/1000	(AB)
F06	9-11	0710	10156	Thu	Russian diplo/intel. 11166 70202 40357 08067 01879 and 11166 70202 72458 08068 01999	FSK 200/1000	(AB)
F06	9-11	0720	8138	Thu	Russian diplo/intel. 11166 70202 40357 08067 01879 and 11166 70202 72458 08068 01999	FSK 200/1000	(AB)
F06	9-11	0800	17422	Thu	Russian diplo/intel. 11100 00000 15973 08002 00029 95243 00000 00000 00000	FSK 200/1000	(AB)
F06	9-11	0810	14977	Thu	Russian diplo/intel. 11100 00000 15973 08002 00029 95243 00000 00000 00000	FSK 200/1000	(AB)
F06	9-11	0820	12224	Thu	Russian diplo/intel. 11100 00000 15973 08002 00029 95243 00000 00000 00000	FSK 200/1000	(AB)
F06	9-11	0900	18044	Thu	Russian diplo/intel. 11100 00000 34859 08035 07129	FSK 200/1000	(AB)
F06	9-11	0910	14973	Thu	Russian diplo/intel. 11100 00000 34859 08035 07129	FSK 200/1000	(AB)
F06	9-11	0920	11632	Thu	Russian diplo/intel. 11100 00000 34859 08035 07129	FSK 200/1000	(AB/PY)
F06	9-11	1010	14904	Thu	Russian diplo/intel. 11100 00000 15892 08036 03029 and 11100 00000 96415 08037 03029	FSK 200/1000	(AB)
F06	9-11	1020	11547	Thu	Russian diplo/intel. 11100 00000 15892 08036 03029 and 11100 00000 96415 08037 03029	FSK 200/1000	(AB/PY)
F06	9-11	1100	16333	Thu	Russian diplo/intel. 11100 00000 97541 08034 07229	FSK 200/1000	(AB/PY)
F06	9-11	1105	5089	Thu	Russian diplo/intel. 11100 79993 35679 09028 02679	FSK 200/1000	(PY)
F06	9-11	1110	13451	Thu	Russian diplo/intel. 11100 00000 97541 08034 07229	FSK 200/1000	(AB)
F06	9-11	1115	7337	Thu	Russian diplo/intel. 11100 79993 35679 09028 02679	FSK 200/1000	(PY)
F06	9-11	1120	10232	Thu	Russian diplo/intel. 11100 00000 97541 08034 07229	FSK 200/1000	(AB)
F06	9-11	1125	9481	Thu	Russian diplo/intel. 11100 79993 35679 09028 02679	FSK 200/1000	(PY)
F06	9-11	1200	10231	Thu	Russian diplo/intel. 11166 70202 40357 08067 01879 and 11166 70202 72458 08068 01999	FSK 200/1000	(AB)
F06	9-11	1210	8082	Thu	Russian diplo/intel. 11166 70202 40357 08067 01879 and 11166 70202 72458 08068 01999	FSK 200/1000	(AB-POL)
F06	9-11	1220	6869	Thu	Russian diplo/intel. 11166 70202 40357 08067 01879 and 11166 70202 72458 08068 01999	FSK 200/1000	(AB-POL)
F06	9-11	1240	13952	Thu	Russian diplo/intel. 11100 00000 34859 08035 07129	FSK 200/1000	(AB/PY)
F06	9-11	1250	11135	Thu	Russian diplo/intel. 11100 00000 34859 08035 07129	FSK 200/1000	(AB)
F06	9-11	1330	17465	Thu	Russian diplo/intel. 11166 80214 58417 08055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-11	1340	14858	Thu	Russian diplo/intel. 11166 80214 58417 08055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-11	1350	11631	Thu	Russian diplo/intel. 11166 80214 58417 08055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-11	0620	13974	Fri	Russian diplo/intel. 11100 00000 25671 09039 03129 and 11100 00000 47139 09040 03129	FSK 200/1000	(AB)
F06	10-11	0630	12161	Fri	Russian diplo/intel. 11100 00000 25671 09039 03129 and 11100 00000 47139 09040 03129	FSK 200/1000	(AB)
F06	10-11	0640	9923	Fri	Russian diplo/intel. 11100 00000 25671 09039 03129 and 11100 00000 47139 09040 03129	FSK 200/1000	(AB)

F06	10-11	0700	12177	Fri	Russian diplo/intel. 11166 70202 25493 10051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-11	0710	10156	Fri	Russian diplo/intel. 11166 70202 25493 10051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-11	0720	8138	Fri	Russian diplo/intel. 11166 70202 25493 10051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-11	0800	17422	Fri	Russian diplo/intel. 11100 00000 24396 09038 05029	FSK 200/1000	(AB/PY)
F06	10-11	0810	14977	Fri	Russian diplo/intel. 11100 00000 24396 09038 05029	FSK 200/1000	(AB/PY)
F06	10-11	0820	12224	Fri	Russian diplo/intel. 11100 00000 24396 09038 05029	FSK 200/1000	(AB/PY)
F06	10-11	0900	18044	Fri	Russian diplo/intel. 11100 00000 52638 09041 03429 and 11100 00000 31256 09042 03429	FSK 200/1000	(AB/PY)
F06	10-11	0910	14973	Fri	Russian diplo/intel. 11100 00000 52638 09041 03429 and 11100 00000 31256 09042 03429	FSK 200/1000	(AB/PY)
F06	10-11	0920	11632	Fri	Russian diplo/intel. 11100 00000 52638 09041 03429 and 11100 00000 31256 09042 03429	FSK 200/1000	(AB/PY)
F06	10-11	1000	18039	Fri	Russian diplo/intel. 11100 71225 13465 09003 00029 96521 00000	FSK 200/1000	(PY)
F06	10-11	1010	14904	Fri	Russian diplo/intel. 11100 71225 13465 09003 00029 96521 00000	FSK 200/1000	(AB)
F06	10-11	1020	11547	Fri	Russian diplo/intel. 11100 71225 13465 09003 00029 96521 00000	FSK 200/1000	(AB)
F06	10-11	1100	16333	Fri	Russian diplo/intel. 11100 00000 25671 09039 03129 and 11100 00000 47139 09040 03129	FSK 200/1000	(AB/PY)
F06	10-11	1110	13451	Fri	Russian diplo/intel. 11100 00000 25671 09039 03129 and 11100 00000 47139 09040 03129	FSK 200/1000	(AB)
F06	10-11	1120	10232	Fri	Russian diplo/intel. 11100 00000 25671 09039 03129 and 11100 00000 47139 09040 03129	FSK 200/1000	(AB)
F06	10-11	1240	13952	Fri	Russian diplo/intel. 11100 00000 52638 09041 03429 and 11100 00000 31256 09042 03429	FSK 200/1000	(AB/PY)
F06	10-11	1250	11135	Fri	Russian diplo/intel. 11100 00000 52638 09041 03429 and 11100 00000 31256 09042 03429	FSK 200/1000	(AB/PY)
F06	11-11	0620	13974	Sat	Russian diplo/intel. 11100 00000 54817 10043 03029 and 11100 00000 25148 10044 03029	FSK 200/1000	(AB/PY)
F06	11-11	0630	12161	Sat	Russian diplo/intel. 11100 00000 54817 10043 03029 and 11100 00000 25148 10044 03029	FSK 200/1000	(AB)
F06	11-11	0640	9923	Sat	Russian diplo/intel. 11100 00000 54817 10043 03029 and 11100 00000 25148 10044 03029	FSK 200/1000	(AB)
F06	11-11	0900	18044	Sat	Russian diplo/intel. 11100 00000 23154 10045 03529 and 11100 00000 65871 10046 03529	FSK 200/1000	(AB/PY)
F06	11-11	0910	14973	Sat	Russian diplo/intel. 11100 00000 23154 10045 03529 and 11100 00000 65871 10046 03529	FSK 200/1000	(AB)
F06	11-11	0920	11632	Sat	Russian diplo/intel. 11100 00000 23154 10045 03529 and 11100 00000 65871 10046 03529	FSK 200/1000	(AB)
F06	11-11	1100	16333	Sat	Russian diplo/intel. 11100 00000 54817 10043 03029 and 11100 00000 25148 10044 03029	FSK 200/1000	(AB/PY)
F06	11-11	1110	13451	Sat	Russian diplo/intel. 11100 00000 54817 10043 03029 and 11100 00000 25148 10044 03029	FSK 200/1000	(AB)
F06	11-11	1120	10232	Sat	Russian diplo/intel. 11100 00000 54817 10043 03029 and 11100 00000 25148 10044 03029	FSK 200/1000	(AB)
F06	11-11	1240	13952	Sat	Russian diplo/intel. 11100 00000 23154 10045 03529 and 11100 00000 65871 10046 03529	FSK 200/1000	(AB/PY)
F06	11-11	1250	11135	Sat	Russian diplo/intel. 11100 00000 23154 10045 03529 and 11100 00000 65871 10046 03529	FSK 200/1000	(AB)
F06	12-11	0620	13974	Sun	Russian diplo/intel. 11100 00000 24896 10048 03029 and 11100 00000 13467 10049 03029	FSK 200/1000	(AB)
F06	12-11	0630	12161	Sun	Russian diplo/intel. 11100 00000 24896 10048 03029 and 11100 00000 13467 10049 03029	FSK 200/1000	(AB)
F06	12-11	0640	9923	Sun	Russian diplo/intel. 11100 00000 24896 10048 03029 and 11100 00000 13467 10049 03029	FSK 200/1000	(AB)
F06	12-11	0900	18044	Sun	Russian diplo/intel. 11100 00000 28793 10050 03529 and 11100 00000 68971 10051 03529	FSK 200/1000	(AB/PY)
F06	12-11	0910	14973	Sun	Russian diplo/intel. 11100 00000 28793 10050 03529 and 11100 00000 68971 10051 03529	FSK 200/1000	(AB)
F06	12-11	0920	11632	Sun	Russian diplo/intel. 11100 00000 28793 10050 03529 and 11100 00000 68971 10051 03529	FSK 200/1000	(AB)
F06	12-11	1100	16333	Sun	Russian diplo/intel. 11100 00000 24896 10048 03029 and 11100 00000 13467 10049 03029	FSK 200/1000	(AB/PY)
F06	12-11	1110	13451	Sun	Russian diplo/intel. 11100 00000 24896 10048 03029 and 11100 00000 13467 10049 03029	FSK 200/1000	(AB)
F06	12-11	1120	10232	Sun	Russian diplo/intel. 11100 00000 24896 10048 03029 and 11100 00000 13467 10049 03029	FSK 200/1000	(AB)
F06	12-11	1240	13952	Sun	Russian diplo/intel. 11100 00000 28793 10050 03529 and 11100 00000 68971 10051 03529	FSK 200/1000	(AB/PY)
F06	12-11	1250	11135	Sun	Russian diplo/intel. 11100 00000 28793 10050 03529 and 11100 00000 68971 10051 03529	FSK 200/1000	(AB)
F06	12-11	1530	14475	Sun	Russian diplo. 11166 10053 12345 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12-11	1540	13521	Sun	Russian diplo. 11166 10053 12345 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	12-11	1550	10196	Sun	Russian diplo. 11166 10053 12345 12001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13-11	0620	13974	Mon	Russian diplo/intel. 11100 00000 37168 10053 03529 and 11100 00000 85649 10054 03529	FSK 200/1000	(AB/PY)
F06	13-11	0630	12161	Mon	Russian diplo/intel. 11100 00000 37168 10053 03529 and 11100 00000 85649 10054 03529	FSK 200/1000	(AB/PY)
F06	13-11	0640	9923	Mon	Russian diplo/intel. 11100 00000 37168 10053 03529 and 11100 00000 85649 10054 03529	FSK 200/1000	(AB/PY)
F06	13-11	0800	17422	Mon	Russian diplo/intel. 11100 00000 59714 10004 00029 48129 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	13-11	0810	14977	Mon	Russian diplo/intel. 11100 00000 59714 10004 00029 48129 00000 00000 00000	FSK 200/1000	(AB)

F06	13-11	0820	12224	Mon	Russian diplo/intel. 11100 00000 59714 10004 00029 48129 00000 00000 00000	FSK 200/1000	(AB)
F06	13-11	1000	18039	Mon	Russian diplo/intel. 11100 00000 17426 10056 03359 and 11100 00000 85376 10057 03359	FSK 200/1000	(PY)
F06	13-11	1010	14904	Mon	Russian diplo/intel. 11100 00000 17426 10056 03359 and 11100 00000 85376 10057 03359	FSK 200/1000	(AB/PY)
F06	13-11	1020	11547	Mon	Russian diplo/intel. 11100 00000 17426 10056 03359 and 11100 00000 85376 10057 03359	FSK 200/1000	(AB)
F06	13-11	1100	16333	Mon	Russian diplo/intel. 11100 00000 37168 10053 03529 and 11100 00000 85649 10054 03529	FSK 200/1000	(AB/PY)
F06	13-11	1110	13451	Mon	Russian diplo/intel. 11100 00000 37168 10053 03529 and 11100 00000 85649 10054 03529	FSK 200/1000	(AB/PY)
F06	13-11	1120	10232	Mon	Russian diplo/intel. 11100 00000 37168 10053 03529 and 11100 00000 85649 10054 03529	FSK 200/1000	(AB/PY)
F06	14-11	0030	10523	Tue	Russian diplo/intel. 11166 60070 49357 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-11	0040	8131	Tue	Russian diplo/intel. 11166 60070 49357 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-11	0050	7765	Tue	Russian diplo/intel. 11166 60070 49357 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-11	0620	13974	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	14-11	0630	12161	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	14-11	0640	9923	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB-RUS)
F06	14-11	0700	12177	Tue	Russian diplo/intel. 11166 70202 73941 13070 01839 and 11166 70202 48670 13071 01539	FSK 200/1000	(AB)
F06	14-11	0710	10156	Tue	Russian diplo/intel. 11166 70202 73941 13070 01839 and 11166 70202 48670 13071 01539	FSK 200/1000	(AB)
F06	14-11	0720	8138	Tue	Russian diplo/intel. 11166 70202 73941 13070 01839 and 11166 70202 48670 13071 01539	FSK 200/1000	(AB)
F06	14-11	0900	18044	Tue	Russian diplo/intel. 11100 00000 45171 13064 03359 and 11100 00000 94871 13065 03359	FSK 200/1000	(AB)
F06	14-11	0910	14973	Tue	Russian diplo/intel. 11100 00000 45171 13064 03359 and 11100 00000 94871 13065 03359	FSK 200/1000	(AB)
F06	14-11	0920	11632	Tue	Russian diplo/intel. 11100 00000 45171 13064 03359 and 11100 00000 94871 13065 03359	FSK 200/1000	(AB)
F06	14-11	1000	18039	Tue	Russian diplo/intel. 11100 00000 68124 13066 03529 and 11100 00000 69781 13067 03529	FSK 200/1000	(AB)
F06	14-11	1010	14904	Tue	Russian diplo/intel. 11100 00000 68124 13066 03529 and 11100 00000 69781 13067 03529	FSK 200/1000	(AB)
F06	14-11	1020	11547	Tue	Russian diplo/intel. 11100 00000 68124 13066 03529 and 11100 00000 69781 13067 03529	FSK 200/1000	(AB)
F06	14-11	1100	16333	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	14-11	1110	13451	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	14-11	1120	10232	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	14-11	1200	10231	Tue	Russian diplo/intel. 11166 70202 73941 13070 01839 and 11166 70202 48670 13071 01539	FSK 200/1000	(AB-RUS)
F06	14-11	1210	8082	Tue	Russian diplo/intel. 11166 70202 73941 13070 01839 and 11166 70202 48670 13071 01539	FSK 200/1000	(AB-RUS)
F06	14-11	1220	6869	Tue	Russian diplo/intel. 11166 70202 73941 13070 01839 and 11166 70202 48670 13071 01539	FSK 200/1000	(AB-RUS)
F06	14-11	1230	13831	Tue	Russian diplo/intel. 11166 30154 12345 14055 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J/PY)
F06	14-11	1240	13952	Tue	Russian diplo/intel. 11100 00000 45171 13064 03359 and 11100 00000 94871 13065 03359	FSK 200/1000	(AB)
F06	14-11	1240	10376	Tue	Russian diplo/intel. 11166 30154 12345 14055 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J/PY)
F06	14-11	1250	11135	Tue	Russian diplo/intel. 11100 00000 45171 13064 03359 and 11100 00000 94871 13065 03359	FSK 200/1000	(AB)
F06	14-11	1250	8128	Tue	Russian diplo/intel. 11166 30154 12345 14055 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J/PY)
F06	14-11	1650	13469	Tue	Russian diplo/intel. 11166 10053 17935 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-11	1700	11643	Tue	Russian diplo/intel. 11166 10053 17935 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-11	1710	9486	Tue	Russian diplo/intel. 11166 10053 17935 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-11	0600	20082	Wed	Russian diplo/intel. 11166 40122 15793 15045 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	15-11	0610	18207	Wed	Russian diplo/intel. 11166 40122 15793 15045 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	15-11	0620	16141	Wed	Russian diplo/intel. 11166 40122 15793 15045 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	15-11	0800	17422	Wed	Russian diplo/intel. 11100 00000 91375 14068 07129	FSK 200/1000	(AB)
F06	15-11	0810	14977	Wed	Russian diplo/intel. 11100 00000 91375 14068 07129	FSK 200/1000	(AB)
F06	15-11	0820	12224	Wed	Russian diplo/intel. 11100 00000 91375 14068 07129	FSK 200/1000	(AB)
F06	15-11	0900	18044	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	15-11	0910	14973	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	15-11	0920	11632	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	15-11	1000	18039	Wed	Russian diplo/intel. 11100 71225 24685 14005 00029 37951 00000	FSK 200/1000	(AB)
F06	15-11	1010	14904	Wed	Russian diplo/intel. 11100 71225 24685 14005 00029 37951 00000	FSK 200/1000	(AB)

F06	15-11	1020	11547	Wed	Russian diplo/intel. 11100 71225 24685 14005 00029 37951 00000	FSK 200/1000	(AB)
F06	15-11	1240	13952	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	15-11	1250	11135	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	15-11	1300	11154	Wed	Russian diplo/intel. 11166 10075 12345 15046 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	15-11	1300	11427	Wed	Russian diplo/intel. 11166 60081 54321 15047 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	15-11	1310	9097	Wed	Russian diplo/intel. 11166 10075 12345 15046 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	15-11	1320	7839	Wed	Russian diplo/intel. 11166 10075 12345 15046 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	15-11	1320	9071	Wed	Russian diplo/intel. 11166 60081 54321 15047 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	16-11	0620	13974	Thu	Russian diplo/intel. 11100 00000 84625 15077 07229	FSK 200/1000	(AB)
F06	16-11	0630	12161	Thu	Russian diplo/intel. 11100 00000 84625 15077 07229	FSK 200/1000	(AB)
F06	16-11	0640	9923	Thu	Russian diplo/intel. 11100 00000 84625 15077 07229	FSK 200/1000	(AB-RUS)
F06	16-11	0700	12177	Thu	Russian diplo/intel. 11166 70202 25437 15073 01819 and 11166 70202 35719 15074 01639	FSK 200/1000	(AB)
F06	16-11	0710	10156	Thu	Russian diplo/intel. 11166 70202 25437 15073 01819 and 11166 70202 35719 15074 01639	FSK 200/1000	(AB)
F06	16-11	0720	8138	Thu	Russian diplo/intel. 11166 70202 25437 15073 01819 and 11166 70202 35719 15074 01639	FSK 200/1000	(AB)
F06	16-11	0800	17422	Thu	Russian diplo/intel. 11100 00000 86541 15006 00029 96321 00000	FSK 200/1000	(AB)
F06	16-11	0810	14977	Thu	Russian diplo/intel. 11100 00000 86541 15006 00029 96321 00000	FSK 200/1000	(AB)
F06	16-11	0820	12224	Thu	Russian diplo/intel. 11100 00000 86541 15006 00029 96321 00000	FSK 200/1000	(AB)
F06	16-11	0900	18044	Thu	Russian diplo/intel. 11100 00000 32548 15078 07129	FSK 200/1000	(AB)
F06	16-11	0910	14973	Thu	Russian diplo/intel. 11100 00000 32548 15078 07129	FSK 200/1000	(AB)
F06	16-11	0920	11632	Thu	Russian diplo/intel. 11100 00000 32548 15078 07129	FSK 200/1000	(AB)
F06	16-11	1000	18039	Thu	Russian diplo/intel. 11100 00000 31648 15079 03029 and 11100 00000 79651 15080 03029	FSK 200/1000	(AB)
F06	16-11	1010	14904	Thu	Russian diplo/intel. 11100 00000 31648 15079 03029 and 11100 00000 79651 15080 03029	FSK 200/1000	(AB)
F06	16-11	1020	11547	Thu	Russian diplo/intel. 11100 00000 31648 15079 03029 and 11100 00000 79651 15080 03029	FSK 200/1000	(AB)
F06	16-11	1100	16333	Thu	Russian diplo/intel. 11100 00000 84625 15077 07229	FSK 200/1000	(AB)
F06	16-11	1110	13451	Thu	Russian diplo/intel. 11100 00000 84625 15077 07229	FSK 200/1000	(AB)
F06	16-11	1120	10232	Thu	Russian diplo/intel. 11100 00000 84625 15077 07229	FSK 200/1000	(AB)
F06	16-11	1200	10231	Thu	Russian diplo/intel. 11166 70202 25437 15073 01819 and 11166 70202 35719 15074 01639	FSK 200/1000	(AB/MPJ)
F06	16-11	1210	8082	Thu	Russian diplo/intel. 11166 70202 25437 15073 01819 and 11166 70202 35719 15074 01639	FSK 200/1000	(AB-POL)
F06	16-11	1220	6869	Thu	Russian diplo/intel. 11166 70202 25437 15073 01819 and 11166 70202 35719 15074 01639	FSK 200/1000	(AB-POL)
F06	16-11	1240	13952	Thu	Russian diplo/intel. 11100 00000 32548 15078 07129	FSK 200/1000	(AB)
F06	16-11	1250	11135	Thu	Russian diplo/intel. 11100 00000 32548 15078 07129	FSK 200/1000	(AB)
F06	16-11	1330	17465	Thu	Russian diplo/intel. 11166 80214 69184 15041 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16-11	1340	14858	Thu	Russian diplo/intel. 11166 80214 69184 15041 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	16-11	1350	11631	Thu	Russian diplo/intel. 11166 80214 69184 15041 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	17-11	0620	13974	Fri	Russian diplo/intel. 11100 00000 91534 16082 03129 and 11100 00000 61954 16083 03129	FSK 200/1000	(AB)
F06	17-11	0630	12161	Fri	Russian diplo/intel. 11100 00000 91534 16082 03129 and 11100 00000 61954 16083 03129	FSK 200/1000	(AB)
F06	17-11	0640	9923	Fri	Russian diplo/intel. 11100 00000 91534 16082 03129 and 11100 00000 61954 16083 03129	FSK 200/1000	(AB-RUS)
F06	17-11	0700	12177	Fri	Russian diplo/intel. 11166 70202 85365 17094 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-11	0710	10156	Fri	Russian diplo/intel. 11166 70202 85365 17094 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-11	0720	8138	Fri	Russian diplo/intel. 11166 70202 85365 17094 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-11	0800	17422	Fri	Russian diplo/intel. 11100 00000 86412 16081 05029	FSK 200/1000	(AB)
F06	17-11	0810	14977	Fri	Russian diplo/intel. 11100 00000 86412 16081 05029	FSK 200/1000	(AB)
F06	17-11	0820	12224	Fri	Russian diplo/intel. 11100 00000 86412 16081 05029	FSK 200/1000	(AB)
F06	17-11	0900	18044	Fri	Russian diplo/intel. 11100 00000 61945 16084 03429 and 11100 00000 46193 16085 03429	FSK 200/1000	(AB)
F06	17-11	0910	14973	Fri	Russian diplo/intel. 11100 00000 61945 16084 03429 and 11100 00000 46193 16085 03429	FSK 200/1000	(AB)
F06	17-11	0920	11632	Fri	Russian diplo/intel. 11100 00000 61945 16084 03429 and 11100 00000 46193 16085 03429	FSK 200/1000	(AB)
F06	17-11	1000	18039	Fri	Russian diplo/intel. 11100 71225 91374 16007 00029 93176 00000	FSK 200/1000	(AB/PY)

F06	17-11	1010	14904	Fri	Russian diplo/intel. 11100 71225 91374 16007 00029 93176 00000	FSK 200/1000	(AB)
F06	17-11	1020	11547	Fri	Russian diplo/intel. 11100 71225 91374 16007 00029 93176 00000	FSK 200/1000	(AB)
F06	17-11	1100	16333	Fri	Russian diplo/intel. 11100 00000 91534 16082 03129 and 11100 00000 61954 16083 03129	FSK 200/1000	(AB)
F06	17-11	1110	13451	Fri	Russian diplo/intel. 11100 00000 91534 16082 03129 and 11100 00000 61954 16083 03129	FSK 200/1000	(AB)
F06	17-11	1120	10232	Fri	Russian diplo/intel. 11100 00000 91534 16082 03129 and 11100 00000 61954 16083 03129	FSK 200/1000	(AB)
F06	17-11	1240	13952	Fri	Russian diplo/intel. 11100 00000 61945 16084 03429 and 11100 00000 46193 16085 03429	FSK 200/1000	(AB)
F06	17-11	1250	11135	Fri	Russian diplo/intel. 11100 00000 61945 16084 03429 and 11100 00000 46193 16085 03429	FSK 200/1000	(AB)
F06	17-11	1340	10532	Fri	Russian diplo/intel. 11100 00000 91374 16007 00029 93176 00000	FSK 200/1000	(PY)
F06	17-11	1350	9043	Fri	Russian diplo/intel. 11100 00000 91374 16007 00029 93176 00000	FSK 200/1000	(PY)
F06	18-11	0620	13974	Sat	Russian diplo/intel. 11100 00000 19735 17086 03029 and 11100 00000 27914 17087 03029	FSK 200/1000	(AB)
F06	18-11	0630	12161	Sat	Russian diplo/intel. 11100 00000 19735 17086 03029 and 11100 00000 27914 17087 03029	FSK 200/1000	(AB)
F06	18-11	0640	9923	Sat	Russian diplo/intel. 11100 00000 19735 17086 03029 and 11100 00000 27914 17087 03029	FSK 200/1000	(AB)
F06	18-11	0900	18044	Sat	Russian diplo/intel. 11100 00000 37852 17088 03529 and 11100 00000 37459 17089 03529	FSK 200/1000	(AB)
F06	18-11	0910	14973	Sat	Russian diplo/intel. 11100 00000 37852 17088 03529 and 11100 00000 37459 17089 03529	FSK 200/1000	(AB)
F06	18-11	0920	11632	Sat	Russian diplo/intel. 11100 00000 37852 17088 03529 and 11100 00000 37459 17089 03529	FSK 200/1000	(AB)
F06	18-11	1100	16333	Sat	Russian diplo/intel. 11100 00000 19735 17086 03029 and 11100 00000 27914 17087 03029	FSK 200/1000	(AB)
F06	18-11	1110	13451	Sat	Russian diplo/intel. 11100 00000 19735 17086 03029 and 11100 00000 27914 17087 03029	FSK 200/1000	(AB)
F06	18-11	1120	10232	Sat	Russian diplo/intel. 11100 00000 19735 17086 03029 and 11100 00000 27914 17087 03029	FSK 200/1000	(AB)
F06	18-11	1240	13952	Sat	Russian diplo/intel. 11100 00000 37852 17088 03529 and 11100 00000 37459 17089 03529	FSK 200/1000	(AB)
F06	18-11	1250	11135	Sat	Russian diplo/intel. 11100 00000 37852 17088 03529 and 11100 00000 37459 17089 03529	FSK 200/1000	(AB)
F06	19-11	0620	13974	Sun	Russian diplo/intel. 11100 00000 17286 17091 03029 and 11100 00000 35714 17092 03029	FSK 200/1000	(AB)
F06	19-11	0630	12161	Sun	Russian diplo/intel. 11100 00000 17286 17091 03029 and 11100 00000 35714 17092 03029	FSK 200/1000	(AB)
F06	19-11	0640	9923	Sun	Russian diplo/intel. 11100 00000 17286 17091 03029 and 11100 00000 35714 17092 03029	FSK 200/1000	(AB)
F06	19-11	0900	18044	Sun	Russian diplo/intel. 11100 00000 58239 17093 03529 and 11100 00000 69358 17094 03529	FSK 200/1000	(AB)
F06	19-11	0910	14973	Sun	Russian diplo/intel. 11100 00000 58239 17093 03529 and 11100 00000 69358 17094 03529	FSK 200/1000	(AB)
F06	19-11	0920	11632	Sun	Russian diplo/intel. 11100 00000 58239 17093 03529 and 11100 00000 69358 17094 03529	FSK 200/1000	(AB)
F06	19-11	1100	16333	Sun	Russian diplo/intel. 11100 00000 17286 17091 03029 and 11100 00000 35714 17092 03029	FSK 200/1000	(AB)
F06	19-11	1110	13451	Sun	Russian diplo/intel. 11100 00000 17286 17091 03029 and 11100 00000 35714 17092 03029	FSK 200/1000	(AB)
F06	19-11	1120	10232	Sun	Russian diplo/intel. 11100 00000 17286 17091 03029 and 11100 00000 35714 17092 03029	FSK 200/1000	(AB)
F06	19-11	1240	13952	Sun	Russian diplo/intel. 11100 00000 58239 17093 03529 and 11100 00000 69358 17094 03529	FSK 200/1000	(AB)
F06	19-11	1250	11135	Sun	Russian diplo/intel. 11100 00000 58239 17093 03529 and 11100 00000 69358 17094 03529	FSK 200/1000	(AB)
F06	19-11	1530	14475	Sun	Russian diplo. 11166 10053 92438 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-11	1540	13521	Sun	Russian diplo. 11166 10053 92438 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-11	1550	10196	Sun	Russian diplo. 11166 10053 92438 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-11	0500	8174	Mon	Russian diplo/intel. 11166 70059 68431 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-11	0510	7316	Mon	Russian diplo/intel. 11166 70059 68431 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-11	0520	5929	Mon	Russian diplo/intel. 11166 70059 68431 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-11	0620	13974	Mon	Russian diplo/intel. 11100 00000 69214 17096 03529 and 11100 00000 91237 17097 03529	FSK 200/1000	(AB)
F06	20-11	0630	12161	Mon	Russian diplo/intel. 11100 00000 69214 17096 03529 and 11100 00000 91237 17097 03529	FSK 200/1000	(AB)
F06	20-11	0640	9923	Mon	Russian diplo/intel. 11100 00000 69214 17096 03529 and 11100 00000 91237 17097 03529	FSK 200/1000	(AB)
F06	20-11	0730	23007	Mon	Russian diplo/intel. 11100 00000 37924 20018 07029	FSK 200/1000	(linkz)
F06	20-11	0740	18765	Mon	Russian diplo/intel. 11100 00000 37924 20018 07029	FSK 200/1000	(PY)
F06	20-11	0800	17422	Mon	Russian diplo/intel. 11100 00000 98614 17008 00029 52781 00000	FSK 200/1000	(AB)
F06	20-11	0810	14977	Mon	Russian diplo/intel. 11100 00000 98614 17008 00029 52781 00000	FSK 200/1000	(AB)
F06	20-11	0820	12224	Mon	Russian diplo/intel. 11100 00000 98614 17008 00029 52781 00000	FSK 200/1000	(AB/PY)
F06	20-11	1000	18039	Mon	Russian diplo/intel. 11100 00000 31649 17099 03359 and 11100 00000 91357 17001 03359	FSK 200/1000	(AB)
F06	20-11	1010	14904	Mon	Russian diplo/intel. 11100 00000 31649 17099 03359 and 11100 00000 91357 17001 03359	FSK 200/1000	(AB)

F06	20-11	1020	11547	Mon	Russian diplo/intel. 11100 00000 31649 17099 03359 and 11100 00000 91357 17001 03359	FSK 200/1000	(AB)
F06	20-11	1100	16333	Mon	Russian diplo/intel. 11100 00000 69214 17096 03529 and 11100 00000 91237 17097 03529	FSK 200/1000	(AB)
F06	20-11	1110	13451	Mon	Russian diplo/intel. 11100 00000 69214 17096 03529 and 11100 00000 91237 17097 03529	FSK 200/1000	(AB)
F06	20-11	1120	10232	Mon	Russian diplo/intel. 11100 00000 69214 17096 03529 and 11100 00000 91237 17097 03529	FSK 200/1000	(AB)
F06	20-11	1340	10532	Mon	Russian diplo/intel. 11100 00000 31649 17099 03359 and 11100 00000 91357 17001 03359	FSK 200/1000	(PY)
F06	20-11	1350	9043	Mon	Russian diplo/intel. 11100 00000 31649 17099 03359 and 11100 00000 91357 17001 03359	FSK 200/1000	(PY)
F06	20-11	1350	9043	Mon	Russian diplo/intel. 11100 00000 35297 20010 03529 and 11100 00000 36541 20011 03529	FSK 200/1000	(PY)
F06	21-11	0030	10523	Tue	Russian diplo/intel. 11166 60070 12457 21056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-11	0040	8131	Tue	Russian diplo/intel. 11166 60070 12457 21056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-11	0050	7765	Tue	Russian diplo/intel. 11166 60070 12457 21056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-11	0620	13974	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	21-11	0630	12161	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	21-11	0640	9923	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB-RUS)
F06	21-11	0700	12177	Tue	Russian diplo/intel. 11166 70202 98610 20076 01979 and 11166 70202 38759 20077 01899	FSK 200/1000	(AB)
F06	21-11	0710	10156	Tue	Russian diplo/intel. 11166 70202 98610 20076 01979 and 11166 70202 38759 20077 01899	FSK 200/1000	(AB)
F06	21-11	0720	8138	Tue	Russian diplo/intel. 11166 70202 98610 20076 01979 and 11166 70202 38759 20077 01899	FSK 200/1000	(AB)
F06	21-11	0900	18044	Tue	Russian diplo/intel. 11100 00000 14256 20008 03359 and 11100 00000 78596 20009 03359	FSK 200/1000	(AB)
F06	21-11	0910	14973	Tue	Russian diplo/intel. 11100 00000 14256 20008 03359 and 11100 00000 78596 20009 03359	FSK 200/1000	(AB)
F06	21-11	0920	11632	Tue	Russian diplo/intel. 11100 00000 14256 20008 03359 and 11100 00000 78596 20009 03359	FSK 200/1000	(AB)
F06	21-11	1000	18039	Tue	Russian diplo/intel. 11100 00000 35297 20010 03529 and 11100 00000 36541 20011 03529	FSK 200/1000	(AB)
F06	21-11	1010	14904	Tue	Russian diplo/intel. 11100 00000 35297 20010 03529 and 11100 00000 36541 20011 03529	FSK 200/1000	(AB)
F06	21-11	1020	11547	Tue	Russian diplo/intel. 11100 00000 35297 20010 03529 and 11100 00000 36541 20011 03529	FSK 200/1000	(AB)
F06	21-11	1100	16333	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	21-11	1110	13451	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	21-11	1120	10232	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	21-11	1200	10231	Tue	Russian diplo/intel. 11166 70202 98610 20076 01979 and 11166 70202 38759 20077 01899	FSK 200/1000	(AB-RUS)
F06	21-11	1210	8082	Tue	Russian diplo/intel. 11166 70202 98610 20076 01979 and 11166 70202 38759 20077 01899	FSK 200/1000	(AB-RUS)
F06	21-11	1220	6869	Tue	Russian diplo/intel. 11166 70202 98610 20076 01979 and 11166 70202 38759 20077 01899	FSK 200/1000	(AB-RUS)
F06	21-11	1230	13831	Tue	Russian diplo/intel. 11166 30154 57845 21578 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J/PY)
F06	21-11	1230	13831	Tue	Russian diplo/intel. Probably a null message. Too weak to copy	FSK 200/1000	(PY)
F06	21-11	1240	13952	Tue	Russian diplo/intel. 11100 00000 14256 20008 03359 and 11100 00000 78596 20009 03359	FSK 200/1000	(AB)
F06	21-11	1240	10376	Tue	Russian diplo/intel. 11166 30154 57845 21578 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J/PY)
F06	21-11	1250	11135	Tue	Russian diplo/intel. 11100 00000 14256 20008 03359 and 11100 00000 78596 20009 03359	FSK 200/1000	(AB)
F06	21-11	1250	8128	Tue	Russian diplo/intel. 11166 30154 57845 21578 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J/PY)
F06	21-11	1340	10532	Tue	Russian diplo/intel. 11100 00000 35297 20010 03529 and 11100 00000 36541 20011 03529	FSK 200/1000	(PY)
F06	21-11	1650	13469	Tue	Russian diplo/intel. 11166 10053 98745 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-11	1700	11643	Tue	Russian diplo/intel. 11166 10053 98745 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-11	1710	9486	Tue	Russian diplo/intel. 11166 10053 98745 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-11	0600	20082	Wed	Russian diplo/intel. 11166 40122 48925 18083 03649	FSK 200/1000	(AB-RUS)
F06	22-11	0610	18207	Wed	Russian diplo/intel. 11166 40122 48925 18083 03649	FSK 200/1000	(AB-J)
F06	22-11	0620	16141	Wed	Russian diplo/intel. 11166 40122 48925 18083 03649	FSK 200/1000	(AB-J)
F06	22-11	0730	23007	Wed	Russian diplo/intel. 11100 00000 89365 23021 06529	FSK 200/1000	(PY)
F06	22-11	0730	23007	Wed	Russian diplo/intel. 11100 00000 17384 22020 07029	FSK 200/1000	(PY)
F06	22-11	0740	18765	Wed	Russian diplo/intel. 11100 00000 17384 22020 07029	FSK 200/1000	(PY)
F06	22-11	0750	14444	Wed	Russian diplo/intel. 11100 00000 17384 22020 07029	FSK 200/1000	(PY)
F06	22-11	0800	17422	Wed	Russian diplo/intel. 11100 00000 65981 21012 07129	FSK 200/1000	(AB)
F06	22-11	0810	14977	Wed	Russian diplo/intel. 11100 00000 65981 21012 07129	FSK 200/1000	(AB)

F06	22-11	0820	12224	Wed	Russian diplo/intel. 11100 00000 65981 21012 07129	FSK 200/1000	(AB)
F06	22-11	0900	18044	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	22-11	0910	14973	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	22-11	0920	11632	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	22-11	1000	18039	Wed	Russian diplo/intel. 11100 71225 28647 21009 00029 82153 00000	FSK 200/1000	(AB)
F06	22-11	1010	14904	Wed	Russian diplo/intel. 11100 71225 28647 21009 00029 82153 00000	FSK 200/1000	(AB)
F06	22-11	1015	27837	Wed	Russian diplo/intel. 11166 40023 13467 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-11	1020	11547	Wed	Russian diplo/intel. 11100 71225 28647 21009 00029 82153 00000	FSK 200/1000	(AB)
F06	22-11	1030	24083	Wed	Russian diplo/intel. 11166 40023 13467 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-11	1045	22887	Wed	Russian diplo/intel. 11166 40023 13467 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-11	1240	13952	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	22-11	1250	11135	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	22-11	1300	11154	Wed	Russian diplo/intel. 11166 10075 12345 22039 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	22-11	1300	11427	Wed	Russian diplo/intel. 11166 60081 67832 22047 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	22-11	1310	9057	Wed	Russian diplo/intel. 11166 10075 12345 22039 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	22-11	1320	7839	Wed	Russian diplo/intel. 11166 10075 12345 22039 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	22-11	1320	9071	Wed	Russian diplo/intel. 11166 60081 67832 22047 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	22-11	1330	12111	Wed	Russian diplo/intel. 11100 00000 28647 21009 00029 82153 00000	FSK 200/1000	(T101)
F06	22-11	1340	10532	Wed	Russian diplo/intel. 11100 00000 28647 21009 00029 82153 00000	FSK 200/1000	(T101)
F06	22-11	1350	9043	Wed	Russian diplo/intel. 11100 00000 28647 21009 00029 82153 00000	FSK 200/1000	(PY)
F06	23-11	0600	20082	Thu	Russian diplo/intel. 11166 40122 48925 18083 03649	FSK 200/1000	(AB-RUS)
F06	23-11	0610	18207	Thu	Russian diplo/intel. 11166 40122 48925 18083 03649	FSK 200/1000	(AB-J)
F06	23-11	0620	13974	Thu	Russian diplo/intel. 11100 00000 71293 22021 07229	FSK 200/1000	(AB)
F06	23-11	0620	16141	Thu	Russian diplo/intel. 11166 40122 48925 18083 03649	FSK 200/1000	(AB-J)
F06	23-11	0630	12161	Thu	Russian diplo/intel. 11100 00000 71293 22021 07229	FSK 200/1000	(AB)
F06	23-11	0640	9923	Thu	Russian diplo/intel. 11100 00000 71293 22021 07229	FSK 200/1000	(AB-RUS)
F06	23-11	0700	12177	Thu	Russian diplo/intel. 11166 70202 59624 22079 02159 and 11166 70202 36501 22080 01959	FSK 200/1000	(AB)
F06	23-11	0710	10156	Thu	Russian diplo/intel. 11166 70202 59624 22079 02159 and 11166 70202 36501 22080 01959	FSK 200/1000	(AB)
F06	23-11	0720	8138	Thu	Russian diplo/intel. 11166 70202 59624 22079 02159 and 11166 70202 36501 22080 01959	FSK 200/1000	(AB)
F06	23-11	0800	17422	Thu	Russian diplo/intel. 11100 00000 67452 22010 00029 64813 00000	FSK 200/1000	(AB)
F06	23-11	0810	14977	Thu	Russian diplo/intel. 11100 00000 67452 22010 00029 64813 00000	FSK 200/1000	(AB)
F06	23-11	0820	12224	Thu	Russian diplo/intel. 11100 00000 67452 22010 00029 64813 00000	FSK 200/1000	(AB)
F06	23-11	0900	18044	Thu	Russian diplo/intel. 11100 00000 16287 22022 07129	FSK 200/1000	(AB)
F06	23-11	0910	14973	Thu	Russian diplo/intel. 11100 00000 16287 22022 07129	FSK 200/1000	(AB)
F06	23-11	0920	11632	Thu	Russian diplo/intel. 11100 00000 16287 22022 07129	FSK 200/1000	(AB)
F06	23-11	1000	18039	Thu	Russian diplo/intel. 11100 00000 96173 22023 03029 and 11100 00000 67129 22024 03029	FSK 200/1000	(AB)
F06	23-11	1000	18039	Thu	Russian diplo/intel. 11100 00000 31648 29066 03029 and 11100 00000 18546 29067 03029	FSK 200/1000	(AB)
F06	23-11	1010	14904	Thu	Russian diplo/intel. 11100 00000 96173 22023 03029 and 11100 00000 67129 22024 03029	FSK 200/1000	(AB)
F06	23-11	1010	14904	Thu	Russian diplo/intel. 11100 00000 31648 29066 03029 and 11100 00000 18546 29067 03029	FSK 200/1000	(AB)
F06	23-11	1020	11547	Thu	Russian diplo/intel. 11100 00000 96173 22023 03029 and 11100 00000 67129 22024 03029	FSK 200/1000	(AB)
F06	23-11	1020	11547	Thu	Russian diplo/intel. 11100 00000 31648 29066 03029 and 11100 00000 18546 29067 03029	FSK 200/1000	(AB)
F06	23-11	1100	16333	Thu	Russian diplo/intel. 11100 00000 71293 22021 07229	FSK 200/1000	(AB)
F06	23-11	1110	13451	Thu	Russian diplo/intel. 11100 00000 71293 22021 07229	FSK 200/1000	(AB)
F06	23-11	1120	10232	Thu	Russian diplo/intel. 11100 00000 71293 22021 07229	FSK 200/1000	(AB)
F06	23-11	1200	10231	Thu	Russian diplo/intel. 11166 70202 59624 22079 02159 and 11166 70202 36501 22080 01959	FSK 200/1000	(AB)
F06	23-11	1210	8082	Thu	Russian diplo/intel. 11166 70202 59624 22079 02159 and 11166 70202 36501 22080 01959	FSK 200/1000	(AB-POL)
F06	23-11	1220	6869	Thu	Russian diplo/intel. 11166 70202 59624 22079 02159 and 11166 70202 36501 22080 01959	FSK 200/1000	(AB-POL)

F06	23-11	1240	13952	Thu	Russian diplo/intel. 11100 00000 16287 22022 07129	FSK 200/1000	(AB)
F06	23-11	1250	11135	Thu	Russian diplo/intel. 11100 00000 16287 22022 07129	FSK 200/1000	(AB)
F06	23-11	1330	17465	Thu	Russian diplo/intel. 11166 80214 15946 22066 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-11	1330	12111	Thu	Russian diplo/intel. 11100 00000 96173 22023 03029 and 11100 00000 67129 22024 03029	FSK 200/1000	(PY)
F06	23-11	1340	14858	Thu	Russian diplo/intel. 11166 80214 15946 22066 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-11	1340	10532	Thu	Russian diplo/intel. 11100 00000 96173 22023 03029 and 11100 00000 67129 22024 03029	FSK 200/1000	(PY)
F06	23-11	1350	11631	Thu	Russian diplo/intel. 11166 80214 15946 22066 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-11	1350	9043	Thu	Russian diplo/intel. 11100 00000 96173 22023 03029 and 11100 00000 67129 22024 03029	FSK 200/1000	(PY)
F06	24-11	0620	13974	Fri	Russian diplo/intel. 11100 00000 48951 23026 03129 and 11100 00000 15846 23027 03129	FSK 200/1000	(AB)
F06	24-11	0630	12161	Fri	Russian diplo/intel. 11100 00000 48951 23026 03129 and 11100 00000 15846 23027 03129	FSK 200/1000	(AB)
F06	24-11	0640	9923	Fri	Russian diplo/intel. 11100 00000 48951 23026 03129 and 11100 00000 15846 23027 03129	FSK 200/1000	(AB-RUS)
F06	24-11	0700	12177	Fri	Russian diplo/intel. 11166 70202 37465 24017 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-11	0710	10156	Fri	Russian diplo/intel. 11166 70202 37465 24017 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-11	0720	8138	Fri	Russian diplo/intel. 11166 70202 37465 24017 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-11	0730	23007	Fri	Russian diplo/intel. 11100 00000 58936 24022 07029	FSK 200/1000	(AB-KOR/PY)
F06	24-11	0740	18765	Fri	Russian diplo/intel. 11100 00000 58936 24022 07029	FSK 200/1000	(AB-KOR/PY)
F06	24-11	0750	14444	Fri	Russian diplo/intel. 11100 00000 58936 24022 07029	FSK 200/1000	(AB-KOR)
F06	24-11	0800	17422	Fri	Russian diplo/intel. 11100 00000 25847 23025 05029	FSK 200/1000	(AB)
F06	24-11	0810	14977	Fri	Russian diplo/intel. 11100 00000 25847 23025 05029	FSK 200/1000	(AB)
F06	24-11	0820	12224	Fri	Russian diplo/intel. 11100 00000 25847 23025 05029	FSK 200/1000	(AB)
F06	24-11	0900	18044	Fri	Russian diplo/intel. 11100 00000 95863 23028 03429 and 11100 00000 56398 23029 03429	FSK 200/1000	(AB)
F06	24-11	0910	14973	Fri	Russian diplo/intel. 11100 00000 95863 23028 03429 and 11100 00000 56398 23029 03429	FSK 200/1000	(AB)
F06	24-11	0920	11632	Fri	Russian diplo/intel. 11100 00000 95863 23028 03429 and 11100 00000 56398 23029 03429	FSK 200/1000	(AB)
F06	24-11	1000	18039	Fri	Russian diplo/intel. 11100 71225 65187 23011 00029 35984 00000	FSK 200/1000	(AB)
F06	24-11	1010	14904	Fri	Russian diplo/intel. 11100 71225 65187 23011 00029 35984 00000	FSK 200/1000	(AB)
F06	24-11	1020	11547	Fri	Russian diplo/intel. 11100 71225 65187 23011 00029 35984 00000	FSK 200/1000	(AB)
F06	24-11	1100	16333	Fri	Russian diplo/intel. 11100 00000 48951 23026 03129 and 11100 00000 15846 23027 03129	FSK 200/1000	(AB)
F06	24-11	1110	13451	Fri	Russian diplo/intel. 11100 00000 48951 23026 03129 and 11100 00000 15846 23027 03129	FSK 200/1000	(AB)
F06	24-11	1120	10232	Fri	Russian diplo/intel. 11100 00000 48951 23026 03129 and 11100 00000 15846 23027 03129	FSK 200/1000	(AB)
F06	24-11	1240	13952	Fri	Russian diplo/intel. 11100 00000 95863 23028 03429 and 11100 00000 56398 23029 03429	FSK 200/1000	(AB)
F06	24-11	1250	11135	Fri	Russian diplo/intel. 11100 00000 95863 23028 03429 and 11100 00000 56398 23029 03429	FSK 200/1000	(AB)
F06	25-11	0620	13974	Sat	Russian diplo/intel. 11100 00000 57416 24030 03029 and 11100 00000 35719 24031 03029	FSK 200/1000	(AB)
F06	25-11	0630	12161	Sat	Russian diplo/intel. 11100 00000 57416 24030 03029 and 11100 00000 35719 24031 03029	FSK 200/1000	(AB)
F06	25-11	0640	9923	Sat	Russian diplo/intel. 11100 00000 57416 24030 03029 and 11100 00000 35719 24031 03029	FSK 200/1000	(AB)
F06	25-11	0730	23007	Sat	Russian diplo/intel. 11100 00000 87452 25023 03529 and 11100 00000 89632 25024 03529	FSK 200/1000	(AB-KOR/PY)
F06	25-11	0740	18765	Sat	Russian diplo/intel. 11100 00000 87452 25023 03529 and 11100 00000 89632 25024 03529	FSK 200/1000	(AB-KOR/PY)
F06	25-11	0750	14444	Sat	Russian diplo/intel. 11100 00000 87452 25023 03529 and 11100 00000 89632 25024 03529	FSK 200/1000	(AB-KOR)
F06	25-11	0900	18044	Sat	Russian diplo/intel. 11100 00000 57823 24032 03529 and 11100 00000 32145 24033 03529	FSK 200/1000	(AB)
F06	25-11	0910	14973	Sat	Russian diplo/intel. 11100 00000 57823 24032 03529 and 11100 00000 32145 24033 03529	FSK 200/1000	(AB)
F06	25-11	0920	11632	Sat	Russian diplo/intel. 11100 00000 57823 24032 03529 and 11100 00000 32145 24033 03529	FSK 200/1000	(AB)
F06	25-11	1100	16333	Sat	Russian diplo/intel. 11100 00000 57416 24030 03029 and 11100 00000 35719 24031 03029	FSK 200/1000	(AB)
F06	25-11	1110	13451	Sat	Russian diplo/intel. 11100 00000 57416 24030 03029 and 11100 00000 35719 24031 03029	FSK 200/1000	(AB)
F06	25-11	1120	10232	Sat	Russian diplo/intel. 11100 00000 57416 24030 03029 and 11100 00000 35719 24031 03029	FSK 200/1000	(AB)
F06	25-11	1240	13952	Sat	Russian diplo/intel. 11100 00000 57823 24032 03529 and 11100 00000 32145 24033 03529	FSK 200/1000	(AB)
F06	25-11	1250	11135	Sat	Russian diplo/intel. 11100 00000 57823 24032 03529 and 11100 00000 32145 24033 03529	FSK 200/1000	(AB)
F06	26-11	0620	13974	Sun	Russian diplo/intel. 11100 00000 72413 24035 03029 and 11100 00000 16894 24036 03029	FSK 200/1000	(AB)
F06	26-11	0630	12161	Sun	Russian diplo/intel. 11100 00000 72413 24035 03029 and 11100 00000 16894 24036 03029	FSK 200/1000	(AB)

F06	26-11	0640	9923	Sun	Russian diplo/intel. 11100 00000 72413 24035 03029 and 11100 00000 16894 24036 03029	FSK 200/1000	(AB)
F06	26-11	0730	23007	Sun	Russian diplo/intel. 11100 00000 27469 26025 03529 and 11100 00000 17428 26026 03529	FSK 200/1000	(AB-KOR/PY)
F06	26-11	0740	18765	Sun	Russian diplo/intel. 11100 00000 27469 26025 03529 and 11100 00000 17428 26026 03529	FSK 200/1000	(AB-KOR)
F06	26-11	0750	14444	Sun	Russian diplo/intel. 11100 00000 27469 26025 03529 and 11100 00000 17428 26026 03529	FSK 200/1000	(AB-KOR)
F06	26-11	0900	18044	Sun	Russian diplo/intel. 11100 00000 83412 24037 03529 and 11100 00000 82345 24038 03529	FSK 200/1000	(AB)
F06	26-11	0910	14973	Sun	Russian diplo/intel. 11100 00000 83412 24037 03529 and 11100 00000 82345 24038 03529	FSK 200/1000	(AB)
F06	26-11	0920	11632	Sun	Russian diplo/intel. 11100 00000 83412 24037 03529 and 11100 00000 82345 24038 03529	FSK 200/1000	(AB)
F06	26-11	1100	16333	Sun	Russian diplo/intel. 11100 00000 72413 24035 03029 and 11100 00000 16894 24036 03029	FSK 200/1000	(AB)
F06	26-11	1110	13451	Sun	Russian diplo/intel. 11100 00000 72413 24035 03029 and 11100 00000 16894 24036 03029	FSK 200/1000	(AB)
F06	26-11	1120	10232	Sun	Russian diplo/intel. 11100 00000 72413 24035 03029 and 11100 00000 16894 24036 03029	FSK 200/1000	(AB)
F06	26-11	1240	13952	Sun	Russian diplo/intel. 11100 00000 83412 24037 03529 and 11100 00000 82345 24038 03529	FSK 200/1000	(AB)
F06	26-11	1250	11135	Sun	Russian diplo/intel. 11100 00000 83412 24037 03529 and 11100 00000 82345 24038 03529	FSK 200/1000	(AB)
F06	26-11	1530	14475	Sun	Russian diplo. 11166 10053 12637 26008 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-11	1540	13521	Sun	Russian diplo. 11166 10053 12637 26008 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	26-11	1550	10196	Sun	Russian diplo. 11166 10053 12637 26008 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-11	0620	13974	Mon	Russian diplo/intel. 11100 00000 15427 24040 03529 and 11100 00000 85743 24041 03529	FSK 200/1000	(AB)
F06	27-11	0630	12161	Mon	Russian diplo/intel. 11100 00000 15427 24040 03529 and 11100 00000 85743 24041 03529	FSK 200/1000	(AB)
F06	27-11	0640	9923	Mon	Russian diplo/intel. 11100 00000 15427 24040 03529 and 11100 00000 85743 24041 03529	FSK 200/1000	(AB)
F06	27-11	0730	23007	Mon	Russian diplo/intel. 11100 00000 42695 27027 07029	FSK 200/1000	(AB-KOR)
F06	27-11	0740	18765	Mon	Russian diplo/intel. 11100 00000 42695 27027 07029	FSK 200/1000	(AB-KOR)
F06	27-11	0750	14444	Mon	Russian diplo/intel. 11100 00000 42695 27027 07029	FSK 200/1000	(AB-KOR)
F06	27-11	0800	17422	Mon	Russian diplo/intel. 11100 00000 45819 24012 00029 95842 00000	FSK 200/1000	(AB)
F06	27-11	0810	14977	Mon	Russian diplo/intel. 11100 00000 45819 24012 00029 95842 00000	FSK 200/1000	(AB)
F06	27-11	0820	12224	Mon	Russian diplo/intel. 11100 00000 45819 24012 00029 95842 00000	FSK 200/1000	(AB/PY)
F06	27-11	1000	18039	Mon	Russian diplo/intel. 11100 00000 39785 24043 03359 and 11100 00000 78563 24044 03359	FSK 200/1000	(AB)
F06	27-11	1010	14904	Mon	Russian diplo/intel. 11100 00000 39785 24043 03359 and 11100 00000 78563 24044 03359	FSK 200/1000	(AB)
F06	27-11	1020	11547	Mon	Russian diplo/intel. 11100 00000 39785 24043 03359 and 11100 00000 78563 24044 03359	FSK 200/1000	(AB)
F06	27-11	1100	16333	Mon	Russian diplo/intel. 11100 00000 15427 24040 03529 and 11100 00000 85743 24041 03529	FSK 200/1000	(AB)
F06	27-11	1110	13451	Mon	Russian diplo/intel. 11100 00000 15427 24040 03529 and 11100 00000 85743 24041 03529	FSK 200/1000	(AB)
F06	27-11	1120	10232	Mon	Russian diplo/intel. 11100 00000 15427 24040 03529 and 11100 00000 85743 24041 03529	FSK 200/1000	(AB)
F06	27-11	1330	12111	Mon	Russian diplo/intel. 11100 00000 39785 24043 03359 and 11100 00000 78563 24044 03359	FSK 200/1000	(AB)
F06	27-11	1340	10532	Mon	Russian diplo/intel. 11100 00000 39785 24043 03359 and 11100 00000 78563 24044 03359	FSK 200/1000	(AB)
F06	27-11	1350	9043	Mon	Russian diplo/intel. 11100 00000 39785 24043 03359 and 11100 00000 78563 24044 03359	FSK 200/1000	(AB)
F06	28-11	0030	10523	Tue	Russian diplo/intel. Null message	FSK 200/1000	(AB)
F06	28-11	0040	8131	Tue	Russian diplo/intel. Null message	FSK 200/1000	(AB)
F06	28-11	0050	7765	Tue	Russian diplo/intel. Null message	FSK 200/1000	(AB)
F06	28-11	0620	13974	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	28-11	0630	12161	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	28-11	0640	9923	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB-RUS)
F06	28-11	0700	12177	Tue	Russian diplo/intel. 11166 70202 31258 27082 01839 and 11166 70202 45089 27083 01379	FSK 200/1000	(AB)
F06	28-11	0710	10156	Tue	Russian diplo/intel. 11166 70202 31258 27082 01839 and 11166 70202 45089 27083 01379	FSK 200/1000	(AB)
F06	28-11	0720	8138	Tue	Russian diplo/intel. 11166 70202 31258 27082 01839 and 11166 70202 45089 27083 01379	FSK 200/1000	(AB)
F06	28-11	0900	18044	Tue	Russian diplo/intel. 11100 00000 57362 27051 03359 and 11100 00000 25691 27052 03359	FSK 200/1000	(AB)
F06	28-11	0910	14973	Tue	Russian diplo/intel. 11100 00000 57362 27051 03359 and 11100 00000 25691 27052 03359	FSK 200/1000	(AB)
F06	28-11	0920	11632	Tue	Russian diplo/intel. 11100 00000 57362 27051 03359 and 11100 00000 25691 27052 03359	FSK 200/1000	(AB)
F06	28-11	1000	18039	Tue	Russian diplo/intel. 11100 00000 26845 27053 03529 and 11100 00000 31647 27054 03529	FSK 200/1000	(AB)
F06	28-11	1010	14904	Tue	Russian diplo/intel. 11100 00000 26845 27053 03529 and 11100 00000 31647 27054 03529	FSK 200/1000	(AB)

F06	28-11	1020	11547	Tue	Russian diplo/intel. 11100 00000 26845 27053 03529 and 11100 00000 31647 27054 03529	FSK 200/1000	(AB)
F06	28-11	1100	16333	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	28-11	1110	13451	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	28-11	1120	10232	Tue	Russian diplo/intel. 5 messages	FSK 200/1000	(AB)
F06	28-11	1200	10231	Tue	Russian diplo/intel. 11166 70202 31258 27082 01839 and 11166 70202 45089 27083 01379	FSK 200/1000	(AB)
F06	28-11	1210	8082	Tue	Russian diplo/intel. 11166 70202 31258 27082 01839 and 11166 70202 45089 27083 01379	FSK 200/1000	(AB)
F06	28-11	1220	6869	Tue	Russian diplo/intel. 11166 70202 31258 27082 01839 and 11166 70202 45089 27083 01379	FSK 200/1000	(AB-RUS)
F06	28-11	1240	13952	Tue	Russian diplo/intel. 11100 00000 57362 27051 03359 and 11100 00000 25691 27052 03359	FSK 200/1000	(AB)
F06	28-11	1250	11135	Tue	Russian diplo/intel. 11100 00000 57362 27051 03359 and 11100 00000 25691 27052 03359	FSK 200/1000	(AB)
F06	28-11	1330	12111	Tue	Russian diplo/intel. 11100 00000 26845 27053 03529 and 11100 00000 31647 27054 03529	FSK 200/1000	(AB)
F06	28-11	1340	10532	Tue	Russian diplo/intel. 11100 00000 26845 27053 03529 and 11100 00000 31647 27054 03529	FSK 200/1000	(AB)
F06	28-11	1350	9043	Tue	Russian diplo/intel. 11100 00000 26845 27053 03529 and 11100 00000 31647 27054 03529	FSK 200/1000	(AB)
F06	28-11	1650	13469	Tue	Russian diplo/intel. 11166 10053 54213 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-11	1700	11643	Tue	Russian diplo/intel. 11166 10053 54213 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-11	1710	9486	Tue	Russian diplo/intel. 11166 10053 54213 28001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-11	0600	20082	Wed	Russian diplo/intel. 11166 40122 54278 25084 03029 and 11166 40122 86429 25085 02939	FSK 200/1000	(AB-KOR)
F06	29-11	0610	18207	Wed	Russian diplo/intel. 11166 40122 54278 25084 03029 and 11166 40122 86429 25085 02939	FSK 200/1000	(AB-KOR)
F06	29-11	0620	16141	Wed	Russian diplo/intel. 11166 40122 54278 25084 03029 and 11166 40122 86429 25085 02939	FSK 200/1000	(AB-J)
F06	29-11	0800	17422	Wed	Russian diplo/intel. 11100 00000 25794 28055 07129	FSK 200/1000	(AB)
F06	29-11	0810	14977	Wed	Russian diplo/intel. 11100 00000 25794 28055 07129	FSK 200/1000	(AB)
F06	29-11	0820	12224	Wed	Russian diplo/intel. 11100 00000 25794 28055 07129	FSK 200/1000	(AB)
F06	29-11	0900	18044	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	29-11	0910	14973	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	29-11	0920	11632	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	29-11	1000	18039	Wed	Russian diplo/intel. 11100 71225 96325 28013 00029 20975 00000	FSK 200/1000	(AB)
F06	29-11	1010	14904	Wed	Russian diplo/intel. 11100 71225 96325 28013 00029 20975 00000	FSK 200/1000	(AB)
F06	29-11	1020	11547	Wed	Russian diplo/intel. 11100 71225 96325 28013 00029 20975 00000	FSK 200/1000	(AB)
F06	29-11	1240	13952	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	29-11	1250	11135	Wed	Russian diplo/intel. 7 messages	FSK 200/1000	(AB)
F06	29-11	1300	11154	Wed	Russian diplo/intel. 11166 10075 12547 29069 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	29-11	1300	11427	Wed	Russian diplo/intel. 11166 60081 74695 29069 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	29-11	1310	9097	Wed	Russian diplo/intel. 11166 10075 12547 29069 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	29-11	1320	7839	Wed	Russian diplo/intel. 11166 10075 12547 29069 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	29-11	1320	9071	Wed	Russian diplo/intel. 11166 60081 74695 29069 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	29-11	1330	12111	Wed	Russian diplo/intel. 11100 71225 96325 28013 00029 20975 00000	FSK 200/1000	(AB)
F06	29-11	1340	10532	Wed	Russian diplo/intel. 11100 71225 96325 28013 00029 20975 00000	FSK 200/1000	(AB)
F06	29-11	1350	9043	Wed	Russian diplo/intel. 11100 71225 96325 28013 00029 20975 00000	FSK 200/1000	(AB)
F06	30-11	0600	20082	Thu	Russian diplo/intel. 11166 40122 54278 25084 03029 and 11166 40122 86429 25085 02939	FSK 200/1000	(AB-KOR)
F06	30-11	0610	18207	Thu	Russian diplo/intel. 11166 40122 54278 25084 03029 and 11166 40122 86429 25085 02939	FSK 200/1000	(AB-KOR)
F06	30-11	0620	13974	Thu	Russian diplo/intel. 11100 00000 13487 29064 07229	FSK 200/1000	(AB)
F06	30-11	0620	16141	Thu	Russian diplo/intel. 11166 40122 54278 25084 03029 and 11166 40122 86429 25085 02939	FSK 200/1000	(AB-J)
F06	30-11	0630	12161	Thu	Russian diplo/intel. 11100 00000 13487 29064 07229	FSK 200/1000	(AB)
F06	30-11	0640	9923	Thu	Russian diplo/intel. 11100 00000 13487 29064 07229	FSK 200/1000	(AB-RUS)
F06	30-11	0700	12177	Thu	Russian diplo/intel. 11166 70202 27856 29085 01919 and 11166 70202 63410 29086 02259	FSK 200/1000	(AB)
F06	30-11	0710	10156	Thu	Russian diplo/intel. 11166 70202 27856 29085 01919 and 11166 70202 63410 29086 02259	FSK 200/1000	(AB)
F06	30-11	0720	8138	Thu	Russian diplo/intel. 11166 70202 27856 29085 01919 and 11166 70202 63410 29086 02259	FSK 200/1000	(AB)
F06	30-11	0800	17422	Thu	Russian diplo/intel. 11100 00000 24856 29014 00029 17135 00000	FSK 200/1000	(AB/PY)

F06	30-11	0810	14977	Thu	Russian diplo/intel. 11100 00000 24856 29014 00029 17135 00000	FSK 200/1000	(AB)
F06	30-11	0820	12224	Thu	Russian diplo/intel. 11100 00000 24856 29014 00029 17135 00000	FSK 200/1000	(AB)
F06	30-11	0900	18044	Thu	Russian diplo/intel. 11100 00000 71586 29065 07129	FSK 200/1000	(AB)
F06	30-11	0910	14973	Thu	Russian diplo/intel. 11100 00000 71586 29065 07129	FSK 200/1000	(AB)
F06	30-11	0920	11632	Thu	Russian diplo/intel. 11100 00000 71586 29065 07129	FSK 200/1000	(AB)
F06	30-11	1100	16333	Thu	Russian diplo/intel. 11100 00000 13487 29064 07229	FSK 200/1000	(AB/EW)
F06	30-11	1110	13451	Thu	Russian diplo/intel. 11100 00000 13487 29064 07229	FSK 200/1000	(AB/EW)
F06	30-11	1120	10232	Thu	Russian diplo/intel. 11100 00000 13487 29064 07229	FSK 200/1000	(AB/EW)
F06	30-11	1200	10231	Thu	Russian diplo/intel. 11166 70202 27856 29085 01919 and 11166 70202 63410 29086 02259	FSK 200/1000	(AB)
F06	30-11	1210	8082	Thu	Russian diplo/intel. 11166 70202 27856 29085 01919 and 11166 70202 63410 29086 02259	FSK 200/1000	(AB-POL)
F06	30-11	1220	6869	Thu	Russian diplo/intel. 11166 70202 27856 29085 01919 and 11166 70202 63410 29086 02259	FSK 200/1000	(AB-POL)
F06	30-11	1240	13952	Thu	Russian diplo/intel. 11100 00000 71586 29065 07129	FSK 200/1000	(AB)
F06	30-11	1250	11135	Thu	Russian diplo/intel. 11100 00000 71586 29065 07129	FSK 200/1000	(AB)
F06	30-11	1330	12111	Thu	Russian diplo/intel. 11100 00000 31648 29066 03029 and 11100 00000 18546 29067 03029	FSK 200/1000	(AB)
F06	30-11	1330	17465	Thu	Russian diplo/intel. 11166 80214 82459 30054 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	30-11	1340	10532	Thu	Russian diplo/intel. 11100 00000 31648 29066 03029 and 11100 00000 18546 29067 03029	FSK 200/1000	(AB)
F06	30-11	1340	14858	Thu	Russian diplo/intel. 11166 80214 82459 30054 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	30-11	1350	9043	Thu	Russian diplo/intel. 11100 00000 31648 29066 03029 and 11100 00000 18546 29067 03029	FSK 200/1000	(AB)
F06	30-11	1350	11631	Thu	Russian diplo/intel. 11166 80214 82459 30054 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06a	1-11	0700	12177	Wed	Russian diplo/intel. File 44460 (binary content)	FSK 200/1000	(AB)
F06a	1-11	0715	10156	Wed	Russian diplo/intel. File 44460 (binary content)	FSK 200/1000	(AB)
F06a	1-11	0730	8138	Wed	Russian diplo/intel. File 44460 (binary content)	FSK 200/1000	(AB)
F06a	1-11	1200	10231	Wed	Russian diplo/intel. File 44460 (binary content)	FSK 200/1000	(AB)
F06a	1-11	1215	8082	Wed	Russian diplo/intel. File 44460 (binary content)	FSK 200/1000	(AB)
F06a	1-11	1230	6869	Wed	Russian diplo/intel. File 44460 (binary content)	FSK 200/1000	(AB)
F06a	3-11	0500	4059	Fri	Russian diplo/intel. File 04405 (binary contents)	FSK 200/1000	(AB)
F06a	3-11	0515	5263	Fri	Russian diplo/intel. File 04405 (binary contents)	FSK 200/1000	(AB)
F06a	3-11	0530	6925	Fri	Russian diplo/intel. File 04405 (binary contents)	FSK 200/1000	(AB)
F06a	6-11	0700	12177	Mon	Russian diplo/intel. File 44463 (binary content)	FSK 200/1000	(AB)
F06a	6-11	0715	10156	Mon	Russian diplo/intel. File 44463 (binary content)	FSK 200/1000	(AB)
F06a	6-11	0730	8138	Mon	Russian diplo/intel. File 44463 (binary content)	FSK 200/1000	(AB)
F06a	6-11	1200	10231	Mon	Russian diplo/intel. File 44463 (binary content)	FSK 200/1000	(AB)
F06a	6-11	1215	8082	Mon	Russian diplo/intel. File 44463 (binary content)	FSK 200/1000	(AB)
F06a	6-11	1230	6869	Mon	Russian diplo/intel. File 44463 (binary content)	FSK 200/1000	(AB)
F06a	8-11	0700	12177	Wed	Russian diplo/intel. File 44466 (binary content)	FSK 200/1000	(AB)
F06a	8-11	0715	10156	Wed	Russian diplo/intel. File 44466 (binary content)	FSK 200/1000	(AB)
F06a	8-11	0730	8138	Wed	Russian diplo/intel. File 44466 (binary content)	FSK 200/1000	(AB)
F06a	8-11	1200	10231	Wed	Russian diplo/intel. File 44466 (binary content)	FSK 200/1000	(AB/MPJ)
F06a	8-11	1215	8082	Wed	Russian diplo/intel. File 44466 (binary content)	FSK 200/1000	(AB/MPJ)
F06a	8-11	1230	6869	Wed	Russian diplo/intel. File 44466 (binary content)	FSK 200/1000	(AB/MPJ)
F06a	9-11	0500	4059	Thu	Russian diplo/intel. File 44406 (binary contents)	FSK 200/1000	(AB)
F06a	9-11	0515	5263	Thu	Russian diplo/intel. File 44406 (binary contents)	FSK 200/1000	(AB)
F06a	9-11	0530	6925	Thu	Russian diplo/intel. File 44406 (binary contents)	FSK 200/1000	(AB)
F06a	10-11	0500	4059	Fri	Russian diplo/intel. File 44406 (binary contents)	FSK 200/1000	(AB)
F06a	10-11	0515	5263	Fri	Russian diplo/intel. File 44406 (binary contents)	FSK 200/1000	(AB)
F06a	10-11	0530	6925	Fri	Russian diplo/intel. File 44406 (binary contents)	FSK 200/1000	(AB)
F06a	11-11	1000	18039	Sat	Russian diplo/intel. File 44447 (binary contents)	FSK 200/1000	(PY)

F06a	11-11	1010	14904	Sat	Russian diplo/intel. File 44447 (binary contents)	FSK 200/1000	(AB)
F06a	11-11	1020	11547	Sat	Russian diplo/intel. File 44447 (binary contents)	FSK 200/1000	(AB)
F06a	12-11	1000	18039	Sun	Russian diplo/intel. File 44452 (binary contents)	FSK 200/1000	(PY)
F06a	12-11	1010	14904	Sun	Russian diplo/intel. File 44452 (binary contents)	FSK 200/1000	(AB)
F06a	12-11	1020	11547	Sun	Russian diplo/intel. File 44452 (binary contents)	FSK 200/1000	(AB)
F06a	13-11	0700	12177	Mon	Russian diplo/intel. File 44469 (binary content)	FSK 200/1000	(AB)
F06a	13-11	0715	10156	Mon	Russian diplo/intel. File 44469 (binary content)	FSK 200/1000	(AB)
F06a	13-11	0730	8138	Mon	Russian diplo/intel. File 44469 (binary content)	FSK 200/1000	(AB)
F06a	13-11	0900	18044	Mon	Russian diplo/intel. File 44455 (binary contents)	FSK 200/1000	(AB/PY)
F06a	13-11	0910	14973	Mon	Russian diplo/intel. File 44455 (binary contents)	FSK 200/1000	(AB/PY)
F06a	13-11	0920	11632	Mon	Russian diplo/intel. File 44455 (binary contents)	FSK 200/1000	(AB/PY)
F06a	13-11	1200	10231	Mon	Russian diplo/intel. File 44469 (binary content)	FSK 200/1000	(AB)
F06a	13-11	1215	8082	Mon	Russian diplo/intel. File 44469 (binary content)	FSK 200/1000	(AB)
F06a	13-11	1230	6869	Mon	Russian diplo/intel. File 44469 (binary content)	FSK 200/1000	(AB)
F06a	13-11	1240	13952	Mon	Russian diplo/intel. File 44455 (binary contents)	FSK 200/1000	(AB/PY)
F06a	13-11	1250	11135	Mon	Russian diplo/intel. File 44455 (binary contents)	FSK 200/1000	(AB/PY)
F06a	14-11	0800	17422	Tue	Russian diplo/intel. File 44458 (binary contents)	FSK 200/1000	(AB)
F06a	14-11	0810	14977	Tue	Russian diplo/intel. File 44458 (binary contents)	FSK 200/1000	(AB)
F06a	14-11	0820	12224	Tue	Russian diplo/intel. File 44458 (binary contents)	FSK 200/1000	(AB)
F06a	14-11	1520	10168	Tue	Russian diplo/intel.	FSK 200/1000	(AB-J)
F06a	15-11	0620	13974	Wed	Russian diplo/intel. File 44469 (binary contents)	FSK 200/1000	(AB)
F06a	15-11	0630	12161	Wed	Russian diplo/intel. File 44469 (binary contents)	FSK 200/1000	(AB)
F06a	15-11	0640	9923	Wed	Russian diplo/intel. File 44469 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	15-11	0700	12177	Wed	Russian diplo/intel. File 44472 (binary content)	FSK 200/1000	(AB)
F06a	15-11	0715	10156	Wed	Russian diplo/intel. File 44472 (binary content)	FSK 200/1000	(AB)
F06a	15-11	0730	8138	Wed	Russian diplo/intel. File 44472 (binary content)	FSK 200/1000	(AB)
F06a	15-11	1100	16333	Wed	Russian diplo/intel. File 44469 (binary contents)	FSK 200/1000	(AB)
F06a	15-11	1110	13451	Wed	Russian diplo/intel. File 44469 (binary contents)	FSK 200/1000	(AB)
F06a	15-11	1120	10232	Wed	Russian diplo/intel. File 44469 (binary contents)	FSK 200/1000	(AB)
F06a	15-11	1200	10231	Wed	Russian diplo/intel. File 44472 (binary content)	FSK 200/1000	(AB)
F06a	15-11	1215	8082	Wed	Russian diplo/intel. File 44472 (binary content)	FSK 200/1000	(AB)
F06a	15-11	1230	6869	Wed	Russian diplo/intel. File 44472 (binary content)	FSK 200/1000	(AB)
F06a	16-11	0500	4059	Thu	Russian diplo/intel. File 44407 (binary contents)	FSK 200/1000	(AB)
F06a	16-11	0515	5263	Thu	Russian diplo/intel. File 44407 (binary contents)	FSK 200/1000	(AB)
F06a	16-11	0530	6925	Thu	Russian diplo/intel. File 44407 (binary contents)	FSK 200/1000	(AB)
F06a	16-11	1640	6786	Thu	Russian diplo/intel. File 40144~1.TXT (1979 bytes). Header 11100 40144 45802 12160 03209	FSK 200/1000	(PY)
F06a	17-11	0500	4059	Fri	Russian diplo/intel. File 44407 (binary contents)	FSK 200/1000	(AB)
F06a	17-11	0515	5263	Fri	Russian diplo/intel. File 44407 (binary contents)	FSK 200/1000	(AB)
F06a	17-11	0530	6925	Fri	Russian diplo/intel. File 44407 (binary contents)	FSK 200/1000	(AB)
F06a	18-11	1000	18039	Sat	Russian diplo/intel. File 44490 (binary contents)	FSK 200/1000	(AB)
F06a	18-11	1010	14904	Sat	Russian diplo/intel. File 44490 (binary contents)	FSK 200/1000	(AB)
F06a	18-11	1020	11547	Sat	Russian diplo/intel. File 44490 (binary contents)	FSK 200/1000	(AB)
F06a	19-11	1000	18039	Sun	Russian diplo/intel. File 44495 (binary contents)	FSK 200/1000	(AB)
F06a	19-11	1010	14904	Sun	Russian diplo/intel. File 44495 (binary contents)	FSK 200/1000	(AB)
F06a	19-11	1020	11547	Sun	Russian diplo/intel. File 44495 (binary contents)	FSK 200/1000	(AB)
F06a	20-11	0700	12177	Mon	Russian diplo/intel. File 44475 (binary content)	FSK 200/1000	(AB)
F06a	20-11	0715	10156	Mon	Russian diplo/intel. File 44475 (binary content)	FSK 200/1000	(AB)

F06a	20-11	0730	8138	Mon	Russian diplo/intel. File 44475 (binary content)	FSK 200/1000	(AB)
F06a	20-11	0900	18044	Mon	Russian diplo/intel. File 44498 (binary contents)	FSK 200/1000	(AB)
F06a	20-11	0910	14973	Mon	Russian diplo/intel. File 44498 (binary contents)	FSK 200/1000	(AB)
F06a	20-11	0920	11632	Mon	Russian diplo/intel. File 44498 (binary contents)	FSK 200/1000	(AB)
F06a	20-11	1200	10231	Mon	Russian diplo/intel. File 44475 (binary content)	FSK 200/1000	(AB)
F06a	20-11	1215	8082	Mon	Russian diplo/intel. File 44475 (binary content)	FSK 200/1000	(AB-POL)
F06a	20-11	1230	6869	Mon	Russian diplo/intel. File 44475 (binary content)	FSK 200/1000	(AB-POL)
F06a	20-11	1240	13952	Mon	Russian diplo/intel. File 44498 (binary contents)	FSK 200/1000	(AB)
F06a	20-11	1250	11135	Mon	Russian diplo/intel. File 44498 (binary contents)	FSK 200/1000	(AB)
F06a	21-11	0800	17422	Tue	Russian diplo/intel. File 44402 (binary contents)	FSK 200/1000	(AB)
F06a	21-11	0810	14977	Tue	Russian diplo/intel. File 44402 (binary contents)	FSK 200/1000	(AB)
F06a	21-11	0820	12224	Tue	Russian diplo/intel. File 44402 (binary contents)	FSK 200/1000	(AB)
F06a	22-11	0620	13974	Wed	Russian diplo/intel. File 44413 (binary contents)	FSK 200/1000	(AB)
F06a	22-11	0630	12161	Wed	Russian diplo/intel. File 44413 (binary contents)	FSK 200/1000	(AB)
F06a	22-11	0640	9923	Wed	Russian diplo/intel. File 44413 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	22-11	0700	12177	Wed	Russian diplo/intel. File 44478 (binary content)	FSK 200/1000	(AB)
F06a	22-11	0715	10156	Wed	Russian diplo/intel. File 44478 (binary content)	FSK 200/1000	(AB/Tel)
F06a	22-11	0730	8138	Wed	Russian diplo/intel. File 44478 (binary content)	FSK 200/1000	(AB)
F06a	22-11	1100	16333	Wed	Russian diplo/intel. File 44413 (binary contents)	FSK 200/1000	(AB)
F06a	22-11	1110	13451	Wed	Russian diplo/intel. File 44413 (binary contents)	FSK 200/1000	(AB)
F06a	22-11	1120	10232	Wed	Russian diplo/intel. File 44413 (binary contents)	FSK 200/1000	(AB)
F06a	22-11	1200	10231	Wed	Russian diplo/intel. File 44478 (binary content)	FSK 200/1000	(AB)
F06a	22-11	1215	8082	Wed	Russian diplo/intel. File 44478 (binary content)	FSK 200/1000	(AB)
F06a	22-11	1230	6869	Wed	Russian diplo/intel. File 44478 (binary content)	FSK 200/1000	(AB)
F06a	23-11	0500	4059	Thu	Russian diplo/intel. File 44408 (binary contents)	FSK 200/1000	(AB)
F06a	23-11	0515	5263	Thu	Russian diplo/intel. File 44408 (binary contents)	FSK 200/1000	(AB)
F06a	23-11	0530	6925	Thu	Russian diplo/intel. File 44408 (binary contents)	FSK 200/1000	(AB)
F06a	24-11	0500	4059	Fri	Russian diplo/intel. File 44408 (binary contents)	FSK 200/1000	(AB)
F06a	24-11	0515	5263	Fri	Russian diplo/intel. File 44408 (binary contents)	FSK 200/1000	(AB)
F06a	24-11	0530	6925	Fri	Russian diplo/intel. File 44408 (binary contents)	FSK 200/1000	(AB)
F06a	25-11	0700	14840	Sat	Russian diplo/intel. File 44024 (4061 bytes, binary contents)	FSK 200/1000	(PY)
F06a	25-11	0715	13859	Sat	Russian diplo/intel. File 44024 (4061 bytes, binary contents)	FSK 200/1000	(PY)
F06a	25-11	0720	12079	Sat	Russian diplo/intel. File 44024 (4061 bytes, binary contents)	FSK 200/1000	(PY)
F06a	25-11	1000	18039	Sat	Russian diplo/intel. File 44434 (binary contents)	FSK 200/1000	(AB)
F06a	25-11	1010	14904	Sat	Russian diplo/intel. File 44434 (binary contents)	FSK 200/1000	(AB)
F06a	25-11	1020	11547	Sat	Russian diplo/intel. File 44434 (binary contents)	FSK 200/1000	(AB)
F06a	25-11	1330	12111	Sat	Russian diplo/intel. File 44434 (binary contents)	FSK 200/1000	(AB)
F06a	25-11	1340	10532	Sat	Russian diplo/intel. File 44434 (binary contents)	FSK 200/1000	(AB/PY)
F06a	25-11	1350	9043	Sat	Russian diplo/intel. File 44434 (binary contents)	FSK 200/1000	(AB)
F06a	26-11	1000	18039	Sun	Russian diplo/intel. File 44439 (binary contents)	FSK 200/1000	(AB)
F06a	26-11	1010	14904	Sun	Russian diplo/intel. File 44439 (binary contents)	FSK 200/1000	(AB)
F06a	26-11	1020	11547	Sun	Russian diplo/intel. File 44439 (binary contents)	FSK 200/1000	(AB)
F06a	26-11	1330	12111	Sun	Russian diplo/intel. File 44439 (binary contents)	FSK 200/1000	(AB/PY)
F06a	26-11	1340	10532	Sun	Russian diplo/intel. File 44439 (binary contents)	FSK 200/1000	(AB)
F06a	26-11	1350	9043	Sun	Russian diplo/intel. File 44439 (binary contents)	FSK 200/1000	(AB)
F06a	27-11	0700	12177	Mon	Russian diplo/intel. File 44481 (binary content)	FSK 200/1000	(AB)
F06a	27-11	0715	10156	Mon	Russian diplo/intel. File 44481 (binary content)	FSK 200/1000	(AB)

F06a	27-11	0730	8138	Mon	Russian diplo/intel. File 44481 (binary content)	FSK 200/1000	(AB)
F06a	27-11	0800	10316	Mon	Russian diplo/intel. File: 00173~1.TXT (1967 bytes). Header: 11100 00173 34267 25148 03189	FSK 200/1000	(PY)
F06a	27-11	0810	12219	Mon	Russian diplo/intel. File: 00173~1.TXT (1967 bytes). Header: 11100 00173 34267 25148 03189	FSK 200/1000	(PY)
F06a	27-11	0820	14652	Mon	Russian diplo/intel. File: 00173~1.TXT (1967 bytes). Header: 11100 00173 34267 25148 03189	FSK 200/1000	(PY)
F06a	27-11	0900	18044	Mon	Russian diplo/intel. File 44442 (binary contents)	FSK 200/1000	(AB)
F06a	27-11	0910	14973	Mon	Russian diplo/intel. File 44442 (binary contents)	FSK 200/1000	(AB)
F06a	27-11	0920	11632	Mon	Russian diplo/intel. File 44442 (binary contents)	FSK 200/1000	(AB)
F06a	27-11	1200	10231	Mon	Russian diplo/intel. File 44481 (binary content)	FSK 200/1000	(AB)
F06a	27-11	1215	8082	Mon	Russian diplo/intel. File 44481 (binary content)	FSK 200/1000	(AB-POL)
F06a	27-11	1230	6869	Mon	Russian diplo/intel. File 44481 (binary content)	FSK 200/1000	(AB-POL)
F06a	27-11	1240	13952	Mon	Russian diplo/intel. File 44442 (binary contents)	FSK 200/1000	(AB)
F06a	27-11	1250	11135	Mon	Russian diplo/intel. File 44442 (binary contents)	FSK 200/1000	(AB)
F06a	28-11	0800	17422	Tue	Russian diplo/intel. File 44405 (binary contents)	FSK 200/1000	(AB)
F06a	28-11	0810	14977	Tue	Russian diplo/intel. File 44405 (binary contents)	FSK 200/1000	(AB)
F06a	28-11	0820	12224	Tue	Russian diplo/intel. File 44405 (binary contents)	FSK 200/1000	(AB)
F06a	28-11	1030	12227	Tue	Russian diplo/intel. File 10053~1.TXT (2028 bytes). Header: 11100 10053 28630 26160 03289	FSK 200/1000	(PY)
F06a	28-11	1040	14423	Tue	Russian diplo/intel. File 10053~1.TXT (2028 bytes). Header: 11100 10053 28630 26160 03289	FSK 200/1000	(PY)
F06a	28-11	1050	16283	Tue	Russian diplo/intel. File 10053~1.TXT (2028 bytes). Header: 11100 10053 28630 26160 03289	FSK 200/1000	(PY)
F06a	29-11	0620	13974	Wed	Russian diplo/intel. File 44456 (binary contents). Header: 44400 00000 82541 28056 00009	FSK 200/1000	(AB)
F06a	29-11	0630	12161	Wed	Russian diplo/intel. File 44456 (binary contents). Header: 44400 00000 82541 28056 00009	FSK 200/1000	(AB)
F06a	29-11	0640	9923	Wed	Russian diplo/intel. File 44456 (binary contents). Header: 44400 00000 82541 28056 00009	FSK 200/1000	(AB-RUS)
F06a	29-11	0700	12177	Wed	Russian diplo/intel. File 44484 (binary content). Header 11166 70202 95162 28084 00009	FSK 200/1000	(AB)
F06a	29-11	0715	10156	Wed	Russian diplo/intel. File 44484 (binary content). Header 11166 70202 95162 28084 00009	FSK 200/1000	(AB)
F06a	29-11	0730	8138	Wed	Russian diplo/intel. File 44484 (binary content). Header 11166 70202 95162 28084 00009	FSK 200/1000	(AB)
F06a	29-11	1100	16333	Wed	Russian diplo/intel. File 44456 (binary contents). Header: 44400 00000 82541 28056 00009	FSK 200/1000	(AB/MPJ)
F06a	29-11	1110	13451	Wed	Russian diplo/intel. File 44456 (binary contents). Header: 44400 00000 82541 28056 00009	FSK 200/1000	(AB/MPJ)
F06a	29-11	1120	10232	Wed	Russian diplo/intel. File 44456 (binary contents). Header: 44400 00000 82541 28056 00009	FSK 200/1000	(AB/MPJ)
F06a	29-11	1200	10231	Wed	Russian diplo/intel. File 44484 (binary content). Header 11166 70202 95162 28084 00009	FSK 200/1000	(AB/MPJ)
F06a	29-11	1215	8082	Wed	Russian diplo/intel. File 44484 (binary content). Header 11166 70202 95162 28084 00009	FSK 200/1000	(AB/MPJ)
F06a	29-11	1230	6869	Wed	Russian diplo/intel. File 44484 (binary content). Header 11166 70202 95162 28084 00009	FSK 200/1000	(AB/MPJ)
F06a	30-11	0500	4059	Thu	Russian diplo/intel. File 44409 (binary contents)	FSK 200/1000	(AB)
F06a	30-11	0515	5263	Thu	Russian diplo/intel. File 44409 (binary contents)	FSK 200/1000	(AB)
F06a	30-11	0530	6925	Thu	Russian diplo/intel. File 44409 (binary contents)	FSK 200/1000	(AB)
F07	9-11	2100	8182	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	9-11	2110	7856	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	9-11	2120	7541	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	9-11	2130	6992	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	9-11	2140	6802	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	9-11	2150	5818	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	14-11	2100	8182	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	14-11	2110	7856	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	14-11	2120	7541	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	14-11	2130	6992	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	14-11	2140	6802	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	14-11	2150	5818	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-11	2100	8182	Fri	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-11	2110	7856	Fri	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)

F07	17-11	2120	7541	Fri	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-11	2130	6992	Fri	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-11	2140	6802	Fri	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-11	2150	5818	Fri	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-11	2100	8182	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-11	2110	7856	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-11	2120	7541	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-11	2130	6992	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-11	2140	6802	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	21-11	2150	5818	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	23-11	2100	8182	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
F07	23-11	2110	7856	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
F07	23-11	2120	7541	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
F07	23-11	2130	6992	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
F07	23-11	2140	6802	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
F07	23-11	2150	5818	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
F07	28-11	2100	8182	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	28-11	2110	7856	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	28-11	2120	7541	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	28-11	2130	6992	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	28-11	2140	6802	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	28-11	2150	5818	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	30-11	2100	8182	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
F07	30-11	2110	7856	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
F07	30-11	2120	7541	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
F07	30-11	2130	6992	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
F07	30-11	2140	6802	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
F07	30-11	2150	5818	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB-POL)
M01	2-11	1800	5320	Thu	197 590 590 30 30 == 00022 77180 85500 ... 75760 00206 22200 == 590 590 30 30 000	CW	(AB/SOB)
M01	2-11	2000	4490	Thu	197 672 672 30 30 == 00011 92001 95502 ... 39820 64570 77000 == 672 672 30 30 000	CW	(AB/SOB)
M01	2-11	2000	4490	Thu	197-672/30=00011	CW	(HFD)
M01	4-11	1500	5810	Sat	197 159 159 30 30 == 90909 12312 55443 ... 33884 98765 00002 == 159 159 30 30 000	CW	(AB)
M01	4-11	1500	5810	Sat	197-159/30=90909 12312	CW	(HFD)
M01	5-11	0700	5465	Sun	197 405 405 30 30 == 34567 23231 90909 ... 87654 99807 76567 == 405 405 30 30 000	CW	(AB-FIN/SOB)
M01	5-11	0700	5465	Sun	197-405/30=34567	CW	(HFD)
M01	7-11	1807	5320	Tue	Late start without ID. VVV 785 785 30 30 = = 11765 12765 13765 ... 28765 29765 20765 785 785 30 30 000	CW	(AB-FIN)
M01	7-11	2000	4490	Tue	Several wrong repeats and the first group is missing. 197 746 746 30 30 = = 12090 13090 14090 ... 38090 39090 30090 = = 746 746 30 30 000	CW	(AB/SOB)
M01	9-11	1800	5320	Thu	197 534 534 30 30 = = 10745 10432 12546 ... 85743 10205 43657 = = 534 534 30 30 000	CW	(AB/SOB)
M01	9-11	1800	5320	Thu	197-##4/30=10745	CW	(HFD)
M01	9-11	2000	4490	Thu	197 328 328 30 30 = = 50604 20473 10662 ... 14362 60556 18754 = = 328 328 30 30 000	CW	(AB/SOB)
M01	11-11	1500	5810	Sat	197 306 306 30 30 = = 28764 43672 20936 ... 26399 53338 67207 = = 306 306 30 30 000	CW	(AB)
M01	12-11	0659	5465	Sun	197 832 832 30 30 = = 18756 24367 28746 ... 94562 13089 55025 = = 832 832 30 30 000	CW	(AB-FIN/SOB)
M01	14-11	1800	5320	Tue	197 654 654 30 30 = = 11789 12789 13789 ... 38789 39789 30789 = = 654 654 30 30 000	CW	(AB)
M01	14-11	2000	4490	Tue	197 376 376 30 30 = = 11565 12565 13565 ... 38565 39565 30565 = = 376 376 30 30 000. Groups 11, 20, 21 were not repeated	CW	(SOB)
M01	16-11	1800	5320	Thu	197 381 381 30 30 = = 38291 64831 51943 ... 63421 29154 47385 = = 381 38 30 30 000	CW	(AB/SOB)

M01	16-11	2000	4490	Thu	197 499 499 30 30 == 92815 03728 73821 ... 28105 50305 (50305) 38204 == 499 499 30 30 000 Groups 9, 10 and 29 were sent twice.	CW	(AB/SOB)
M01	18-11	1500	5810	Sat	197 875 875 30 30 == 80978 68790 65789 ... 32695 64970 79806 == 875 875 30 30 000	CW	(SOB)
M01	19-11	0700	5465	Sun	197 156 156 30 30 == 68745 32896 89706 ... 75869 95642 45673 == 156 156 30 30 000	CW	(AB-FIN/SOB)
M01	23-11	1800	5320	Thu	197 354 354 30 30 == 84756 ... very weak, none of the groups was repeated	CW	(AB)
M01	25-11	1500	5810	Sat	197 738 738 30 30 == 87366 77187 67800 ... 28455 88100 77390 == 738 738 30 30 000	CW	(AB-FIN/SOB)
M01	26-11	0700	5465	Sun	197 745 745 30 30 == 63782 46788 45627 ... 66785 11190 56672 745 745 30 30 000	CW	(AB-FIN/SOB)
M01	28-11	1800	5320	Tue	197 ... (too weak to copy)	CW	(AB)
M01	30-11	1800	5320	Thu	197 357 357 30 30 == 73948 32536 73648 ... 17365 92748 90908 == 357 357 30 30 000 No breaks between repeats. Only 29 groups were sent.	CW	(SOB)
M01	30-11	2000	4490	Thu	197 188 188 30 30 == 16574 98097 65869 ... 53789 25456 87879 == 188 188 30 30 000 No breaks between repeats. Only 28 groups were sent.	CW	(AB/SOB)
M01a	8-11	0532	9129	Wed	498 498 498 53173 53173 ... 498 498 498 52482 52472 etc	CW	(SOB)
M01a	8-11	0621	9421	Wed	135 135 135 60479 60479 ... 135 135 135 69788 69788 etc	CW	(SOB)
M01a	15-11	0530	9129	Wed	498 498 498 53173 53173 ... 111 000	CW	(SOB)
M01a	15-11	0620	9421	Wed	135 135 135 60479 60479 ... 111 000	CW	(SOB)
M01a	22-11	1253	5251	Wed	371 48600 371 40416 333 40416 333 40305 371 4 333 41846 371 333 41936 371 333 41936 471 371 333 41936 000	CW	(sse)
M12	1-11	0700	11493	Wed	433 433 433 000	CW	(AB)
M12	1-11	0700	11493	Wed	433:0	CW	(HFD)
M12	1-11	0720	13393	Wed	433 433 433 000	CW	(AB)
M12	1-11	0720	13393	Wed	433:0	CW	(HFD)
M12	1-11	0800	17432	Wed	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB)
M12	1-11	0800	17432	Wed	451:1	CW	(HFD)
M12	1-11	0820	18532	Wed	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB)
M12	1-11	0820	18532	Wed	451:1	CW	(HFD)
M12	1-11	0840	19132	Wed	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB)
M12	1-11	0840	19132	Wed	451:1	CW	(HFD)
M12	1-11	2000	6917	Wed	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)
M12	1-11	2000	6917	Wed	981:1	CW	(HFD)
M12	1-11	2020	5817	Wed	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)
M12	1-11	2020	5817	Wed	981:1	CW	(HFD)
M12	1-11	2040	5117	Wed	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)
M12	1-11	2040	5117	Wed	981:1	CW	(HFD)
M12	2-11	0300	16184	Thu	174:1	CW	(HFD-J)
M12	2-11	0320	14784	Thu	174:1	CW	(HFD-J)
M12	2-11	0340	13484	Thu	174:1	CW	(HFD)
M12	2-11	1110	13386	Thu	725 725 725 1 4621 92 4621 92 75176 89316 98327 ... 04524 89997 51831 000 000	CW	(AB/MPJ/SOB)
M12	2-11	1110	13386	Thu	725:1	CW	(HFD)
M12	2-11	1130	12189	Thu	725 725 725 1 4621 92 4621 92 75176 89316 98327 ... 04524 89997 51831 000 000	CW	(AB/MPJ/SOB)
M12	2-11	1130	12189	Thu	725:1	CW	(HFD)
M12	2-11	1150	11491	Thu	725 725 725 1 4621 92 4621 92 75176 89316 98327 ... 04524 89997 51831 000 000	CW	(AB/MPJ/SOB)
M12	2-11	1150	11491	Thu	725:1	CW	(HFD)
M12	2-11	1400	16292	Thu	283 283 283 000	CW	(AB/MPJ/SOB)
M12	2-11	1400	16292	Thu	283:0	CW	(HFD)
M12	2-11	1420	14892	Thu	283 283 283 000	CW	(AB/MPJ/SOB)
M12	2-11	1420	14892	Thu	283:0	CW	(HFD)

M12	2-11	2300	10446	Thu	392 392 392 000	CW	(AB/SOB)
M12	2-11	2300	10446	Thu	392:0	CW	(HFD)
M12	2-11	2320	9046	Thu	392 392 392 000	CW	(AB/SOB)
M12	2-11	2320	9046	Thu	392:0	CW	(HFD)
M12	3-11	2000	6917	Fri	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)
M12	3-11	2020	5817	Fri	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)
M12	3-11	2040	5117	Fri	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)
M12	3-11	2200	6859	Fri	849 849 849 1 7418 85 7418 85 87978 73793 23818 ... 22246 94600 81302 000 000	CW	(AB/SOB)
M12	3-11	2220	7459	Fri	849 849 849 1 7418 85 7418 85 87978 73793 23818 ... 22246 94600 81302 000 000	CW	(AB/SOB)
M12	3-11	2240	7959	Fri	849 849 849 1 7418 85 7418 85 87978 73793 23818 ... 22246 94600 81302 000 000	CW	(AB/SOB)
M12	4-11	0700	11493	Sat	433 433 433 000	CW	(AB)
M12	4-11	0720	13393	Sat	433 433 433 000	CW	(AB)
M12	4-11	1800	11435	Sat	938 938 938 1 1931 79 1931 79 55810 26444 51901 ... 93734 09213 11956 000 000	CW	(AB)
M12	4-11	1800	11435	Sat	938:1	CW	(HFD)
M12	4-11	1820	10598	Sat	938 938 938 1 1931 79 1931 79 55810 26444 51901 ... 93734 09213 11956 000 000	CW	(AB)
M12	4-11	1820	10598	Sat	938:1	CW	(HFD)
M12	4-11	1840	9327	Sat	938 938 938 1 1931 79 1931 79 55810 26444 51901 ... 93734 09213 11956 000 000	CW	(AB)
M12	4-11	1840	9327	Sat	938:1	CW	(HFD)
M12	4-11	2200	6859	Sat	849 849 849 1 7418 85 7418 85 87978 73793 23818 ... 22246 94600 81302 000 000	CW	(AB/SOB)
M12	4-11	2200	6859	Sat	849:1	CW	(HFD)
M12	4-11	2220	7459	Sat	849 849 849 1 7418 85 7418 85 87978 73793 23818 ... 22246 94600 81302 000 000	CW	(AB/SOB)
M12	4-11	2220	7459	Sat	849:1	CW	(HFD)
M12	4-11	2240	7959	Sat	849 849 849 1 7418 85 7418 85 87978 73793 23818 ... 22246 94600 81302 000 000	CW	(AB/SOB)
M12	4-11	2240	9959	Sat	849:1	CW	(HFD)
M12	5-11	0800	17432	Sun	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB/SOB)
M12	5-11	0820	18532	Sun	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB/SOB)
M12	5-11	0840	19132	Sun	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB/SOB)
M12	5-11	2310	13373	Sun	312 312 312 1 3015 127 3015 127 97986 97289 71881 ... 37632 40523 36402 000 000	CW	(SOB)
M12	5-11	2330	12173	Sun	312 312 312 1 3015 127 3015 127 97986 97289 71881 ... 37632 40523 36402 000 000	CW	(SOB)
M12	5-11	2350	10273	Sun	312 312 312 1 3015 127 3015 127 97986 97289 71881 ... 37632 40523 36402 000 000	CW	(SOB)
M12	6-11	1400	16292	Mon	283 283 283 1 659 87 659 87 44779 42182 06346 ... 93062 74981 68502 000 000	CW	(AB/SOB)
M12	6-11	1420	14892	Mon	283 283 283 1 659 87 659 87 44779 42182 06346 ... 93062 74981 68502 000 000	CW	(AB/SOB)
M12	6-11	1440	14392	Mon	283 283 283 1 659 87 659 87 44779 42182 06346 ... 93062 74981 68502 000 000	CW	(AB/SOB)
M12	6-11	2300	10446	Mon	392 392 392 1 414 81 414 81 95389 17921 11155 ... 97942 25777 99612 000 000	CW	(AB/SOB/RL)
M12	6-11	2320	9046	Mon	392 392 392 1 414 81 414 81 95389 17921 11155 ... 97942 25777 99612 000 000	CW	(AB/SOB/RL)
M12	6-11	2340	7946	Mon	392 392 392 1 414 81 414 81 95389 17921 11155 ... 97942 25777 99612 000 000	CW	(AB/SOB/RL)
M12	8-11	0700	11493	Wed	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB)
M12	8-11	0700	11493	Wed	433:1	CW	(HFD)
M12	8-11	0720	13393	Wed	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB)
M12	8-11	0720	13393	Wed	433:1	CW	(HFD)
M12	8-11	0740	14393	Wed	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB)
M12	8-11	0740	14393	Wed	433:1	CW	(HFD)
M12	8-11	0800	17432	Wed	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB)
M12	8-11	0820	18532	Wed	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB/SOB)
M12	8-11	0840	19132	Wed	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB/SOB)
M12	8-11	2000	6917	Wed	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)
M12	8-11	2020	5817	Wed	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)

M12	8-11	2040	5117	Wed	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)
M12	8-11	2310	13373	Wed	312:1	CW	(HFD)
M12	8-11	2310	13373	Wed	312 312 312 1 2043 119 2043 119 93424 91023 78150 ... 99337 67711 37167 000 000	CW	(SOB)
M12	8-11	2330	12173	Wed	312:1	CW	(HFD)
M12	8-11	2330	12173	Wed	312 312 312 1 2043 119 2043 119 93424 91023 78150 ... 99337 67711 37167 000 000	CW	(SOB)
M12	8-11	2350	10273	Wed	312:1	CW	(HFD)
M12	8-11	2350	10273	Wed	312 312 312 1 2043 119 2043 119 93424 91023 78150 ... 99337 67711 37167 000 000	CW	(SOB)
M12	9-11	1110	13386	Thu	725 725 725 1 9878 98 9878 98 36875 45807 93135 ... 15355 94234 79743 000 000	CW	(AB/SOB)
M12	9-11	1130	12189	Thu	725 725 725 1 9878 98 9878 98 36875 45807 93135 ... 15355 94234 79743 000 000	CW	(AB/SOB)
M12	9-11	1150	11491	Thu	725 725 725 1 9878 98 9878 98 36875 45807 93135 ... 15355 94234 79743 000 000	CW	(AB/SOB)
M12	9-11	1400	16292	Thu	283 283 283 1 659 87 659 87 44779 42182 06346 ... 93062 74981 68502 000 000	CW	(AB/SOB)
M12	9-11	1420	14892	Thu	283 283 283 1 659 87 659 87 44779 42182 06346 ... 93062 74981 68502 000 000	CW	(AB/SOB)
M12	9-11	1440	14392	Thu	283 283 283 1 659 87 659 87 44779 42182 06346 ... 93062 74981 68502 000 000	CW	(AB/SOB)
M12	9-11	2300	10446	Thu	392 392 392 1 414 81 414 81 95389 17921 11155 ... 97942 25777 99612 000 000	CW	(AB/RL/SOB)
M12	9-11	2320	9046	Thu	392 392 392 1 414 81 414 81 95389 17921 11155 ... 97942 25777 99612 000 000	CW	(AB/RL/SOB)
M12	9-11	2340	7946	Thu	392 392 392 1 414 81 414 81 95389 17921 11155 ... 97942 25777 99612 000 000	CW	(AB/RL/SOB)
M12	10-11	0030	6874	Fri	803:0	CW	(HFD)
M12	10-11	0050	8074	Fri	803:0	CW	(HFD)
M12	10-11	2000	6917	Fri	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)
M12	10-11	2020	5817	Fri	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)
M12	10-11	2040	5117	Fri	981 981 981 1 6342 184 6342 184 77836 76530 11629 ... 32100 54223 21700 000 000	CW	(AB/SOB)
M12	10-11	2200	6859	Fri	849 849 849 000	CW	(AB)
M12	10-11	2220	7459	Fri	849 849 849 000	CW	(AB)
M12	11-11	0700	11493	Sat	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB)
M12	11-11	0720	13393	Sat	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB)
M12	11-11	0740	14393	Sat	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB/SOB)
M12	11-11	1800	11435	Sat	938 938 938 1 9502 77 9502 77 56735 49079 04632 ... 53998 20170 96371 000 000	CW	(AB/SOB)
M12	11-11	1820	10598	Sat	938 938 938 1 9502 77 9502 77 56735 49079 04632 ... 53998 20170 96371 000 000	CW	(AB/SOB)
M12	11-11	1840	9327	Sat	938 938 938 1 9502 77 9502 77 56735 49079 04632 ... 53998 20170 96371 000 000	CW	(AB/SOB)
M12	11-11	2200	6859	Sat	849 849 849 000	CW	(AB)
M12	11-11	2220	7459	Sat	849 849 849 000	CW	(AB)
M12	12-11	0800	17432	Sun	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB/SOB)
M12	12-11	0820	18532	Sun	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB/SOB)
M12	12-11	0840	19132	Sun	451 451 451 1 656 171 656 171 88779 80483 34090 ... 38914 82670 78450 000 000	CW	(AB/SOB)
M12	13-11	0010	16275	Mon	296:1	CW	(HFD-J)
M12	13-11	0030	15975	Mon	296:1	CW	(HFD-J)
M12	13-11	0050	14675	Mon	296:1	CW	(HFD-J)
M12	13-11	1400	16292	Mon	283 283 283 1 2727 94 2727 94 36008 30531 08114 ... 08837 76425 32838 000 000	CW	(AB)
M12	13-11	1420	14892	Mon	283 283 283 1 2727 94 2727 94 36008 30531 08114 ... 08837 76425 32838 000 000	CW	(AB)
M12	13-11	1440	14392	Mon	283 283 283 1 2727 94 2727 94 36008 30531 08114 ... 08837 76425 32838 000 000	CW	(AB)
M12	13-11	2300	10446	Mon	392 392 392 1 4272 86 4272 86 85311 82476 19552 ... 77857 58930 43188 000 000	CW	(AB/RL)
M12	13-11	2320	9046	Mon	392 392 392 1 4272 86 4272 86 85311 82476 19552 ... 77857 58930 43188 000 000	CW	(AB/RL)
M12	13-11	2340	7946	Mon	392 392 392 1 4272 86 4272 86 85311 82476 19552 ... 77857 58930 43188 000 000	CW	(AB/RL)
M12	15-11	0700	11493	Wed	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB/SOB)
M12	15-11	0720	13393	Wed	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB/SOB)
M12	15-11	0740	14393	Wed	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB/SOB)
M12	15-11	0800	17432	Wed	451 451 451 000	CW	(AB/SOB)

M12	15-11	0820	18532	Wed	451 451 451 000	CW	(AB/SOB)
M12	15-11	2000	6917	Wed	981 981 981 000	CW	(AB/SOB)
M12	15-11	2020	5817	Wed	981 981 981 000	CW	(AB/SOB)
M12	15-11	2310	13373	Wed	312 312 312 000	CW	(RL/SOB)
M12	15-11	2330	12173	Wed	312 312 312 000	CW	(RL/SOB)
M12	16-11	1110	13386	Thu	725 725 725 1 1511 96 1511 96 24848 12766 19995 ... 96741 80209 35944 000 000	CW	(AB/MPJ-AUT/SOB)
M12	16-11	1130	12189	Thu	725 725 725 1 1511 96 1511 96 24848 12766 19995 ... 96741 80209 35944 000 000	CW	(AB/MPJ-AUT/SOB)
M12	16-11	1150	11491	Thu	725 725 725 1 1511 96 1511 96 24848 12766 19995 ... 96741 80209 35944 000 000	CW	(AB/MPJ-AUT/SOB)
M12	16-11	1400	16292	Thu	283 283 283 1 2727 94 2727 94 36008 30531 08114 ... 08837 76425 32838 000 000	CW	(AB/SOB)
M12	16-11	1420	14892	Thu	283 283 283 1 2727 94 2727 94 36008 30531 08114 ... 08837 76425 32838 000 000	CW	(AB/SOB)
M12	16-11	1440	14392	Thu	283 283 283 1 2727 94 2727 94 36008 30531 08114 ... 08837 76425 32838 000 000	CW	(AB/SOB)
M12	16-11	2300	10446	Thu	392 392 392 1 4272 86 4272 86 85311 82376 19552 ... 77857 58930 43188 000 000	CW	(SOB)
M12	16-11	2320	9046	Thu	392 392 392 1 4272 86 4272 86 85311 82376 19552 ... 77857 58930 43188 000 000	CW	(SOB)
M12	16-11	2340	7946	Thu	392 392 392 1 4272 86 4272 86 85311 82376 19552 ... 77857 58930 43188 000 000	CW	(SOB)
M12	17-11	2000	6917	Fri	981 981 981 000	CW	(AB/SOB)
M12	17-11	2020	5817	Fri	981 981 981 000	CW	(AB/SOB)
M12	17-11	2020	7459	Fri	849 849 849 000	CW	(SOB)
M12	17-11	2200	6859	Fri	849 849 849 000	CW	(SOB)
M12	17-11	2300	10446	Fri	392 392 392 1 4272 86 4272 86 85311 82476 19552 ... 77857 58930 43188 000 000	CW	(AB/RL)
M12	17-11	2320	9046	Fri	392 392 392 1 4272 86 4272 86 85311 82476 19552 ... 77857 58930 43188 000 000	CW	(AB/RL)
M12	17-11	2340	7946	Fri	392 392 392 1 4272 86 4272 86 85311 82476 19552 ... 77857 58930 43188 000 000	CW	(AB/RL)
M12	18-11	0700	11493	Sat	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB/SOB)
M12	18-11	0720	13393	Sat	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB/SOB)
M12	18-11	0740	14393	Sat	433 433 433 1 619 154 619 154 86212 26235 42517 ... 43693 21797 23312 000 000	CW	(AB/SOB)
M12	18-11	1800	11435	Sat	938 938 938 1 6833 72 6833 72 26398 07140 94768 ... 26327 85121 29364 000 000	CW	(SOB)
M12	18-11	1820	10598	Sat	938 938 938 1 6833 72 6833 72 26398 07140 94768 ... 26327 85121 29364 000 000	CW	(SOB)
M12	18-11	1840	9327	Sat	938 938 938 1 6833 72 6833 72 26398 07140 94768 ... 26327 85121 29364 000 000	CW	(SOB)
M12	18-11	2020	7459	Sat	849 849 849 000	CW	(SOB)
M12	18-11	2200	6859	Sat	849 849 849 000	CW	(AB/SOB)
M12	19-11	0800	17432	Sun	451 451 451 000	CW	(AB/SOB)
M12	19-11	0820	18532	Sun	451 451 451 000	CW	(AB/SOB)
M12	19-11	2310	13373	Sun	312 312 312 000	CW	(SOB)
M12	19-11	2330	12173	Sun	312 312 312 000	CW	(SOB)
M12	20-11	1400	16292	Mon	283 283 283 000	CW	(AB/SOB)
M12	20-11	1420	14892	Mon	283 283 283 000	CW	(AB/SOB)
M12	20-11	2300	10446	Mon	392 392 392 000	CW	(AB/RL/SOB)
M12	20-11	2320	9046	Mon	392 392 392 000	CW	(AB/RL/SOB)
M12	22-11	0700	11493	Wed	433 433 433 000	CW	(AB)
M12	22-11	0720	13393	Wed	433 433 433 000	CW	(AB)
M12	22-11	0800	17432	Wed	451 451 451 1 294 90 294 90 88472 18164 87940 ... 29450 48359 45253 000 000	CW	(AB)
M12	22-11	0820	18532	Wed	451 451 451 1 294 90 294 90 88472 18164 87940 ... 29450 48359 45253 000 000	CW	(AB/Tel)
M12	22-11	0840	19132	Wed	451 451 451 1 294 90 294 90 88472 18164 87940 ... 29450 48359 45253 000 000	CW	(AB)
M12	22-11	2000	6917	Wed	981 981 981 1 ...	CW	(AB)
M12	22-11	2020	5817	Wed	981 981 981 1 ...	CW	(AB)
M12	22-11	2040	5117	Wed	981 981 981 1 ...	CW	(AB)
M12	23-11	1110	13386	Thu	725 725 725 1 7689 91 7689 91 43708 05814 71960 ... 65406 89768 000 000	CW	(AB)
M12	23-11	1130	12189	Thu	725 725 725 1 7689 91 7689 91 43708 05814 71960 ... 65406 89768 000 000	CW	(AB)

M12	23-11	1150	11491	Thu	725 725 725 1 7689 91 7689 91 43708 05814 71960 ... 65406 89768 000 000	CW	(AB)
M12	23-11	1400	16292	Thu	283 283 283 000	CW	(AB)
M12	23-11	1420	14892	Thu	283 283 283 000	CW	(AB)
M12	25-11	0700	11493	Sat	433 433 433 000	CW	(AB/SOB)
M12	25-11	0720	13393	Sat	433 433 433 000	CW	(AB/SOB)
M12	25-11	1800	11435	Sat	938 938 938 1 1014 72 1014 72 63619 78775 75626 ... 89777 11475 67733 000 000	CW	(SOB)
M12	25-11	1820	10598	Sat	938 938 938 1 1014 72 1014 72 63619 78775 75626 ... 89777 11475 67733 000 000	CW	(SOB)
M12	25-11	1840	9327	Sat	938 938 938 1 1014 72 1014 72 63619 78775 75626 ... 89777 11475 67733 000 000	CW	(SOB)
M12	25-11	2200	6859	Sat	849 849 849 1 405 120 405 120 33406 44645 10202 ... 29396 58323 70552 000 000	CW	(SOB)
M12	25-11	2220	7459	Sat	849 849 849 1 405 120 405 120 33406 44645 10202 ... 29396 58323 70552 000 000	CW	(SOB)
M12	25-11	2240	7959	Sat	849 849 849 1 405 120 405 120 33406 44645 10202 ... 29396 58323 70552 000 000	CW	(SOB)
M12	26-11	0800	17432	Sun	451 451 451 1 294 90 294 90 88472 18164 87940 ... 29450 48359 45253 000 000	CW	(AB/SOB)
M12	26-11	0820	18532	Sun	451 451 451 1 294 90 294 90 88472 18164 87940 ... 29450 48359 45253 000 000	CW	(AB/SOB)
M12	26-11	0840	19132	Sun	451 451 451 1 294 90 294 90 88472 18164 87940 ... 29450 48359 45253 000 000	CW	(AB/SOB)
M12	27-11	1400	16292	Mon	283 283 283 1 9643 93 9643 93 81708 63690 44136 ... 73085 51459 27726 000 000	CW	(AB)
M12	27-11	1420	14892	Mon	283 283 283 1 9643 93 9643 93 81708 63690 44136 ... 73085 51459 27726 000 000	CW	(AB)
M12	27-11	1440	14392	Mon	283 283 283 1 9643 93 9643 93 81708 63690 44136 ... 73085 51459 27726 000 000	CW	(AB)
M12	29-11	0700	11493	Wed	433 433 433 000	CW	(AB/SOB)
M12	29-11	0720	13393	Wed	433 433 433 000	CW	(AB/SOB)
M12	29-11	0800	17432	Wed	451 451 451 000	CW	(AB/SOB)
M12	29-11	0820	18532	Wed	451 451 451 000	CW	(AB/SOB)
M12	29-11	2000	6917	Wed	981 981 981 1 3175 238 3175 238 89956 27018 45953 ... 83311 30829 03245 000 000	CW	(AB/SOB)
M12	29-11	2020	5817	Wed	981 981 981 1 3175 238 3175 238 89956 27018 45953 ... 83311 30829 03245 000 000	CW	(AB/SOB)
M12	29-11	2040	5117	Wed	981 981 981 1 3175 238 3175 238 89956 27018 45953 ... 83311 30829 03245 000 000	CW	(AB/SOB)
M12	29-11	2310	13373	Wed	312 312 312 1 694 131 694 131 ...	CW	(SOB)
M12	29-11	2330	12173	Wed	312 312 312 1 694 131 694 131 ...	CW	(SOB)
M12	29-11	2350	10273	Wed	312 312 312 1 694 131 694 131 ...	CW	(SOB)
M12	30-11	1110	13386	Thu	725 725 725 1 8563 94 8563 94 15558 28360 82561 ... 27997 04994 87247 000 000	CW	(AB/MPJ/SOB)
M12	30-11	1130	12189	Thu	725 725 725 1 8563 94 8563 94 15558 28360 82561 ... 27997 04994 87247 000 000	CW	(AB/MPJ/SOB)
M12	30-11	1150	11491	Thu	725 725 725 1 8563 94 8563 94 15558 28360 82561 ... 27997 04994 87247 000 000	CW	(AB/MPJ/SOB)
M12	30-11	1400	16292	Thu	283 283 283 1 9643 93 9643 93 81708 63690 44136 ... 73085 51459 27726 000 000	CW	(AB/MPJ)
M12	30-11	1420	14892	Thu	283 283 283 1 9643 93 9643 93 81708 63690 44136 ... 73085 51459 27726 000 000	CW	(AB/MPJ)
M12	30-11	1440	14392	Thu	283 283 283 1 9643 93 9643 93 81708 63690 44136 ... 73085 51459 27726 000 000	CW	(AB/MPJ)
M12	30-11	2300	10446	Thu	392 392 392 1 1977 79 1977 79 23837 13311 00275 ... 67593 94873 69163 000 000	CW	(SOB)
M12	30-11	2320	9046	Thu	392 392 392 1 1977 79 1977 79 23837 13311 00275 ... 67593 94873 69163 000 000	CW	(SOB)
M12	30-11	2340	7946	Thu	392 392 392 1 1977 79 1977 79 23837 13311 00275 ... 67593 94873 69163 000 000	CW	(SOB)
M14	1-11	0500	12211	Wed	952 710 710 66 66 == 60458 77646 85934 ... 39132 06680 63286 == 710 710 66 66 00000	CW	(AB-J)
M14	1-11	0500	12211	Wed	952-710/66=60458	CW	(HFD-RUS)
M14	1-11	0520	12211	Wed	952 (R 32sec) switched to 10243 kHz	CW	(AB)
M14	1-11	0520	10243	Wed	952 710 710 66 66 == 60458 77646 85934 ... 39132 06680 63286 == 710 710 66 66 00000	CW	(AB-J)
M14	1-11	0520	10243	Wed	952	CW	(HFD-RUS)
M14	2-11	0500	12211	Thu	952 648 648 57 57 == 24474 67249 12513 ... 69700 32165 66806 == 648 648 57 57 00000	CW	(AB-J)
M14	2-11	0520	10243	Thu	952 648 648 57 57 == 24474 67249 12513 ... 69700 32165 66806 == 648 648 57 57 00000 Off after the callup. Restart at 0526z.	CW	(AB-J)
M14	3-11	0500	12211	Fri	952 371 371 52 52 == 38703 64350 89309 ... Off after group 32	CW	(AB-J)
M14	3-11	0525	10243	Fri	952 371 371 52 52 == 38703 64350 89309 ... 75336 85606 54032 == 371 371 52 52 00000 Late start	CW	(AB-J)
M14	4-11	1200	11073	Sat	352 489 36 == 73870 41745 56824 ... 51227 72024 05420 == 489 36 00000	CW	(sse)

M14	5-11	1105	11073	Sun	352 489 36 == 73870 41745 56824 ... 51227 72024 05420 == 489 36 00000	CW	(sse)
M14	7-11	0500	12211	Tue	952 604 604 51 51 == 00103 84297 44565 ... 41188 99748 98892 == 604 604 51 51 00000	CW	(AB-J)
M14	7-11	0520	10243	Tue	952 604 604 51 51 == 00103 84297 44565 ... 41188 99748 98892 == 604 604 51 51 00000	CW	(AB-J)
M14	8-11	0500	12211	Wed	952 679 679 51 51 == 66187 57149 21066 ... 55523 00360 27969 679 679 51 51 00000	CW	(Subilo/AB)
M14	8-11	0528	10243	Wed	Carrier, at 0532 UTC: 952 679 679 51 51 == 66187 57149 21066 ... 55523 00360 27969 679 679 51 51 00000	CW	(Subilo/AB)
M14	9-11	0500	12211	Thu	952 104 104 52 52 == 37197 94944 71630 ... 74277 65773 55586 == 104 104 52 52 00000	CW	(AB-J)
M14	9-11	0520	10243	Thu	952 104 104 52 52 == 37197 94944 71630 ... 74277 65773 55586 == 104 104 52 52 00000	CW	(AB-J)
M14	9-11	1100	9463	Thu	801 (R29m30s) 347 56 = 02641 18699 02327 ... 57694 19543 89 [6s silence] 801 801 801	CW	(PY)
M14	10-11	0500	12211	Fri	952 740 740 56 56 == 64590 36303 95600 ... 56307 35120 71932 == 740 740 56 56 00000	CW	(Subilo/AB)
M14	10-11	0520	10243	Fri	952 740 740 56 56 == 64590 36303 95600 ... 56307 35120 71932 == 740 740 56 56 00000	CW	(Subilo/AB)
M14	13-11	0500	12211	Mon	952 740 740 56 56 == 64590 36303 95600 ... 56307 35120 71932 == 740 740 56 56 00000	CW	(Subilo/AB)
M14	13-11	0520	10243	Mon	952 740 740 56 56 == 64590 36303 95600 ... 56307 35120 71932 == 740 740 56 56 00000	CW	(Subilo/AB)
M14	14-11	0500	12211	Tue	952 681 681 53 53 == 39900 87822 68533 ... 25990 94544 72913 == 681 681 53 53 00000	CW	(Subilo/AB)
M14	14-11	0520	10243	Tue	952 681 681 53 53 == 39900 87822 68533 ... 25990 94544 72913 == 681 681 53 53 00000	CW	(Subilo/AB)
M14	15-11	0500	12211	Wed	952 370 370 61 61 == 88317 60343 23567 ... 68408 85317 28018 == 370 370 61 61 00000	CW	(Subilo/AB)
M14	15-11	0520	10243	Wed	952 370 370 61 61 == 88317 60343 23567 ... 68408 85317 28018 == 370 370 61 61 00000	CW	(Subilo/AB)
M14	16-11	0500	12211	Thu	952 416 416 58 58 == 60661 42250 43765 ... 28801 82278 50980 == 416 416 58 58 00000	CW	(Subilo/AB)
M14	16-11	0520	10243	Thu	952 (R4) off	CW	(Subilo/AB)
M14	17-11	0500	12211	Fri	952 803 803 59 59 == 64094 63444 42064 ... 96921 06977 40501 == 803 803 59 59 00000	CW	(Subilo/AB)
M14	17-11	0520	10243	Fri	952 803 803 59 59 == 64094 63444 42064 ... 96921 06977 40501 == 803 803 59 59 00000	CW	(Subilo/AB)
M14	19-11	1100	11073	Sun	___ 970 970 38 38 == _____ ... 93161 94389 46999 == 970 970 38 38 00000	CW	(SOB)
M14	19-11	1100	11073	Sun	352 970 38 == 93262 39461 65342 ... 93161 94389 46999 == 970 38 00000	CW	(sse)
M14	20-11	0500	12211	Mon	952 764 764 53 53 == 44873 85381 66876 ... 94381 98886 45807 == 764 764 53 53 00000	CW	(Subilo/AB)
M14	20-11	0520	10243	Mon	952 764 764 53 53 == 44873 85381 66876 ... 94381 98886 45807 == 764 764 53 53 00000	CW	(Subilo/AB)
M14	21-11	0500	12211	Tue	952 801 801 53 53 == 47196 18242 67462 ... 85203 27251 02441 == 801 801 53 53 00000	CW	(Subilo/AB)
M14	21-11	0520	10243	Tue	952 801 801 53 53 == 47196 18242 67462 ... 85203 27251 02441 == 801 801 53 53 00000	CW	(Subilo/AB)
M14	22-11	0500	12211	Wed	952 347 347 60 60 == 01857 21057 20819 ... 71606 68028 75235 == 347 347 60 60 00000	CW	(Subilo/AB)
M14	22-11	0520	10243	Wed	952 347 347 60 60 == 01857 21057 20819 ... 71606 68028 75235 == 347 347 60 60 00000	CW	(Subilo/AB)
M14	23-11	0500	12211	Thu	952 160 160 52 52 == 24869 84594 54987 ... 84073 20814 87093 == 160 160 52 52 00000	CW	(Subilo/AB)
M14	23-11	0520	10243	Thu	952 160 160 52 52 == 24869 84594 54987 ... 84073 20814 87093 == 160 160 52 52 00000	CW	(Subilo/AB)
M14	24-11	0500	12211	Fri	952 384 384 59 59 == 85164 36895 09152 ... 83208 26224 71071 == 384 384 59 59 00000	CW	(Subilo/AB)
M14	24-11	0520	10243	Fri	952 (R4) 3 off	CW	(Subilo/AB)
M14	25-11	1245	11073	Sat	352 146 39 == 76474 01043 56823 ... 79016 81875 78835 == 146 39 00000	FSK-CW	(Sse)
M14	27-11	0500	12211	Mon	952 716 716 53 53 == 44308 62490 95635 ... 95994 04200 84983 == 716 716 53 53 00000	CW	(Subilo/AB)
M14	27-11	0520	10243	Mon	952 716 716 53 53 == 44308 62490 95635 ... 95994 04200 84983 == 716 716 53 53 00000	CW	(Subilo/AB)
M14	28-11	0500	12211	Tue	952 438 438 56 56 == 72823 23359 74259 ... 06865 81021 95200 == 43S 438 56 56 00000	CW	(Subilo/AB)
M14	28-11	0520	10243	Tue	952 438 438 56 56 == 72823 23359 74259 ... 06865 81021 95200 == 43S 438 56 56 00000	CW	(Subilo/AB)
M14	29-11	0500	12211	Wed	952 760 760 56 56 == 50805 05932 16125 ... 18805 84012 10430 == 760 760 56 56 0000	CW	(Subilo/AB)
M14	29-11	0520	10243	Wed	952 760 760 56 56 == 50805 05932 16125 ... 18805 84012 10430 == 760 760 56 56 0000	CW	(Subilo/AB)
M14	30-11	0500	12211	Thu	952 134 134 58 58 == 46926 47222 90753 ... 33132 16437 88653 == 134 134 58 58 00000	CW	(Subilo/AB)
M14	30-11	0520	10243	Thu	952 (R4) 1m30s silence. Restart. 952 134 134 58 58 == 46926 47222 90753 ... 33132 16437 88653 == 134 134 58 58 00000	CW	(Subilo/AB)
M21	19-11	1747	4865.5	Sun	=992048??8????? =992049??8????? =992050??8?????	CW	(SOB)
M21	21-11	1425	4171	Tue	=991723??8????? =14704297628322 etc	CW	(Tel)
M21	21-11	1500	4171	Tue	=991800??8????? =991801??8????? =991802??8?????	CW	(AB-FIN)
M22	11-11	1518	6607	Sat	i.p. NR 08 LM V SM4I 030111 IM2Q GR 04 == SQSQS TRZMZ RVSSW ... NR 08 LM V SM4I 030111 IM2Q GR 04 = = AR AR VVV DE 4XT 4XZ ==	CW	(AB)

M23	1-11	1855	5345	Wed	Marker	CW	(AB)
M23	5-11	0655	5345	Sun	Marker	CW	(AB)
M23	7-11	0455	5345	Tue	Marker	CW	(AB)
M23	8-11	0454	5345	Wed	Marker	CW	(AB)
M23	10-11	0654	5345	Fri	Marker	CW	(AB)
M23	12-11	0655	5345	Sun	Marker	CW	(AB)
M23	13-11	0654	5345	Mon	Marker	CW	(AB)
M23	14-11	0654	5345	Tue	Marker	CW	(AB)
M23	14-11	2154	5345	Tue	Marker	CW	(AB)
M23	15-11	0154	5345	Wed	Marker	CW	(AB)
M23	16-11	0655	5345	Thu	Marker	CW	(AB)
M23	16-11	1508	5345	Thu	OTE (R)	CW	(sse)
M23	16-11	1654	5345	Thu	OSS OSS OSS (R 60min)	CW	(AB)
M23	16-11	1754	5345	Thu	Marker	CW	(AB)
M23	17-11	0554	5345	Fri	T0E T0E T0E (R 2hrs)	CW	(AB)
M23	17-11	0554	5345	Fri	Marker	CW	(AB)
M23	17-11	0554	5345	Fri	Marker	CW	(AB)
M23	17-11	0754	5345	Fri	Marker	CW	(AB)
M23	17-11	0924	5345	Fri	Marker	CW	(AB)
M23	17-11	0926	5345	Fri	Marker	CW	(AB)
M23	17-11	0928	5345	Fri	Marker	CW	(AB)
M23	17-11	0945	5345	Fri	035 035 035 (R 24min)	CW	(AB)
M23	17-11	1055	5345	Fri	111 111 111 (R 10min)	CW	(AB)
M23	17-11	1222	5345	Fri	TUO TUO TUO (R 4min)	CW	(AB)
M23	17-11	1248	5345	Fri	TUO TUO TUO (R 20min)	CW	(AB)
M23	17-11	1355	5345	Fri	TUO TUO TUO (R 4min)	CW	(AB)
M23	17-11	1400	5345	Fri	Marker	CW	(AB)
M23	19-11	1704	14930	Sun	TUO (R)	CW	(Dan2)
M23	21-11	0835	26240	Tue	i.p. RTS (R)	CW	(CK)
M23	21-11	1200	26240	Tue	XKO (R 30min)	CW	(AB)
M23	21-11	1300	26240	Tue	XKO (R 30min)	CW	(AB)
M23	21-11	1520	10755	Tue	XKO (R30m)	CW	(linkz)
M23	21-11	1846	14930	Tue	RTS (R)	CW	(HFD)
M23	22-11	0830	26240	Wed	RTS (R 1hr)	CW	(AB)
M23	22-11	1200	26240	Wed	XKO (R 30min)	CW	(AB)
M23	22-11	1300	26240	Wed	XKO (R 30min)	CW	(AB)
M23	22-11	1520	10755	Wed	XKO (R30m)	CW	(sse)
M23	22-11	1800	14930	Wed	RTS (R 1hr)	CW	(AB)
M32	9-11	0725	14410	Thu	RDL RDL RDL 94768 30646 94768 30646 94768 30646 K	FSK-CW	(AB)
M32	15-11	1024	14410	Wed	RDL RDL RDL 97837 58730 97837 58730 97837 58730 K	FSK-CW	(AB)
M32	15-11	1027	14410	Wed	RDL RDL RDL 47802 65053 47802 65053 47802 65053 K	FSK-CW	(AB)
M42	1-11	0735	16278	Wed	Russian intel.	MFSK+OFDM-1024 (48kHz wide)	(AB)
M42	1-11	0823	11072	Wed	Russian diplo	Serdolik v2	(AB)
M42	1-11	0840	11072	Wed	Russian diplo. Selcal	Serdolik v2	(AB)
M42	2-11	0754	16278	Thu	Russian intel.	MFSK+OFDM-1024 (48kHz wide)	(AB)
M42	2-11	0815	16278	Thu	Russian intel.	MFSK+OFDM-1024 (48kHz wide)	(AB)
M42	2-11	0827	16278	Thu	Russian intel.	MFSK+OFDM-1024 (48kHz wide)	(AB)

M42	2-11	0836	16278	Thu	Russian intel.	MFSK+OFDM-1024 (48kHz wide)	(AB)
M42	2-11	0836	17517	Thu	Russian diplo	MFSK-66	(RO)
M42	2-11	0910	16278	Thu	Russian intel.	MFSK+OFDM-1024 (48kHz wide)	(AB)
M42	2-11	0930	17450	Thu	Russian diplo	MFSK-66	(RO)
M42	2-11	0946	17450	Thu	Russian diplo	MFSK-66	(RO)
M42	2-11	0950	17450	Thu	Russian diplo	MFSK-66	(RO)
M42	2-11	1000	18196	Thu	Russian diplo	MFSK-66	(AB/RO/Moon)
M42	2-11	1017	14547	Thu	Russian diplo	MFSK-66	(AB)
M42	2-11	1026	18196	Thu	Russian diplo	MFSK-66	(AB/RO)
M42	2-11	1030	18196	Thu	Russian diplo	MFSK-66	(AB/sse)
M42	7-11	0913	13399	Tue	Russian diplo	MFSK-66	(AB)
M42	7-11	0936	12523	Tue	Russian intel.	MFSK+OFDM-128 (6kHz wide)	(AB)
M42	7-11	0936	13436	Tue	Russian diplo	MFSK-66	(RO)
M42	7-11	1005	12523	Tue	Russian intel.	MFSK+OFDM-128 (6kHz wide)	(AB)
M42	7-11	1225	12498	Tue	Russian intel.	MFSK+OFDM-128 (6kHz wide)	(AB)
M42	7-11	1345	16273	Tue	Russian intel.	MFSK+OFDM-256 (12kHz wide)	(AB)
M42	8-11	0947	18561	Wed	Russian diplo	MFSK-66	(AB)
M42	8-11	1304	14788	Wed	Russian intel.	MFSK+OFDM-256 (12kHz wide)	(AB)
M42	8-11	1336	14788	Wed	Russian intel.	MFSK+OFDM-64 (3kHz wide)	(AB)
M42	8-11	1345	16033	Wed	Russian diplo	MFSK-66	(AB)
M42	8-11	1410	12473	Wed	Russian intel.	MFSK+OFDM-1024 (48kHz wide)	(AB)
M42	8-11	1430	12473	Wed	Russian intel.	MFSK+OFDM-512 (24kHz wide)	(AB)
M42	8-11	1450	12473	Wed	Russian intel.	MFSK+OFDM-256 (12kHz wide)	(AB)
M42	8-11	1513	12473	Wed	Russian intel.	MFSK+OFDM-128 (6kHz wide)	(AB)
M42	8-11	1527	12473	Wed	Russian intel.	MFSK+OFDM-128 (6kHz wide)	(AB)
M42	9-11	1340	16498	Thu	Russian intel.	MFSK+OFDM-1024 (48kHz wide)	(AB)
M42	9-11	1420	16498	Thu	Russian intel.	MFSK+OFDM-256 (12kHz wide)	(AB)
M42	10-11	1145	12176	Fri	Russian intel.	MFSK+OFDM-64 (3kHz wide)	(AB)
M42	10-11	1210	14319	Fri	Russian intel.	MFSK+OFDM-64 (3kHz wide)	(AB)
M42	13-11	0806	17466	Mon	Russian diplo	Serdolik v2	(RO)
M42	13-11	0806	17468	Mon	Russian diplo	Serdolik v2	(RO)
M42	13-11	0815	17466	Mon	Russian diplo	Serdolik v2	(RO)
M42	13-11	0924	14686	Mon	Russian diplo	Serdolik v2	(RO)
M42	15-11	1058	14655	Wed	Russian diplo	Serdolik v2	(Moon)
M42	15-11	1130	14650	Wed	Russian diplo	Serdolik v2	(AB)
M42	15-11	1200	15690	Wed	Russian diplo	Serdolik v2	(AB)
M42	15-11	1221	15694	Wed	Russian diplo	Serdolik v2	(AB)
M42	15-11	1223	15696	Wed	Russian diplo	Serdolik v2	(AB)
M42	15-11	1537	15719	Wed	Russian diplo	Serdolik v2	(AB)
M42	17-11	1508	9444	Fri	Russian intel.	MFSK+OFDM-64 (3kHz wide)	(AB)
M42	22-11	0853	11562	Wed	Russian diplo	Serdolik v2	(RO)
M42	22-11	0903	11562	Wed	Russian diplo	Serdolik v2	(RO)
M42	22-11	0906	11562	Wed	Russian diplo	Serdolik v2	(RO)
M42	22-11	0907	11562	Wed	Russian diplo	Serdolik v2	(RO)
M42	23-11	0816	13512	Thu	Russian diplo	Serdolik v2	(RO)
M42	23-11	0824	13421	Thu	Russian diplo	Serdolik v2	(RO)
M51	22-11	0757	6825	Wed	i.p. 5-character groups	CW	(Tel)

M51b	5-11	1536	6825	Sun	FAV22: French Morse Training. Mixed punct, LGs, FGs	CW	(MPJ)
M89	14-11	1220	4860	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840 kHz	CW	(JPL)
M89	14-11	1220	6840	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860 kHz	CW	(JPL)
M89	14-11	1230	4720	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150 kHz	CW	(JPL)
M89	14-11	1230	5150	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720 kHz	CW	(JPL)
M89	30-11	1819	7517	Thu	XP5B DE S2DJ	CW	(F5OIH)
M89	30-11	1824	6840	Thu	Q2M de NYZ VVV	CW	(F5OIH)
MX	7-11	1800	5303	Tue	Beacon V	CW	(AB)
MX	29-11	1125	16332	Wed	Beacon C, Moscow	CW	(MPJ)
MX	29-11	1126	16331.9	Wed	Beacon S, Severomorsk	CW	(MPJ)
MX	30-11	1832	5156.8	Thu	Beacon L, St Petersburg	CW	(F5OIH)
P03	2-11	0430	6252	Thu	Polish Intel.	PSK	(AB)
P03	2-11	0435	6252	Thu	Polish Intel.	PSK	(AB)
P03	4-11	1245	7391	Sat	Polish intel.	PSK	(AB)
P03	4-11	1250	7391	Sat	Polish intel.	PSK	(AB)
P03	4-11	1310	6524	Sat	Polish intel.	PSK	(AB)
P03	4-11	1315	6524	Sat	Polish intel.	PSK	(AB)
P03	5-11	0530	5844	Sun	Polish intel.	PSK	(AB)
P03	5-11	0535	5844	Sun	Polish intel.	PSK	(AB)
P03	5-11	1100	6977	Sun	Polish intel.	PSK	(AB)
P03	5-11	1105	6977	Sun	Polish intel.	PSK	(AB)
P03	5-11	1515	18265	Sun	Polish intel.	PSK	(AB)
P03	5-11	1520	18265	Sun	Polish intel.	PSK	(AB)
P03	6-11	1030	14410	Mon	Polish intel.	PSK	(AB-POL)
P03	6-11	1035	14410	Mon	Polish intel.	PSK	(AB-POL)
P03	7-11	0430	6252	Tue	Polish Intel.	PSK	(AB)
P03	7-11	0435	6252	Tue	Polish Intel.	PSK	(AB)
P03	7-11	0615	6797	Tue	Polish intel.	PSK	(AB)
P03	7-11	0620	6797	Tue	Polish intel.	PSK	(AB)
P03	7-11	0635	25195	Tue	Polish intel.	PSK	(AB-POL)
P03	7-11	0640	25195	Tue	Polish intel.	PSK	(AB-POL)
P03	7-11	0720	14410	Tue	Polish intel.	PSK	(AB)
P03	7-11	0725	14410	Tue	Polish intel.	PSK	(AB)
P03	7-11	1100	12202	Tue	Polish intel.	PSK	(AB)
P03	7-11	1105	12202	Tue	Polish intel.	PSK	(AB)
P03	7-11	1725	10728	Tue	Polish intel.	PSK	(AB/MPJ)
P03	7-11	1730	10728	Tue	Polish intel.	PSK	(AB/MPJ)
P03	8-11	1030	14410	Wed	Polish intel.	PSK	(AB)
P03	8-11	1035	14410	Wed	Polish intel.	PSK	(AB)
P03	8-11	1100	12202	Wed	Polish intel.	PSK	(AB)
P03	8-11	1105	12202	Wed	Polish intel.	PSK	(AB)
P03	8-11	1310	6524	Wed	Polish intel.	PSK	(AB/MPJ)
P03	8-11	1315	6524	Wed	Polish intel.	PSK	(AB/MPJ)
P03	9-11	0430	6252	Thu	Polish Intel.	PSK	(AB)
P03	9-11	0435	6252	Thu	Polish Intel.	PSK	(AB)
P03	9-11	0615	6797	Thu	Polish intel.	PSK	(AB)
P03	9-11	0620	6797	Thu	Polish intel.	PSK	(AB)

P03	9-11	0635	25195	Thu	Polish intel.	PSK	(AB-POL)
P03	9-11	0640	25195	Thu	Polish intel.	PSK	(AB-POL)
P03	10-11	1100	6977	Fri	Polish intel.	PSK	(AB)
P03	10-11	1105	6977	Fri	Polish intel.	PSK	(AB)
P03	11-11	1200	5823	Sat	Polish intel.	PSK	(AB)
P03	11-11	1205	5823	Sat	Polish intel.	PSK	(AB)
P03	11-11	1245	7391	Sat	Polish intel.	PSK	(AB)
P03	11-11	1250	7391	Sat	Polish intel.	PSK	(AB)
P03	11-11	1310	6524	Sat	Polish intel.	PSK	(AB)
P03	11-11	1315	6524	Sat	Polish intel.	PSK	(AB)
P03	12-11	0530	5844	Sun	Polish intel.	PSK	(AB)
P03	12-11	0535	5844	Sun	Polish intel.	PSK	(AB)
P03	12-11	1100	6977	Sun	Polish intel.	PSK	(AB)
P03	12-11	1105	6977	Sun	Polish intel.	PSK	(AB)
P03	12-11	1515	18265	Sun	Polish intel.	PSK	(AB)
P03	12-11	1520	18265	Sun	Polish intel.	PSK	(AB)
P03	13-11	1030	14410	Mon	Polish intel.	PSK	(AB-POL)
P03	13-11	1035	14410	Mon	Polish intel.	PSK	(AB-POL)
P03	13-11	1220	21906	Mon	Polish intel.	PSK	(AB)
P03	13-11	1225	21906	Mon	Polish intel.	PSK	(AB)
P03	14-11	0430	6252	Tue	Polish Intel.	PSK	(AB)
P03	14-11	0435	6252	Tue	Polish Intel.	PSK	(AB)
P03	14-11	0615	6797	Tue	Polish intel.	PSK	(AB)
P03	14-11	0620	6797	Tue	Polish intel.	PSK	(AB)
P03	14-11	0635	25195	Tue	Polish intel.	PSK	(AB-POL)
P03	14-11	0640	25195	Tue	Polish intel.	PSK	(AB-POL)
P03	14-11	0720	14410	Tue	Polish intel.	PSK	(AB)
P03	14-11	0725	14410	Tue	Polish intel.	PSK	(AB)
P03	14-11	0810	17120	Tue	Polish intel.	PSK	(AB)
P03	14-11	0815	17120	Tue	Polish intel.	PSK	(AB)
P03	14-11	1100	12202	Tue	Polish intel.	PSK	(AB)
P03	14-11	1105	12202	Tue	Polish intel.	PSK	(AB)
P03	14-11	1725	10728	Tue	Polish intel.	PSK	(AB)
P03	14-11	1730	10728	Tue	Polish intel.	PSK	(AB)
P03	15-11	1030	14410	Wed	Polish intel.	PSK	(AB)
P03	15-11	1035	14410	Wed	Polish intel.	PSK	(AB)
P03	15-11	1310	6524	Wed	Polish intel.	PSK	(AB)
P03	15-11	1315	6524	Wed	Polish intel.	PSK	(AB)
P03	16-11	0430	6252	Thu	Polish Intel.	PSK	(AB)
P03	16-11	0435	6252	Thu	Polish Intel.	PSK	(AB)
P03	16-11	0615	6797	Thu	Polish intel.	PSK	(AB)
P03	16-11	0620	6797	Thu	Polish intel.	PSK	(AB)
P03	16-11	0635	25195	Thu	Polish intel.	PSK	(AB-POL)
P03	16-11	0640	25195	Thu	Polish intel.	PSK	(AB-POL)
P03	16-11	0720	14410	Thu	Polish intel.	PSK	(AB)
P03	16-11	0725	14410	Thu	Polish intel.	PSK	(AB)
P03	17-11	0850	17120	Fri	Polish intel.	PSK	(AB)

P03	17-11	0855	17120	Fri	Polish intel.	PSK	(AB)
P03	17-11	1100	6977	Fri	Polish intel.	PSK	(AB)
P03	17-11	1105	6977	Fri	Polish intel.	PSK	(AB)
P03	17-11	1500	9446	Fri	Polish intel.	PSK	(AB)
P03	17-11	1505	9446	Fri	Polish intel.	PSK	(AB)
P03	17-11	1515	18265	Fri	Polish intel.	PSK	(AB)
P03	17-11	1520	18265	Fri	Polish intel.	PSK	(AB)
P03	18-11	1200	5823	Sat	Polish intel.	PSK	(AB)
P03	18-11	1205	5823	Sat	Polish intel.	PSK	(AB)
P03	18-11	1245	7391	Sat	Polish intel.	PSK	(AB)
P03	18-11	1250	7391	Sat	Polish intel.	PSK	(AB)
P03	18-11	1310	6524	Sat	Polish intel.	PSK	(AB)
P03	18-11	1315	6524	Sat	Polish intel.	PSK	(AB)
P03	19-11	0530	5844	Sun	Polish intel.	PSK	(AB)
P03	19-11	0535	5844	Sun	Polish intel.	PSK	(AB)
P03	19-11	1100	6977	Sun	Polish intel.	PSK	(AB)
P03	19-11	1105	6977	Sun	Polish intel.	PSK	(AB)
P03	19-11	1200	5823	Sun	Polish intel.	PSK	(AB/MPJ)
P03	19-11	1205	5823	Sun	Polish intel.	PSK	(AB/MPJ)
P03	19-11	1220	21906	Sun	Polish intel.	PSK	(AB/MPJ)
P03	19-11	1225	21906	Sun	Polish intel.	PSK	(AB/MPJ)
P03	19-11	1245	7391	Sun	Polish intel.	PSK	(AB/MPJ)
P03	19-11	1250	7391	Sun	Polish intel.	PSK	(AB/MPJ)
P03	19-11	1515	18265	Sun	Polish intel.	PSK	(AB)
P03	19-11	1520	18265	Sun	Polish intel.	PSK	(AB)
P03	19-11	1725	10728	Sun	Polish intel.	PSK	(MPJ)
P03	19-11	1730	10728	Sun	Polish intel.	PSK	(MPJ)
P03	20-11	1030	14410	Mon	Polish intel.	PSK	(AB)
P03	20-11	1035	14410	Mon	Polish intel.	PSK	(AB)
P03	20-11	1220	21906	Mon	Polish intel.	PSK	(AB)
P03	20-11	1225	21906	Mon	Polish intel.	PSK	(AB)
P03	21-11	0430	6252	Tue	Polish Intel.	PSK	(AB)
P03	21-11	0435	6252	Tue	Polish Intel.	PSK	(AB)
P03	21-11	0615	6797	Tue	Polish intel.	PSK	(AB)
P03	21-11	0620	6797	Tue	Polish intel.	PSK	(AB)
P03	21-11	0720	14410	Tue	Polish intel.	PSK	(AB)
P03	21-11	0725	14410	Tue	Polish intel.	PSK	(AB)
P03	21-11	0810	17120	Tue	Polish intel.	PSK	(AB)
P03	21-11	0815	17120	Tue	Polish intel.	PSK	(AB)
P03	21-11	1100	12202	Tue	Polish intel.	PSK	(AB)
P03	21-11	1105	12202	Tue	Polish intel.	PSK	(AB)
P03	21-11	1500	9446	Tue	Polish intel.	PSK	(AB)
P03	21-11	1505	9446	Tue	Polish intel.	PSK	(AB)
P03	21-11	1725	10728	Tue	Polish intel.	PSK	(AB)
P03	21-11	1730	10728	Tue	Polish intel.	PSK	(AB)
P03	22-11	1030	14410	Wed	Polish intel.	PSK	(AB)
P03	22-11	1035	14410	Wed	Polish intel.	PSK	(AB)

P03	22-11	1100	12202	Wed	Polish intel.	PSK	(AB)
P03	22-11	1105	12202	Wed	Polish intel.	PSK	(AB)
P03	22-11	1310	6524	Wed	Polish intel.	PSK	(AB)
P03	22-11	1315	6524	Wed	Polish intel.	PSK	(AB)
P03	23-11	0430	6252	Thu	Polish Intel.	PSK	(AB)
P03	23-11	0435	6252	Thu	Polish Intel.	PSK	(AB)
P03	23-11	0615	6797	Thu	Polish intel.	PSK	(AB)
P03	23-11	0620	6797	Thu	Polish intel.	PSK	(AB)
P03	23-11	0635	25195	Thu	Polish intel.	PSK	(AB-POL)
P03	23-11	0640	25195	Thu	Polish intel.	PSK	(AB-POL)
P03	23-11	0720	14410	Thu	Polish intel.	PSK	(AB)
P03	23-11	0725	14410	Thu	Polish intel.	PSK	(AB)
P03	24-11	0850	17120	Fri	Polish intel.	PSK	(AB)
P03	24-11	0855	17120	Fri	Polish intel.	PSK	(AB)
P03	24-11	1100	6977	Fri	Polish intel.	PSK	(AB)
P03	24-11	1105	6977	Fri	Polish intel.	PSK	(AB)
P03	24-11	1500	9446	Fri	Polish intel.	PSK	(AB)
P03	24-11	1505	9446	Fri	Polish intel.	PSK	(AB)
P03	24-11	1515	18265	Fri	Polish intel.	PSK	(AB)
P03	24-11	1520	18265	Fri	Polish intel.	PSK	(AB)
P03	25-11	1200	5823	Sat	Polish intel.	PSK	(AB)
P03	25-11	1205	5823	Sat	Polish intel.	PSK	(AB)
P03	25-11	1245	7391	Sat	Polish intel.	PSK	(AB)
P03	25-11	1250	7391	Sat	Polish intel.	PSK	(AB)
P03	25-11	1310	6524	Sat	Polish intel.	PSK	(AB)
P03	25-11	1315	6524	Sat	Polish intel.	PSK	(AB)
P03	26-11	0530	5844	Sun	Polish intel.	PSK	(AB)
P03	26-11	0535	5844	Sun	Polish intel.	PSK	(AB)
P03	26-11	1100	6977	Sun	Polish intel.	PSK	(AB)
P03	26-11	1105	6977	Sun	Polish intel.	PSK	(AB)
P03	26-11	1200	5823	Sun	Polish intel.	PSK	(AB/MPJ)
P03	26-11	1205	5823	Sun	Polish intel.	PSK	(AB/MPJ)
P03	26-11	1220	21906	Sun	Polish intel.	PSK	(AB/MPJ)
P03	26-11	1225	21906	Sun	Polish intel.	PSK	(AB/MPJ)
P03	26-11	1245	7391	Sun	Polish intel.	PSK	(AB/MPJ)
P03	26-11	1250	7391	Sun	Polish intel.	PSK	(AB/MPJ)
P03	26-11	1515	18265	Sun	Polish intel.	PSK	(AB/MPJ)
P03	26-11	1520	18265	Sun	Polish intel.	PSK	(AB/MPJ)
P03	26-11	1725	10728	Sun	Polish intel.	PSK	(AB/MPJ)
P03	26-11	1730	10728	Sun	Polish intel.	PSK	(AB/MPJ)
P03	26-11	1950	10728	Sun	Polish intel.	PSK	(AB)
P03	26-11	1955	10728	Sun	Polish intel.	PSK	(AB)
P03	27-11	1030	14410	Mon	Polish intel.	PSK	(AB)
P03	27-11	1035	14410	Mon	Polish intel.	PSK	(AB)
P03	27-11	1220	21906	Mon	Polish intel.	PSK	(AB-POL)
P03	27-11	1225	21906	Mon	Polish intel.	PSK	(AB-POL)
P03	28-11	0430	6252	Tue	Polish Intel.	PSK	(AB)

P03	28-11	0435	6252	Tue	Polish Intel.		PSK	(AB)
P03	28-11	0615	6797	Tue	Polish intel.		PSK	(AB)
P03	28-11	0620	6797	Tue	Polish intel.		PSK	(AB)
P03	28-11	0635	25195	Tue	Polish intel.		PSK	(AB-POL)
P03	28-11	0640	25195	Tue	Polish intel.		PSK	(AB-POL)
P03	28-11	0720	14410	Tue	Polish intel.		PSK	(AB)
P03	28-11	0725	14410	Tue	Polish intel.		PSK	(AB)
P03	28-11	0810	17120	Tue	Polish intel.		PSK	(AB)
P03	28-11	0815	17120	Tue	Polish intel.		PSK	(AB)
P03	28-11	1100	12202	Tue	Polish intel.		PSK	(AB)
P03	28-11	1105	12202	Tue	Polish intel.		PSK	(AB)
P03	28-11	1500	9446	Tue	Polish intel.		PSK	(AB)
P03	28-11	1505	9446	Tue	Polish intel.		PSK	(AB)
P03	28-11	1725	10728	Tue	Polish intel.		PSK	(AB)
P03	28-11	1730	10728	Tue	Polish intel.		PSK	(AB)
P03	29-11	1030	14410	Wed	Polish intel.		PSK	(AB)
P03	29-11	1035	14410	Wed	Polish intel.		PSK	(AB)
P03	29-11	1100	12202	Wed	Polish intel.		PSK	(AB/MPJ)
P03	29-11	1105	12202	Wed	Polish intel.		PSK	(AB/MPJ)
P03	29-11	1310	6524	Wed	Polish intel.		PSK	(AB/MPJ)
P03	29-11	1315	6524	Wed	Polish intel.		PSK	(AB/MPJ)
P03	30-11	0430	6252	Thu	Polish Intel.		PSK	(AB)
P03	30-11	0435	6252	Thu	Polish Intel.		PSK	(AB)
P03	30-11	0615	6797	Thu	Polish intel.		PSK	(AB)
P03	30-11	0620	6797	Thu	Polish intel.		PSK	(AB)
P03	30-11	0635	25195	Thu	Polish intel.		PSK	(AB-POL)
P03	30-11	0640	25195	Thu	Polish intel.		PSK	(AB-POL)
P03	30-11	0720	14410	Thu	Polish intel.		PSK	(AB)
P03	30-11	0725	14410	Thu	Polish intel.		PSK	(AB)
P03g	1-11	1315	13046	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	1-11	1320	13046	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	3-11	1315	13046	Fri	Polish intel.		BPSK 50Bd/464bp	(AB/MPJ)
P03g	3-11	1320	13046	Fri	Polish intel.		BPSK 50Bd/464bp	(AB/MPJ)
P03g	8-11	1315	13046	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	8-11	1320	13046	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	10-11	1315	13046	Fri	Polish intel.		BPSK 50Bd/464bp	(AB/MPJ)
P03g	10-11	1320	13046	Fri	Polish intel.		BPSK 50Bd/464bp	(AB/MPJ)
P03g	15-11	1315	13046	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	15-11	1320	13046	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	17-11	1315	13046	Fri	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	17-11	1320	13046	Fri	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	22-11	1315	13046	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	22-11	1320	13046	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	24-11	1315	13046	Fri	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	24-11	1320	13046	Fri	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	29-11	1315	13046	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)
P03g	29-11	1320	13046	Wed	Polish intel.		BPSK 50Bd/464bp	(AB)

P03i	1-11	0800	14656	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	1-11	0805	14656	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	2-11	0725	9052	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	2-11	0730	9052	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	2-11	1800	6480	Thu	Polish intel.	BPSK 100Bd/512bp	(AB/MPJ)
P03i	2-11	1805	6480	Thu	Polish intel.	BPSK 100Bd/512bp	(AB/MPJ)
P03i	7-11	0725	9052	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	7-11	0730	9052	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	7-11	0800	14656	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	7-11	0805	14656	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	7-11	1800	6480	Tue	Polish intel.	BPSK 100Bd/512bp	(AB/MPJ)
P03i	7-11	1805	6480	Tue	Polish intel.	BPSK 100Bd/512bp	(AB/MPJ)
P03i	8-11	0800	14656	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	8-11	0805	14656	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	9-11	1800	6480	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	9-11	1805	6480	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	14-11	0725	9052	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	14-11	0730	9052	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	14-11	0800	14656	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	14-11	0805	14656	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	14-11	1800	6480	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	14-11	1805	6480	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	15-11	0800	14656	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	15-11	0805	14656	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	16-11	1800	6480	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	16-11	1805	6480	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	21-11	0725	9052	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	21-11	0730	9052	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	21-11	0800	14656	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	21-11	0805	14656	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	21-11	1800	6480	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	21-11	1805	6480	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	22-11	0800	14656	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	22-11	0805	14656	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	23-11	0725	9052	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	23-11	0730	9052	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	23-11	1800	6480	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	23-11	1805	6480	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	28-11	0725	9052	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	28-11	0730	9052	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	28-11	0800	14656	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	28-11	0805	14656	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	28-11	1800	6480	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	28-11	1805	6480	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	29-11	0800	14656	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	29-11	0805	14656	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	30-11	0725	9052	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)

P03i	30-11	0730	9052	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	30-11	1800	6480	Thu	Polish intel.	BPSK 100Bd/512bp	(AB/MPJ)
P03i	30-11	1805	6480	Thu	Polish intel.	BPSK 100Bd/512bp	(AB/MPJ)
P03j	2-11	1830	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	2-11	1835	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6-11	1830	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6-11	1835	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	9-11	1830	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	9-11	1835	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	13-11	1830	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	13-11	1835	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16-11	1830	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16-11	1835	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	20-11	1830	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	20-11	1835	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	23-11	1830	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	23-11	1835	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	30-11	1830	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	30-11	1835	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03k	4-11	1230	18030	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-11	1235	18030	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-11	1800	8180	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-11	1805	8180	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-11	1230	18030	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-11	1235	18030	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-11	1800	8180	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-11	1805	8180	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	11-11	0630	6480	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-11	0635	6480	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-11	1230	18030	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-11	1235	18030	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-11	1800	8180	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-11	1805	8180	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-11	1230	18030	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-11	1235	18030	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-11	1800	8180	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-11	1805	8180	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-11	0630	6480	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-11	0635	6480	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-11	1230	18030	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-11	1235	18030	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-11	1800	8180	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-11	1805	8180	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-11	0630	6480	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-11	0635	6480	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-11	1230	18030	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-11	1235	18030	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	22-11	1800	8180	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-11	1805	8180	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-11	0630	6480	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-11	0635	6480	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-11	1230	18030	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-11	1235	18030	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-11	1800	8180	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-11	1805	8180	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-11	0630	6480	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-11	0635	6480	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-11	1230	18030	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-11	1235	18030	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-11	1800	8180	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	29-11	1805	8180	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03I	8-11	1345	8102	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8-11	1350	8102	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9-11	1200	7727	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9-11	1205	7727	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	10-11	1345	8102	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	10-11	1350	8102	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	13-11	1200	7727	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	13-11	1205	7727	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	15-11	1345	8102	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	15-11	1350	8102	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	16-11	1200	7727	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	16-11	1205	7727	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	17-11	1345	8102	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	17-11	1350	8102	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	20-11	1200	7727	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	20-11	1205	7727	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	22-11	1345	8102	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	22-11	1350	8102	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	23-11	1200	7727	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	23-11	1205	7727	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	24-11	1345	8102	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	24-11	1350	8102	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	27-11	1200	7727	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	27-11	1205	7727	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	29-11	1345	8102	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	29-11	1350	8102	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	30-11	1200	7727	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	30-11	1205	7727	Thu	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P07	1-11	1500	8136	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	1-11	1510	8074	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	1-11	1520	7504	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	1-11	1530	6821	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	1-11	1540	5848	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)

P07	29-11	1540	5848	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(MPJ)
P07	29-11	1550	5112	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(MPJ)
Q26	14-11	0558	18381	Tue	4-figure groups message	4 QPSK 75/3000 LSB	(EW)
S06	1-11	0400	11616	Wed	480-159/62=08083	USB	(HFD-RUS)
S06	1-11	0400	11616	Wed	480 159 62 08083 87521 87173 ...	USB	(Lac)
S06	1-11	0400	11616	Wed	480 159 62 08083 87521 87173 ... 07088 60351 62878 159 62 00000	USB	(Subilo)
S06	1-11	0420	9322	Wed	480	USB	(HFD)
S06	1-11	0420	9322	Wed	480 159 62 08083 87521 87173 ...	USB	(Lac)
S06	1-11	0420	9322	Wed	480 159 62 08083 87521 87173 ... 07088 60351 62878 159 62 00000	USB	(Subilo)
S06	1-11	1500	13397	Wed	387-469/2=11111 00061 387-215/40=92635	USB	(HFD)
S06	1-11	1600	9194	Wed	387	USB	(HFD)
S06	2-11	0400	11616	Thu	480 273 55 35168 46497 98981 ... 25174 97208 76948 273 55 00000	USB	(Subilo)
S06	2-11	0420	9322	Thu	480 273 55 35168 46497 98981 ... 25174 97208 76948 273 55 00000	USB	(Subilo)
S06	2-11	0700	11073	Thu	352 701 701 35 35 33078 65840 39913 ... 97127 37255 1640 Off	USB	(AB-KOR)
S06	2-11	0700	11073	Thu	352 701 35 33078 65840 39913 ... 77171 43797 60104 701 35 00000. Several restarts	USB	(sse)
S06	3-11	0400	11616	Fri	480 169 52 98778 90223 96281 ... 62117 01839 05248 169 52 00000	USB	(Subilo)
S06	3-11	0420	9322	Fri	480 169 52 98778 90223 96281 ... 62117 01839 05248 169 52 00000	USB	(Subilo)
S06	3-11	0820	11073	Fri	352 701 35 33078 65840 39913 ... 77171 43797 60104 701 35 00000	USB	(sse)
S06	3-11	2000	7812	Fri	637 637 637 00000	USB	(AB)
S06	3-11	2000	7812	Fri	637:0	USB	(HFD)
S06	3-11	2000	7812	Fri	637 637 637 00000	USB	(Lac)
S06	3-11	2100	5743	Fri	637 637 637 00000	USB	(AB)
S06	3-11	2100	5743	Fri	637:0	USB	(HFD)
S06	3-11	2100	5743	Fri	637 637 637 00000	USB	(Lac)
S06	7-11	0400	11616	Tue	480 253 61 84102 35787 66838 ... 90006 28046 71857 253 61 00000	USB	(Subilo)
S06	7-11	0420	9322	Tue	480 253 61 84102 35787 66838 ... 90006 28046 71857 253 61 00000	USB	(Subilo)
S06	8-11	0400	11616	Wed	480 378 50 08984 74006 89675 ... 91326 33195 41517 378 50 00000	USB	(Subilo)
S06	8-11	0420	9322	Wed	480 378 50 08984 74006 89675 ... 91326 33195 41517 378 50 00000	USB	(Subilo)
S06	9-11	0400	11616	Thu	480 125 63 99735 84923 30729 ... 89685 12008 06423 125 63 00000	USB	(Subilo)
S06	9-11	0420	9322	Thu	480 125 63 99735 84923 30729 ... 89685 12008 06423 125 63 00000	USB	(Subilo)
S06	9-11	0831	11073	Thu	i.p. 352 (R2m) 44600 74207 15492 30949 92409 40529 09940 49714 off, restart 352 (R1m) 70341 43771 63937 08004 60267 107 35 00000	USB	(sse)
S06	10-11	0400	11616	Fri	480 651 70 48031 70824 55293 ... 36729 79706 54870 651 70 00000	USB	(Subilo)
S06	10-11	0420	9322	Fri	480 651 70 48031 70824 55293 ... 36729 79706 54870 651 70 00000	USB	(Subilo)
S06	13-11	0400	11616	Mon	480 651 70 48031 70824 55293 ... 36729 79706 54870 651 70 00000	USB	(Subilo)
S06	13-11	0420	9322	Mon	480 651 70 48031 70824 55293 ... 36729 79706 54870 651 70 00000	USB	(Subilo)
S06	14-11	0400	11616	Tue	480 293 59 22202 04587 22278 ... 89738 15937 36611 293 59 00000	USB	(Subilo)
S06	14-11	0420	9322	Tue	480 293 59 22202 04587 22278 ... 89738 15937 36611 293 59 00000	USB	(Subilo)
S06	15-11	0400	11616	Wed	480 671 59 18422 63979 45142 ... 26234 47477 20169 671 59 00000	USB	(Subilo)
S06	15-11	0420	9322	Wed	480 671 59 18422 63979 45142 ... 26234 47477 20169 671 59 00000	USB	(Subilo)
S06	16-11	0400	11616	Thu	480 532 69 50022 14511 25402 ... 14892 15742 27075 532 69 00000	USB	(Subilo)
S06	16-11	0420	9322	Thu	480 532 69 50022 14511 25402 ... 14892 15742 27075 532 69 00000	USB	(Subilo)
S06	17-11	0400	11616	Fri	unstable call up with drop outs, station wen	USB	(Lac)
S06	17-11	0400	11616	Fri	480 971 58 09052 20440 74955 ... 59463 66390 69067 971 58 00000	USB	(Subilo)
S06	17-11	0420	9322	Fri	transmission stopped mid-message, restarted	USB	(Lac)
S06	17-11	0420	9322	Fri	480 971 58 09052 20440 74955 ... 59463 66390 69067 971 58 00000	USB	(Subilo)
S06	17-11	2000	7812	Fri	637 902 54 85661 85346 58277 ... 54537 10312 79360 902 54 00000	USB	(AB-CYP/PY)

S06	17-11	2100	5743	Fri	637 902 54 85661 85346 58277 ... 54537 10312 79360 902 54 00000	USB	(AB/PY)
S06	18-11	2000	7812	Sat	637 902 54 85661 85346 58277 ... 54537 10312 79360 902 54 00000	USB	(AB-CYP/PY)
S06	18-11	2100	5743	Sat	637 902 54 85661 85346 58277 ... 54537 10312 79360 902 54 00000	USB	(AB/PY)
S06	21-11	0400	11616	Tue	480 931 57 06879 22435 53930 ... 65949 12501 53268 931 57 00000	USB	(Subilo)
S06	21-11	0420	9322	Tue	480 931 57 06879 22435 53930 ... 65949 12501 53268 931 57 00000	USB	(Subilo)
S06	22-11	0400	11616	Wed	480 756 53 11778 15014 85996 ... 90884 44719 08068 756 53 00000	USB	(Subilo)
S06	22-11	0420	9322	Wed	480 756 53 11778 15014 85996 ... 90884 44719 08068 756 53 00000	USB	(Subilo)
S06	29-11	0400	11616	Wed	480 563 70 75312 13012 34048 ... 70452 46044 77151 563 70 00000	USB	(Subilo)
S06	29-11	0420	9322	Wed	480 563 70 75312 13012 34048 ... 70452 46044 77151 563 70 00000	USB	(Subilo)
S06c	22-11	0604	13963	Wed	800Hz test tones followed by 11214 (R7m) at 0605s	USB	(PY)
S06c	22-11	0620	13963	Wed	11214 (R4m)	USB	(Subilo)
S06c	22-11	0625	10363	Wed	800Hz test tones followed by 11214 (R4m) at 0630z	USB	(Subilo)
S06e	1-11	1500	13397	Wed	387 469 2 11111 00061 469 2 387 215 40 92635 89241 96251 ... 12018 28499 65528 215 40 00000	USB	(AB/OH8EFI)
S06e	1-11	1600	9194	Wed	387 469 2 11111 00061 469 2 387 215 40 92635 89241 96251 ... 12018 28499 65528 215 40 00000	USB	(AB/OH8EFI)
S11a	1-11	0510	21906	Wed	656/00 x9057	USB	(HFD)
S11a	1-11	0510	21906	Wed	656/00	USB	(Lac)
S11a	1-11	0725	23486	Wed	389/00 x12530	USB	(HFD)
S11a	1-11	0725	23486	Wed	389/00	USB	(Lac)
S11a	1-11	1850	11486	Wed	281/00 Konets	USB	(AB)
S11a	1-11	1850	11486	Wed	281/00	USB	(HFD)
S11a	2-11	0445	11559	Thu	794/00	USB	(HFD)
S11a	2-11	0445	11559	Thu	794/00 Konets	USB	(TM)
S11a	2-11	0700	9050	Thu	478/00	USB	(HFD)
S11a	3-11	0915	6252	Fri	481/00 Konets	USB	(AB)
S11a	3-11	0915	6252	Fri	481/00	USB	(HFD)
S11a	3-11	1400	10448	Fri	421/00 x6252	USB	(HFD)
S11a	4-11	0830	5371	Sat	377/00 Konets	USB	(AB)
S11a	4-11	0830	5371	Sat	377/00	USB	(HFD)
S11a	4-11	0830	5731	Sat	377/00	USB	(Lac)
S11a	4-11	1850	11486	Sat	281/00 Konets	USB	(AB)
S11a	5-11	0830	5371	Sun	379/00 Konets	USB	(AB)
S11a	6-11	0510	21906	Mon	650/00 Konets	USB	(AB-POL)
S11a	6-11	0700	9050	Mon	478/00 Konets	USB	(AB)
S11a	6-11	0915	6252	Mon	482/00 Konets	USB	(AB)
S11a	7-11	0445	11559	Tue	790/00 Konets	USB	(TM)
S11a	7-11	1400	10448	Tue	425/32 Vnimanije 97197 66887 83675 ... 90196 25130 44490 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
S11a	8-11	0725	23486	Wed	384/00 Konets	USB	(AB-POL)
S11a	8-11	1850	11486	Wed	285/34 Vnimanije 80174 61271 53537 ... 62540 01584 04920 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
S11a	9-11	0445	11559	Thu	790/00 Konets	USB	(TM)
S11a	10-11	0915	6252	Fri	480/00 Konets	USB	(AB)
S11a	10-11	1400	10448	Fri	425/32 Vnimanije 97197 66887 83675 ... 90196 25130 44490 Vnimanije (message repeated) Konets	USB	(AB)
S11a	11-11	0830	5371	Sat	373/00 Konets	USB	(AB)
S11a	11-11	0830	5371	Sat	373/00	USB	(Lac)
S11a	11-11	1850	11486	Sat	285/34 Vnimanije 80174 61271 53537 ... 62540 01584 04920 Vnimanije (message repeated) Konets	USB	(AB)
S11a	12-11	0830	5371	Sun	379/00 Konets	USB	(AB)
S11a	13-11	0510	21906	Mon	657/00 Konets	USB	(TM)
S11a	13-11	0700	9050	Mon	475/33 Vnimanije 30251 03081 53985 ... 13814 60368 95020 Vnimanije (message repeated) Konets	USB	(AB)

S11a	13-11	0700	9050	Mon	475/33 Vnimanie 30251 03081 53985 ...	USB	(Lac)
S11a	13-11	0915	6252	Mon	486/35 Vnimanije 45043 14934 85426 ... 50584 66428 00071 Vnimanije (message repeated) Konets	USB	(AB)
S11a	13-11	0915	6252	Mon	486/35 Vnimanie 45043 14934 85426 ...	USB	(Lac)
S11a	14-11	0445	11559	Tue	799/34 Vnimanije ...	USB	(TM)
S11a	14-11	1400	10448	Tue	424/00 Konets	USB	(AB)
S11a	15-11	0725	23486	Wed	383/33 Vnimanije 32222 77340 88605 ... 48490 98071 52881 Vnimanije (message repeated) Konets	USB	(AB-POL)
S11a	15-11	0725	23486	Wed	388/33 Vnimanie 32222 77340 88605 ...	USB	(Lac)
S11a	15-11	1850	11486	Wed	288/00 Konets	USB	(AB-POL)
S11a	16-11	0445	11559	Thu	799/34 Vnimanije ...	USB	(TM)
S11a	16-11	0700	9050	Thu	475/33 Vnimanije 30251 03081 53985 ... 13814 60368 95020 Vnimanije (message repeated) Konets	USB	(AB)
S11a	17-11	0725	23486	Fri	383/33 Vnimanije 32222 77340 88605 ... 48490 98071 52881 Vnimanije (message repeated) Konets	USB	(AB-POL)
S11a	17-11	0725	23486	Fri	383/33, repeat from 15-11-2023	USB	(Lac)
S11a	17-11	0915	6252	Fri	486/35 Vnimanije 45043 14934 85426 ... 50584 66428 00071 Vnimanije (message repeated) Konets	USB	(AB)
S11a	17-11	1400	10448	Fri	425/00 Konets	USB	(AB)
S11a	18-11	0830	5371	Sat	378/34 Vnimanije 27515 62008 34206 ... 41709 13529 04714 Vnimanije (message repeated) Konets	USB	(AB)
S11a	18-11	0830	5371	Sat	378/34 Vnimanie 27515 62008 34206 ...	USB	(Lac)
S11a	19-11	0830	5371	Sun	378/34 Vnimanije 27515 62008 34206 ... 41709 13529 04714 Vnimanije (message repeated) Konets	USB	(AB)
S11a	20-11	0700	9050	Mon	472/00 Konets	USB	(AB)
S11a	20-11	0700	9050	Mon	472/00 Konets	USB	(AB)
S11a	20-11	0915	6252	Mon	484/00 Konets	USB	(AB)
S11a	20-11	0915	6252	Mon	484/00	USB	(Lac)
S11a	21-11	0445	11559	Tue	799/00 Konets	USB	(TM)
S11a	21-11	1400	10448	Tue	429/00 Konets	USB	(AB)
S11a	21-11	1400	10448	Tue	429/00	USB	(Lac)
S11a	22-11	0510	21906	Wed	654/33 Vnimanie 76834 66005 53140 ...	USB	(Lac)
S11a	22-11	0725	23486	Wed	389/00 Konets	USB	(AB-POL)
S11a	22-11	0725	23486	Wed	389/00	USB	(Lac)
S11a	22-11	1850	11486	Wed	288/00 Konets	USB	(AB-POL)
S11a	23-11	0700	9050	Thu	475/00 Konets	USB	(AB)
S11a	23-11	0700	9050	Thu	475/00	USB	(Lac)
S11a	24-11	0915	6252	Fri	483/00 Konets	USB	(AB)
S11a	24-11	1400	10448	Fri	422/00 Konets	USB	(AB)
S11a	25-11	0830	5371	Sat	379/00 Konets	USB	(AB)
S11a	26-11	0830	5371	Sun	370/00 Konets	USB	(AB)
S11a	27-11	0915	6252	Mon	480/00 Konets	USB	(AB)
S11a	28-11	1400	10448	Tue	429/00 Konets	USB	(AB)
S11a	29-11	0725	23486	Wed	381/00 Konets	USB	(AB-POL)
S11a	29-11	1850	11486	Wed	287/00 Konets	USB	(AB-POL/MPJ)
S11a	30-11	0445	11559	Thu	799/00 Konets	USB	(TM)
S11a	30-11	0700	9050	Thu	479/00 Konets	USB	(AB)
UM04	1-11	0800	4735	Wed	VVV VVV PROMRCh = 01 11 = 1000 1020 1070 1240 1750 ... 0800 0840 0890 1050 1520 = AR	CW	(AB-HNG)
UM04	2-11	0800	4735	Thu	VVV VVV PROMRCh = 02 11 = 1000 1050 1100 1270 1780 ... 0800 0840 0890 1050 1520 = AR	CW	(Subilo/AB)
UM04	3-11	0800	4735	Fri	VVVVV PROMRCh 03 11 = 1000 1040 1090 1260 1780 ... 0800 0840 0890 1050 1520 = AR	CW	(Subilo/AB)
UM04	4-11	0800	4735	Sat	VVV VVV PROMRCh = 04 11 = 1000 1040 1100 1260 1790 ... 0800 0840 0880 1050 1510 = AR	CW	(Subilo/AB)
UM04	5-11	0800	4735	Sun	VVVVV PROMRCh = 0511 = 1000 1020 1070 1240 1750 ... 0800 0830 0880 1040 1500 = AR	CW	(Subilo/AB)
UM04	6-11	0800	4735	Mon	VVVVV PROMRCh = 06 11 = 1000 1050 1100 1270 1800 ... 0800 0830 0880 1040 1510 = AR	CW	(Subilo/AB)
UM04	7-11	0800	4735	Tue	VVV VVV PROMRCh = 07 11 = 1000 1050 1100 1270 1800 ... 0800 0830 0880 1040 1510 = AR	CW	(AB-HNG)

UM04	8-11	0800	4735	Wed	VVVVV PROMRCh = 08 11 = 1000 1040 1090 1270 1800 ... 0800 0830 0880 1040 1510 = AR	CW	(AB-HNG)
UM04	9-11	0800	4735	Thu	VVV VVV PROMRCh = 09 11 = 1000 1040 1090 1270 1800 ... 0800 0830 0870 1040 1510 = AR	CW	(Subilo/AB)
UM04	10-11	0800	4735	Fri	VVV VVV PROMRCh = 1011 = 1000 1050 1100 1270 1800 ... 0800 0830 0880 1040 1510 = AR	CW	(Subilo/AB)
UM04	11-11	0800	4735	Sat	VVV VVV PROMRCh = 11 11 = 1000 1020 1070 1240 1780 ... 0800 0820 0870 1030 1500 = AR	CW	(Subilo/AB)
UM04	12-11	0800	4735	Sun	VVV VVV PROMRCh = 1211 = 1000 1060 1110 1290 1830 ... 0800 0820 0870 1030 1500 = AR	CW	(Subilo/AB)
UM04	13-11	0800	4735	Mon	VVVVV PROMRCh = 13 11 = 1000 1060 1110 1290 1840 ... 0800 0820 0870 1040 1500 = AR	CW	(Subilo/AB)
UM04	14-11	0807	4735	Tue	VVVVV PROMRCh = 1411 = 1000 1060 1110 1290 1840 ... 0800 0820 0870 1030 1500 = AR	CW	(AB-HNG)
UM04	15-11	0800	4735	Wed	VVVVV PROMRCh = 15 11 = 1000 1070 1020 1300 1850 ... 0800 0820 0870 1030 1500 = AR	CW	(AB-HNG)
UM04	16-11	0800	4735	Thu	VVVVV PROMRCh = 16 11 = 1000 1070 1120 1300 1850 ... 0800 0820 0870 1030 1500 = AR	CW	(AB-HNG)
UM04	17-11	0800	4735	Fri	VVVVV PROMRCh = 1711 = 1000 1060 1110 1290 1850 ... 0800 0810 0860 1020 1490 = AR	CW	(AB-HNG)
UM04	18-11	0800	4735	Sat	VVV VVV PROMRCh = 18 11 = 1000 1050 1100 1290 1840 ... 0800 0810 0860 1020 1490 = AR	CW	(Subilo/AB)
UM04	19-11	0800	4735	Sun	VVVVV PROMRCh = 19 11 = 1000 1040 1090 1280 1830 ... 0800 0800 0850 1020 1190 = AR	CW	(Subilo/AB)
UM04	20-11	0800	4735	Mon	VVVVV PROMRCh = 20 11 = 1000 1030 1090 1270 1820 ... 0800 0790 0800 1010 1470 = AR	CW	(AB-HNG)
UM04	21-11	0800	4735	Tue	VVV VVV PROMRCh = 2111 = 1000 1030 1090 1270 1810 ... 0800 0780 0840 1000 1460 = AR	CW	(AB-HNG)
UM04	22-11	0800	4735	Wed	VVV VVV PROMRCh = 22 11 = 1000 1020 1070 1260 1800 ... 0800 0780 0830 0990 1450 = AR	CW	(AB-ROU)
UM04	23-11	0800	4735	Thu	VVV VVV PROMRCh = 23 11 = 1000 1010 1070 1250 1790 ... 0800 0770 0820 0990 1450 = AR	CW	(Subilo/AB)
UM04	24-11	0800	4735	Fri	VVV VVV PROMRCh = 24 11 = 1000 1020 1070 1260 1760 ... 0800 0770 0820 0980 1440 = AR	CW	(Subilo/AB)
UM04	25-11	0800	4735	Sat	VVVVV PROMRCh = 2511 = 1000 1010 1070 1250 1800 ... 0800 0760 0810 0980 1440 = AR	CW	(AB-HNG)
UM04	26-11	0800	4735	Sun	VVV VVV PROMRCh = 26 11 = 1000 1010 1060 1240 1780 ... 0800 0760 0810 0970 1430 = AR	CW	(AB-HNG)
UM04	27-11	0801	4735	Mon	VVVVV PROMRCh = 27 11 = 1000 1010 1070 1250 1740 ... 0800 0760 0810 0970 1420 = AR	CW	(AB-HNG)
UM04	28-11	0800	4735	Tue	VVVVV PROMRCh = 28 11 = 1000 1010 1060 1250 1790 ... 0800 0750 0800 0970 1420 = AR	CW	(AB-HNG)
UM04	29-11	0800	4735	Wed	VVVVV PROMRCh = 2911 = 1000 1010 1060 1240 1780 ... 0800 0750 0800 0960 1410 = AR	CW	(AB-ROU)
UM04	30-11	0800	4735	Thu	VVVVV PROMRCh = 30 11 = 1000 1000 1050 1240 1780 ... 0800 0740 0790 0950 1400 = AR	CW	(AB-HNG)
UM05	1-11	0520	5345.8	Wed	Couverture, Musique, Cahier, G, Argument, Chenille, I	CW	(AB)
UM05	1-11	1737	5345.8	Wed	Unid station: 7, Frere, Apresmidi, Recif	CW	(AB)
UM05	1-11	1940	5345.8	Wed	cw FRAISES, H	CW	(HFD)
UM05	2-11	0600	5345.8	Thu	Unid station: Lion, Pluie, Montagne, Surface, Plage	CW	(AB-F)
UM05	2-11	1652	5345.8	Thu	Unid station: Arret de bus, Araignee, Lecture, Chenille, L, Z, Cours, Ocean, Lait	CW	(AB-F)
UM05	3-11	1341	5345.8	Fri	cw V, L	CW	(HFD)
UM05	6-11	1535	5345.8	Mon	Velo, R, H, S, 5, U, R, B, Q, 2, 8, I, Deviation, V, Tunnel, 3, Pont, N, Passage, 9, K, W, 3, Passage,	CW	(AB)
UM05	7-11	0616	5345.8	Tue	D (every 5 sec for hours)	CW	(AB)
UM05	7-11	0650	5345.8	Tue	6, Lac, Montagne, C, Vallee, X, Destination, Paysage, X, 9, Q,	CW	(AB)
UM05	8-11	0618	5345.8	Wed	D (every 5 sec)	CW	(AB)
UM05	8-11	1650	5345.8	Wed	Tramway, 7, 3, A, V, Autoroute, Paysage, Z, K	CW	(AB)
UM05	9-11	0600	5345.8	Thu	E, Destination, 3	CW	(AB-F)
UM05	9-11	1456	5345.8	Thu	3, R, Port, 10, Passage pieton, 2, W	CW	(AB-F)
UM05	10-11	0632	5345.8	Fri	8, W, Tunnel, R	CW	(AB-F)
UM05	10-11	1753	5345.8	Fri	G, CTE, Tunnel, Nature	CW	(AB)
UM05	11-11	0639	5345.8	Sat	3, Metro, O	CW	(AB-F)
UM05	12-11	0651	5345.8	Sun	Champ, Autoroute, 5, Metro, B,	CW	(AB)
UM05	13-11	0627	5345.8	Mon	H, Passage, Niveau, S, V	CW	(AB)
UM05	14-11	0624	5345.8	Tue	G, O, B, Pont, 5, Plaine, O, H, Fort, Paysage, 2	CW	(AB-F)
UM05	15-11	0551	5345.8	Wed	Arret de bus, V, Detour, 4, Rocher, Port, 2, CTE,	CW	(AB)
UM05	16-11	0646	5345.8	Thu	G, C, CTE, V, N, U, H	CW	(AB)
UM05	17-11	0609	5345.8	Fri	1, 7, J, 4, Jungle, V, Desert, Le, Z, 3, Accident, Deviation, Aventure, F	CW	(AB)
UM05	17-11	1701	10300.8	Fri	Passage, Port, Lac, Detour, Desert, Riviere, Detour, Metro, Jungles, Colline, Velo, Riviere, Plaine, Autoroute, Tunnel, Trains	CW	(SOB)

UM05	18-11	0857	10300.8	Sat	Embouteillage, La gare est ouverte, Destination, Tourisme, Lac, Le, Tramway, Mer, To change the settings copy a file from the system configuration path to the subdirectory, Chemin de fer	CW	(AB)
UM05	18-11	1509	10300.8	Sat	Riviere, Desert, Baie, Deviation, Colline, Jungle, Arret de Bus, Montagne, Plage, Le, Prairie, Lac, Passage,	CW	(AB)
UM05	18-11	1631	10300.8	Sat	Embouteillage, Montagne, Detour, Trafic de chausson a droite de la porte, Vue, Passage, Velo, Desert, Voie, Destination, Paysage, Baie, La gare St Oubert, Cascade, Riviere, Trafic de chausson a droite de la porte	CW	(AB)
UM05	19-11	0740	10300.8	Sun	L, Destination, Voyage, Pont, Destination, Jungle, Aeroport, Document is distributed under the terms of the bus, Port, Volage, Passage, Route, Nature, Velo, Grotte, Cascade, Mur	CW	(AB)
UM05	19-11	1127	10300.8	Sun	Tramway, Oasis, Champ, Port, Tunnel, Cascade, Vue, Chemin de Fer, Passage, Vallee, Deviation, Le, Route, Aventure, Colline, Trafic de chausson a droite de la porte, Embouteille, Passage	CW	(AB)
UM05	20-11	0734	10300.8	Mon	To change the settings copy a file from the system configuration path to the subdirectories, Lac, Voiture, Plage, Exploration	CW	(AB)
UM05	21-11	1423	10030.8	Tue	Arret de bus, Passage, Voyage, Route, Trains, Pont, Deviation, To change the settings copy a file from the system configuration path to the subdirectories, Voyage, Prairie, Cascade	CW	(AB)
UM05	25-11	0415	3961.8	Sat	Passage, Jungle, Trafic, Rocher, Vue, Ocean, Desert, Montagne, Exploration, Velo, La Gare, Estouperate, Pont, Campagne, Colline, Passage	CW	(Lazo)
UM05	25-11	0700	3961.8	Sat	Plaite, Voie, Desert, Passage, Voie, Tramway, Campagne, Trafic de chausson a droite de la porte, Montagne, Oir	CW	(AB-F)
UM05	26-11	0639	3961.8	Sun	Detour, Paysage, Detour	CW	(AB)
UM05	26-11	1856	3961.8	Sun	Velo, Jungle, Lac, Vallee, Grotte, Campagne, Metro, Trafic de chausson a droite de la porte, Desert, Route, Prairie, Passage	CW	(AB)
UM05	27-11	0609	3961.8	Mon	Velo, Voiture, Desert, Paysage	CW	(AB)
UM05	28-11	0551	3961.8	Tue	Exploration, Mer, Destination, Campagne, Baie, Passage, To change the settings copy a file from the system configuration path to the subdirectory	CW	(AB)
UM05	28-11	1646	5345.8	Tue	Colline, Vue, Desert, Accident, Trafic de chausson a droite de la porte, Port, Autoroute, Moto, Exploration, Nature, Pont, Riviere, Foret, Desert	CW	(AB)
UM05	29-11	0553	5345.8	Wed	Vue, Velo, Montagne, Aeroport, Baie, Autoroute, Oasis, Decouverte, Trafic de chausson a droite de la porte, Passage, Tunnel, Campagne	CW	(AB)
UM05	29-11	1954	3961.8	Wed	Riviere, Metro, Paysage, Port, This document is distributed under the terms of the bus, Accident	CW	(AB)
UM05	30-11	0626	3961.8	Thu	Niveau, Ocean, Port, Aeroport, Cascade, Montagne	CW	(AB)
V07	5-11	0200	17431	Sun	414 414 414 1 7148 123 7148 123 39346 11010 44191 ... 85426 86835 75549 000 000	USB	(Dan)
V07	12-11	0200	17431	Sun	411 414 414 1 576 109 576 109 63426 49432 79142 ... 73595 82634 91482 000 000	USB	(Dan)
V07	12-11	0200	17431	Sun	414:1-576/109= 63426	USB	(HFD-USA)
V07	12-11	0220	16131	Sun	414:1	USB	(HFD-USA)
V07	12-11	0240	14431	Sun	414:1	USB	(HFD-USA)
V07	19-11	0200	17431	Sun	Unreadable. Bad audio	USB	(Dan)
V07	26-11	0200	17431	Sun	414 414 414 1 7148 123 7148 123 39346 11010 44191 ... 85426 86835 75549 000 000	USB	(Dan)
V13	5-11	1200	13974	Sun	mx intro, nu numbers	USB	(HFD)
V13	11-11	1300	11430	Sat	New Star Broadcasting	USB	(AB-TWN)
V28	6-11	2207	5489	Mon	Parrot	AM	(HK)
V28	9-11	1208	5239	Thu	Parrot. Male operator	AM	(HK)
X06	2-11	0827	19511	Thu	MFA Moscow clg 314265: Russian embassy Antananarivo	MFSK-6	(RO)
X06	2-11	0952	18197	Thu	MFA Moscow. Broken X06	MFSK-6	(RO)
X06	2-11	0954	18197	Thu	MFA Moscow clg 645321: Russian embassy Ho Chi Minh City	MFSK-6	(RO)
X06	2-11	1330	20627	Thu	MFA Moscow clg 436512: Russian embassy Harare	MFSK-6	(AB)
X06	3-11	0910	16218	Fri	MFA Moscow clg 324615: Russian embassy Madrid	MFSK-6	(AB)
X06	7-11	0812	15989	Tue	MFA Moscow clg 125643: Russian embassy Ulaanbataar	MFSK-6	(AB/Moon)
X06	7-11	0920	13401	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB/RO)
X06	8-11	0820	18591	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(AB/RO)

X06	8-11	0829	13369	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(AB/RO)
X06	8-11	0830	20950	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(RO)
X06	8-11	0905	13419	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(Moon)
X06	8-11	0912	14812	Wed	MFA Moscow clg 263145: Russian embassy Prague	MFSK-6	(Moon)
X06	8-11	1351	17444	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(AB/RO)
X06	9-11	0808	13843	Thu	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(Moon)
X06	13-11	0810	20690	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(Moon)
X06	13-11	0928	19235	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(RO/Moon)
X06	13-11	0938	13517	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(Moon)
X06	13-11	0952	16117	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(Moon)
X06	14-11	0810	17523	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(RO)
X06	14-11	1015	14675	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(Moon)
X06	14-11	1037	11125	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6 LSB	(Moon)
X06	14-11	1044	20813	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6 LSB	(Moon)
X06	15-11	1114	16115	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(AB/Moon)
X06	15-11	1231	19878	Wed	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(AB/Moon)
X06	15-11	1245	19878	Wed	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(AB/Moon)
X06	15-11	1550	13548	Wed	MFA Moscow clg 214356: Russian embassy Amman	MFSK-6	(AB)
X06	17-11	1024	13547	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(Moon)
X06	20-11	0807	26351	Mon	MFA Moscow clg 263514: unid Russian embassy	MFSK-6	(Moon)
X06	20-11	0944	20675	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(Moon)
X06	22-11	0758	18177	Wed	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(AB/Moon)
X06	22-11	0838	13369	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(AB/RO)
X06	22-11	0842	11483	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(AB/RO)
X06	22-11	0857	13419	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(AB/RO)
X06	22-11	0859	16116	Wed	MFA Moscow clg 134265: Russian embassy Tunis	MFSK-6	(AB/Moon)
X06	22-11	0920	14812	Wed	MFA Moscow	MFSK-6	(RO)
X06	22-11	0922	11561	Wed	MFA Moscow clg 263145: Russian embassy Prague	MFSK-6	(AB)
X06	23-11	0717	14425	Thu	MFA Moscow clg 213546: Russian embassy Islamabad	MFSK-6	(AB)
X06	23-11	0923	11561	Thu	MFA Moscow: Russian embassy 263145: Russian embassy Prague	MFSK-6	(RO)
X06	24-11	1015	20605	Fri	MFA Moscow clg 256134: Russian embassy Abidjan	MFSK-6	(AB/RO/Moon)
XM	24-11	1637	5826	Fri	Audio feedback	USB	(AB)
XPA1	1-11	1310	13875	Wed	838 838 838 000 01033 00001 00000 32654	MFSK-20/10Bd	(AB)
XPA1	1-11	1310	13875	Wed	838 msg	MFSK-20/10Bd	(HFD)
XPA1	1-11	1330	13375	Wed	838 838 838 000 01033 00001 00000 32654	MFSK-20/10Bd	(AB)
XPA1	1-11	1331	13375	Wed	838 msg	MFSK-20/10Bd	(HFD)
XPA1	1-11	1350	10875	Wed	838 838 838 000 01033 00001 00000 32654	MFSK-20/10Bd	(AB)
XPA1	1-11	1351	10875	Wed	838 msg	MFSK-20/10Bd	(HFD)
XPA1	3-11	1310	13875	Fri	838 838 838 000 05922 00001 00000 36657	MFSK-20/10Bd	(AB/MPJ)
XPA1	3-11	1330	13375	Fri	838 838 838 000 05922 00001 00000 36657	MFSK-20/10Bd	(AB/MPJ)
XPA1	3-11	1350	10875	Fri	838 838 838 000 05922 00001 00000 36657	MFSK-20/10Bd	(AB/MPJ)
XPA1	8-11	1310	13875	Wed	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB/MPJ)
XPA1	8-11	1330	13375	Wed	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB/MPJ)
XPA1	8-11	1350	10875	Wed	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB/MPJ)
XPA1	10-11	1310	13875	Fri	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB/MPJ)
XPA1	10-11	1330	13375	Fri	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB/MPJ)
XPA1	10-11	1350	10875	Fri	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB/MPJ)

XPA1	15-11	1310	13875	Wed	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB)
XPA1	15-11	1330	13375	Wed	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB)
XPA1	15-11	1350	10875	Wed	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB)
XPA1	17-11	1310	13875	Fri	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB)
XPA1	17-11	1330	13375	Fri	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB)
XPA1	17-11	1350	10875	Fri	838 838 838 1 02804 00102 51099 ... 31923 11718 15120	MFSK-20/10Bd	(AB)
XPA1	22-11	1310	13875	Wed	838 838 838 000 01507 00001 00000 37251	MFSK-20/10Bd	(AB)
XPA1	22-11	1330	13375	Wed	838 838 838 000 01507 00001 00000 37251	MFSK-20/10Bd	(AB)
XPA1	22-11	1350	10875	Wed	838 838 838 000 01507 00001 00000 37251	MFSK-20/10Bd	(AB)
XPA1	24-11	1310	13875	Fri	838 838 838 000 06463 00001 00000 34664	MFSK-20/10Bd	(AB)
XPA1	24-11	1330	13375	Fri	838 838 838 000 06463 00001 00000 34664	MFSK-20/10Bd	(AB)
XPA1	24-11	1350	10875	Fri	838 838 838 000 06463 00001 00000 34664	MFSK-20/10Bd	(AB)
XPA1	29-11	1310	13875	Wed	838 838 838 000 09010 00001 00000 31262	MFSK-20/10Bd	(AB/MPJ)
XPA1	29-11	1330	13375	Wed	838 838 838 000 09010 00001 00000 31262	MFSK-20/10Bd	(AB)
XPA1	29-11	1350	10875	Wed	838 838 838 000 09010 00001 00000 31262	MFSK-20/10Bd	(AB)
XPA2	1-11	0800	11529	Wed	05892 00100 06985 ... 06342 46288 76172	MFSK-16/20Bd	(AB)
XPA2	1-11	0800	11529	Wed	msg, XPA2p	MFSK-16/20Bd	(HFD)
XPA2	1-11	0820	13429	Wed	05892 00100 06985 ... 06342 46288 76172	MFSK-16/20Bd	(AB)
XPA2	1-11	0820	13429	Wed	msg, XPA2p	MFSK-16/20Bd	(HFD)
XPA2	1-11	0840	13929	Wed	05892 00100 06985 ... 06342 46288 76172	MFSK-16/20Bd	(AB)
XPA2	1-11	0840	13929	Wed	msg, XPA2p	MFSK-16/20Bd	(HFD)
XPA2	1-11	0910	17413	Wed	01097 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	1-11	0910	17413	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	1-11	0930	15852	Wed	01097 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	1-11	0930	15852	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	1-11	0950	13363	Wed	01097 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	1-11	0950	13363	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	1-11	1100	13393	Wed	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	1-11	1100	13393	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	1-11	1120	12193	Wed	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	1-11	1120	12193	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	1-11	1140	11093	Wed	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	1-11	1140	11093	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	1-11	1200	13968	Wed	00385 00231 35546 ... 63600 94900 14764	MFSK-16/20Bd	(AB)
XPA2	1-11	1200	13968	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	1-11	1220	15968	Wed	00385 00231 35546 ... 63600 94900 14764	MFSK-16/20Bd	(AB)
XPA2	1-11	1220	15968	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	1-11	1240	17468	Wed	00385 00231 35546 ... 63600 94900 14764	MFSK-16/20Bd	(AB)
XPA2	1-11	1240	17468	Wed	msg	MFSK-16/20Bd	(HFD)
XPA2	2-11	0600	11162	Thu	00670 00094 28915 ... 20495 79742 51522	MFSK-16/20Bd	(AB)
XPA2	2-11	0600	11162	Thu	msg	MFSK-16/20Bd	(HFD)
XPA2	2-11	0620	12162	Thu	00670 00094 28915 ... 20495 79742 51522	MFSK-16/20Bd	(AB)
XPA2	2-11	0620	12162	Thu	msg	MFSK-16/20Bd	(HFD)
XPA2	2-11	0640	13962	Thu	00670 00094 28915 ... 20495 79742 51522	MFSK-16/20Bd	(AB)
XPA2	2-11	0640	13962	Thu	msg	MFSK-16/20Bd	(HFD)
XPA2	2-11	0910	15985	Thu	04357 00001 00000 36261	MFSK-16/20Bd	(AB)
XPA2	2-11	0930	14885	Thu	04357 00001 00000 36261	MFSK-16/20Bd	(AB)

XPA2	2-11	0950	13885	Thu	04357 00001 00000 36261	MFSK-16/20Bd	(AB)
XPA2	2-11	1100	13393	Thu	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	2-11	1120	12193	Thu	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	2-11	1140	11093	Thu	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	2-11	1600	10223	Thu	05705 00001 00000 37255	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-11	1600	10223	Thu	msg	MFSK-16/20Bd	(HFD)
XPA2	2-11	1620	9223	Thu	05705 00001 00000 37255	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-11	1620	9223	Thu	msg	MFSK-16/20Bd	(HFD)
XPA2	2-11	1640	8123	Thu	05705 00001 00000 37255	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-11	1640	8123	Thu	msg	MFSK-16/20Bd	(HFD)
XPA2	3-11	0900	16225	Fri	00661 00116 46619 ... 16404 38004 67265	MFSK-16/20Bd	(AB)
XPA2	3-11	0920	17425	Fri	00661 00116 46619 ... 16404 38004 67265	MFSK-16/20Bd	(AB)
XPA2	3-11	0940	19125	Fri	00661 00116 46619 ... 16404 38004 67265	MFSK-16/20Bd	(AB)
XPA2	3-11	1100	10653	Fri	00508 00098 83090 ... 87974 63833 30610	MFSK-16/20Bd	(AB)
XPA2	3-11	1120	9353	Fri	00508 00098 83090 ... 87974 63833 30610	MFSK-16/20Bd	(AB)
XPA2	3-11	1140	8153	Fri	00508 00098 83090 ... 87974 63833 30610	MFSK-16/20Bd	(AB)
XPA2	3-11	1200	13968	Fri	00385 00231 35546 ... 63600 94900 14764	MFSK-16/20Bd	(AB)
XPA2	3-11	1220	15968	Fri	00385 00231 35546 ... 63600 94900 14764	MFSK-16/20Bd	(AB)
XPA2	3-11	1240	17468	Fri	00385 00231 35546 ... 63600 94900 14764	MFSK-16/20Bd	(AB/MPJ)
XPA2	4-11	0910	15985	Sat	09595 00001 00000 36272	MFSK-16/20Bd	(AB)
XPA2	4-11	0910	15985	Sat	msg	MFSK-16/20Bd	(HFD)
XPA2	4-11	0930	14885	Sat	09595 00001 00000 36272	MFSK-16/20Bd	(AB)
XPA2	4-11	0930	14885	Sat	msg	MFSK-16/20Bd	(HFD)
XPA2	4-11	0950	13885	Sat	09595 00001 00000 36272	MFSK-16/20Bd	(AB)
XPA2	4-11	0950	13885	Sat	msg	MFSK-16/20Bd	(HFD)
XPA2	4-11	1600	8126	Sat	05366 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	4-11	1600	8126	Sat	msg	MFSK-16/20Bd	(HFD)
XPA2	4-11	1620	6826	Sat	05366 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	4-11	1620	6826	Sat	msg	MFSK-16/20Bd	(HFD)
XPA2	4-11	1640	5326	Sat	05366 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	4-11	1640	5326	Sat	msg	MFSK-16/20Bd	(HFD)
XPA2	5-11	0900	16225	Sun	00661 00116 46619 ... 16404 38004 67265	MFSK-16/20Bd	(AB)
XPA2	5-11	0920	17425	Sun	00661 00116 46619 ... 16404 38004 67265	MFSK-16/20Bd	(AB)
XPA2	5-11	0940	19125	Sun	00661 00116 46619 ... 16404 38004 67265	MFSK-16/20Bd	(AB)
XPA2	5-11	1200	14783	Sun	08296 00001 00000 35271	MFSK-16/20Bd	(AB/MPJ)
XPA2	5-11	1200	14783	Sun	msg, XPA2m	MFSK-16/20Bd	(HFD)
XPA2	5-11	1220	13883	Sun	08296 00001 00000 35271	MFSK-16/20Bd	(AB/MPJ)
XPA2	5-11	1220	13883	Sun	msg, XPA2m	MFSK-16/20Bd	(HFD)
XPA2	5-11	1240	12183	Sun	08296 00001 00000 35271	MFSK-16/20Bd	(AB/MPJ)
XPA2	5-11	1240	12183	Sun	msg, XPA2m	MFSK-16/20Bd	(HFD)
XPA2	6-11	0800	11529	Mon	04040 00001 00000 31260	MFSK-16/20Bd	(AB)
XPA2	6-11	0820	13429	Mon	04040 00001 00000 31260	MFSK-16/20Bd	(AB)
XPA2	6-11	0840	13929	Mon	04040 00001 00000 31260	MFSK-16/20Bd	(AB)
XPA2	6-11	0910	17413	Mon	00595 00137 60943 ... 01648 29811 72236	MFSK-16/20Bd	(AB)
XPA2	6-11	0930	15852	Mon	00595 00137 60943 ... 01648 29811 72236	MFSK-16/20Bd	(AB)
XPA2	6-11	0950	13363	Mon	00595 00137 60943 ... 01648 29811 72236	MFSK-16/20Bd	(AB)
XPA2	6-11	1600	8126	Mon	00492 00285 52767 ... 18138 69395 71001	MFSK-16/20Bd	(AB)

XPA2	6-11	1620	6826	Mon	00492 00285 52767 ... 18138 69395 71001	MFSK-16/20Bd	(AB)
XPA2	6-11	1640	5326	Mon	00492 00285 52767 ... 18138 69395 71001	MFSK-16/20Bd	(AB)
XPA2	7-11	0600	11162	Tue	06076 00001 00000 34265	MFSK-16/20Bd	(AB)
XPA2	7-11	0600	11162	Tue	msg	MFSK-16/20Bd	(HFD)
XPA2	7-11	0620	12162	Tue	06076 00001 00000 34265	MFSK-16/20Bd	(AB)
XPA2	7-11	0620	12162	Tue	msg	MFSK-16/20Bd	(HFD)
XPA2	7-11	0640	13962	Tue	06076 00001 00000 34265	MFSK-16/20Bd	(AB)
XPA2	7-11	0640	13962	Tue	msg	MFSK-16/20Bd	(HFD)
XPA2	7-11	1100	10653	Tue	00508 00098 83090 ... 87974 63833 30610	MFSK-16/20Bd	(AB/MPJ)
XPA2	7-11	1100	10653	Tue	msg	MFSK-16/20Bd	(HFD)
XPA2	7-11	1110	9353	Tue	00508 00098 83090 ... 87974 63833 30610	MFSK-16/20Bd	(AB/MPJ)
XPA2	7-11	1120	9353	Tue	msg	MFSK-16/20Bd	(HFD)
XPA2	7-11	1130	8153	Tue	00508 00098 83090 ... 87974 63833 30610	MFSK-16/20Bd	(AB/MPJ)
XPA2	7-11	1140	8153	Tue	msg	MFSK-16/20Bd	(HFD)
XPA2	7-11	1200	14783	Tue	09064 00069 06077 ... 06879 67116 00136	MFSK-16/20Bd	(AB)
XPA2	7-11	1220	13883	Tue	09064 00069 06077 ... 06879 67116 00136	MFSK-16/20Bd	(AB)
XPA2	7-11	1240	12183	Tue	09064 00069 06077 ... 06879 67116 00136	MFSK-16/20Bd	(AB)
XPA2	7-11	1600	10223	Tue	00337 00199 14469 ... 06836 63652 62567	MFSK-16/20Bd	(AB)
XPA2	7-11	1620	9223	Tue	00337 00199 14469 ... 06836 63652 62567	MFSK-16/20Bd	(AB)
XPA2	7-11	1640	8123	Tue	00337 00199 14469 ... 06836 63652 62567	MFSK-16/20Bd	(AB)
XPA2	8-11	0800	11529	Wed	09343 00001 00000 34265	MFSK-16/20Bd	(AB)
XPA2	8-11	0820	13429	Wed	09343 00001 00000 34265	MFSK-16/20Bd	(AB)
XPA2	8-11	0840	13929	Wed	09343 00001 00000 34265	MFSK-16/20Bd	(AB)
XPA2	8-11	0910	17413	Wed	00595 00137 60943 ... 01648 29811 72236	MFSK-16/20Bd	(AB)
XPA2	8-11	0930	15852	Wed	00595 00137 60943 ... 01648 29811 72236	MFSK-16/20Bd	(AB)
XPA2	8-11	0950	13363	Wed	00595 00137 60943 ... 01648 29811 72236	MFSK-16/20Bd	(AB)
XPA2	8-11	1100	13393	Wed	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	8-11	1120	12193	Wed	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	8-11	1140	11093	Wed	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	8-11	1200	13968	Wed	04005 00213 70240 ... 42508 80064 24540	MFSK-16/20Bd	(AB)
XPA2	8-11	1220	15968	Wed	04005 00213 70240 ... 42508 80064 24540	MFSK-16/20Bd	(AB)
XPA2	8-11	1240	17468	Wed	04005 00213 70240 ... 42508 80064 24540	MFSK-16/20Bd	(AB)
XPA2	9-11	0600	11162	Thu	04789 00001 00000 41264	MFSK-16/20Bd	(AB)
XPA2	9-11	0620	12162	Thu	04789 00001 00000 41264	MFSK-16/20Bd	(AB)
XPA2	9-11	0640	13962	Thu	04789 00001 00000 41264	MFSK-16/20Bd	(AB)
XPA2	9-11	0910	15985	Thu	03087 00156 59835 ... 50887 78699 53145	MFSK-16/20Bd	(AB)
XPA2	9-11	0930	14885	Thu	03087 00156 59835 ... 50887 78699 53145	MFSK-16/20Bd	(AB)
XPA2	9-11	0950	13885	Thu	03087 00156 59835 ... 50887 78699 53145	MFSK-16/20Bd	(AB)
XPA2	9-11	1100	13393	Thu	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	9-11	1120	12193	Thu	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	9-11	1140	11093	Thu	00691 00193 73544 ... 01648 73347 07601	MFSK-16/20Bd	(AB)
XPA2	9-11	1600	10223	Thu	00337 00199 14469 ... 06836 63652 62567	MFSK-16/20Bd	(AB)
XPA2	9-11	1620	9223	Thu	00337 00199 14469 ... 06836 63652 62567	MFSK-16/20Bd	(AB)
XPA2	9-11	1640	8123	Thu	00337 00199 14469 ... 06836 63652 62567	MFSK-16/20Bd	(AB)
XPA2	10-11	0900	16225	Fri	03834 00170 36170 ... 45974 60551 10723	MFSK-16/20Bd	(AB)
XPA2	10-11	0900	16225	Fri	msg	MFSK-16/20Bd	(HFD)
XPA2	10-11	0920	17425	Fri	03834 00170 36170 ... 45974 60551 10723	MFSK-16/20Bd	(AB)

XPA2	10-11	0920	17425	Fri	msg		MFSK-16/20Bd	(HFD)
XPA2	10-11	0940	19125	Fri	03834 00170 36170 ... 45974 60551 10723		MFSK-16/20Bd	(AB)
XPA2	10-11	0940	19125	Fri	msg		MFSK-16/20Bd	(HFD)
XPA2	10-11	1100	10653	Fri	00508 00098 83090 ... 87974 63833 30610		MFSK-16/20Bd	(AB)
XPA2	10-11	1120	9353	Fri	00508 00098 83090 ... 87974 63833 30610		MFSK-16/20Bd	(AB)
XPA2	10-11	1140	8153	Fri	00508 00098 83090 ... 87974 63833 30610		MFSK-16/20Bd	(AB)
XPA2	10-11	1200	13968	Fri	04005 00213 70240 ... 42508 80064 24540		MFSK-16/20Bd	(AB/MPJ)
XPA2	10-11	1220	15968	Fri	04005 00213 70240 ... 42508 80064 24540		MFSK-16/20Bd	(AB/MPJ)
XPA2	10-11	1240	17468	Fri	04005 00213 70240 ... 42508 80064 24540		MFSK-16/20Bd	(AB/MPJ)
XPA2	11-11	0910	15985	Sat	03087 00156 59835 ... 50887 78699 53145		MFSK-16/20Bd	(AB)
XPA2	11-11	0930	14885	Sat	03087 00156 59835 ... 50887 78699 53145		MFSK-16/20Bd	(AB)
XPA2	11-11	0950	13885	Sat	03087 00156 59835 ... 50887 78699 53145		MFSK-16/20Bd	(AB)
XPA2	11-11	1600	8126	Sat	00492 00285 52767 ... 18138 69395 71001		MFSK-16/20Bd	(AB)
XPA2	11-11	1620	6826	Sat	00492 00285 52767 ... 18138 69395 71001		MFSK-16/20Bd	(AB)
XPA2	11-11	1640	5326	Sat	00492 00285 52767 ... 18138 69395 71001		MFSK-16/20Bd	(AB)
XPA2	12-11	0900	16225	Sun	03834 00170 36170 ... 45974 60551 10723		MFSK-16/20Bd	(AB)
XPA2	12-11	0920	17425	Sun	03834 00170 36170 ... 45974 60551 10723		MFSK-16/20Bd	(AB)
XPA2	12-11	0940	19125	Sun	03834 00170 36170 ... 45974 60551 10723		MFSK-16/20Bd	(AB)
XPA2	12-11	1200	14783	Sun	09064 00069 06077 ... 06879 67116 00136		MFSK-16/20Bd	(AB/MPJ)
XPA2	12-11	1220	13883	Sun	09064 00069 06077 ... 06879 67116 00136		MFSK-16/20Bd	(AB/MPJ)
XPA2	12-11	1240	12183	Sun	09064 00069 06077 ... 06879 67116 00136		MFSK-16/20Bd	(AB/Tel/MPJ)
XPA2	13-11	0800	11529	Mon	08505 00001 00000 36260		MFSK-16/20Bd	(AB)
XPA2	13-11	0820	13429	Mon	08505 00001 00000 36260		MFSK-16/20Bd	(AB)
XPA2	13-11	0840	13929	Mon	08505 00001 00000 36260		MFSK-16/20Bd	(AB)
XPA2	13-11	0910	17413	Mon	00595 00137 60943 ... 01648 29811 72236		MFSK-16/20Bd	(AB)
XPA2	13-11	0930	15852	Mon	00595 00137 60943 ... 01648 29811 72236		MFSK-16/20Bd	(AB)
XPA2	13-11	0950	13363	Mon	00595 00137 60943 ... 01648 29811 72236		MFSK-16/20Bd	(AB)
XPA2	13-11	1600	8126	Mon	75766 00001 00000 36666		MFSK-16/20Bd	(AB)
XPA2	13-11	1620	6826	Mon	75766 00001 00000 36666		MFSK-16/20Bd	(AB)
XPA2	13-11	1640	5326	Mon	75766 00001 00000 36666		MFSK-16/20Bd	(AB)
XPA2	14-11	0600	11162	Tue	07494 00082 56461 ... 03359 15714 34103		MFSK-16/20Bd	(AB)
XPA2	14-11	0620	12162	Tue	07494 00082 56461 ... 03359 15714 34103		MFSK-16/20Bd	(AB)
XPA2	14-11	0640	13962	Tue	07494 00082 56461 ... 03359 15714 34103		MFSK-16/20Bd	(AB)
XPA2	14-11	1100	10653	Tue	01002 00001 00000 32251		MFSK-16/20Bd	(AB)
XPA2	14-11	1110	9353	Tue	01002 00001 00000 32251		MFSK-16/20Bd	(AB)
XPA2	14-11	1130	8153	Tue	01002 00001 00000 32251		MFSK-16/20Bd	(AB)
XPA2	14-11	1200	14783	Tue	03064 00001 00000 33661		MFSK-16/20Bd	(AB)
XPA2	14-11	1220	13883	Tue	03064 00001 00000 33661		MFSK-16/20Bd	(AB)
XPA2	14-11	1240	12183	Tue	03064 00001 00000 33661		MFSK-16/20Bd	(AB)
XPA2	14-11	1600	10223	Tue	04339 00001 00000 37257		MFSK-16/20Bd	(AB)
XPA2	14-11	1620	9223	Tue	04339 00001 00000 37257		MFSK-16/20Bd	(AB)
XPA2	14-11	1640	8123	Tue	04339 00001 00000 37257		MFSK-16/20Bd	(AB)
XPA2	15-11	0800	11529	Wed	08585 00001 00000 36270		MFSK-16/20Bd	(AB)
XPA2	15-11	0820	13429	Wed	08585 00001 00000 36270		MFSK-16/20Bd	(AB)
XPA2	15-11	0840	13929	Wed	08585 00001 00000 36270		MFSK-16/20Bd	(AB)
XPA2	15-11	0910	17413	Wed	00595 00137 60943 ... 01648 29811 72236		MFSK-16/20Bd	(AB)
XPA2	15-11	0930	15852	Wed	00595 00137 60943 ... 01648 29811 72236		MFSK-16/20Bd	(AB)

XPA2	15-11	0950	13363	Wed	00595 00137 60943 ... 01648 29811 72236	MFSK-16/20Bd	(AB)
XPA2	15-11	1100	13393	Wed	04702 00001 00000 35654	MFSK-16/20Bd	(AB)
XPA2	15-11	1120	12193	Wed	04702 00001 00000 35654	MFSK-16/20Bd	(AB)
XPA2	15-11	1140	11093	Wed	04702 00001 00000 35654	MFSK-16/20Bd	(AB)
XPA2	15-11	1200	13968	Wed	00252 00147 91602 ... 61216 16695 21103	MFSK-16/20Bd	(AB)
XPA2	15-11	1220	15968	Wed	00252 00147 91602 ... 61216 16695 21103	MFSK-16/20Bd	(AB)
XPA2	15-11	1240	17468	Wed	00252 00147 91602 ... 61216 16695 21103	MFSK-16/20Bd	(AB)
XPA2	16-11	0600	11162	Thu	07494 00082 56461 ... 03359 15714 34103	MFSK-16/20Bd	(AB)
XPA2	16-11	0620	12162	Thu	07494 00082 56461 ... 03359 15714 34103	MFSK-16/20Bd	(AB)
XPA2	16-11	0640	13962	Thu	07494 00082 56461 ... 03359 15714 34103	MFSK-16/20Bd	(AB)
XPA2	16-11	0910	15985	Thu	03087 00156 59835 ... 50887 78699 53145	MFSK-16/20Bd	(AB/RL)
XPA2	16-11	0930	14885	Thu	03087 00156 59835 ... 50887 78699 53145	MFSK-16/20Bd	(AB/RL)
XPA2	16-11	0950	13885	Thu	03087 00156 59835 ... 50887 78699 53145	MFSK-16/20Bd	(AB/RL)
XPA2	16-11	1100	13393	Thu	05478 00001 00000 37264	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-11	1120	12193	Thu	05478 00001 00000 37264	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-11	1140	11093	Thu	05478 00001 00000 37264	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-11	1600	10223	Thu	08515 00001 00000 36261	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-11	1620	9223	Thu	08515 00001 00000 36261	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-11	1640	8123	Thu	08515 00001 00000 36261	MFSK-16/20Bd	(AB/MPJ)
XPA2	17-11	0900	16225	Fri	02041 00001 00000 31656	MFSK-16/20Bd	(AB)
XPA2	17-11	0920	17425	Fri	02041 00001 00000 31656	MFSK-16/20Bd	(AB)
XPA2	17-11	0940	19125	Fri	02041 00001 00000 31656	MFSK-16/20Bd	(AB)
XPA2	17-11	1025	9142	Fri	00794 00027 34430 ... 88804 03572 63343	MFSK-16/20Bd	(AB)
XPA2	17-11	1100	10653	Fri	08868 00001 00000 41266	MFSK-16/20Bd	(AB)
XPA2	17-11	1120	9353	Fri	08868 00001 00000 41266	MFSK-16/20Bd	(AB)
XPA2	17-11	1140	8153	Fri	08868 00001 00000 41266	MFSK-16/20Bd	(AB)
XPA2	17-11	1200	13968	Fri	00252 00147 91602 ... 61216 16695 21103	MFSK-16/20Bd	(AB)
XPA2	17-11	1220	15968	Fri	00252 00147 91602 ... 61216 16695 21103	MFSK-16/20Bd	(AB)
XPA2	17-11	1240	17468	Fri	00252 00147 91602 ... 61216 16695 21103	MFSK-16/20Bd	(AB)
XPA2	18-11	0910	15985	Sat	03087 00156 59835 ... 50887 78699 53145	MFSK-16/20Bd	(AB)
XPA2	18-11	0930	14885	Sat	03087 00156 59835 ... 50887 78699 53145	MFSK-16/20Bd	(AB)
XPA2	18-11	0950	13885	Sat	03087 00156 59835 ... 50887 78699 53145	MFSK-16/20Bd	(AB)
XPA2	18-11	1600	8126	Sat	09810 00001 00000 35262	MFSK-16/20Bd	(AB)
XPA2	18-11	1620	6826	Sat	09810 00001 00000 35262	MFSK-16/20Bd	(AB)
XPA2	18-11	1640	5326	Sat	09810 00001 00000 35262	MFSK-16/20Bd	(AB)
XPA2	19-11	0900	16225	Sun	06481 00001 00000 33666	MFSK-16/20Bd	(AB)
XPA2	19-11	0920	17425	Sun	06481 00001 00000 33666	MFSK-16/20Bd	(AB)
XPA2	19-11	0940	19125	Sun	06481 00001 00000 33666	MFSK-16/20Bd	(AB)
XPA2	19-11	1200	14783	Sun	06661 00001 00000 34664	MFSK-16/20Bd	(AB)
XPA2	19-11	1220	13883	Sun	06661 00001 00000 34664	MFSK-16/20Bd	(AB)
XPA2	19-11	1240	12183	Sun	06661 00001 00000 34664	MFSK-16/20Bd	(AB)
XPA2	20-11	0800	11529	Mon	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB)
XPA2	20-11	0820	13429	Mon	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB)
XPA2	20-11	0840	13929	Mon	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB)
XPA2	20-11	0910	17413	Mon	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)
XPA2	20-11	0930	15852	Mon	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)
XPA2	20-11	0950	13363	Mon	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)

XPA2	20-11	1600	8126	Mon	04012 00175 32775 ... 50111 15706 17754	MFSK-16/20Bd	(AB)
XPA2	20-11	1620	6826	Mon	04012 00175 32775 ... 50111 15706 17754	MFSK-16/20Bd	(AB)
XPA2	20-11	1640	5326	Mon	04012 00175 32775 ... 50111 15706 17754	MFSK-16/20Bd	(AB)
XPA2	21-11	0600	11162	Tue	006634 00001 00000 36262	MFSK-16/20Bd	(AB)
XPA2	21-11	0620	12162	Tue	006634 00001 00000 36262	MFSK-16/20Bd	(AB)
XPA2	21-11	0640	13962	Tue	006634 00001 00000 36262	MFSK-16/20Bd	(AB)
XPA2	21-11	1100	10653	Tue	02481 00121 80187 ... 46974 39694 66062	MFSK-16/20Bd	(AB)
XPA2	21-11	1110	9353	Tue	02481 00121 80187 ... 46974 39694 66062	MFSK-16/20Bd	(AB)
XPA2	21-11	1130	8153	Tue	02481 00121 80187 ... 46974 39694 66062	MFSK-16/20Bd	(AB)
XPA2	21-11	1200	14783	Tue	00501 00076 05261 ... 32816 24997 26047	MFSK-16/20Bd	(AB)
XPA2	21-11	1220	13883	Tue	00501 00076 05261 ... 32816 24997 26047	MFSK-16/20Bd	(AB)
XPA2	21-11	1240	12183	Tue	00501 00076 05261 ... 32816 24997 26047	MFSK-16/20Bd	(AB)
XPA2	21-11	1600	10223	Tue	00703 00213 64517 ... 31960 17779 46403	MFSK-16/20Bd	(AB)
XPA2	21-11	1620	9223	Tue	00703 00213 64517 ... 31960 17779 46403	MFSK-16/20Bd	(AB)
XPA2	21-11	1640	8123	Tue	00703 00213 64517 ... 31960 17779 46403	MFSK-16/20Bd	(AB)
XPA2	22-11	0800	11529	Wed	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB/Tel)
XPA2	22-11	0820	13429	Wed	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB)
XPA2	22-11	0840	13929	Wed	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB)
XPA2	22-11	0910	17413	Wed	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)
XPA2	22-11	0930	15852	Wed	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)
XPA2	22-11	0950	13363	Wed	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)
XPA2	22-11	1100	13393	Wed	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	22-11	1120	12193	Wed	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	22-11	1140	11093	Wed	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	22-11	1200	13968	Wed	00159 00212 82071 ... 13318 78334 11004	MFSK-16/20Bd	(AB)
XPA2	22-11	1220	15968	Wed	00159 00212 82071 ... 13318 78334 11004	MFSK-16/20Bd	(AB)
XPA2	22-11	1240	17468	Wed	00159 00212 82071 ... 13318 78334 11004	MFSK-16/20Bd	(AB)
XPA2	23-11	0600	11162	Thu	03042 00001 00000 32257	MFSK-16/20Bd	(AB)
XPA2	23-11	0620	12162	Thu	03042 00001 00000 32257	MFSK-16/20Bd	(AB)
XPA2	23-11	0640	13962	Thu	03042 00001 00000 32257	MFSK-16/20Bd	(AB)
XPA2	23-11	0910	15985	Thu	00605 00089 50281 ... 50189 20967 46716	MFSK-16/20Bd	(AB)
XPA2	23-11	0930	14885	Thu	00605 00089 50281 ... 50189 20967 46716	MFSK-16/20Bd	(AB)
XPA2	23-11	0950	13885	Thu	00605 00089 50281 ... 50189 20967 46716	MFSK-16/20Bd	(AB)
XPA2	23-11	1100	13393	Thu	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	23-11	1120	12193	Thu	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	23-11	1140	11093	Thu	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	23-11	1600	10223	Thu	00703 00213 64517 ... 31960 17779 46403	MFSK-16/20Bd	(AB)
XPA2	23-11	1620	9223	Thu	00703 00213 64517 ... 31960 17779 46403	MFSK-16/20Bd	(AB)
XPA2	23-11	1640	8123	Thu	00703 00213 64517 ... 31960 17779 46403	MFSK-16/20Bd	(AB)
XPA2	24-11	0900	16225	Fri	03481 00095 48619 ... 79632 41221 20266	MFSK-16/20Bd	(AB)
XPA2	24-11	0920	17425	Fri	03481 00095 48619 ... 79632 41221 20266	MFSK-16/20Bd	(AB)
XPA2	24-11	0940	19125	Fri	03481 00095 48619 ... 79632 41221 20266	MFSK-16/20Bd	(AB)
XPA2	24-11	1100	10653	Fri	02481 00121 80187 ... 46974 39694 66062	MFSK-16/20Bd	(AB)
XPA2	24-11	1110	9353	Fri	02481 00121 80187 ... 46974 39694 66062	MFSK-16/20Bd	(AB)
XPA2	24-11	1130	8153	Fri	02481 00121 80187 ... 46974 39694 66062	MFSK-16/20Bd	(AB)
XPA2	24-11	1200	13968	Fri	00159 00212 82071 ... 13318 78334 11004	MFSK-16/20Bd	(AB)
XPA2	24-11	1220	15968	Fri	00159 00212 82071 ... 13318 78334 11004	MFSK-16/20Bd	(AB)

XPA2	24-11	1240	17468	Fri	00159 00212 82071 ... 13318 78334 11004	MFSK-16/20Bd	(AB)
XPA2	25-11	0910	15985	Sat	00605 00089 50281 ... 50189 20967 46716	MFSK-16/20Bd	(AB)
XPA2	25-11	0930	14885	Sat	00605 00089 50281 ... 50189 20967 46716	MFSK-16/20Bd	(AB)
XPA2	25-11	0950	13885	Sat	00605 00089 50281 ... 50189 20967 46716	MFSK-16/20Bd	(AB)
XPA2	25-11	1600	8126	Sat	04012 00175 32775 ... 50111 15706 17754	MFSK-16/20Bd	(AB)
XPA2	25-11	1620	6826	Sat	04012 00175 32775 ... 50111 15706 17754	MFSK-16/20Bd	(AB)
XPA2	25-11	1640	5326	Sat	04012 00175 32775 ... 50111 15706 17754	MFSK-16/20Bd	(AB)
XPA2	26-11	0900	16225	Sun	03481 00095 48619 ... 79632 41221 20266	MFSK-16/20Bd	(AB)
XPA2	26-11	0920	17425	Sun	03481 00095 48619 ... 79632 41221 20266	MFSK-16/20Bd	(AB)
XPA2	26-11	0940	19125	Sun	03481 00095 48619 ... 79632 41221 20266	MFSK-16/20Bd	(AB)
XPA2	26-11	1200	14783	Sun	00501 00076 05261 ... 32816 24997 26047	MFSK-16/20Bd	(AB/MPJ)
XPA2	26-11	1220	13883	Sun	00501 00076 05261 ... 32816 24997 26047	MFSK-16/20Bd	(AB/MPJ)
XPA2	26-11	1240	12183	Sun	00501 00076 05261 ... 32816 24997 26047	MFSK-16/20Bd	(AB/MPJ)
XPA2	27-11	0800	11529	Mon	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB)
XPA2	27-11	0820	13429	Mon	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB)
XPA2	27-11	0840	13929	Mon	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB)
XPA2	27-11	0910	17413	Mon	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)
XPA2	27-11	0930	15852	Mon	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)
XPA2	27-11	0950	13363	Mon	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)
XPA2	27-11	1600	8126	Mon	06538 00001 00000 37661	MFSK-16/20Bd	(AB)
XPA2	27-11	1620	6826	Mon	06538 00001 00000 37661	MFSK-16/20Bd	(AB)
XPA2	27-11	1640	5326	Mon	06538 00001 00000 37661	MFSK-16/20Bd	(AB)
XPA2	28-11	0600	11162	Tue	08954 00093 85046 ... 07208 34738 34713	MFSK-16/20Bd	(AB)
XPA2	28-11	0620	12162	Tue	08954 00093 85046 ... 07208 34738 34713	MFSK-16/20Bd	(AB)
XPA2	28-11	0640	13962	Tue	08954 00093 85046 ... 07208 34738 34713	MFSK-16/20Bd	(AB)
XPA2	28-11	1100	10653	Tue	02481 00121 80187 ... 46974 39694 66062	MFSK-16/20Bd	(AB)
XPA2	28-11	1110	9353	Tue	02481 00121 80187 ... 46974 39694 66062	MFSK-16/20Bd	(AB)
XPA2	28-11	1130	8153	Tue	02481 00121 80187 ... 46974 39694 66062	MFSK-16/20Bd	(AB)
XPA2	28-11	1200	14783	Tue	06274 00001 00000 34265	MFSK-16/20Bd	(AB)
XPA2	28-11	1220	13883	Tue	06274 00001 00000 34265	MFSK-16/20Bd	(AB)
XPA2	28-11	1240	12183	Tue	06274 00001 00000 34265	MFSK-16/20Bd	(AB)
XPA2	28-11	1600	10223	Tue	01052 00001 00000 32256	MFSK-16/20Bd	(AB)
XPA2	28-11	1620	9223	Tue	01052 00001 00000 32256	MFSK-16/20Bd	(AB)
XPA2	28-11	1640	8123	Tue	01052 00001 00000 32256	MFSK-16/20Bd	(AB)
XPA2	29-11	0800	11529	Wed	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB)
XPA2	29-11	0820	13429	Wed	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB)
XPA2	29-11	0840	13929	Wed	00637 00100 49433 ... 27864 89175 70171	MFSK-16/20Bd	(AB)
XPA2	29-11	0910	17413	Wed	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)
XPA2	29-11	0930	15852	Wed	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)
XPA2	29-11	0950	13363	Wed	09126 00090 33762 ... 28105 55906 55104	MFSK-16/20Bd	(AB)
XPA2	29-11	1100	13393	Wed	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	29-11	1120	12193	Wed	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	29-11	1140	11093	Wed	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	29-11	1200	13968	Wed	00394 00074 90690 ... 23989 47207 64052	MFSK-16/20Bd	(AB)
XPA2	29-11	1220	15968	Wed	00394 00074 90690 ... 23989 47207 64052	MFSK-16/20Bd	(AB)
XPA2	29-11	1240	17468	Wed	00394 00074 90690 ... 23989 47207 64052	MFSK-16/20Bd	(AB)
XPA2	30-11	0600	11162	Thu	08954 00093 85046 ... 07208 34738 34713	MFSK-16/20Bd	(AB)

XPA2	30-11	0620	12162	Thu	08954 00093 85046 ... 07208 34738 34713	MFSK-16/20Bd	(AB)
XPA2	30-11	0640	13962	Thu	08954 00093 85046 ... 07208 34738 34713	MFSK-16/20Bd	(AB)
XPA2	30-11	0910	15985	Thu	00605 00089 50281 ... 50189 20967 46716	MFSK-16/20Bd	(AB)
XPA2	30-11	0930	14885	Thu	00605 00089 50281 ... 50189 20967 46716	MFSK-16/20Bd	(AB)
XPA2	30-11	0950	13885	Thu	00605 00089 50281 ... 50189 20967 46716	MFSK-16/20Bd	(AB)
XPA2	30-11	1100	13393	Thu	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	30-11	1120	12193	Thu	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	30-11	1140	11093	Thu	02932 00078 75963 ... 15143 16976 12132	MFSK-16/20Bd	(AB)
XPA2	30-11	1600	10223	Thu	02328 00001 00000 36654	MFSK-16/20Bd	(AB/MPJ)
XPA2	30-11	1620	9223	Thu	02328 00001 00000 36654	MFSK-16/20Bd	(AB/MPJ)
XPA2	30-11	1640	8123	Thu	02328 00001 00000 36654	MFSK-16/20Bd	(AB/MPJ)
XPB1	1-11	1200	16353	Wed	Russian intel.	MFSK-16	(AB)
XPB1	1-11	1200	16353	Wed	MFSK-16 4:29	MFSK-16	(HFD)
XPB1	1-11	1210	15953	Wed	Russian intel.	MFSK-16	(AB)
XPB1	1-11	1210	15953	Wed	MFSK-16	MFSK-16	(HFD)
XPB1	1-11	1220	14953	Wed	Russian intel.	MFSK-16	(AB)
XPB1	1-11	1220	14953	Wed	MFSK-16	MFSK-16	(HFD)
XPB1	1-11	1230	13453	Wed	Russian intel.	MFSK-16	(AB)
XPB1	1-11	1230	13453	Wed	MFSK-16	MFSK-16	(HFD)
XPB1	1-11	1240	12153	Wed	Russian intel.	MFSK-16	(AB)
XPB1	1-11	1240	12153	Wed	MFSK-16	MFSK-16	(HFD)
XPB1	1-11	1250	11453	Wed	Russian intel.	MFSK-16	(AB)
XPB1	1-11	1253	11453	Wed	MFSK-16	MFSK-16	(HFD)
XPB1	3-11	1300	20021	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	3-11	1300	20021	Fri	MFSK-16 4:30	MFSK-16	(HFD)
XPB1	3-11	1310	19521	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	3-11	1310	19521	Fri	MFSK-16	MFSK-16	(HFD)
XPB1	3-11	1320	18421	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	3-11	1320	18421	Fri	MFSK-16	MFSK-16	(HFD)
XPB1	3-11	1330	17421	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	3-11	1330	17421	Fri	MFSK-16	MFSK-16	(HFD)
XPB1	3-11	1340	16321	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	3-11	1340	16321	Fri	MFSK-16	MFSK-16	(HFD)
XPB1	3-11	1350	15921	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	3-11	1350	15921	Fri	MFSK-16	MFSK-16	(HFD)
XPB1	4-11	1100	13894	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-11	1100	13894	Sat	MFSK-16 2:16	MFSK-16	(HFD)
XPB1	4-11	1110	13394	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-11	1110	13394	Sat	MFSK-16	MFSK-16	(HFD)
XPB1	4-11	1120	12194	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-11	1120	12194	Sat	MFSK-16	MFSK-16	(HFD)
XPB1	4-11	1130	11494	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-11	1130	11494	Sat	MFSK-16	MFSK-16	(HFD)
XPB1	4-11	1140	11094	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-11	1140	11094	Sat	MFSK-16	MFSK-16	(HFD)
XPB1	4-11	1150	10494	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-11	1150	10494	Sat	MFSK-16	MFSK-16	(HFD)

XPB1	4-11	1200	16353	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-11	1210	15953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-11	1220	14953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-11	1230	13453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-11	1240	12153	Sat	Russian intel.	MFSK-16	(AB)
XPB1	4-11	1250	11453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-11	0600	13446	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-11	0600	13446	Mon	MFSK-16 4:30	MFSK-16	(HFD)
XPB1	6-11	0610	14446	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-11	0610	14446	Mon	MFSK-16	MFSK-16	(HFD)
XPB1	6-11	0620	14946	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-11	0620	14946	Mon	MFSK-16	MFSK-16	(HFD)
XPB1	6-11	0630	15846	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-11	0630	15846	Mon	MFSK-16	MFSK-16	(HFD)
XPB1	6-11	0640	16146	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-11	0640	16146	Mon	MFSK-16	MFSK-16	(HFD)
XPB1	6-11	0650	17446	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-11	0650	17446	Mon	MFSK-16	MFSK-16	(HFD)
XPB1	6-11	1100	13894	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-11	1110	13394	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-11	1120	12194	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-11	1130	11494	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-11	1140	11094	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6-11	1150	10494	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7-11	0600	13446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-11	0610	14446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-11	0620	14946	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-11	0630	15846	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-11	0640	16146	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-11	0650	17446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-11	1300	20021	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-11	1310	19521	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-11	1320	18421	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-11	1330	17421	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-11	1340	16321	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7-11	1350	15921	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-11	1200	16353	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8-11	1210	15953	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8-11	1220	14953	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8-11	1230	13453	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8-11	1240	12153	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8-11	1250	11453	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10-11	1300	20021	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10-11	1310	19521	Fri	Russian intel.	MFSK-16	(AB)
XPB1	10-11	1320	18421	Fri	Russian intel.	MFSK-16	(AB)
XPB1	10-11	1330	17421	Fri	Russian intel.	MFSK-16	(AB)
XPB1	10-11	1340	16321	Fri	Russian intel.	MFSK-16	(AB)

XPB1	10-11	1350	15921	Fri	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1100	13894	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1110	13394	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1120	12194	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1130	11494	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1140	11094	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1150	10494	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1200	16353	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1210	15953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1220	14953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1230	13453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1240	12153	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11-11	1250	11453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-11	0600	13446	Mon	Russian intel.	MFSK-16	(AB/EW)
XPB1	13-11	0610	14446	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-11	0620	14946	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-11	0630	15846	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-11	0640	16146	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-11	0650	17446	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-11	1100	13894	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-11	1110	13394	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-11	1120	12194	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-11	1130	11494	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-11	1140	11094	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13-11	1150	10494	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-11	0600	13446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-11	0610	14446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-11	0620	14946	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-11	0630	15846	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-11	0640	16146	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-11	0650	17446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-11	1300	20021	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-11	1310	19521	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-11	1320	18421	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-11	1330	17421	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-11	1340	16321	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14-11	1350	15921	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-11	1200	16353	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15-11	1210	15953	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15-11	1220	14953	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15-11	1230	13453	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15-11	1240	12153	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15-11	1250	11453	Wed	Russian intel.	MFSK-16	(AB)
XPB1	17-11	1300	20021	Fri	Russian intel.	MFSK-16	(AB)
XPB1	17-11	1310	19521	Fri	Russian intel.	MFSK-16	(AB)
XPB1	17-11	1320	18421	Fri	Russian intel.	MFSK-16	(AB)
XPB1	17-11	1330	17421	Fri	Russian intel.	MFSK-16	(AB)

XPB1	17-11	1340	16321	Fri	Russian intel.	MFSK-16	(AB)
XPB1	17-11	1350	15921	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1100	13894	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1110	13394	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1120	12194	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1130	11494	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1140	11094	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1150	10494	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1200	16353	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1210	15953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1220	14953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1230	13453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1240	12153	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18-11	1250	11453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	20-11	0600	13446	Mon	Russian intel.	MFSK-16	(AB/EW)
XPB1	20-11	0610	14446	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-11	0620	14946	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-11	0630	15846	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-11	0640	16146	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-11	0650	17446	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-11	1100	13894	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-11	1110	13394	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-11	1120	12194	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-11	1130	11494	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-11	1140	11094	Mon	Russian intel.	MFSK-16	(AB)
XPB1	20-11	1150	10494	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-11	0600	13446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-11	0610	14446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-11	0620	14946	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-11	0630	15846	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-11	0640	16146	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-11	0650	17446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-11	1300	20021	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-11	1310	19521	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-11	1320	18421	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-11	1330	17421	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-11	1340	16321	Tue	Russian intel.	MFSK-16	(AB)
XPB1	21-11	1350	15921	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-11	1200	16353	Wed	Russian intel.	MFSK-16	(AB)
XPB1	22-11	1210	15953	Wed	Russian intel.	MFSK-16	(AB)
XPB1	22-11	1220	14953	Wed	Russian intel.	MFSK-16	(AB)
XPB1	22-11	1230	13453	Wed	Russian intel.	MFSK-16	(AB)
XPB1	22-11	1240	12153	Wed	Russian intel.	MFSK-16	(AB)
XPB1	22-11	1250	11453	Wed	Russian intel.	MFSK-16	(AB)
XPB1	24-11	1300	20021	Fri	Russian intel.	MFSK-16	(AB)
XPB1	24-11	1310	19521	Fri	Russian intel.	MFSK-16	(AB)
XPB1	24-11	1320	18421	Fri	Russian intel.	MFSK-16	(AB)

XPB1	24-11	1330	17421	Fri	Russian intel.	MFSK-16	(AB)
XPB1	24-11	1340	16321	Fri	Russian intel.	MFSK-16	(AB)
XPB1	24-11	1350	15921	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1100	13894	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1110	13394	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1120	12194	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1130	11494	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1140	11094	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1150	10494	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1200	16353	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1210	15953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1220	14953	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1230	13453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1240	12153	Sat	Russian intel.	MFSK-16	(AB)
XPB1	25-11	1250	11453	Sat	Russian intel.	MFSK-16	(AB)
XPB1	27-11	0600	13446	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-11	0610	14446	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-11	0620	14946	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-11	0630	15846	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-11	0640	16146	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-11	0650	17446	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-11	1100	13894	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-11	1110	13394	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-11	1120	12194	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-11	1130	11494	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-11	1140	11094	Mon	Russian intel.	MFSK-16	(AB)
XPB1	27-11	1150	10494	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-11	0600	13446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-11	0610	14446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-11	0620	14946	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-11	0630	15846	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-11	0640	16146	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-11	0650	17446	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-11	1300	20021	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-11	1310	19521	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-11	1320	18421	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-11	1330	17421	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-11	1340	16321	Tue	Russian intel.	MFSK-16	(AB)
XPB1	28-11	1350	15921	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-11	1200	16353	Wed	Russian intel.	MFSK-16	(AB)
XPB1	29-11	1210	15953	Wed	Russian intel.	MFSK-16	(AB)
XPB1	29-11	1220	14953	Wed	Russian intel.	MFSK-16	(AB)
XPB1	29-11	1230	13453	Wed	Russian intel.	MFSK-16	(AB)
XPB1	29-11	1240	12153	Wed	Russian intel.	MFSK-16	(AB)
XPB1	29-11	1250	11453	Wed	Russian intel.	MFSK-16	(AB)

CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-CYP	Ary Boender via remote rx Cyprus
AB-F	Ary Boender via remote rx France
AB-FIN	Ary Boender via remote rx Finland
AB-HNG	Ary Boender via remote rx Hungary
AB-J	Ary Boender via remote rx Japan
AB-KOR	Ary Boender via remote rx South Korea
AB-POL	Ary Boender via remote rx Poland
AB-ROU	Ary Boender via remote rx Romania
AB-RUS	Ary Boender via remote rx Russia
AB-TWN	Ary Boender via remote rx Taiwan
CK	Costas, Southern Europe
Dan	Daniel LU5EMM, Argentina
Dan2	Daniel
EW	Eddy Waters, Australia
F5OIH	Vincent Lecler, France
HFD	Hans-Friedrich Dumrese, Germany
HFD-J	Hans-Friedrich Dumrese via remote rx Japan
HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
HFD-USA	Hans-Friedrich Dumrese via remote rx USA
HK	Hiroyuki Komatsubara, Japan
JPL	JPL, NB, Canada (and various remote rx)
Lac	Lazycrypt
Lazo	Lazo via Priyom
linkz	Linkz, S.E. France
Moon	Moonlight (Dave AU)
MPJ	Jim, SW England
MPJ-AUT	Jim via remote rx Austria
OH8EFI	OH8EFI Finland via Priyom
Priyom	Priyom.org
PY	Pierre Ynard, France and via remote rx
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RO	Rando One, Sweden
SOB	Stig Ombord
sse	ssemkaz via Priyom
Subilo	Subilo
T101	RadiotehnikaT101 via Priyom
Tel	Teletubby via Priyom
TM	Time Machine

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	Russian	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
M14d	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
UM05	Morse	France ?	Loop transmissions. Repeats words, letters or digits for several times. 24/7 operation
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 A U 3 4 5 6 7 D N T
(M89, M95, MC03, etc) 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	Nâm	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

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
F03g	BPSK 50Bd/1000Hz/464 bits
F03h	BPSK 100Bd/1000Hz/512 bits
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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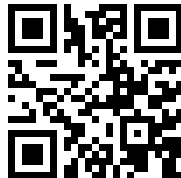
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 - HF UNDERGROUND <http://www.hfunderground.com/board/>
 - PRIYOM <http://priyom.org/>
 - ENIGMA <http://www.signalshed.com/>
- NUMBERS STATIONS SCHEDULES <http://priyom.org/number-stations/station-schedule>

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676 27364 92656 89428 61288 74982 36998 32764 81276 81
986 48932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 76
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 11
791 87364 87265 96718 27638 12673 84769 28743 98127 0
8 63298 75698 27465 87326 49876 28376 81273 98615 86
67 87432 74328 78674 29867 32867 67867 86786 43276 89
67 68768 68763 34234 34238 68768 62342 48273 48768 23
986 98432 32432 86743 43286 43286 43286 43286 43286 43
743 85743 86743 39867 32867 86743 43286 43286 43243 86
751 86743 86743 86743 86743 86743 86743 86743 86743 86
989 98798 98754 98754 98754 98754 29867 67543 67986 86
76 87698 69876 87698 69876 87612 12341 34867 86798 662
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