

27364	92836	89428	81268	74982	86498	82784	81277
40932	70987	32123	49817	26346	81287	65491	87364
75654	55656	12737	72727	72727	91918	63473	67867
87629	37677	32612	53498	71296	28756	18276	98716
76329	74698	76857	98670	27601	56701	57601	73648
87364	87265	96710	27630	12673	84769	28743	98127
63298	75698	27465	87326	49876	28376	81273	98615
87432	74328	78674	29867	32867	67867	86786	43286
68768	68763	34234	34238	68768	62342	48273	48768
98432	32432	86743	43286	43286	43286	43286	43286
86743	86743	39867	32867	86743	43286	43286	43243
86743	86743	86743	86743	86743	86743	86743	86743
98798	98754	98754	98754	98754	29867	67543	67986
87698	69876	87698	69876	87612	12341	34867	86798
43298	65656	56756	56123	32143	14321	32143	14321
58765	58765	58765	58765	76587	58765	76587	58756

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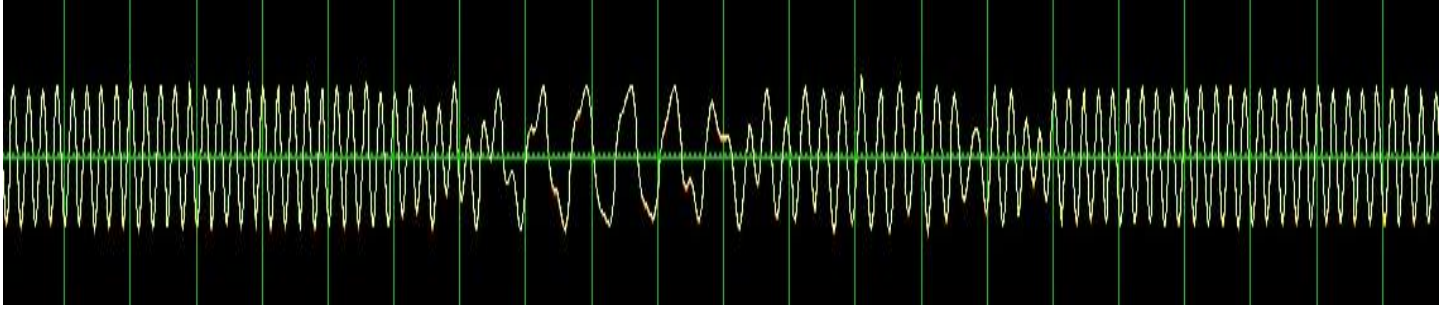
"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

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



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FOREWORD

Due to circumstances, N&O is later than usual. I couldn't listen during a couple of weeks and I am grateful for all the logs and recordings that I received. Many were provided by the Priyom team, especially by PY (tests, F01, F06, etc. and Subilo (M14, UM04, E11, E06, S06). So, THANKS everyone!

N&O features an interesting article written by Přemek Koch. It's about an intelligence "game" between the CIA (numbers station E05) and a Czechoslovak intelligence agency. Thanks for writing it or us, Přemek !!!

VOICE STATIONS

E06

14565/16125 kHz, 04-05, 0500/0600 UTC

14570/16125 kHz, 05-05, 0500/0600 UTC

460 928 51

96115 54483 15684 27631 37512 65622 62793 73258 81272 88009

21059 38343 85924 59658 82486 67546 73037 54513 22240 38914

18947 59785 79082 34806 53204 86980 04268 55126 68462 40058

96084 58766 71466 89153 62223 44221 29856 23312 77173 05290

94442 80650 26814 22821 01673 79413 57416 78427 85950 98331

71209

928 51 00000

14565/16125 kHz, 18-05/19-05, 0500/0600 UTC

460 813 59

10885 95145 29425 05186 28195 01216 65860 60278 80639 10346

56133 85036 22862 70936 93095 72991 43878 09875 95236 11880

33816 09992 12734 07638 72625 97392 82815 54977 51709 93322

07879 21728 64394 10284 54806 39141 26185 97071 98896 15333

10750 62425 60876 14067 12557 31983 10407 66045 72112 18216

34535 04919 24736 08051 94524 45186 58806 97843 19503

813 59 00000

13547/11128 kHz, 06-05, 1300/1330 UTC

14735/12207 kHz, 07-05, 0930/1000 UTC

480 631 42

85415 05660 12561 99127 26660 43262 00411 46085 73746 95785

34200 61430 27548 96964 43742 38222 82233 19822 36036 44229

96640 58228 64164 97053 71641 44441 06586 08875 20979 70370

05853 69226 10439 27337 32993 35938 53868 48569 32626 22126

84886 91515

631 42 00000

13547/11128 kHz, 13-05, 1300/1330 UTC

14735/12207 kHz, 14-05, 0930/1000 UTC

480 716 43

07833 86229 49643 26658 00630 24239 66754 71222 25406 68514

42102 13665 14101 86553 84810 03156 37918 79230 59749 32740

72604 93390 46472 76509 47464 91755 34140 31170 87099 87476

74804 95315 14409 02521 55044 77254 23497 29008 09380 93249

00790 29330 09572

716 43 00000

13547/11128 kHz, 20-05, 1300/1330 UTC

14735/12207 kHz, 21-05, 0930/1000 UTC

480 271 40

18917 65670 07835 69607 17737 44924 20307 49406 37855 77934

68300 25052 87700 01827 19382 93471 31816 00691 33721 03136

60191 55235 55110 92008 10140 45365 59541 89197 92539 64453

29592 99312 05121 16999 77299 80729 51842 18973 30942 57563

271 40 00000

13547/11128 kHz, 27-05, 1300/1330 UTC

14735/12207 kHz, 28-05, 0930/1000 UTC

480 257 40

39941 74423 34229 30007 61753 67546 19795 69197 29868 40529
78430 31192 49124 23068 95405 58261 82515 27048 56151 54890
18027 92425 68208 21206 48133 98220 41359 58310 86475 50996
36804 26660 57159 43347 62853 29344 45434 04714 58814 72797
257 40 00000

Group Count Cycle net

No transmissions on 1, 2, 8 and 9 May due to national holidays

11404/13562 kHz, 15-05/16-05, 0210/0310 UTC

537 269 40

96014 31567 35736 34447 71456 69410 26856 93203 49291 20152
94953 38361 61988 36062 25969 97540 12280 28913 44360 96032
16630 06102 87485 97463 52326 24848 70321 96125 62871 37888
07696 96897 01358 29114 86233 43713 16519 62591 03189 82487
269 40 00000

11404/13571 kHz, 22-05/23-05, 0210/0310 UTC

537 806 41

5____ 15883 94225 39068 93619 66412 97401 46563 83974 56724
12245 90242 14829 98955 91613 70217 40803 11593 29857 42874
42062 61548 66983 10480 16032 41500 69098 92110 75860 80923
77300 36891 60292 14246 42222 65430 84667 54574 86397 50442
87719
806 41 00000

11404 kHz, 29-05/30-05, 0210 UTC

13572 kHz, 29-05, 0310 UTC

13572 kHz, 30-05, 0310 UTC, Not heard

537 196 42

26338 00325 25633 66468 54243 96786 81204 53510 49733 47404
59021 60669 48086 12825 58584 41783 75121 80216 81140 05104
57221 82158 67877 230__ 6_884 78126 51116 06917 74977 59520
23179 69940 69885 64156 52614 27211 _0741 11174 0__8__981_
36927 92290
196 42 00000

14767/12157 kHz, 04-05/05-05, 0300/0400 UTC

361 890 34

39097 71621 72607 68690 26567 36790 84719 96430 80379 77409
25561 89278 87321 23183 97536 03660 26563 30192 57199 78072
44287 72783 68440 67802 70990 48835 22584 14101 11157 46841
67547 58782 59965 48252
890 34 00000

14767/12157 kHz, 11-05/12-05, 0300/0400 UTC

361 247 35

31910 47780 01550 92635 34849 82893 48259 27099 37840 81582
12224 58802 52125 13800 86936 48828 26265 13047 68389 94595
09634 12594 29948 72967 11714 60713 92242 58457 36882 13346
80266 77469 99369 27650 84867
247 35 00000

No transmissions on 18 and 19 May

14767/12157 kHz, 25-05/26-05, 0300/0400 UTC

361 908 37
14209 10011 83144 86539 52734 57652 16248 25679 12131 51176
56701 42785 25270 21998 71899 01466 18366 17089 51167 95690
72961 77633 42793 53692 39179 74037 72796 50557 92422 58210
50118 52944 50739 19082 87932 44378 94994
908 37 00000

Test transmissions

11073 kHz, 10-05, 0710 UTC

352 (R3m25s) 23s silence 2 352 (R1m10s) 147 60
80753 61506 22468 32337 27322 57132 39029 29843 01147 21701
589 (7s silence)
352 (R30s)
57132 39029 29843 01147 21701 58917 13645 37570 68910 10572
00625 69413 79932 60167 98285 92373 99148 34090 35902 14508
50315 43469 05913 56981 09060 90447 14020 98277 92673 60870
61406 79048 53122 33098 07522 09800 84218 57611 86873 48593
78888 871 (20s silence)
352 (R1m20s)
57611 86873 48593 78888 87108 78260 40962 97480 61776 49883
39209 33039 79429 28772 43303 84491 05192 67964
147 60 00000

Full recomposed message:

352 147 60
80753 61506 22468 32337 27322 57132 39029 29843 01147 21701
58917 13645 37570 68910 10572 00625 69413 79932 60167 98285
92373 99148 34090 35902 14508 50315 43469 05913 56981 09060
90447 14020 98277 92673 60870 61406 79048 53122 33098 07522
09800 84218 57611 86873 48593 78888 87108 78260 40962 97480
61776 49883 39209 33039 79429 28772 43303 84491 05192 67964
147 60 00000

10755 kHz, 11-05, 0650 UTC

975 (R4m) 238 60
56564 05408 93464 81005 20244 75412 27579 02401 33189 29260
38821 50557 43358 75374 87446-
[40s silence] 975 (R1m30s) [3s silence] 975 (R40s)
33189 29260
38821 50557 43358
[50s silence] 5 975 (R1m40s)
33189 29260
38821 50557 43358 75374 87446 92446 89101 97965 31789 81141
17784 18892 81307 39790 99425 34614 25119 23040 27550 89189
40711 79335 24427 69234 12512 62529 92895 31801 15014 66256
81965 01099 40139 79491 58359 95001 73522 86738 01216 67280
49418 61287 62113 76489 38896 24973 57620 17457 51036 72873
238 60 00000

Full recomposed message:

975 238 60
56564 05408 93464 81005 20244 75412 27579 02401 33189 29260
38821 50557 43358 75374 87446 92446 89101 97965 31789 81141
17784 18892 81307 39790 99425 34614 25119 23040 27550 89189
40711 79335 24427 69234 12512 62529 92895 31801 15014 66256
81965 01099 40139 79491 58359 95001 73522 86738 01216 67280
49418 61287 62113 76489 38896 24973 57620 17457 51036 72873
238 60 00000

E07

16132/18232/19432 kHz, 1500/1520/1540 UTC

16132/18232/19432 kHz, 02-05/05-05, 1500/1520/1540 UTC

124 124 124 1 5701 97 5701 97
43937 33285 67296 10426 31377 57949 48573 82672 52692 32857
37556 58505 57292 12887 48195 50099 31810 09037 32732 31882
89156 02371 50728 07255 84837 54798 89589 89696 30939 84000
83454 98230 22990 68728 97362 09735 39123 85498 96316 94051
14095 24248 24610 18559 56516 45599 10333 95511 36444 50001
73747 38622 39815 29219 99246 93917 24949 33543 67447 87356
40027 22066 50630 97383 51575 97697 39000 18086 44115 39889
11537 60607 63963 69273 92877 34263 14267 69969 86945 94983
75477 34632 77208 97009 52876 79731 38867 25071 98359 49319
62647 75403 77142 77455 52024 27959 000 000

16132/18232/19432 kHz, 16-0/19-05, 1500/1520/1540 UTC

124 124 124 1 3054 139 3054 139
57797 69060 02838 69690 03097 52580 15239 76687 26932 39866
97097 82971 72842 29093 67976 78144 51831 18749 27295 20130
81572 45740 68261 10596 26195 32747 30636 26000 99176 59873
09349 63545 28705 50788 49500 40546 71510 91219 86811 15144
27960 53528 84982 56905 69800 38627 77864 90777 17595 24669
25596 85026 22351 36950 63038 04582 52548 47025 83030 14083
63854 48157 99285 64806 29058 30165 00250 30975 43166 07791
44342 04565 30618 52764 51008 29478 82809 66638 07023 51831
69412 78049 58831 99265 38019 79247 62469 86593 47935 71436
01066 47513 55312 92633 25010 89992 68636 28489 02695 87324
03747 89926 06717 66922 62174 81725 76503 36984 14647 01440
13567 85923 23287 54919 64324 18676 15206 73200 87728 39909
29177 49790 72493 49202 71110 94340 18425 71802 05467 29385
30916 66500 78786 45376 77488 01479 03842 54628 61955 000 000

15836/14536/13536 kHz, 1410/1430/1450 UTC

15836/14536/13536 kHz, 11-05/13-05, 1410/1430/1450 UTC

157 157 157 1 3502 58 3502 58
32007 66295 62996 96133 37932 80000 88794 74889 94933 26460
94896 11495 73715 91929 34579 06529 51746 18490 20720 22339
70005 65480 89203 94303 45451 69882 16612 93659 13887 30969
52067 71733 09296 53320 41940 52288 05290 68643 94263 07995
40208 83962 39756 37379 25827 25484 05590 67296 32896 51584
36059 13590 53827 88264 30065 33975 10035 52352 000 000

E11a

17378 kHz, 16-05/17-05, 0820 UTC

131/34 Attention
30039 25057 03399 30955 03021 85240 09618 19494 55954 70488
80558 42587 00905 96717 51985 53034 77511 15326 71190 31168
02808 85113 41111 75486 02309 22438 42347 89983 54342 76157
94179 41701 38304 56797
Attention (message repeated) Out

19184 kHz, 02-05/04-05, 0845 UTC

156/30 Attention
80912 23449 28038 84663 66199 13803 49141 55405 83514 06772
55739 26581 89437 36344 02741 25661 52998 96370 60515 53982
92700 42438 35500 62807 08382 68835 29647 94193 67010 39918
Attention (message repeated) Out

16335 kHz, 08-05/12-05, 0830 UTC

184/22 Attention

38155 85629 04680 14609 73578 72804 43095 03705 71459 68655
81199 19526 30482 65341 32099 54254 19416 40807 01022 12188
20587 66545

Attention (message repeated) Out

14940 kHz, 16-05/18-05, 0745 UTC

224/33 Attention

42793 83232 60609 11734 78769 86465 42933 46486 41961 04481
95453 40959 28610 60130 34983 54402 12006 77522 04651 95197
46056 34368 24351 01509 33646 50973 14264 16532 16851 27428
92649 92578 48714

Attention (message repeated) Out

5231 kHz, 23-05/27-05, 1605 UTC

238/38 Attention

76296 89239 16870 98387 56079 97614 27137 15360 17385 28256
59247 91744 68061 64713 70413 38277 01803 08241 87990 25175
01608 73103 19552 87544 91531 29868 26117 10633 74462 05213
64628 43261 35184 90368 75818 62826 01984 56899

Attention (message repeated) Out

14410 kHz, 15-05/21-05, 1745 UTC

245/36 Attention

44832 86325 70055 37949 27584 59989 20595 99061 51617 84215
92439 24880 02789 91725 77555 15517 33935 90113 95079 74573
82379 03876 13802 28086 71683 40897 46683 83080 49530 42854
94884 86792 72124 73905 49429 64529

Attention (message repeated) Out

14972 kHz, 29-05/31-05, 0315 UTC

253/33 Attention

44059 41313 71190 41651 15849 57326 98498 50630 13701 32406
64042 02208 30836 88601 98013 25019 88064 38897 02342 78919
72652 00528 26280 26210 34974 43109 15851 06666 04624 27321
33597 71579 66473

Attention (message repeated) Out

9610 kHz, 15-05, 0745 UTC

10356 kHz, 19-05, 1530 UTC

269/38 Attention

86111 40510 00929 55066 86680 70858 71352 03489 70769 21091
50459 73663 02314 98184 74691 16305 06947 02641 77735 62639
58251 85113 76317 57548 71958 11088 59105 52222 25415 94322
25640 89525 21659 80299 02765 61078 97575 29839

6923 kHz, 24-05/25-05, 0930 UTC

279/39 Attention

93563 25891 81839 47898 69921 47516 40531 74089 71057 04986
19571 93347 42535 06750 19304 62218 13587 83714 46845 01042
55775 63644 26600 79491 22613 91229 56039 29979 74998 00105
32694 62417 97895 83635 09472 11337 03828 28648 63570

Attention (message repeated) Out

12153 kHz, 02-05/05-05, 1000 UTC

306/30 Attention

85129 50290 22054 42344 72366 70864 55532 14842 16967 16322
96904 53530 92957 67373 93947 95846 06286 19793 88367 63417
30421 84395 80304 91837 41312 70083 29652 12948 66760 50849

Attention (message repeated) Out

5737 kHz, 15-05/18-05, 1300 UTC

312/35 Attention

94437 47018 07645 31102 41483 56501 23028 99637 95243 05461
88334 02882 58093 27527 72324 18887 33344 74113 68691 05295
61461 57615 87026 26990 01217 97384 32467 78729 73844 47257
45250 71738 16332 64363 72824
Attention (message repeated) Out

14575 kHz, 23-05/25-05, 1645 UTC

331/39 Attention

58093 61933 35883 52417 21694 93105 60543 82103 10677 98060
20660 54716 84067 43441 50862 59878 91423 26726 75262 04104
63686 04904 60245 24089 81372 48236 51709 68732 54800 43296
44292 09697 69199 48660 19788 58169 95657 08751 74318
Attention (message repeated) Out

15720 kHz, 03-05/05-05, 0745 UTC

344/33 Attention

83891 20761 37382 79901 86821 66220 01025 60299 97120 34839
09122 19816 42913 09122 48033 91273 38107 17878 88274 23146
61047 81463 83221 51830 98092 80962 27345 72907 88766 16810
63709 92642 46552
Attention (message repeated) Out

9150 kHz, 05-05/07-05 0600 UTC

354/32 Attention

58534 37512 89601 84935 97387 62944 24189 69758 95975 05895
07297 14337 38114 98667 67477 57044 19231 57208 30005 73571
77621 50454 88412 45185 67441 78459 40852 76727 24327 79113
55569 53816
Attention (message repeated) Out

5082 kHz, 20-05/21-05, 1530 UTC

360/30 Attention

50937 10976 08501 96184 48277 40106 12103 13121 34678 51092
25173 86687 69379 21219 57853 31278 26288 06521 17561 28599
33710 29624 82961 08169 49063 13890 51689 41715 20297 60404
Attention (message repeated) Out

4783 kHz, 17-05/22-05, 1910 UTC

395/38 Attention

07739 73798 29280 88635 30702 39921 66327 37342 49824 04153
11114 39580 32846 20934 50211 09369 35340 70518 29159 77665
37970 95352 64643 96514 85281 35310 98682 48704 92832 06409
05022 98243 38179 36281 32638 78537 36202 52098
Attention (message repeated) Out

7469 kHz, 15-05, 0450 UTC

8088 kHz, 18-05, 1730 UTC

411/31 Attention

02835 39577 66353 88277 70285 93040 84027 03062 67318 07397
65796 05307 22766 03496 86494 56135 92847 76057 24968 26972
78710 77840 83302 81798 15550 07945 96371 90282 49258 93198
23472
Attention (message repeated) Out

4909 kHz, 25-05/26-05, 0820 UTC

436/35 Attention

21156 93138 38088 16141 25625 68815 24774 71897 29856 40285
00908 61408 22386 03041 01281 49214 28971 65684 22901 82516
49852 39784 27043 83547 05778 76824 12604 01323 82588 12947
31523 37394 46803 93573 99441
Attention (message repeated) Out

6304 kHz, 09-05/10-05, 1205 UTC

466/39 Attention

39712 56125 84204 42435 00901 22440 46098 66053 65787 11801
47865 41510 27435 66825 28169 80074 86138 93960 59234 63409
57813 29208 97419 39077 10082 21607 71276 39147 44261 57792
24859 08834 56895 17616 22281 61079 28395 00641 50395

Attention (message repeated) Out

7377 kHz, 13-05/14-05, 0700 UTC

492/38 Attention

68206 70341 97004 55224 76685 41810 05561 64334 74095 63664
71647 90656 79939 06328 65618 57822 46550 11854 42352 94370
26745 01530 83686 59798 06254 42540 86561 77402 55363 99654
09155 11273 27727 11693 99202 46075 90508 00731

Attention (message repeated) Out

8091 kHz, 02-05/03-05, 0645 UTC

514/30 Attention

62840 67992 56525 00687 56443 45610 23120 53766 74977 30688
81019 71514 67869 68118 31863 57119 69636 11430 29289 56715
60080 20991 80266 60023 88292 97115 93152 23564 85499 39846

Attention (message repeated) Out

5409 kHz, 11-05/14-05, 2000 UTC

521/36 Attention

38841 86743 86085 86724 44048 30880 04856 33603 23450 61356
34671 96593 59021 61583 83869 61357 78592 14724 96594 54144
72325 86845 24465 05098 62888 55776 95367 43166 82171 04244
90892 20716 08902 68333 20265 79606

Attention (message repeated) Out

9052 kHz, 15-05/17-05, 0900 UTC

533/31 Attention

58131 13372 97257 10960 49212 35787 49027 63158 20106 02099
96175 06927 66848 62626 72886 29308 13518 07910 55219 23596
78364 00061 69167 60673 93385 03980 22873 11224 04844 09082
58914

Attention (message repeated) Out

8680 kHz, 02-05/05-05, 0700 UTC

579/31 Attention

34510 28706 37092 45922 43236 51007 75290 52137 08233 67473
40413 20434 04805 68381 81396 96615 13621 59402 72876 13991
65978 51293 78912 44531 27361 99789 67601 87998 90279 34142
81445

Attention (message repeated) Out

9610 kHz, 12-05/14-05, 1910 UTC

617/32 Attention

30981 32399 34847 22595 10493 17961 36201 11624 20866 57074
47447 90056 08302 01772 22671 97081 37783 49915 07262 69547
34719 84806 65520 99321 27500 35669 62754 19872 74422 45365
49125 11215

Attention (message repeated) Out

10429 kHz, 02-05/05-05, 0715 UTC

636/36 Attention

54429 97308 35057 95834 97945 85869 14229 32041 77304 36977
42401 29514 18219 77054 55202 97292 81692 32846 73675 63572
68788 06621 79555 33353 85286 34634 35550 54747 22676 07948
58266 83001 95189 59039 34798 39594

Attention (message repeated) Out

7600 kHz, 22-05/25-05, 1900 UTC

648/33 Attention

06562 18773 92078 49120 17113 27033 89402 33366 08727 09494
80492 22691 60622 36154 12738 70709 84624 77358 67188 00164
08517 14605 86266 94112 91528 42563 83737 02172 77997 55542
82269 87989 25441

Attention (message repeated) Out

12089 kHz, 15-05/17-05, 1045 UTC

690/40 Attention

12576 72982 15621 42338 32589 57465 78140 91731 56572 10447
78541 84401 32109 55060 66525 80165 00181 24851 23801 53879
89840 98335 35166 14189 11719 48668 29527 29302 44450 69033
81965 08544 17960 04888 30070 13837 95974 27799 81183 87103

Attention (message repeated) Out

12815 kHz, 01-05/03-05, 0845 UTC

715/34 Attention

21449 09000 69511 15166 91630 03146 71454 32029 47482 84573
64286 51726 68905 54087 91316 02248 04507 11637 87389 02588
38930 33190 12468 06062 61130 97169 63580 78021 10798 53955
48075 66885 93731 50796

Attention (message repeated) Out

18030 kHz, 29-05/31-05, 0715 UTC

750/39 Attention

59201 76721 75319 33028 82100 07591 18127 56735 50533 25422
45592 31940 69092 72836 09521 60107 79100 26876 46703 15728
05837 50578 11779 09239 59115 74939 46914 73006 32364 11289
08687 58845 18416 64175 92533 21457 81034 36474 51884

Attention (message repeated) Out

12984 kHz, 02-05/06-05, 1430 UTC

914/35 Attention

26422 88750 25531 34673 26446 91537 43710 33482 08424 82545
96476 99260 90321 65287 62867 19720 57150 00032 34033 49438
16382 22448 93954 45700 89696 96866 94722 37849 16262 97368
70661 94691 36789 18805 50874

Attention (message repeated) Out

12229 kHz, 05-05/07-05, 1815 UTC

927/34 Attention

24652 22547 27873 28096 29383 95949 53067 15731 34474 35241
65146 40341 57429 11762 38082 64572 65177 20986 78386 92964
15505 06335 15233 98375 66268 01112 31011 57329 70136 59706
87582 76405 77549 12802

Attention (message repeated) Out

7863 kHz, 10-05/12-05, 1715 UTC

977/36 Attention

30339 79254 69198 17425 35212 68291 96240 73700 15685 93564
33201 72814 10213 89126 73725 70088 05762 00396 42916 42350
59709 00319 51684 49347 08422 30579 64718 43600 22046 89722
39307 03627 96385 23133 47473 28934

Attention (message repeated) Out

10286/8037 kHz, 19-05/20-05, 1900/2000 UTC

637 841 60
02497 85372 91171 53180 26385 90335 65243 71175 32165 92606
70363 34072 88230 05664 03822 18014 59291 94893 49330 66415
42471 07500 35449 76085 95346 13157 05938 43733 00879 20992
07251 42072 63057 96474 94409 20531 01604 78659 61089 43182
62897 87219 47528 40425 96821 25304 93824 06205 92429 19401
64375 33267 56286 94823 33457 95153 68625 50155 74251 32660
841 60 00000

11616 kHz, 01-05, 0400 UTC/9322 kHz, 01-05, 0420 UTC

No transmission. Holiday "May 1 Labor Day"

11616 kHz, 02-05, 0400 UTC/9322 kHz, 02-05, 0420 UTC

480 637 59
81625 74814 33275 05249 74049 40583 00178 29200 36610 45432
74792 04809 80740 63597 88626 66240 35441 05969 00585 05364
21756 61240 46505 38156 78526 93418 70423 79790 31598 56613
42267 51860 23675 13044 91666 70162 46999 65212 12559 86489
46061 38176 18288 82863 82505 72848 51872 41645 79436 16278
81145 39960 87309 19833 33438 41886 38585 81240 49507
637 59 00000

11616 kHz, 03-05, 0400 UTC/9322 kHz, 03-05, 0420 UTC

480 512 63
62000 71487 21340 72644 14217 46461 50334 11594 95547 69529
65225 71210 56434 73054 03583 93120 48934 11918 87835 04590
59936 48378 43314 77453 49562 62805 45674 34014 24426 38737
39915 10860 00448 95677 98156 16520 34896 68106 08382 43910
32373 54093 11319 23505 54394 82001 27658 28459 87284 68677
42783 65535 48050 67594 41220 19070 32938 30365 07965 23398
38348 30080 38911
512 63 00000

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

480 936 54
02817 66167 92991 98478 12851 94895 58629 82642 43533 47542
67537 03140 63588 24634 81907 43651 30069 79674 85433 78584
69673 94472 03744 93965 76959 38957 47190 20148 71635 26389
30695 49772 82122 99931 50325 39425 47580 11503 21303 18422
55565 78846 07128 53150 57531 31765 94490 40429 29345 83457
93690 28302 69011 87879
936 54 00000

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

480 175 62
14004 12896 32721 63179 19733 86712 82258 86104 75292 92901
73811 40152 93253 52885 82326 14291 64638 27608 16706 48906
45731 45342 27563 18328 89517 52632 30704 91991 70191 30574
57266 28881 74159 43613 66458 84977 56001 13045 81832 38367
82789 32420 37030 61725 15243 67021 41938 96847 99121 04617
05194 10913 65323 49664 73970 39183 62100 78168 76992 43806
67847 95361
175 62 00000

11616 kHz, 08-05, 0400 UTC/9322 kHz, 08-05, 0420 UTC

No transmission, Victory Day

11616 kHz, 09-05, 0400 UTC/9322 kHz, 09-05, 0420 UTC

No transmission, Victory Day

11616 kHz, 10-05, 0400 UTC/9322 kHz, 10-05, 0420 UTC

480 293 65
00045 13282 86718 99370 61000 41093 26793 34044 51866 12907
23185 52115 70329 83533 56845 67875 10568 12515 43724 27276
08268 82946 97615 65854 49017 37187 77460 89034 88508 71655
30065 29459 58008 57888 64170 61078 53507 82064 16800 74652
32005 20171 97835 44371 63355 90994 23752 40279 11128 54142
76448 66177 40894 45264 48112 27714 79404 65671 58065 60331
73080 68533 52505 71762 19255
293 65 00000

11616 kHz, 11-05, 0400 UTC/9322 kHz, 11-05, 0420 UTC

480 675 63
65680 07083 15255 46685 05645 79223 14802 24871 29992 23822
30894 64876 97951 54376 92813 97069 56172 53130 31775 52498
09763 70018 94394 23986 96552 37720 36729 30072 75515 57523
72314 48960 65285 35665 72649 14683 93716 74858 43557 92655
44403 50675 25861 76813 11124 27483 93815 75522 96118 93619
49732 78435 13169 20495 38229 21508 81380 75301 28549 92337
20644 42031 38381
675 63 00000

11616 kHz, 12-05, 0400 UTC/9322 kHz, 12-05, 0420 UTC

480 312 54
03611 66073 70192 12828 76275 70186 74696 54945 84348 95541
14209 55154 93451 55471 56536 33228 81138 06181 99874 40959
85452 08269 74144 37595 25840 50060 51408 10677 51120 06191
32564 78234 94190 29892 02484 33261 38156 02392 70808 16412
23579 87894 40565 27866 51519 67558 71814 14280 62070 50913
32492 91780 93071 88160
312 54 00000

11616 kHz, 15-05, 0400 UTC/9322 kHz, 15-05, 0420 UTC

480 967 53
11581 39462 60233 80496 36815 83307 14615 62069 62441 47417
50878 01171 42881 54256 08186 02775 23780 10941 91523 13849
25209 18970 89121 54234 14800 33668 38417 90195 94264 90521
26488 80339 47727 40598 35897 48582 25314 62235 71879 63857
60430 41186 31824 31243 44168 36406 02969 24210 05284 73677
99260 12667 69172
967 53 00000

11616 kHz, 16-05, 0400 UTC/9322 kHz, 16-05, 0420 UTC

480 531 64
25870 22293 59287 90159 56576 86650 40564 20850 65823 83258
32420 08863 72914 70535 11390 34123 38668 33591 83175 00896
38205 91960 40063 18625 33851 07828 20773 94962 09061 99420
96204 58203 49322 89270 29484 51295 80967 42026 83770 64618
03836 71501 76254 99731 78714 21653 01786 81250 55510 51164
74566 59062 53074 76340 61346 68063 26630 51981 04562 37604
83730 94939 58854 67817
531 64 00000

11616 kHz, 17-05, 0400 UTC/9322 kHz, 17-05, 0420 UTC

480 296 53
70940 97880 66051 56288 89667 68938 59127 64021 07190 86293
71855 43662 16549 44618 99938 60421 52265 33876 54984 56289
19093 26838 20842 25496 38059 53026 42078 50612 95723 88776
93010 41485 07604 18088 00750 44189 31689 43977 20682 12191
93001 54996 87827 56902 05115 76619 92522 19817 99600 62179
53847 33420 99306
296 53 00000

11616 kHz, 18-05, 0400 UTC/9322 kHz, 18-05, 0420 UTC

480 751 63
08404 98138 05093 30629 33821 60855 44007 87692 10811 00169
92388 88550 09362 61801 32719 90017 10599 11598 70379 74735
81405 27420 86840 85876 91735 04413 59753 96336 04273 22087
92114 23321 91150 46656 17706 24285 57410 67067 74988 35169
75880 88159 66645 36839 63170 29385 46949 60696 51468 02542
04159 69391 35826 66940 30111 73556 01616 85450 94219 70526
61853 29874 64048
751 63 00000

11616 kHz, 19-05, 0400 UTC. No transmission. Only several short-term broadcast of a carrier.

9322 kHz, 19-05, 0420 UTC

480 329 56
08596 89158 54850 74374 35747 28486 82119 27848 08564 18920
61664 40469 36294 31395 46568 44723 91704 56373 97323 58971
21054 72493 18814 41096 56128 25467 48561 98515 08002 15673
88438 15462 47240 17879 97017 83502 00201 81523 84753 46205
16143 85012 79192 93908 84825 42446 52380 69527 09279 86234
27666 71332 63438 74022 08093 63631
329 56 00000

11616 kHz, 22-05, 0400 UTC/9322 kHz, 22-05, 0420 UTC

480 765 59
82256 59462 72165 18980 44182 24025 08232 58446 01550 32811
70784 08774 63161 01582 72402 76670 56677 14222 35410 63295
10521 01004 26961 58389 18299 29447 57098 49355 77931 68723
44499 68707 22677 13520 79574 28350 86240 78327 39630 14093
69145 98062 35754 38879 98567 95987 96139 78119 98814 04841
15517 35613 14632 52138 25383 13458 54534 45565 64728
765 59 00000

11616 kHz, 23-05, 0400 UTC/9322 kHz, 23-05, 0420 UTC

480 132 65
73494 81172 16618 62255 73144 69349 25390 36875 56578 20919
68829 49901 40214 28407 36690 60725 49110 32596 85390 89013
44463 28812 13228 09528 91459 74886 43891 88443 34626 36696
97965 59615 72903 32259 57109 64221 51605 60286 50595 02218
13462 24152 18906 69055 75934 87210 34061 76081 26985 20397
81376 78073 56488 28051 52334 56336 65486 62903 63249 30811
20444 66153 99435 99611 44732
132 65 00000

11616 kHz, 24-05, 0400 UTC/9322 kHz, 24-05, 0420 UTC

480 965 70
50232 32847 55078 80812 51245 81571 95807 64027 35353 93350
66293 51258 29794 78382 62519 22403 08940 57912 12670 03125
99805 35546 52414 35031 01721 39351 54201 15884 56099 14457
08988 02005 27243 70828 83849 90082 80119 15896 03914 20564
66051 26749 32033 69805 52244 41553 44665 23188 56117 74906
27370 46380 70337 86799 38378 96924 89523 59882 13668 43348
74551 64715 11971 83980 15387 17697 23171 82666 78389 61358
965 70 00000

11616 kHz, 25-05, 0400 UTC/9322 kHz, 25-05, 0420 UTC

480 712 54
31828 77464 68049 78523 71300 25514 14770 09639 40124 64304
24177 44400 04806 03298 03223 90782 46296 27693 55122 25973
31079 47614 94048 13582 15947 15758 02106 32271 09915 30678
14530 45502 41687 67915 44047 67080 06144 06131 80333 02187
88251 40459 25500 68592 87871 00251 51566 27727 93867 13396
90827 80304 80977 84417
712 54 00000

11616 kHz, 26-05, 0400 UTC/9322 kHz, 26-05, 0420 UTC

480 935 61
34811 95372 81653 12278 95788 61807 41775 53689 12237 17864
25415 60055 41846 39474 24607 28441 29391 22745 56101 98620
28888 88522 52906 54558 29766 06966 55934 26381 85468 34338
66683 97526 67943 79180 46886 46753 96444 40080 76074 79699
14087 82201 02987 29687 10598 44771 51765 32445 14687 96714
68875 04444 04498 82625 21678 79543 09548 26241 84610 83613
02621
935 61 00000

11616 kHz, 29-05, 0400 UTC/9322 kHz, 29-05, 0420 UTC

480 761 58
62929 03426 19239 61982 04057 31151 49869 82860 85664 18154
44039 71266 24347 39261 10235 16372 74744 86509 77752 85250
50078 90523 97352 94856 25971 58404 24434 96677 07268 26553
76913 34856 62522 51874 84997 63823 55853 89799 75041 36326
30848 32565 54673 97802 26208 06170 91377 48054 27818 49481
01722 56123 86924 23888 93414 39344 59124 26973
761 58 00000

11616 kHz, 30-05, 0400 UTC/9322 kHz, 30-05, 0420 UTC

480 359 60
12866 56725 77026 23330 02692 82973 48062 48479 33248 34720
76131 08066 90183 28369 59050 45153 33707 64448 71900 72337
87715 42012 82772 69205 20820 32507 65868 66604 61451 24055
66656 91167 14233 72081 98764 68529 69818 17229 77299 08674
25367 56497 18280 21845 57850 78532 58869 38460 17386 99029
78095 31471 32768 57156 22750 64599 46403 58957 68149 14886
359 60 00000

11616 kHz, 31-05, 0400 UTC/9322 kHz, 31-05, 0420 UTC

480 216 53
36515 47805 58092 39478 24988 14615 43959 75862 81898 72848
97171 20408 38367 30419 93890 11911 53279 81346 77143 05125
73538 00749 00516 32996 63941 87971 12571 72495 55120 00056
92926 68760 82988 42725 15932 97221 18134 11075 22879 68406
08581 97156 28679 05107 84377 06656 73967 46596 97430 51819
58536 59584 95038
216 53 00000

Test transmissions

11073 kHz, 03-05, 1500 UTC

2 352 (R4m) 978 60
27095 70556 17826 01680 71887 69630 76948 56967 51294 04451
54724 37960 85465 64608 18327 51588 39400 01831 831 35059 (15s silence)
352 (R1m20s)
64608 18327 51588 39400 01831 35059 52705 54043 29218 87291
12516 57169 19406 82027 60146 39986 31342 (15s silence)
352 R1m20s
52 352 (R1m05s)
82455 48908 58887 11258 79941 54811 97874 39011 10043 98226
60626 86906 49019 34635 70518 76683 04851 75400 16668 90424
45458 22602 96847 28883 09047 14511
978 60 00 8s silence
352 (R20s) (7s silence)
352 (R1m)
45458 22602 96847 28883 09047 14511
978 60 00000

It seems that part of the message was skipped during a restart.

Recomposed message:

352 978 60
27095 70556 17826 01680 71887 69630 76948 56967 51294 04451
54724 37960 85465 64608 18327 51588 39400 01831 35059 52705
54043 29218 87291 12516 57169 19406 82027 60146 39986 31342
_____ 82455 48908 58887 11258 79941 54811
97874 39011 10043 98226 60626 86906 49019 34635 70518 76683
04851 75400 16668 90424 45458 22602 96847 28883 09047 14511
978 60 00000

9463 kHz, 04-05, 1259 UTC

8 (30s silence) 801 (R4m) 369 52
66760 61889 30490 24702 09055 08548 75925 93742 69355 14330
70284 13018 04188 86164 44683 95397 39412 35847 45560 85456
34789 21625 36406 36858 14661 20370 52324 53900 19440 03734
74608 33159 57572 16764 17527 66171 (55s silence)
801 (R1m25s)
33159 57572 16764 17527 66171 62690 82384 44505 89084
85623 80201 55888 92017
2s silence 801 (R2m30s)
44505 89084
85623 80201 55888 90217 (group corrected) 75956 73055 15472 11476 32830 7
25s silence 801 (R2m30s)
73055 15472 11476 32830 89774 (group corrected)
07992 04540
369 52 00000

Full recomposed message:

801 369 52
66760 61889 30490 24702 09055 08548 75925 93742 69355 14330
70284 13018 04188 86164 44683 95397 39412 35847 45560 85456
34789 21625 36406 36858 14661 20370 52324 53900 19440 03734
74608 33159 57572 16764 17527 66171 62690 82384 44505 89084
85623 80201 55888 90217 75956 73055 15472 11476 32830 89774
07992 04540
369 52 00000

11073 kHz, 23-05, 1300 UTC

352 (R4m) 719 60
14518 71173 85896 04
[30s silence] 352 (R1m10s) 719 60
14518 71173 85896 04261 82435 43214 12171 85044 28632 61657
22057 24669 87019 01308 90815 80674 26432 86982 20737 30488
38955 78883 86728 93166 17406 03768 10928 96161 57915 11605-
[7s silence] 352 (R2m) 352 352 (R1m)
03768 10928 96161 57915 11685 (group corrected)
64741 79300 48547 62412 21771 53144 29885 72954 10055 53945
38535 77992 37056 62364 69470 85767 85853 78144 18166 32415
05955 67935 88450 64994 47174 28447 77028 07811 10022 32118
719 60 0
[32s silence] 352 (R1m)
47174 28447 77028 07811 10022 32118
719 60 00000

Full recomposed message:

352 719 60
14518 71173 85896 04261 82435 43214 12171 85044 28632 61657
22057 24669 87019 01308 90815 80674 26432 86982 20737 30488
38955 78883 86728 93166 17406 03768 10928 96161 57915 11685
64741 79300 48547 62412 21771 53144 29885 72954 10055 53945
38535 77992 37056 62364 69470 85767 85853 78144 18166 32415
05955 67935 88450 64994 47174 28447 77028 07811 10022 32118
719 60 00000

12457 kHz, 03-05/06-05, 1850 UTC

285/35 Vnimanije

68409 22275 02071 33035 57821 41195 21041 72206 03126 01599
16816 69118 90434 91800 48138 13658 74921 85708 44165 49279
37924 78135 72964 95679 12617 35277 95281 79746 07983 96900
92570 57143 83069 98244 79212

Vnimanije (message repeated) Konets

5149 kHz, 20-05/21-05, 0830 UTC

373/31 Vnimanije

50736 25657 69142 43817 47303 81234 96103 49970 08289 69926
90241 36568 20343 93350 09014 70354 61717 34146 68454 64530
76403 93337 22768 95285 13870 33363 42415 47265 54538 01421
82545

Vnimanije (message repeated) Konets

9448 kHz, 02-05/05-05, 1400 UTC

424/35 Vnimanije

73260 05549 23407 55862 33410 01051 65969 89254 75507 76652
97524 56190 44693 64367 69761 15323 72570 55316 24574 93504
66105 43433 41914 22731 50251 08094 30800 58467 35311 13613
08753 32415 30676 19936 53868

9339 kHz, 22-05/25-05, 0700 UTC

478/31 Vnimanije

45232 00484 23374 86768 37721 45646 29710 64795 14902 07729
47176 24146 11534 86410 66995 57647 39041 48201 46777 27293
11482 20759 48640 11461 62016 63164 23492 84807 23425 89350
00803

Vnimanije (message repeated) Konets

6814 kHz, 01-05/05-05, 0915 UTC

480/40 Vnimanije

90059 35021 69116 61082 74766 65652 45567 49565 62898 25277
76710 19792 88190 15214 04924 06024 18770 32652 17968 81214
78519 62569 84292 30936 08373 67885 48054 51891 71587 33268
84809 07147 05365 85663 71495 04331 24211 47189 16745 19976

Vnimanije (message repeated) Konets

13537 kHz, 08-05/10-05, 0510 UTC

651/33 Vnimanije

78123 72800 58152 43680 29215 08085 20627 56320 00483 85388
51622 61507 00529 11590 13870 54735 55606 07237 05087 88058
81606 00856 79069 76342 38119 02622 75195 01164 99996 67744
62301 13854 69131

Vnimanije (message repeated) Konets

9968 kHz, 02-05/04-05, 0445 UTC

797/31 Vnimanije

71077 36790 83483 20529 77910 31325 62135 12972 29647 11435
95952 83670 39086 15046 19568 86319 22316 33930 71814 14531
56474 63604 70867 79143 66931 12251 30687 82325 42164 09392
97070

Vnimanije (message repeated) Konets

S25

16156 kHz, 12-05, 0648-0651 UTC

097 82699
097 93089 94269 94899
11111
00000

V07

14469/13369/12169 kHz, 14-05, 0700/0720/0740 UTC

431 431 431 1 8099 62 8099 62
56729 49461 22771 18711 57967 54367 34564 68709 73782 92552
52336 68748 90622 13511 89808 39455 34502 66030 90974 65043
62016 75961 94036 85169 76017 84578 08918 82244 64088 41039
00287 43890 35124 36037 49957 98465 33957 58887 11225 07734
59589 19365 81390 69610 47809 39207 72586 73762 11457 22919
95916 47106 90991 54624 68669 92974 35496 75628 67880 87450
66590 77025 000 000

14469 kHz, 21-05, 0700 UTC

431 431 431 1 1106 84 1106 84
69563 95744 04696 05182 43080 94249 11744 44089 82151 76342
56386 16053 72534 05318 69031 99783 72951 48009 65919 68009
27687 24934 67717 84780 65175 66888 33948 88558 65341 10443
41937 33188 58860 78781 53970 17885 42991 82269 21025 93246
07082 79901 43460 00057 08015 17788 48154 86318 58564 12015
60437 17186 67235 90201 72920 46900 73862 83801 54770 09364
66565 54853 81245 43717 01221 27193 97651 32936 15937 08422
01235 45557 03820 00672 29388 73986 21311 46887 03634 37448
84217 07159 04249 55762 000 000

14469 kHz, 28-05, 0700 UTC

431 431 431 1 657 112 657 112
70597 95534 99296 66529 83247 51846 18079 70290 19873 73801
37527 44013 05912 18256 79510 53852 22171 24700 23463 82679
96928 39066 95500 84000 33385 21441 63587 91848 86030 13998
63941 34379 01196 30885 46735 57249 83649 57971 57680 93546
44198 69308 09427 81885 73612 07943 85906 84573 34052 34222
72114 98912 75460 44343 50508 15399 55601 54358 56932 24299
21222 87783 90610 68065 42772 98124 07669 15115 55246 62741
50908 07001 29299 56257 24109 09879 23948 57438 06951 58115
40852 64947 08851 35528 53414 09566 19665 87982 77129 32846
39926 64439 17168 90284 33071 44072 11816 89469 62390 48943
54102 13275 43566 38743 81529 36715 15056 78033 44283 54829
10585 68901 000 000

MORSE STATIONS

M01

5280 kHz, 02-05, 1800 UTC

463 645 645 30 30 = =
67834 65543 67834 21389 42378 34589 76534 80921 65478 23478
56743 79845 678436743 854894789349 67832 67834 56754 567689676580940
67834 67894 67854 79834 67854 67845 67823 78923 781 782 8934 834
= = 6464 000

4903 kHz, 02-05, 2000 UTC

463 720 720 30 30 = =
79843 34578 64590 54378 35489 67590 42378 65489 34278 56489
78956 78956 78956 80967 97845 678457413267 26 8056 0 9845
9778967776789679 56454 67823 67836754 678468745 68745 7568
4556 4667856656796798
= = 720 720 30 30 000

5280 kHz, 04-05, 1800 UTC

025 322 322 30 30 = =
27032 18094 78604 18402 78501 29503 5739x 40681 58042 60602
26082 01042 60481 40371 90850 47190 40671 57109 58390 19502
13094 14031 69301 68290 38109 50380 48105 39801 70510 27013
= = 322 322 30 30 000

4903 kHz, 04-05, 2000 UTC

025 576 576 30 30 = =
07032 01042 26082 21022 28091 23111 27110 08052 04052 09032
25052 11042 11113 13094 18094 09041 12032 17013 20121 22121
11032 50805 03035 29111 07112 21062 22063 22062 24062 23072
= = 576 576 30 30 000

5280 kHz, 09-05, 1800 UTC. Error in red

025 904 904 30 30 = =
46576 **465776** 48789 09009 88798 46534 57677 24343 10988 57645 38767
44776 49878 25434 10900 48756 49898 25544 37656 13243 46566
56765 47676 36655 10989 47656 22331 40098 47590 18767 38767
= = 904 904 30 30 000

5280 kHz, 11-05, 1800 UTC

025 745 745 30 30 = =
24315 84980 35346 29288 33679 01119 73354 x8887 01165 28767
81115 28787 43452 01234 98765 09809 25643 82767 90122 73335
82765 25678 08765 27272 22987 03039 36533 83787 22776 33554
= = 745 745 30 30 000

4903 kHz, 11-05, 2000 UTC

025 823 823 30 30 = =
17387 48374 47297 74653 09700 12342 43321 98766 90998 65676
53436 83790 23114 36527 02776 18876 10190 33654 90988 41112
52425 84746 26772 91177 21478 92766 22878 92726 91187 25252
= = 823 823 30 30 000

M12

20282/19482/18382 kHz, 1400/1420/1440 UTC

20282/19482/18382 kHz, 01-05/04-05, 1400/1420/1440 UTC

243 243 243 1 219 35 219 35
44540 25041 07131 88031 64213 61320 03809 64284 35727 54596
34987 01451 84724 13491 39908 37820 95391 73722 16466 16879
12883 37461 41659 24189 14396 88373 28980 98391 71330 13521
82377 65226 48090 33619 28101 000 000

20282/19482/18382 kHz, 15-05/18-05, 1400/1420/1440 UTC

243 243 203 1 1016 70 1016 70
94287 66465 80053 30904 61707 16641 56631 46265 38659 78773
23243 15630 69832 18843 03668 24022 71307 83062 57202 44966
17277 05220 92335 05108 64460 83398 87840 40038 89548 45477
60228 08299 67892 89881 84012 41700 58292 31716 62501 48165
94920 59052 22077 85017 12420 66652 07616 43444 62813 23648
96139 05625 61105 33161 12647 76416 06346 65640 32707 18793
30347 08693 21967 71609 86246 45308 73916 06395 61067 02936
000 000

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

13386/12189/11491 kHz, 04-05, 1110/1130/1150 UTC

725 725 725 1 6727 90 6727 90
45781 03785 44106 64696 15068 85619 38054 38476 96774 33733
33799 94002 36681 53563 70837 47315 49276 01165 88342 29858
97106 24414 11858 44921 41914 96405 49735 78203 56914 69867
70544 7E956 59360 14590 61885 82877 97837 43387 98638 53312
24950 61786 59187 71986 70611 75400 59754 58221 26522 97860
43454 27742 07681 62631 99773 15391 06706 14102 81890 59715
60551 56613 63822 39629 10602 80768 28235 01281 57076 42576
52524 53423 48920 71471 27703 30937 54903 93999 66956 78868
37854 84490 54047 99991 41575 57240 52254 75354 49093 16477
000 000

13386/12189/11491 kHz, 11-05, 1110/1130/1150 UTC

725 725 725 1 2089 92 2089 92
26807 14783 90246 48264 74721 62424 08121 38935 35642 81121
57395 88691 99532 08023 59810 17392 41219 34163 52925 40312
90895 68293 05666 77449 56388 39656 14273 32352 41223 95267
66816 37901 62722 62932 54815 33058 76979 55010 63246 24006
76942 27762 96423 92926 12735 12452 93081 17556 77380 98906
95735 48680 03132 66512 27459 38826 32393 35626 21646 36054
22874 21142 60327 80208 00240 10995 68273 03640 23200 27467
33963 29363 21285 77697 43706 77248 45212 38640 00917 11442
40593 95906 57988 78052 91196 44624 62713 30282 79584 21120
20823 39629 000 000

13386/12189/11491 kHz, 18-05, 1110/1130/1150 UTC

725 725 725 1 6537 92 6537 92
51151 85008 29625 08319 47719 04059 16535 19901 45477 47363
86217 73961 35517 64363 18294 92944 21311 43357 79398 89300
04622 93268 54518 21392 20795 25315 98834 84191 10772 33106
76387 06779 30109 65270 70470 22072 84258 35054 17398 09675
71408 61575 76940 98526 15629 06490 26214 79261 19206 47888
23414 14108 07673 03703 95905 13664 27507 82173 38171 33576
00859 64362 88566 22504 82079 14181 88904 19910 48544 43419
17427 79157 12443 09524 32390 97525 80090 03626 27338 13004
57266 94528 04909 12543 62262 58918 56489 07331 68445 87246
88677 34630 000 000

10843/10243/9243 kHz, 2100/2120/2140 UTC

10843/10243/9243 kHz, 05-05/06-05, 2100/2120/2140 UTC

822 822 822 1 820 124 820 124
82018 75628 82626 98375 57004 85808 65882 14935 55561 92482
78761 93855 29524 14698 49731 88834 03379 31213 11387 87859
96997 93634 82087 49898 74467 12355 81925 81428 39552 78470
24136 45053 35979 90782 43700 17283 92312 24775 30562 02550
43143 78762 95120 17929 89234 76322 55755 31423 97864 30841
85190 97487 47578 00580 02988 68975 61532 34296 44445 89399
41142 56144 28831 54176 15935 96066 10462 97806 91348 29776

98669 08697 75685 80817 10584 67624 17354 96032 41239 43134
25796 79521 28793 29379 87481 81908 27853 95214 75367 52032
70101 52945 72786 74498 87992 82734 51375 81899 35381 36923
86651 52725 18792 66089 81664 74529 73497 64424 47626 11823
56991 70875 13366 07097 60696 63050 24222 60498 68444 98723
43066 52772 76215 74770 000 000

10843/10243/9243 kHz, 12-05/13-05, 2100/2120/2140 UTC

822 822 822 1 1127 186 1127 186
90659 19789 09867 96859 32038 11335 77653 34872 03642 75928
56078 95868 72818 54281 40038 45112 51447 46929 55295 23889
77477 28379 27085 92624 64471 65701 7E809 18885 39897 01975
93015 32432 51148 26150 73561 48107 57795 01317 45885 10606
59894 57216 36592 67100 59243 43839 38880 95310 38990 32492
30557 59440 30307 87825 76071 90650 29319 43435 34616 24024
48287 57476 66926 90420 94783 95523 90493 77494 85053 91037
48538 26130 68836 80753 21996 83125 73130 17509 75390 67782
74124 96870 25292 07530 55888 99843 57000 79469 38361 88414
64825 64220 77688 65051 88132 78087 00232 60159 95562 60646
75956 93473 13947 97536 09106 78260 35115 20025 58769 17066
70864 31679 72360 72802 01157 64775 53051 89239 36353 20103
35807 42591 27265 81758 12358 94632 30260 19579 68355 40440
26870 15652 66103 48765 98140 35693 24072 86722 88185 77220
19803 05278 58967 53669 26156 00652 62566 16672 79307 49230
54794 91165 85907 47878 93181 77891 43630 15492 04994 61043
49542 18036 26570 79778 91664 23165 99784 05822 60976 10530
01878 01469 72414 08153 23178 37265 60482 53484 50656 81619
14327 33312 07927 00515 47115 14743 000 000

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

11435/10598/9327 kHz, 06-05, 1800/1820/1840 UTC

938 938 938 1 3314 72 3314 72
62265 82743 07903 61766 21071 65055 64894 54401 11681 76318
91469 51449 32187 59067 27754 14253 91976 50199 49918 99816
86636 13818 19809 13421 57073 28665 16195 24514 11007 40816
65590 05903 37267 58947 67280 47098 10509 60195 65571 39332
61340 82786 35012 32160 46090 12566 53662 96190 42321 04358
17727 91338 66010 99392 60256 23779 69085 86382 82704 71122
11321 05153 64642 76262 35574 33119 01557 55774 35836 36387
09599 65677 000 000

13926/13426/11526 kHz, 2000/2020/2040 UTC

13926/13426/11526 kHz, 08-05/12-05, 2000/2020/2040 UTC

573 573 573 1 519 99 519 99
03052 11970 05866 45354 48824 61683 70036 41896 66548 20969
29964 11982 45876 95100 54452 21423 10809 86364 55486 89449
96087 52815 22451 72786 05439 90570 87617 13930 43568 66985
64680 47957 83816 92171 07474 48046 12886 89161 67143 29484
67705 58951 08013 64130 00108 70879 64399 16773 18111 75929
76293 12450 67653 09725 97546 74287 18357 07379 97835 30774
24144 71668 83846 44536 75658 47059 94079 67982 00126 19397
07017 46992 65681 47787 43967 96715 08157 98041 26248 57311
48225 35345 72795 70024 50692 76413 18845 70722 84204 04640
20739 56023 14972 18288 23914 93455 13778 64946 80927 000 000

8161/9161/10561 kHz, 0030/0050/0110 UTC

8161/9161/10561 kHz, 09-05/12-05, 0030/0050/0110 UTC
115 115 115 1 350 37 350 37
83189 59906 36379 25363 97672 56287 11513 77177 07496 09854
87159 72404 79455 90859 93859 20292 88024 09522 61597 41309
29907 67796 45872 57948 78215 00871 19430 54490 63319 96687
95878 33157 24694 81264 51729 24910 78554 000 000

10348/11548/12148 kHz, 0600/0620/0640 UTC

10348/11548/12148 kHz, 10-05/13-05, 0600/0620/0640 UTC
351 351 351 1 410 88 410 88
47092 82037 48583 31711 43662 15306 66061 05077 85993 52822
63807 05163 80250 75570 60176 38777 09239 41288 53888 34145
15696 64954 46450 58478 17305 72527 77416 86104 42703 66006
59883 92955 09805 42700 88223 14956 38931 96937 70903 29845
58160 83035 95409 02243 28429 15272 50301 13169 00475 87981
83340 62439 14202 35191 15311 39624 37863 22008 89524 10175
50331 23943 99321 25071 73683 40359 43089 84040 96493 10932
54680 98320 56347 95320 78409 90019 72562 98483 45707 09439
84903 36236 88788 07809 84105 82419 85563 13067 000 000

10348/11548/12148 kHz, 24-05, 0600/0620/0640 UTC
03828 00116 05254 31382 93302 14620 89390 70167 79089 34942
21017 11154 20745 85888 52057 47815 57185 31902 89366 20000
14961 35340 97657 10799 38236 02221 62477 13154 29250 86165
33304 88299 97756 55789 18714 62677 80963 69385 82579 90152
91075 58103 03362 13122 55469 24876 16061 84161 78109 90163
15380 08375 84299 72558 30283 24101 27504 98794 83721 22197
15074 38761 85801 56006 23421 29146 74367 74316 22916 85936
50031 82263 15508 59121 46867 16339 63045 91276 77018 58124
87035 63195 29343 09728 62053 62943 83504 97023 32026 91892
54098 05717 41952 48871 23904 19481 05742 31664 92650 92241
67944 30118 07683 16734 84035 76515 83527 48529 17127 98447
88425 54780 11069 15706 32997 94849 37504 59363 14614

16113/15813/14813 kHz, 1600/1620/1640 UTC

16113/15813/14813 kHz, 10-05/14-05, 1600/1620/1640 UTC
188 188 188 1 4622 51 4622 51
91867 10312 30283 53594 23658 53890 78490 38317 21557 65126
05264 11306 68806 96055 34971 05008 29482 40103 58795 12491
57515 59933 16204 90385 26175 47958 21895 95526 16603 91066
87002 35296 75044 35138 65573 57610 32189 79292 02386 87528
56155 19932 62589 73432 01203 40004 21838 42593 58242 04217
36338 000 000

16113/15813/14813 kHz, 17-05/21-05, 1600/1620/1640 UTC
188 188 188 1 154 66 154 66
18885 99404 55060 49111 18489 93364 66065 30947 81090 26966
10593 02318 78183 02471 26847 09579 69486 28047 68495 72903
69382 39046 48238 38802 09807 28591 83280 82853 48534 30837
74049 69557 31795 75930 04538 66945 34976 61340 30246 20980
58185 80996 97415 82221 40336 38553 45493 52557 48962 43693
69175 32055 12644 22155 36118 80117 91729 11256 19978 77150
86954 44068 19778 96972 36946 42270 000 000

15936/14736/13536 kHz, 1900/1920/1940 UTC

15936/14736/13536 kHz, 17-05/19-06, 1900/1920/1940 UTC

975 975 975 1 602 104 602 104
44583 14541 20518 36034 10601 06706 80783 02164 74003 03122
17612 16627 97672 61365 28861 43525 43479 43926 87763 71607
86252 82868 88022 69472 41464 11817 57229 15687 02737 65005
70920 02397 68975 96162 46514 48932 72365 16267 17246 07229
42861 21924 34824 30441 78875 22724 50130 38773 45033 45064
48846 56938 21324 90422 69616 61878 95476 71967 21953 30821
68541 70311 80290 77463 89236 44598 52868 65901 63172 51203
51762 46720 21223 47622 80572 07503 17701 63072 59353 70282
78832 23304 63878 67556 89676 10407 52710 15439 86031 94295
07969 36692 15532 83433 34583 94627 92990 29913 00421 08539
96803 43236 72295 89519 000 000

10347/1154712147 kHz, 0600/0620/0640 UTC

10347/1154712147 kHz, 10-05, 0600/0620/0640 UTC

351 351 351 1 410 88 410 88
47092 82037 48583 31711 43662 15306 66061 05077 85993 52822
63807 05163 80250 75570 60176 38777 09239 41288 53888 34145
15696 64954 46450 58478 17305 72527 77416 86104 42703 66006
59883 92955 09805 42700 88223 14956 38931 96937 70903 29845
58160 83035 95409 02243 28429 15272 50301 13169 00475 87981
83340 62439 14202 35191 15311 39624 37863 22008 89524 10175
50331 23943 99321 25071 73683 40359 43089 84040 96493 10932
54680 98320 56347 95320 78409 90019 72562 98483 45707 09439
84903 36236 88788 07809 84105 82419 85563 13067 000 000

10347/1154712147 kHz, 26-05, 0600/0620/0640 UTC

351 351 351 1 353 61 353 61
06633 19494 03667 04195 98733 58924 26926 75349 20892 31815
68096 02930 32060 54089 94273 66944 72380 21737 70803 48340
97722 49268 96514 20714 52820 60169 94191 86310 77045 80460
12550 49599 49209 21384 07000 62901 69223 88595 56126 50216
60166 63554 92116 21111 47029 72863 70728 99521 53390 64261
40294 31048 15461 82346 87783 85425 73601 96330 27830 96719
98935 000 000

M14

01-05: No transmissions

12211 kHz, 02-05, 0500 UTC

952 607 607 58 58 = = 68188 83718 24773 ... 98885 off 952 (R) off (restarts, incomplete message)

10243 kHz, 02-05, 0520 UTC

952 607 607 58 58 = =
68188 83718 24773 80412 02049 10578 95589 60746 53248 05537
21740 30980 15403 39092 42790 99363 56880 63702 49126 33338
67399 65535 34469 90828 58245 84295 88708 53199 70783 74535
98268 95801 72961 06930 46170 57063 48488 32907 28997 92042
08377 61117 32936 21399 79533 19139 36093 11710 50092 98885
29263 48071 76169 09139 72339 84918 79734 83645
= = 607 607 58 58 00000

12211/10243 kHz, 03-05, 0500/0520 UTC

952 318 318 52 52 = =
34843 68473 38019 79276 10944 09870 00933 30822 40179 46689
03773 66378 62913 76043 83541 03154 01199 63244 17066 51626
14139 12379 42622 67417 76007 50650 50411 47403 75559 18686
02816 74754 59969 83977 70376 42587 71839 19661 94435 10911
52704 15817 12378 76575 11489 15470 06396 60880 81329 92492
61743 44558
= = 318 318 52 52 00000

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

952 470 470 59 59 = =
02715 94342 98663 32632 96635 74215 08635 31911 22085 56396
42543 58179 45547 76794 72393 08735 14916 56896 90647 46063
18479 92403 22185 01374 21331 29088 72292 58304 02679 43026
96631 46499 42451 67431 04110 99726 30667 33243 28603 58250
98001 15682 30466 20107 90970 03945 13763 71013 40188 36231
70152 47570 95125 67294 85382 13445 23810 60690 69308
470 470 59 59 00000

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

952 186 186 53 53 = =
75574 30923 10579 00282 15330 95240 03105 33931 20211 10516
72421 38087 93213 58417 35242 13188 95876 18379 22502 57737
14843 69207 31138 45941 43770 67346 59162 21839 47750 37738
03727 08378 02437 38224 26868 54871 25075 83416 18608 71267
39601 38975 12109 22678 43024 22241 30570 82587 65255 70145
70544 68207 39585
= = 186 186 53 53 00000

08-05: No transmissions

09-05: No transmissions

12211 kHz, 10-05, 0500 UTC

12211 kHz, 10-05, 0517 UTC, rapid dots

10243 kHz, 10-05, 0518 UTC, rapid dots

10243 kHz, 10-05, 0520 UTC

952 437 437 60 60 = =
02445 24846 05482 38451 10492 22778 50329 72122 93484 48343
18160 46348 15275 87077 43071 38726 74379 59179 39115 59820
00143 69061 91814 29513 28292 51883 34557 77691 98076 27984
64520 42673 38173 01169 77855 65832 33548 61779 28784 05850
90469 80486 42313 21029 41847 03741 35245 93122 60089 86825
25187 91095 69672 25444 32226 98261 76605 71773 02968 51248
= = 437 437 60 60 00000

12211/10243 kHz, 11-05, 0500/0520 UTC

952 160 160 54 54 = =
42399 81000 95260 17885 37848 47961 55492 30456 79157 53699
14824 53660 94603 61554 74698 93418 82323 79854 40007 65466
52415 91202 59290 65123 19541 34212 27152 48099 50695 61116
66064 08267 97841 19697 29751 63353 70098 32963 95352 84474
25165 75029 36532 30453 84668 66611 94736 72861 03133 38597
90792 22727 45237 37120
= = 160 160 54 54 00000

12211/10243 kHz, 12-05, 0500/0520 UTC

952 743 743 55 55 = =
42579 03755 87915 98585 18593 63451 94590 23227 49585 14667
18562 15662 40171 37291 18335 38701 30844 40987 53239 19057
80436 21270 82551 36671 81499 80119 87355 27806 44521 90856
13609 94097 11937 11918 59830 34752 87857 79266 57853 44074
94460 32087 20089 41512 90980 51481 51723 26414 16227 16831
51301 74680 40586 09528 48120
= = 743 743 55 55 00000

12211/10243 kHz, 15-05, 0500/0520 UTC

952 806 806 51 51 = =
33694 32776 51613 66870 93171 23024 30347 13940 75117 63679
78000 22810 16131 70330 10470 37782 36821 16499 22788 46102
08838 12570 02496 38571 26699 08638 62641 68310 70327 50974
42856 49841 69255 46788 51916 65707 04427 16981 50266 72782
08529 41577 95902 25487 50807 27510 02090 58079 17277 53469
80316
= = 806 806 51 51 00000

12211/10243 kHz, 16-05, 0500/0520 UTC

952 134 134 59 59 = =
56411 10892 73127 45508 98609 71000 46879 18499 75630 71032
94642 60063 20924 03515 80385 71760 25857 18124 91737 62899
67805 30918 29847 18597 44206 63333 48173 12468 29754 96922
69884 12384 98928 54745 38561 52726 81042 45348 81885 71592
39995 30296 93010 36375 95922 01167 59284 06155 30900 76952
93032 04356 46090 57819 44077 00082 61902 96139 98679
= = 134 134 59 59 00000

12211/10243 kHz, 17-05, 0500/0520 UTC

0520 UTC: FSK CW till 0524z, then normal CW

952 786 786 54 54 = =
21700 88565 19418 00482 85615 64506 20694 13450 77054 22942
60381 55960 42712 80328 10671 13562 08257 29629 34507 66570
78274 83794 21710 64454 76939 22847 43171 90550 40339 99271
96547 84296 96401 81395 41904 13174 93355 39440 50728 11548
62664 03934 16762 28582 27368 51187 02095 52428 91773 95493
16939 02871 73437 92762
= = 786 786 54 54 00000

12211/10243 kHz, 18-05, 0500/0520 UTC

952 103 103 64 64 = =
41733 70542 66584 63829 45507 07556 93048 56571 78409 53467
06865 33153 29989 10496 66453 97381 52761 83568 83252 15395
97207 99095 34299 72363 64066 10159 06958 89848 59845 17824
24204 45983 66489 63245 23915 65674 61156 70262 90602 73019
47015 43176 63023 23106 81025 49379 66106 55402 09626 41545
40636 35914 48266 99051 69124 80296 65730 93332 21310 75115
59179 06840 67730 39438
= = 103 103 64 64 00000

12211 kHz, 19-05, 0500 UTC

10243 kHz, 19-05, 0520 UTC. Callup partly in reverse morse. Restarts. Again reverse morse. Carrier only. Off at 0536z

952 476 476 58 58 = =
81188 01774 24895 78023 39016 84424 57165 91784 56476 48109
23043 86079 90680 23680 78229 21625 31211 64095 87784 00058
42980 52493 35249 53320 31855 24039 00620 77262 31462 93722
68102 14187 34633 07309 49596 13995 17903 57611 34835 28640
32526 33293 04119 19572 60421 92370 64595 82840 58507 77612
95998 21608 39847 16019 16810 20618 65043 69578
= = 476 476 58 58 00000

12211/10243 kHz, 22-05, 0500/0520 UTC

952 108 108 60 60 = =
08469 76503 37054 65746 84133 01901 00881 76394 31587 93337
44436 03664 03561 72255 38867 97977 00682 59348 50415 79397
42467 23267 52674 42617 11064 93081 57683 56208 66187 26718
26809 60773 54681 52518 47355 95728 63155 26152 85822 09380
87110 70034 53775 31985 15025 87457 47239 16499 50800 68613
45571 76671 23038 30703 80741 77211 54562 59306 12960 55671
= = 108 108 60 60 00000

12211/10243 kHz, 23-05, 0500/0520 UTC

952 364 364 57 57 = =
90917 67182 75596 49030 77650 76058 10003 41014 86430 09881
56754 03118 39375 90152 52939 43618 66999 90123 43198 52682
29984 37395 61502 55028 01203 17792 19284 94312 06437 72699
60848 53952 47223 07042 72011 44058 54263 50084 52896 09167
44842 36270 90827 36460 82681 98252 95259 69165 63679 89325
73680 54816 75962 77436 80424 83059 07690
= = 364 364 57 57 00000

12211 kHz, 24-05, 0500 UTC

10243 kHz, 24-05, 0520 UTC. No transmission

952 781 781 59 59 = =
52558 88677 93193 31028 99589 80114 00060 55051 74721 63569
19865 84623 64676 70566 74871 29174 82191 67804 88574 31256
40407 97815 32795 20745 17582 71296 33065 60534 79325 47036
12008 82171 50542 60370 75390 34877 54267 86122 70541 96380
59587 46942 71815 19005 05825 02998 72803 09446 95187 83951
89962 65681 71056 49161 07358 19444 24106 67037 17212
= = 781 781 59 59 00000

12211/10243 kHz, 25-05, 0500/0520 UTC

952 306 306 52 52 = =
31340 90432 99293 13554 74376 49966 29549 81964 73117 82077
57042 28612 24815 95659 14390 32367 77804 77286 33956 27492
40581 30348 12255 69381 29254 06073 33818 97667 01820 68632
65480 51372 52685 61519 57002 15804 65883 67379 08989 05874
50421 78487 94022 15530 06191 20058 41964 87990 93883 93575
25343 86464
= = 306 306 52 52 00000

12211/10243 kHz, 26-05, 0500/0520 UTC

952 487 487 51 51 = =
80704 28633 13862 12579 17301 62940 57937 75253 40115 13963
46545 29411 84752 97696 24477 98102 36945 70208 84153 78857
36469 66010 51240 40509 05003 56064 68407 10733 27587 73846
19418 65255 42388 82919 60737 54647 18452 84449 52854 29664
26133 88094 08491 51053 29887 94714 99891 94771 58110 64336
92396
= = 487 487 51 51 00000

12211 kHz, 29-05, 0500 UTC

10243 kHz, 29-05, 0520 UTC. Off after group 23

952 130 130 64 64 = =
44824 67363 36350 60134 85242 26419 58941 22045 01572 52001
56824 12802 19384 47824 02852 43026 98597 22539 60564 06873
67188 77030 14440 01993 64760 41032 46715 82423 50669 32494
27977 80251 56386 38146 13721 57230 86787 38683 64040 71904
00051 27024 28659 73551 20860 93067 64478 58659 66595 73400
77829 50952 91199 89366 0862 90882 76405 21974 98585 45540
25018 97035 10750 74903
= = 130 130 64 64 00000

12211/10243 kHz, 30-05, 0500/0520 UTC

952 648 648 57 57 = =
05323 66871 45032 89620 14914 45249 01830 62123 39806 80728
29941 34276 48696 16485 18656 94598 69503 93738 57251 80369
18090 14149 40722 75035 29049 12467 26782 61963 68217 37875
36321 95482 31623 67460 14509 75140 60540 00246 94724 34129
27350 05237 32518 77802 71882 21902 01766 33233 92945 36532
70225 95732 24704 82919 96678 83299 52619
= = 648 648 57 57 00000

12211/10243 kHz, 31-05, 0500/0520 UTC

952 713 713 59 59 = =
23688 19791 25215 68994 56762 92813 48413 74522 27696 41971
56776 79907 25878 56269 80662 38574 01620 78162 61815 81578
96888 25961 09143 15253 27310 72583 36236 27550 07620 41596
85313 26512 37772 06474 67280 59308 91871 04020 72581 85276
77126 97890 01404 55011 53146 35944 43688 41819 07775 30297
12816 30803 52136 62891 97593 03080 52242 40912
= = 713 713 59 59 00000

Test transmissions

10755 kHz, 03-05, 1420 UTC

975 148 148 60 60 = =
52295 67328 80650 36115 73064 57726 04512 60385 97251 32988
63129 68431 79378 36547 92806 62458 58859 88449 33611 66989
04286 30506 23893 45244 64053 43190 13508 08969 84270 68951
49157 38916 79907 (1m05s silence)
975 (R)
08969 84270 68951 49157 38916 79907 13652 90303 58152 70079
66798 29084 29084 13450 22264 12668 40510 04655 04185 91496
79520 17707 27718 41828 01039 07310 49359 36052 91589 04013
86487 59180 41843
= = 148 148 60 60 00000

Full recomposed message:

975 148 148 60 60 = =
52295 67328 80650 36115 73064 57726 04512 60385 97251 32988
63129 68431 79378 36547 92806 62458 58859 88449 33611 66989
04286 30506 23893 45244 64053 43190 13508 08969 84270 68951
49157 38916 79907 13652 90303 58152 70079 66798 29084 29084
13450 22264 12668 40510 04655 04185 91496 79520 17707 27718
41828 01039 07310 49359 36052 91589 04013 86487 59180 41843
= = 148 148 60 60 00000

11073 kHz, 04-05, 1800 UTC

352 48 89 60 60 = =
57244 58514 41417 02302 81549 91892 38961 00200 06614 18420
94314 74046 78717 80690 51524 74220 75517 70796 64842 16591
74373 40636 94449 79870 32892 73428 07354 28853 98849 02073
13148 11968 91705 85472 89320 06584 22888 78689 55s silence
352 (R)
89320 06584 22888 78689 75810 10506 47030 57891 43477 03017
61354 86022 66190 24515 95388 30128 51222 46314 58198 66280
07621 32181 35334 33039 57266 11905
= = 489 489 60 60 00000

Full recomposed message:

352 489 489 60 60 = =
57244 58514 41417 02302 81549 91892 38961 00200 06614 18420
94314 74046 78717 80690 51524 74220 75517 70796 64842 16591
74373 40636 94449 79870 32892 73428 07354 28853 98849 02073
13148 11968 91705 85472 89320 06584 22888 78689 75810 10506

47030 57891 43477 03017 61354 86022 66190 24515 95388 30128
51222 46314 58198 66280 07621 32181 35334 33039 57266 11905
= = 489 489 60 60 00000

10755 kHz, 22-05, 0757 UTC. Two series of fast beeps

10755 kHz, 22-05, 0810 UTC

975 (R) 314 314 20 20 = =
10427 50204 24146 14390 19468 95135 54774 34010 33067 56143
02507 74311 83701 59548 93643 15316 89038 46456 72564 98121
= = 314 314 20 20

975 126 126 30 30 = =
36125 67357 79636 97417 72272 21442 92460 51963 89216 87684
975 (R)
21442 92460 51963 89216 87684 335
975 (R)
21442 92460 51963 89216 87685 33540 17915 77903 06541 08739 17542
975 (R)
17915 77903 06541 08739 17542 89413 07018 06136 81442 02774 89504 28923 06805 85063
975 (R)
02774 89504 28923 06805 85963 70030 35442 51329 29733 15633
= = 126 126 30 30 00000

Complete recomposed message:

975 (R) 126 126 30 30 = =
36125 67357 79636 97417 72272 21442 92460 51963 89216 87685
33540 17915 77903 06541 08739 17542 89413 07018 06136 81442
02774 89504 28923 06805 85963 70030 35442 51329 29733 15633
= = 126 126 30 30 00000

11073 kHz, 24-05, 0653 UTC. Two series of fast beeps

11073 kHz, 24-05, 0700 UTC

352 (R) 789 789 40 40 = =
88023 15559 21026 90449 88758 65008 38435 34856 30302 33854
06182 80522
352 (R)
30302 33854 06182 80522 40079 23851 31154 27492 21310 41112
68992 54335 43676 93199 28284 32864 85646 44512 66256 00369
64409 09667 74419 81557 14325 89546 77579 77396 99863 79721
94675 63025
= = 789 789 40 40
352 (R) 460 460 19 19 = =
66650 33333 91782 47127 53908 35973 01481 01839 77228 94658
71643 67849 40879
352 (R)
77228 94658 71643 67849 40978 70458 78766 58473 40899 62956
00157
= = 460 460 19 19 00000

Complete recomposed messages:

352 (R) 789 789 40 40 = =
88023 15559 21026 90449 88758 65008 38435 34856 30302 33854
06182 80522 40079 23851 31154 27492 21310 41112 68992 54335
43676 93199 28284 32864 85646 44512 66256 00369 64409 09667
74419 81557 14325 89546 77579 77396 99863 79721 94675 63025
= = 789 789 40 40

352 (R) 460 460 19 19 = =
66650 33333 91782 47127 53908 35973 01481 01839 77228 94658
71643 67849 40978 70458 78766 58473 40899 62956 00157
= = 460 460 19 19 00000

9463 kHz, 25-05, 0850 UTC. Two series of fast beeps

9463 kHz, 25-05, 0900 UTC

801 (R) 543 543 20 20 = =
75355 66984 53452 61526 76096 22605 61734 06874 87648 30138
76691 10199 57428 97057
801 (R)
76691 10199 50428 97057 62618 02623 64259 08563 75954 93563
= = 543 543 20 20

801 (R) 769 769 30 30 = =
98899 97752 00329 50000 83519 07887 93494 64928 86739 82428
36043 15053 65205 18547 58523 51639 42787 48355 60342 40931
71774 13659 27260 70397 57852 59552 43129 26170 41025 07806
= = 769 769 30 30 00000

Complete recomposed messages:

801 (R) 543 543 20 20 = =
75355 66984 53452 61526 76096 22605 61734 06874 87648 30138
76691 10199 50428 97057 62618 02623 64259 08563 75954 93563
= = 543 543 20 20

801 (R) 769 769 30 30 = =
98899 97752 00329 50000 83519 07887 93494 64928 86739 82428
36043 15053 65205 18547 58523 51639 42787 48355 60342 40931
71774 13659 27260 70397 57852 59552 43129 26170 41025 07806
= = 769 769 30 30 00000

M23

Frequency: 5345 kHz
Hourly beeps at hh+59min

1-9 May

0759 UTC 541 541 541 (R 12m)
1134 UTC 591 591 591 (R 12m)
1229 UTC 541 541 541 (R 12m)
1404 UTC SET SET SET (R 30m)
1659 UTC 591 591 591 (R 12m)

10 May

1134 UTC 591 591 591 (R 12m)
1404 UTC SET SET SET (R 30m)
1659 UTC 591 591 591 (R 12m)

11-21 May

1404 UTC SET SET SET (R 30m)

22-31 May Not monitored

M76

10858 kHz, 09-05, 1650 UTC

47ÜG 47ÜG 47ÜG DE OA51 OA51 QTC 407 24 =
26310 15074 92080 30164 11786 01209 24819 93846 59372 17261
21716 20363 50951 OXXXX WWWW 72251 57445 11744 21744 56277
18915 50901 5XXXX NNNNN =
followed by 12 messages

10858 kHz, 10-05, 0400 UTC

HKU2 HKU2 HKU2 DE 17LÄ 17LÄ QTC 408 35 =
26310 00584 92080 25530 13481 42641 25614 36411 78601 20925
51352 56258 42238 56503 41362 17150 85131 72643 36361 9XXXX
RRRRR 202XX WWWW 72350 47175 08745 527XX DDDDD 25820 90810
76770 50751 79155 02914 NNNNN =
followed by 8 messages

10858 kHz, 10-05, 1650 UTC

HKU2 HKU2 HKU2 DE 17LÄ 17LÄ QTC 409 28 =
26310 15084 92080 14225 66402 55641 18320 92753 85649 15834
13621 71621 17261 00893 63619 089XX RRRRR 202XX WWWW 72651
17515 04746 53377 05075 19915 49991 5015X NNNNN =
followed by several messages

10858 kHz, 11-05, 0400 UTC

8JPF 8JPF 8JPF DE BK4Q BK4Q QTC 410 32 =
26310 05094 92080 14264 10686 44183 17861 10616 03011 20925
83856 50158 34136 21716 23172 64508 93636 19089 RRRRR 202XX
WWWW 72251 97245 08744 540XX DDDDD 27607 57705 07519 91601
5XXXX NNNNN = followed by several messages

10858 kHz, 11-05, 1650 UTC

8JPF 8JPF 8JPF DE BK4Q BK4Q QTC 410 27 =
26310 15094 92080 14264 11831 78603 01120 92863 85649 15836
21726 14171 62136 36190 89XXX RRRRR 202XX WWWW 725S3 37285
02744 54777 05075 18915 49991 6015X NNNNN = followed by several messages

10858 kHz, 12-05, 0400 UTC

2RDS 2RDS 2RDS DE TJ2A TJ2A QTC 412 29 =
26310 05104 92080 30164 11831 78601 01120 92103 85650 15836
21716 22172 64636 36200 89XXX RRRRR 202XX WWWW 72653 37415
11739 527XX DDDDD 07577 05075 16915 50691 6015X NNNNN =
followed by several messages

10858 kHz, 12-05, 1650 UTC

2RDS 2RDS 2RDS DE TJ2A TJ2A QTC 412 31 =
26310 15104 92080 25614 26412 55142 40964 11831 78601 01130
92581 99385 64915 83621 71623 37361 40893 63619 08XXX RRRRR
202XX WWWW 72752 27305 19737 53377 05075 18912 49891 6015X
NNNNN = followed by several messages

10858 kHz, 20-05, 1650 UTC

BL30 BLL30 BL30 DE NOET NOET QTC
466 27 =
26310 15184 92080 30030 05041 78601 20927 61523 85649 05336
21725 09514 17151 52203 63622 RRRRR 207XX WWWW 72053 37215
63721 53177 05075 10915 49801 5XXXX NNNNN =

463 42 =
40545 79549 31505 94993 59530 92669 50593 09399 40930 06313
99449 30930 06336 99532 18954 93595 30920 42661 90195 31999
39154 93093 91999 37921 95319 99391 54940 19993 59019 53199
93695 49401 99935 90195 31999 36154 94093 91999 36658 16106
41854 37XXX =

400 14 =
13093 31999 35199 94119 99431 99945 19994 71999 49199 95119
99409 37199 94093 8XXXX
AR

M95 - Chinese Military

4364//8073 kHz, 08-05, 1130 UTC, V26: USB. XSV85: callup in Chinese voice. Female operator

4364//8073 kHz, 08-05, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

4364//8073 kHz, 08-05, 1138 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)

HR MSG GA PSE CY

NR 0361 CK 176 35 0508 1607 =

TTD 3U6 3AN 3U7 TAU 773 353 4T3 NN3 436 ...

4243//9054 kHz, 08-05, 1142 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages /

4243//9054 kHz, 08-05, 1148 UTC, M95: CW

VVV HR 7G TO YR PSE CY

NR 059 CK 26 35 0508 1522 = 5AA UTT TTD 3U6 3A4 5T7 5TD N44 5TN 75U

353 U4T 35A 4A4 445 3DA 4D6 5AA 75U 353

U4T 35A 4AA 445 3DA 4D6 AR MSG AGN

NR 059 CK 26 35 0508 1522 = (Repeats message)

AR A HR 7G GA

NR 16 CK 126 35 0508 1546 = UTU TTD 3U6 3A4 TTU 773 353 U4T 35A 4AA ...

6166 kHz, 17-05, 1751 UTC, i.p.

R GA

MSG NR 1.9/CCK CK 81 63 0518 0200 RMKS 3782 TO 9537 = 53TA 564U DA6. 4TA3 U.6T D56N U536 A5AU TTTT TTTT K

R 11W = 7U3A 7DUN 57DN U64D ...

UM04 - PROMRCh

4735 kHz, 01-05, 0700 UTC

VVV VVV PROMRCh = 01 05 =

1000 0870 0900 1020 1410

1200 1020 1050 1170 1580

1400 1090 1120 1250 1660

1600 1050 1080 1220 1640

1800 1010 1050 1180 1620

2000 0930 0950 1060 1420

2200 0720 0740 0820 1070

0000 0640 0650 0710 0910

0200 0600 0620 0670 0860

0400 0550 0560 0620 0800

0600 0560 0580 0670 0940

0800 0730 0760 0890 1260

= ABV

VVV VVV PROMRCh = 01 05 =

1000 0870 0900 1020 1410

1200 1020 1050 1170 1580

1400 1090 1120 1250 1660

1600 1050 1080 1220 1640

1800 1010 1050 1180 1620

2000 0930 0950 1060 1420

2200 0720 0740 0820 1070

0000 0640 0650 0710 0910

0200 0600 0620 0670 0860

0400 0550 0560 0620 0800

0600 0560 0580 0670 0940

0800 0730 0760 0890 1260

= AR

4735 kHz, 02-05, 0711 UTC,

i.p.

1600 1040 1080 1200 1630

1800 1000 1040 1170 1610

2000 0920 0950 1060 1420

2200 0720 0740 0810 1070

0000 0630 0650 0710 0900

0200 0600 0620 0670 0860

0400 0540 0560 0610 0790

0600 0560 0580 0670 0930

0800 0720 0760 0880 1260

= AR

4735 kHz, 03-05, 0700 UTC

VVVVV PROMRCh = 03 05 =

1000 0860 0890 1010 1400

1200 1000 1030 1160 1560

1400 1070 1100 1220 1650

1600 1030 1060 1190 1620

1800 0990 1030 1160 1600

2000 0920 0950 1050 1410

2200 0720 0740 0810 1070

0000 0640 0650 0710 0910

0200 0600 0610 0660 0850

0400 0540 0550 0600 0790

0600 0560 0590 0670 0930

0800 0720 0760 0880 1260

= ABV =

VVVVV PROMRCh = 03 05 =

1000 0860 0890 1010 1400

1200 1000 1030 1160 1560

1400 1070 1100 1220 1650

1600 1030 1060 1190 1620

1800 0990 1030 1160 1600

2000 0920 0950 1050 1410

2200 0720 0740 0810 1070

0000 0640 0650 0710 0910

0200 0600 0610 0660 0850

0400 0540 0550 0600 0790

0600 0560 0590 0670 0930

0800 0720 0760 0880 1260

= AR

4735 kHz, 04-05, 0700 UTC

VVV VVV PROMRCh = 04 05 =

1000 0850 0880 1010 1390

1200 1000 1030 1150 1540

1400 1060 1090 1210 1630

1600 1020 1060 1180 1600

1800 0980 1020 1150 1580

2000 0910 0940 1050 1410

2200 0720 0740 0820 1070

0000 0640 0650 0710 0910

0200 0600 0610 0670 0860

0400 0540 0550 0610 0790

0600 0560 0580 0670 0940

0800 0720 0750 0870 1240

= ABV =

VVV VVV PROMRCh = 04 05 =

1000 0850 0880 1010 1390

1200 1000 1030 1150 1540

1400 1060 1090 1210 1630

1600 1020 1060 1180 1600

1800 0980 1020 1150 1580

2000 0910 0940 1050 1410

2200 0720 0740 0820 1070

0000 0640 0650 0710 0910

0200 0600 0610 0670 0860

0400 0540 0550 0610 0790

0600 0560 0580 0670 0940

0800 0720 0750 0870 1240

= AR

4735 kHz, 05-05, 0700 UTC

VVV VVV PROMRCh = 05 05 =
1000 0850 0880 1010 1390
1200 0990 1030 1140 1530
1400 1050 1080 1200 1610
1600 1010 1050 1170 1590
1800 0970 1010 1140 1560
2000 0910 0940 1050 1410
2200 0730 0750 0820 1080
0000 0640 0650 0710 0910
0200 0600 0610 0670 0860
0400 0540 0550 0600 0790
0600 0560 0590 0670 0940
0800 0720 0760 0880 1240
= ABV

VVV VVV PROMRCh = 05 05 =
1000 0850 0880 1010 1390
1200 0990 1030 1140 1530
1400 1050 1080 1200 1610
1600 1010 1050 1170 1590
1800 0970 1010 1140 1560
2000 0910 0940 1050 1410
2200 0730 0750 0820 1080
0000 0640 0650 0710 0910
0200 0600 0610 0670 0860
0400 0540 0550 0600 0790
0600 0560 0590 0670 0940
0800 0720 0760 0880 1240
= AR

4735 kHz, 09-05, 0700 UTC

VVV VVV PROMRCh = 09 05 =
1000 0840 0870 0990 1350
1200 0970 1000 1120 1500
1400 1030 1060 1180 1580
1600 0990 1030 1150 1550
1800 0940 0980 1110 1520
2000 0910 0930 1040 1400
2200 0730 0750 0830 1100
0000 0640 0660 0720 0930
0200 0600 0620 0670 0870
0400 0530 0540 0600 0790
0600 0570 0600 0680 0950
0800 0720 0760 0880 1240
= ABV

VVV VVV PROMRCh = 09 05 =
1000 0840 0870 0990 1350
1200 0970 1000 1120 1500
1400 1030 1060 1180 1580
1600 0990 1030 1150 1550
1800 0940 0980 1110 1520
2000 0910 0930 1040 1400
2200 0730 0750 0830 1100
0000 0640 0660 0720 0930
0200 0600 0620 0670 0870
0400 0530 0540 0600 0790
0600 0570 0600 0680 0950
0800 0720 0760 0880 1240
= AR

4735 kHz, 06-05, 0700 UTC

VVV VVV PROMRCh = 06 05 =
1000 0850 0880 1000 1370
1200 0980 1020 1130 1520
1400 1040 1070 1290 1600
1600 1000 1040 1160 1580
1800 0960 1000 1130 1550
2000 0910 0940 1050 1400
2200 0730 0750 0820 1090
0000 0640 0650 0710 0920
0200 0600 0620 0670 0860
0400 0540 0550 0610 0790
0600 0560 0590 0670 0940
0800 0720 0760 0870 1240
= ABV =

VVV VVV PROMRCh = 06 05 =
1000 0850 0880 1000 1370
1200 0980 1020 1130 1520
1400 1040 1070 1290 1600
1600 1000 1040 1160 1580
1800 0960 1000 1130 1550
2000 0910 0940 1050 1400
2200 0730 0750 0820 1090
0000 0640 0650 0710 0920
0200 0600 0620 0670 0860
0400 0540 0550 0610 0790
0600 0560 0590 0670 0940
0800 0720 0760 0870 1240
= AR

4735 kHz, 10-05, 0700 UTC

VVV VVV PROMRCh = 10 05 =
1000 0850 0880 0990 1360
1200 0980 1010 1120 1500
1400 1030 1060 1170 1570
1600 0980 1020 1140 1540
1800 0940 0970 1100 1510
2000 0910 0940 1040 1400
2200 0730 0760 0840 1110
0000 0640 0660 0720 0920
0200 0600 0620 0680 0870
0400 0530 0540 0600 0790
0600 0580 0600 0690 0960
0800 0740 0770 0890 1250
= ABV

VVV VVV PROMRCh = 10 05 =
1000 0850 0880 0990 1360
1200 0980 1010 1120 1500
1400 1030 1060 1170 1570
1600 0980 1020 1140 1540
1800 0940 0970 1100 1510
2000 0910 0940 1040 1400
2200 0730 0760 0840 1110
0000 0640 0660 0720 0920
0200 0600 0620 0680 0870
0400 0530 0540 0600 0790
0600 0580 0600 0690 0960
0800 0740 0770 0890 1250
= AR

4735 kHz, 07-05, 0700 UTC

VVVVV PROMRCh = 07 05 =
1000 0840 0880 0990 1360
1200 0980 1010 1130 1510
1400 1040 1070 1190 1590
1600 1000 1030 1150 1560
1800 0960 0990 1120 1540
2000 0910 0940 1050 1400
2200 0730 0750 0830 1090
2400 0640 0650 0710 0920
0200 0600 0610 0670 0860
0400 0530 0540 0600 0790
0600 0570 0590 0680 0950
0800 0720 0750 0880 1240
= ABV =

VVVVV PROMRCh = 07 05 =
1000 0840 0880 0990 1360
1200 0980 1010 1130 1510
1400 1040 1070 1190 1590
1600 1000 1030 1150 1560
1800 0960 0990 1120 1540
2000 0910 0940 1050 1400
2200 0730 0750 0830 1090
2400 0640 0650 0710 0920
0200 0600 0610 0670 0860
0400 0530 0540 0600 0790
0600 0570 0590 0680 0950
0800 0720 0750 0880 1240
= AR

4735 kHz, 11-05, 0700 UTC

VVVVV PROMRCh = 11 05 =
1000 0840 0870 0980 1340
1200 0970 0990 1110 1480
1400 1020 1050 1170 1560
1600 0980 1010 1130 1530
1800 0930 0960 1090 1500
2000 0910 0940 1050 1400
2200 0740 0760 0840 1110
0000 0650 0660 0720 0930
0200 0610 0620 0680 0880
0400 0530 0550 0600 0790
0600 0580 0600 0690 0960
0800 0730 0760 0880 1240
= ABV

VVVVV PROMRCh = 11 05 =
1000 0840 0870 0980 1340
1200 0970 0990 1110 1480
1400 1020 1050 1170 1560
1600 0980 1010 1130 1530
1800 0930 0960 1090 1500
2000 0910 0940 1050 1400
2200 0740 0760 0840 1110
0000 0650 0660 0720 0930
0200 0610 0620 0680 0880
0400 0530 0550 0600 0790
0600 0580 0600 0690 0960
0800 0730 0760 0880 1240
= AR

4735 kHz, 08-05, 0700 UTC

VVVVV PROMRCh = 08 05 =
1000 0840 0880 0990 1360
1200 0980 1010 1130 1510
1400 1040 1070 1190 1590
1600 1000 1030 1150 1560
1800 0960 0990 1120 1540
2000 0910 0940 1050 1400
2200 0730 0750 0830 1090
0000 0640 0650 0710 0920
0200 0600 0610 0670 0860
0400 0530 0540 0600 0790
0600 0570 0590 0680 0950
0800 0720 0750 0880 1240
= ABV

VVVVV PROMRCh = 08 05 =
1000 0840 0880 0990 1360
1200 0980 1010 1130 1510
1400 1040 1070 1190 1590
1600 1000 1030 1150 1560
1800 0960 0990 1120 1540
2000 0910 0940 1050 1400
2200 0730 0750 0830 1090
0000 0640 0650 0710 0920
0200 0600 0610 0670 0860
0400 0530 0540 0600 0790
0600 0570 0590 0680 0950
0800 0720 0750 0880 1240
= AR

4735 kHz, 12-05, 0700 UTC

VVVVV PROMRCh = 12 05 =
1000 0830 0860 0970 1330
1200 0960 0990 1100 1470
1400 1020 1050 1160 1550
1600 0980 1010 1130 1520
1800 0930 0960 1090 1490
2000 0900 0930 1040 1410
2200 0740 0760 0840 1110
2400 0650 0670 0720 0940
0200 0610 0630 0680 0880
0400 0530 0550 0600 0790
0600 0580 0600 0690 0960
0800 0720 0750 0870 1230
= ABV =

VVVVV PROMRCh = 12 05 =
1000 0830 0860 0970 1330
1200 0960 0990 1100 1470
1400 1020 1050 1160 1550
1600 0980 1010 1130 1520
1800 0930 0960 1090 1490
2000 0900 0930 1040 1410
2200 0740 0760 0840 1110
2400 0650 0670 0720 0940
0200 0610 0630 0680 0880
0400 0530 0550 0600 0790
0600 0580 0600 0690 0960
0800 0720 0750 0870 1230
= AR

4735 kHz, 13-05, 0700 UTC

VVVVV PROMRCh = 1305 =
1000 0830 0860 0970 1320
1200 0950 0980 1090 1460
1400 1010 1040 1150 1540
1600 0970 1000 1120 1510
1800 0920 0950 1080 1480
2000 0900 0930 1040 1400
2200 0740 0770 0850 1120
0000 0650 0670 0730 0940
0200 0620 0630 0690 0880
0400 0530 0550 0600 0800
0600 0590 0610 0700 0970
0800 0730 0760 0880 1230
= ABV =

VVVVV PROMRCh = 1305 =
1000 0830 0860 0970 1320
1200 0950 0980 1090 1460
1400 1010 1040 1150 1540
1600 0970 1000 1120 1510
1800 0920 0950 1080 1480
2000 0900 0930 1040 1400
2200 0740 0770 0850 1120
0000 0650 0670 0730 0940
0200 0620 0630 0690 0880
0400 0530 0550 0600 0800
0600 0590 0610 0700 0970
0800 0730 0760 0880 1230
= AR

4735 kHz, 14-05, 0701 UTC

VVV VVV PROMRCh = 15 05 =
1000 0830 0850 0960 1320
1200 0950 0980 1090 1450
1400 1000 1030 1140 1530
1600 0960 0990 1110 1500
1800 0910 0950 1070 1470
2000 0910 0930 1040 1410
2200 0750 0770 0860 1130
0000 0650 0670 0730 0950
0200 0620 0640 0690 0890
0400 0540 0550 0610 0800
0600 0590 0620 0700 0970
0800 0730 0770 0880 1240
= ABV

VVV VVV PROMRCh = 15 05 =
1000 0830 0850 0960 1320
1200 0950 0980 1090 1450
1400 1000 1030 1140 1530
1600 0960 0990 1110 1500
1800 0910 0950 1070 1470
2000 0910 0930 1040 1410
2200 0750 0770 0860 1130
0000 0650 0670 0730 0950
0200 0620 0640 0690 0890
0400 0540 0550 0610 0800
0600 0590 0620 0700 0970
0800 0730 0770 0880 1240
= AR

4735 kHz, 15-05, 0700 UTC

VVV VVV PROMRCh = 15 05 =
1000 0830 0860 0970 1320
1200 0940 0970 1080 1440
1600 0990 1010 1130 1510
1600 0950 0980 1100 1480
1800 0910 0950 1070 1450
2000 0910 0940 1050 1410
2200 0770 0790 0870 1150
0000 0660 0680 0740 0960
0200 0640 0660 0710 0920
0400 0560 0570 0630 0830
0600 0600 0620 0710 0990
0800 0740 0780 0890 1240
= ABV

VVV VVV PROMRCh = 15 05 =
1000 0830 0860 0970 1320
1200 0940 0970 1080 1440
1600 0990 1010 1130 1510
1600 0950 0980 1100 1480
1800 0910 0950 1070 1450
2000 0910 0940 1050 1410
2200 0770 0790 0870 1150
0000 0660 0680 0740 0960
0200 0640 0660 0710 0920
0400 0560 0570 0630 0830
0600 0600 0620 0710 0990
0800 0740 0780 0890 1240
= AR

4735 kHz, 16-05, 0701 UTC

VVV VVV PROMRCh = 16 05 =
1000 0840 0870 0970 1330
1200 0950 0970 1080 1440
1400 0990 1020 1130 1500
1600 0950 0980 1100 1480
1800 0910 0940 1060 1450
2000 0910 0940 1050 1410
2200 0780 0800 0880 1170
0000 0690 0710 0770 0990
0200 0660 0680 0740 0950
0400 0580 0600 0650 0850
0600 0610 0640 0720 1000
0800 0760 0790 0900 1260
= ABV

VVV VVV PROMRCh = 16 05 =
1000 0840 0870 0970 1330
1200 0950 0970 1080 1440
1400 0990 1020 1130 1500
1600 0950 0980 1100 1480
1800 0910 0940 1060 1450
2000 0910 0940 1050 1410
2200 0780 0800 0880 1170
0000 0690 0710 0770 0990
0200 0660 0680 0740 0950
0400 0580 0600 0650 0850
0600 0610 0640 0720 1000
0800 0760 0790 0900 1260
= AR

4735 kHz, 17-05, 0700 UTC

VVV VVV PROMRCh = 17 05 =
1000 0840 0870 0980 1330
1200 0950 0970 1080 1430
1400 0990 1020 1130 1500
1600 0950 0980 1100 1480
1800 0910 0940 1060 1450
2000 0920 0950 1050 1410
2200 0790 0810 0900 1180
0000 0700 0720 0700 1010
0200 0670 0690 0750 0960
0400 0600 0660 0660 0860
0600 0620 0650 0730 1010
0800 0770 0800 0910 1270
= ABV

VVV VVV PROMRCh = 17 05 =
1000 0840 0870 0980 1330
1200 0950 0970 1080 1430
1400 0990 1020 1130 1500
1600 0950 0980 1100 1480
1800 0910 0940 1060 1450
2000 0920 0950 1050 1410
2200 0790 0810 0900 1180
0000 0700 0720 0700 1010
0200 0670 0690 0750 0960
0400 0600 0660 0660 0860
0600 0620 0650 0730 1010
0800 0770 0800 0910 1270
= AR

4735 kHz, 18-05, 0700 UTC

VVV VVV PROMRCh = 18 05 =
1000 0840 0870 0980 1330
1200 0940 0970 1070 1430
1400 0980 1020 1120 1490
1600 0950 0970 1090 1470
1800 0900 0930 1050 1440
2000 0920 0950 1060 1420
2200 0800 0820 0910 1200
0000 0700 0720 0780 1020
0200 0680 0690 0750 0970
0400 0590 0610 0660 0860
0600 0630 0660 0740 1020
0800 0770 0800 0920 1270
= ABV

VVV VVV PROMRCh = 18 05 =
1000 0840 0870 0980 1330
1200 0940 0970 1070 1430
1400 0980 1020 1120 1490
1600 0950 0970 1090 1470
1800 0900 0930 1050 1440
2000 0920 0950 1060 1420
2200 0800 0820 0910 1200
0000 0700 0720 0780 1020
0200 0680 0690 0750 0970
0400 0590 0610 0660 0860
0600 0630 0660 0740 1020
0800 0770 0800 0920 1270
= AR

4735 kHz, 19-05, 0700 UTC

VVV VVV PROMRCh = 19 05 =
1000 0840 0870 0980 1320
1200 0940 0960 1070 1420
1400 0980 1010 1120 1490
1600 0940 0970 1080 1460
1800 0900 0920 1040 1420
2000 0930 0950 1060 1420
2200 0810 0830 0920 1210
0000 0710 0730 0800 1020
0200 0680 0700 0760 0980
0400 0600 0610 0670 0870
0600 0640 0660 0750 1030
0800 0780 0810 0930 1280
ABV

VVV VVV PROMRCh = 19 05 =
1000 0840 0870 0980 1320
1200 0940 0960 1070 1420
1400 0980 1010 1120 1490
1600 0940 0970 1080 1460
1800 0900 0920 1040 1420
2000 0930 0950 1060 1420
2200 0810 0830 0920 1210
0000 0710 0730 0800 1020
0200 0680 0700 0760 0980
0400 0600 0610 0670 0870
0600 0640 0660 0750 1030
0800 0780 0810 0930 1280
= AR

4735 kHz, 20-05, 0700 UTC

Not monitored

4735 kHz, 21-05, 0700 UTC

VVV VVV PROMRCh = 21 05 =

1000 0860 0880 0990 1330
 1200 0940 0970 1070 1420
 1400 0980 1010 1120 1480
 1600 0940 0960 1080 E450
 1800 0890 0930 1040 1420
 2000 0930 0960 1070 1420
 2200 0830 0860 0940 1240
 0000 0730 0750 0810 1050
 0200 0700 0720 0770 1000
 0400 0610 0630 0690 0890
 0600 0650 0680 0770 1050
 0800 0800 0830 0940 1300

= ABV

VVV VVV PROMRCh = 21 05 =

1000 0860 0880 0990 1330
 1200 0940 0970 1070 1420
 1400 0980 1010 1120 1480
 1600 0940 0960 1080 E450
 1800 0890 0930 1040 1420
 2000 0930 0960 1070 1420
 2200 0830 0860 0940 1240
 0000 0730 0750 0810 1050
 0200 0700 0720 0770 1000
 0400 0610 0630 0690 0890
 0600 0650 0680 0770 1050
 0800 0800 0830 0940 1300

= AR

4735 kHz, 25-05, 0700 UTC

VVV VVV PROMRCh = 25 05 =

1000 0840 0870 0970 1320
 1200 0920 0940 1050 1400
 1400 0960 0990 1100 1460
 1600 0920 0950 1060 1430
 1800 0880 0910 1030 1400
 2000 0920 0950 1060 1420
 2200 0830 0850 0940 1230
 0000 0730 0750 0820 1050
 0200 0700 0720 0780 1000
 0400 0600 0620 0680 0880
 0600 0650 0670 0760 1050
 0800 0790 0820 0930 1290

= ABV

VVV VVV PROMRCh = 25 05 =

1000 0840 0870 0970 1320
 1200 0920 0940 1050 1400
 1400 0960 0990 1100 1460
 1600 0920 0950 1060 1430
 1800 0880 0910 1030 1400
 2000 0920 0950 1060 1420
 2200 0830 0850 0940 1230
 0000 0730 0750 0820 1050
 0200 0700 0720 0780 1000
 0400 0600 0620 0680 0880
 0600 0650 0670 0760 1050
 0800 0790 0820 0930 1290

= AR

4735 kHz, 22-05, 0700 UTC

Not monitored

4735 kHz, 23-05, 0700 UTC

VVVVV PROMRCh = 2305 =

1000 0850 0880 0980 1320
 1200 0930 0960 1060 1420
 1400 0980 1010 1110 1480
 1600 0930 0960 1080 1440
 1800 0890 0920 1040 1410
 2000 0930 0960 1070 1430
 2200 0830 0860 0940 1330
 0000 0730 0750 0820 1050
 0200 0700 0720 0780 1000
 0400 0610 0630 0690 0890
 0600 0650 0680 0770 1050
 0800 0800 0830 0940 1300

= ABV =

VVVVV PROMRCh = 2305 =

1000 0850 0880 0980 1320
 1200 0930 0960 1060 1420
 1400 0980 1010 1110 1480
 1600 0930 0960 1080 1440
 1800 0890 0920 1040 1410
 2000 0930 0960 1070 1430
 2200 0830 0860 0940 1330
 0000 0730 0750 0820 1050
 0200 0700 0720 0780 1000
 0400 0610 0630 0690 0890
 0600 0650 0680 0770 1050
 0800 0800 0830 0940 1300

= AR

4735 kHz, 24-05, 0700 UTC

Not monitored

4735 kHz, 26-05, 0700 UTC

VVVVV PROMRCh = 26 05 =

1000 0840 0870 0970 1310
 1200 0910 0930 1040 1390
 1400 0950 0980 1090 1450
 1600 0910 0940 1050 1420
 1800 0870 0900 1020 1390
 2000 0920 0940 1050 1410
 2200 0830 0850 0940 1230
 0000 0730 0750 0820 1050
 0200 0700 0720 0780 1000
 0400 0600 0620 0680 0880
 0600 0640 0670 0750 1040
 0800 0790 0820 0930 1280

= ABV =

VVVVV PROMRCh = 26 05 =

1000 0840 0870 0970 1310
 1200 0910 0930 1040 1390
 1400 0950 0980 1090 1450
 1600 0910 0940 1050 1420
 1800 0870 0900 1020 1390
 2000 0920 0940 1050 1410
 2200 0830 0850 0940 1230
 0000 0730 0750 0820 1050
 0200 0700 0720 0780 1000
 0400 0600 0620 0680 0880
 0600 0640 0670 0750 1040
 0800 0790 0820 0930 1280

= AR

4735 kHz, 27-05, 0700 UTC

VVVVV PROMRCh = 27 05 =

1000 0820 0850 0960 1300
 1200 0890 0920 1020 1380
 1400 0930 0960 1070 1430
 1600 0900 0930 1040 1410
 1800 0860 0890 1010 1370
 2000 0910 0940 1050 1400
 2200 0820 0850 0930 1230
 0000 0730 0750 0820 1050
 0200 0700 0720 0780 0990
 0400 0600 0620 0680 0880
 0600 0640 0670 0760 1040
 0800 0780 0810 0920 1270

= ABV

VVVVV PROMRCh = 27 05 =

1000 0820 0850 0960 1300
 1200 0890 0920 1020 1380
 1400 0930 0960 1070 1430
 1600 0900 0930 1040 1410
 1800 0860 0890 1010 1370
 2000 0910 0940 1050 1400
 2200 0820 0850 0930 1230
 0000 0730 0750 0820 1050
 0200 0700 0720 0780 0990
 0400 0600 0620 0680 0880
 0600 0640 0670 0760 1040
 0800 0780 0810 0920 1270

= AR

4735 kHz, 28-05, 0700 UTC

VVV VVV PROMRCh = 2805 =

1000 0810 0840 0950 1300
 1200 0880 0910 1010 1360
 1400 0920 0950 1E00 1420
 1600 0890 0920 1030 1400
 1800 0860 0890 1000 1370
 2000 0910 0940 1040 1400
 2200 0820 0850 0930 1230
 0000 0730 0740 0810 1050
 0200 0690 0710 077E 0990
 0400 0600 0610 0670 0880
 0600 0640 0660 0750 1040
 0800 0770 0800 0910 1270

= ABV

VVV VVV PROMRCh = 2805 =

1000 0810 0840 0950 1300
 1200 0880 0910 1010 1360
 1400 0920 0950 1E00 1420
 1600 0890 0920 1030 1400
 1800 0860 0890 1000 1370
 2000 0910 0940 1040 1400
 2200 0820 0850 0930 1230
 0000 0730 0740 0810 1050
 0200 0690 0710 077E 0990
 0400 0600 0610 0670 0880
 0600 0640 0660 0750 1040
 0800 0770 0800 0910 1270

= AR

4735 kHz, 29-05, 0700 UTC

VVVVV PROMRCh = 29 05 =
1000 0810 0840 0940 1300
1200 0870 0900 1000 1360
1400 0920 0950 1060 1420
1600 0890 0910 1030 1390
1800 0850 0880 1000 1370
2000 0900 0930 1040 1390
2200 0820 0840 0930 1220
0000 0730 0740 0810 1050
0200 0690 0710 0770 0980
0400 0590 0610 0670 0880
0600 0630 0660 0750 1030
0800 0760 0790 0910 1250
= ABV =
VVVVV PROMRCh = 29 05 =
1000 0810 0840 0940 1300
1200 0870 0900 1000 1360
1400 0920 0950 1060 1420
1600 0890 0910 1030 1390
1800 0850 0880 1000 1370
2000 0900 0930 1040 1390
2200 0820 0840 0930 1220
0000 0730 0740 0810 1050
0200 0690 0710 0770 0980
0400 0590 0610 0670 0880
0600 0630 0660 0750 1030
0800 0760 0790 0910 1250
= AR

4735 kHz, 30-05, 0700 UTC

VVV VVV PROMRCh = 30 05 =
1000 0810 0840 0940 1300
1200 0880 0910 1010 1360
1400 0920 0940 1060 1420
1600 0890 0910 1020 1390
1800 0850 0880 1000 1370
2000 0900 0930 1030 1380
2200 0820 0840 0930 1220
0000 0730 0740 0810 1050
0200 0690 0710 0770 0990
0400 0590 0610 0670 0880
0600 0640 0660 0750 1040
0800 0770 0800 0910 1260
= ABV
VVV VVV PROMRCh = 30 05 =
1000 0810 0840 0940 1300
1200 0880 0910 1010 1360
1400 0920 0940 1060 1420
1600 0890 0910 1020 1390
1800 0850 0880 1000 1370
2000 0900 0930 1030 1380
2200 0820 0840 0930 1220
0000 0730 0740 0810 1050
0200 0690 0710 0770 0990
0400 0590 0610 0670 0880
0600 0640 0660 0750 1040
0800 0770 0800 0910 1260
= AR

4735 kHz, 31-05, 0700 UTC

VVV VVV PROMRCh = 31 05 =
1000 0810 0830 0940 1300
1200 0870 0900 1000 1360
1400 0910 0940 1050 1410
1600 0880 0910 1020 1390
1800 0840 0870 0990 1360
2000 0900 0930 1030 1390
2200 0820 0840 0930 1220
0000 0720 0740 0810 1040
0200 0690 0700 0760 0980
0400 0590 0610 0670 0870
0600 0640 0670 0750 1040
0800 0770 0800 0910 1270
= ABV
VVV VVV PROMRCh = 31 05 =
1000 0810 0830 0940 1300
1200 0870 0900 1000 1360
1400 0910 0940 1050 1410
1600 0880 0910 1020 1390
1800 0840 0870 0990 1360
2000 0900 0930 1030 1390
2200 0820 0840 0930 1220
0000 0720 0740 0810 1040
0200 0690 0700 0760 0980
0400 0590 0610 0670 0870
0600 0640 0670 0750 1040
0800 0770 0800 0910 1270
= AR

DIGITAL MODES

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

M42 – various modes

15870 kHz, 21-04-2023 0700 UTC, FSK 50/500

PROVERKA SVYAZI. (x5)
V CHASHCHAKH YUGA ZVERI. (x4)
PEREDAVAYTE BYSTREYe.
PEREDAVAYTE MEDLENNEYe.
VASHI SIGNALY PRINIMAYU RAZBORCHIVO.
11111 22222 33333 44444 55555 66666 77777 88888 99999 00000 11111 22222 33333 44444
YES'T OSHIBKI V PRINYATOM SOOBSHCHENII I SKOL'KO?
TEKST SOOBSHCHENIYA CHITAYETSYA?
PRIYEM.

(CONNECTION CHECK. (x5)
IN THE HOURS OF THE SOUTH.
TRANSMIT FASTER.
TRANSMIT SLOWER.
I'M RECEIVING YOUR SIGNALS INTELLIGIBLY.
11111 22222 33333 44444 55555 66666 77777 88888 99999 00000
11111 22222 33333 44444
ANY ERRORS IN THE RECEIVED MESSAGE AND HOW MANY?
IS THE MESSAGE TEXT READABLE? OVER.)

80048 93915 28004 46556 26571 21439 87337 87652 33396 58270
65002 43425 49004 17585 55761 07091 11524 25266 40164 12144
17115 80534 81495 85817 31017 29977 89606 37014 70967 03373
93837 89653 17671 84781 92202 97361 32002 17326 69038 00446
83639 65097 98291 11095 20811 80630 74642 37740 35835 51380
39641 84506 06161 23646 95064 86712 15573 27363 20654 68328
85267 50224 38439 32353 69475 34546 90031 02038 95320 95328
24691 99890 51614 89466 88493 72409 56251 38897 54885 01473
56914 18077 25718 08324 44762 75964 61804 89097 85798 44208
04570 41817 99597 43023 41785 13796 40088 03841 14560 05393
58067 00648 67808 91052 50149 13459 61348 43567 23820 72354,
8384/ 24950 85 55519 36711 318'86 65867 39729 10381 23823
83428 26693 +9:8-?199 48856 93770 5773 08968 93947 4+362
99353 70796 94594 42549 32216 80560 99887 97350 77906 17330
74822 75032 19139 76578 81322 82931 56252 53239 35235 81224
69778 23287 58013 60060 99.0+009799 50757 28527 85013 44420
45307 88863 26503 60182 12070 94360 '+05+ 86606 29283

CFM MY QSP QRZ QDG2 QSD (rest unreadable)

CFM NIL K

SK

F01 – FSK 200/500

14363/12189/10346 kHz, 03-05, 1840/1850/1900 UTC

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

Something pretty strange happened before a scheduled F06 40122. Pofistal_975 caught some F01 with 1000Hz shift. Then it stopped to give way to the upcoming F06. The switch seemed pretty deliberate and coincidental. (PY)

17420 kHz, 10-05, 0540 UTC

17420 kHz, 10-05, 0550 UTC. Repeat of 0540z, cut off mid-message after 3m40s

14665 73139 35050 87550 65974 68671 14971 35078 26331 99600
92973 30052 66933 35851 63377 42585 09187 80725 81546 18705
94409 70660 06386 11606 66800 93815 37078 84077 46361 88465
48751 05574 24474 07096 56748 92339 55000 57176 64208 64049
31206 54519 72630 15380 37388 50178 60113 25966 92402 16823
56963 57172 27266 05512 73344 09119 64036 08832 58678 36395
88140 91301 97454 45910 31358 73014 71170 25298 07624 77434
41062 75339 68859 79287 31323 44816 73012 13493 17506 91246
81481 31067 49779 15941 28132 12932 65741 46804 27077 77578
72467 67336 11417 43509 02487 15258 20121 32408 73372 99204
75247 23966 05627 06922 16672 98307 78561 03406 86536 26954
28854 42418 80582 98251 21458 39822 08568 88219 47575 82169
30959 12739 29361 68977 64075 22030 36054 12142 70877 23349
41222 40904 79987 41851 75809 85836 97336 62545 56668 40259
11006 93284 95268 22535 92475 69732 16275 87691 50445 78238
40662 61784 96031 53559 13088 97460 14319 05366 78172 74145
59053 60473 35402 91302 12674 31735 27332 28185 78857 49525
40776 68546 99776 16768 25674 13714 15245 73426 61315 32485
05951 81414 24628 21281 87956 65847 40189 72986 50660 73583
16672 77918 55390 34981 99404 05367 36847 39823 93725 39130
74554 63338 38833 65503 26519 03252 36804 37134 42286 83883
66481 61203 97580 47733 36911 85355 17708 41974 60016 79821
81923 08311 47194 39171 25939 14632 59536 52128 84761 67885
66336 12898 43057 34636 91597 72424 85214 60146 53207 53036
62309 71934 24484 74907 18146 78746 72764 67764 41572 00872
54735 66293 37249 92739 73194 12676 32065 43750 24916 14681
55383 68253 94321 32777 88307 20633 72641 94668 90157 96422
07247 60726 59333 05396 10849 88722 30768 27567 85249 91279
00000 +++++

11414/9317/7572 kHz, 01-05, 1015/1025/1035 UTC

01220 13248 38412 74142 51280 99149 23171 60419 26239 47584
 12354 35407 16770 29278 21375 60140 22843 93074 14457 30703
 74761 14886 68099 89334 57426 62743 15116 38363 48755 32660
 42676 24155 08205 34975 42786 83283 76321 35879 38652 68077
 71271 83794 35354 93762 93277 75315 68281 74365 72902 40382
 47752 39580 24121 51379 23268 49778 88110 85852 15828 51342
 78705 97520 91756 39534 65447 75278 76460 21058 55171 94874
 31576 93521 58063 92958 43926 83982 49128 18164 99732 13758
 61007 38948 42520 81699 69080 12843 38149 83102 54785 46827
 95416 06458 58109 03498 15659 75215 55162 32727 69794 26759
 21802 33498 26249 45772 69218 75601 78195 94189 62433 35888
 43550 04918 57652 28752 36150 31510 19392 35543 31579 70986
 03338 62598 76038 01990 15861 82562 11736 05456 86126 38708
 17210 59994 11749 16921 86036 29162 63904 15062 92348 82818
 62870 64364 16614 19756 59895 82582 30096 83774 86372 63560
 61456 90418 56216 32909 93910 06529 32416 24497 66398 49822
 93679 57416 77189 00684 62108 18130 13368 43337 77852 77487
 54635 78617 31675 97280 24870 75495 91358 06046 89872 53571
 82899 48786 24740 13703 12432 40317 99313 58978 39796 76896
 55125 73195 39723 85861 72280 49058 11540 17924 49734 83257
 23354 11843 47366 80646 01650 86139 63326 34675 02224 37554
 45056 76285 23416 50925 57453 08452 47558 50188 56592 68554
 21580 45168 42453 85768 12721 53865 89092 25663 00266 04913
 75690 39193 89264 49902 66917 58278 57155 40255 16051 05143
 69236 48337 89287 07620 23923 37495 34682 37595 13732 10707
 44150 14788 12914 92533 81983 43046 27700 24063 78295 71354
 70070 75520 10854 96727 41001 06252 23726 51197 34118 26753
 56178 40060 95704 42435 80270 23586 01988 83824 70574 59370
 39651 52864 54457 47517 00503 40024 16381 45847 26251 91899
 54624 47302 64302 33982 13903 36757 20544 78293 42289 69401
 20026 70572 45902 37901 11500 56701 39769 20511 76738 73056
 18340 27330 30577 90466 94043 86897 22617 66485 77369 40300
 76524 85636 96874 34988 27870 92347 82578 35489 46435 46238
 61172 93200 53928 54465 36479 42453 73055 60801 53611 15032
 68866 96144 70252 90339 68334 20134 83503 23396 69086 08575
 85739 17850 73234 66344 47906 36207 07246 70475 53686 64446
 13780 73110 32997 73217 26439 18995 68229 42814 63365 57212
 71687 44100 00625 51856 57647 92576 11309 21298 57491 17790
 81306 60763 51342 15251 37659 27907 14640 73065 50465 96041
 03092 90460 94245 04750 24452 30387 79732 62537 70536 73397
 91988 81226 07950 64979 95828 46772 50921 73530 94449 56199
 64725 01172 52233 75333 73089 14572 17637 97021 68059 87983
 07124 04530 45725 75679 36063 60425 00000 +++++ +++++

11414/9317/7572 kHz, 02-05, 1015/1025/1035 UTC

99726 58394 57495 12801 68237 64493 88839 89289 27163 29710
 08778 62848 87230 06186 45574 87560 57710 09483 98101 38142
 88911 49823 85814 28537 08927 34529 54673 10299 59287 65086
 56214 36696 59242 77270 41956 03479 53339 97786 40321 02241
 21981 15844 08262 47317 59674 93107 74790 62157 50631 60474
 18580 36104 96422 75094 46845 87522 75374 36090 67669 94214
 38385 82399 72986 77053 70856 21190 74388 47785 75431 60272
 58955 56916 55210 42960 57289 02649 02150 08803 40944 86778
 20327 28642 91442 28510 38746 87413 08055 72114 93387 13149
 46535 49376 83188 75600 06012 82760 29626 02934 06197 40239
 94609 61101 00000 00000 00000 00000 00000 00000 00000 00000

70313 28406 38872 30887 12753 72872 61505 40396 16122 39428
 95878 85362 32134 03809 81480 42304 13770 57849 87125 78520
 88612 69901 81802 50057 67430 21526 86860 06413 86462 12635

70488 06670 06821 52282 70413 76739 19467 77286 55757 62410
29192 65869 63998 57877 16033 38508 73957 14457 97573 63175
00769 59152 40558 07165 23750 77788 95263 02688 83125 42361
51054 18420 06535 87337 36574 54204 51263 64546 13005 01071
73132 31388 33820 62073 00000 +++++

11414/9317/7572 kHz, 04-05, 1015/1025/1035 UTC

62039 91521 82695 70291 56468 01208 83581 60729 57343 42299
38913 18305 07534 93365 37710 43956 65890 94547 85036 59850
02511 67588 20939 97835 09713 14490 32451 53217 39680 49462
32106 71053 04698 43866 01385 57164 00926 88825 22547 31026
41642 05211 47277 62756 10906 55663 75585 61362 73554 38371
43396 06451 02493 67256 42274 40576 09210 68286 19706 64431
88444 46580 33392 02046 12959 04007 57981 28198 39340 11955
67679 75223 10779 68969 43179 61398 67754 97938 76337 08099
02576 62519 71053 37915 18693 07483 63764 70908 80745 52685
12021 61204 66265 95325 24551 41098 54974 64097 00000 00000

07840 86306 44486 88367 16470 44322 64651 18424 06961 68029
90543 40045 52697 69165 79848 11641 70714 32769 32156 78120
95291 53947 16526 27425 54390 88791 69838 01069 16107 55400
45648 57122 97335 45932 18199 09075 51822 35634 71315 89009
79800 99775 26835 08535 26403 74438 92287 15910 61021 22084
32488 72793 54814 87842 94757 99061 98553 57475 42434 59135
27977 52915 76375 88234 48862 26358 49138 82030 78982 38821
01520 98096 49154 34106 76149 42625 30550 65077 00000 +++++

11414/9317/7572 kHz, 05-05, 1015/1025/1035 UTC

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

11414/9317/7572 kHz, 08-05, 1015/1025/1035 UTC

25869 13248 38412 74142 51280 99149 23171 60419 26239 47584
12354 35407 16770 29278 21375 60140 22843 93074 14457 30703
74761 14886 68099 89334 57426 62743 15116 38363 48755 32660
42676 24155 08205 34975 42786 83283 76321 35879 38652 68077
71271 83794 35354 93762 93277 75315 68281 74365 72902 40382
47752 39580 24121 51379 23268 49778 88110 85852 15828 51342
78705 97520 91756 39534 65447 75277 76460 21058 55171 94874
31576 93521 58063 92958 43926 83982 49128 18164 99732 13758
61007 38948 42520 81699 69080 12843 38149 83102 54785 46827
95416 06458 58109 03498 15659 75215 55162 32727 69794 26759
21802 33498 26249 45772 69218 75601 78195 94189 62433 35888
43550 04918 57652 28752 36150 31510 19392 35543 31579 70986
03338 62598 76038 01990 15861 82562 11736 05456 86126 38708
17210 59994 11749 16921 86036 29162 63904 15062 92348 82818
62870 64364 16614 19756 59895 82582 30096 83774 86372 63560
61456 90418 56216 32909 93910 06529 32416 24497 66398 49822
93679 57416 77189 00684 62108 18130 13368 43337 77852 77487
54635 78617 31675 97280 24870 75495 91358 06046 89872 53571
82899 48786 24740 13703 12432 40317 99313 58978 39796 76896
55125 73195 39723 85861 72280 49058 11540 17924 49734 83257
23354 11843 47366 80646 01650 86139 63326 34675 02224 37554
45056 76285 23416 50925 57453 08452 47558 50188 56592 68554
21580 45168 42453 85768 12721 53865 89092 25663 00266 04913
75690 39193 89264 49902 66917 58278 57155 40255 16051 05143
69236 48337 89287 07620 23923 37495 34682 37595 13732 10707
44150 14788 12914 92533 81983 43046 27700 24063 78295 71354
70070 75520 10854 96727 41001 06252 23726 51197 31182 67531
56178 40060 95704 42435 80270 23586 01988 83824 70574 59370
39651 52864 54457 47517 00503 40024 16381 45847 26251 91899
54624 47302 64302 33982 13903 36757 20544 78293 42289 69401
39033 67572 05441 37901 11500 56701 39769 20511 76738 73056
18340 27330 30577 90466 94043 86897 22617 66485 77369 40300

76524 85636 96874 34988 27870 92347 82781 35489 46435 46238
61172 93200 53928 54465 36479 42453 73055 60801 53611 15032
68866 96144 70252 90339 68334 20134 83503 23396 69086 08575
85739 17850 73234 66344 47906 36207 07246 70475 53686 64446
13780 73110 32997 73217 26439 18995 68229 42814 63365 57212
71687 44100 00625 51856 57647 92576 11309 21298 57491 17790
81306 60763 51342 15251 37659 27907 14640 73065 50465 96041
03092 90460 94245 04750 24452 30387 79732 62537 70536 73397
91988 81226 07950 64979 95828 46772 50921 73530 94449 56199
64725 01172 52233 75333 73089 14572 17637 97021 68059 87983
07124 04530 45725 75679 36063 66425 00000 +++++ +++++

11414/9317/7572 kHz, 09-05, 1015/1025/1035 UTC

00735 69227 79557 32299 35176 39002 98207 84098 35247 86411
79035 49627 82251 80261 52479 88089 82252 71033 96790 70018
59275 25662 05705 09372 84547 67497 56985 00027 27720 26129
30293 98850 40987 76758 47802 22552 12057 53812 36011 50477
46916 08478 32184 50557 68302 44855 83852 70587 40851 89412
14829 62023 58829 73421 56155 28487 57409 33074 65432 16165
33417 56965 82967 88289 86484 35618 98175 50888 16558 92757
24667 21996 38682 02999 07473 61503 01014 25659 10827 03841
16995 10827 03841 16995 29476 67085 00000 00000 00000 00000

86476 47803 27735 79471 51380 66342 89658 30818 94786 06888
60642 80432 83435 88469 37472 95423 43767 72751 50811 15808
84325 19815 62853 36504 74514 25673 73659 32798 40632 46215
59632 46439 65138 37268 92549 74578 02746 54501 26089 28723
30577 69518 53904 55891 49441 76893 45796 39176 28641 05040
83579 19876 98769 02410 26920 08405 72324 08609 69476 76157
71775 38504 28152 45514 48359 19933 75411 20184 02531 39719
43106 23066 42016 77676 11233 68075 00000 +++++

11414/9317/7572 kHz, 10-05, 1015/1025/1035 UTC

89280 17874 93489 35890 00004 58589 53934 29398 58633 80525
74272 17866 02328 43194 95584 99340 59588 55371 68178 32478
34204 63622 37943 87018 51418 51854 87862 70150 83481 37843
64407 77190 96793 77670 43470 40011 87800 14008 15536 71665
99871 29189 94787 30639 38296 89002 81816 53166 25631 88140
34639 27055 64560 33255 27696 05446 00459 24540 03536 83961
00857 21791 46850 89657 93983 05872 35574 55240 33578 71533
48709 76968 82163 12515 35584 79688 29958 84864 76226 37431
91623 59426 87527 23016 48033 99422 54908 85095 25240 24069
94148 76082 27851 44164 73085 79383 68973 80590 47866 09396
63934 01663 93431 82695 79959 40256 32931 83848 58992 76666
95744 74290 55844 98150 95817 17713 58876 70902 50965 20390
85367 85975 24874 09881 68796 64131 26449 00556 80197 31504
16222 19362 50782 01453 22495 90301 88023 23728 30906 01018
02387 86856 40116 99962 86884 84686 38288 97558 16658 83032
80061 69810 60760 47358 68697 87786 23341 17423 73091 21423
56404 39847 34332 91082 11344 94523 41502 65299 21430 75810
81403 28156 32446 14447 91895 64728 23649 51135 73536 38031
86259 97715 39207 55905 51652 46875 06419 51289 86442 16330
61975 24298 96653 38422 53696 19566 08158 31060 88867 37268
15568 10943 44126 01287 16783 35010 16453 32932 75351 81052
69970 03667 77872 03417 58224 65282 78586 24749 26647 80944
48372 40708 24876 05556 70318 11592 83629 88880 49072 87806
35820 99847 26138 45129 86591 95495 18325 00683 61968 82977
21523 09581 90808 82486 87003 15162 99747 48614 82420 22765
25807 96368 94712 82975 76379 75632 17082 95280 91257 72158
87248 68072 86400 10740 29153 95935 84129 24931 95312 40164
59435 07336 12005 23427 57086 13898 94469 74539 59223 20634
24323 84269 08134 56241 06360 58111 13887 59028 46444 79776
01520 31597 21161 01726 77460 91710 20938 82490 19882 42801

01298 58715 22661 12535 66949 60860 47646 32883 66401 49703
64910 60137 85776 54172 85675 58303 59523 93658 17611 94304
40213 95730 97167 18451 94597 45202 78667 28587 18133 25485
84803 41381 85144 38160 48263 19169 76823 11713 99147 25811
54241 35366 77880 09985 68574 78946 78294 39360 25724 84721
50575 34086 47513 42155 18765 73041 96655 81496 92498 71260
57687 47172 77662 52006 91031 36884 15674 61894 02407 17378
06061 02534 94745 52806 92019 77096 94825 06626 13662 75277
71795 02969 58617 45060 89777 58424 64688 24750 61747 20167
54244 33682 96864 71367 05036 45073 58448 89835 87136 89429
74790 70811 20667 61964 69981 49861 34022 32457 06948 86807
27265 80984 59882 96629 70388 07976 58255 38278 91127 92021
69597 97332 32007 93867 13240 23450 81317 30043 22196 08528
07707 64554 95376 16534 53063 69435 00000 +++++

11414/9317/7572 kHz, 11-05, 1015/1025/1035 UTC

68871 64896 43465 07755 07533 28689 23729 60011 45689 14654
83679 81393 15712 55235 13443 37047 90969 30436 53827 10001
56500 89929 50643 91488 54389 48713 76693 09657 21046 42221
51126 45084 58556 51862 10839 06557 07314 36895 13626 65535
12096 33593 77743 72751 98797 07631 87592 05365 03986 70630
20206 18137 24481 96805 72214 97031 79141 00641 91995 38703
00047 61546 46688 04301 95255 06416 78747 21021 50340 86039
31748 29859 60877 06299 50109 02984 13079 00084 82432 79182
54757 50867 43144 90804 23813 03890 12116 70087 00000 00000

99157 18607 28042 83938 70923 87826 29529 85417 33987 08740
98286 31324 79885 48862 96093 26529 87827 53530 71081 93986
59087 36611 05067 80152 87824 53352 71523 13614 98016 03791
46401 27893 01192 40172 38947 84338 54650 76805 34742 56053
24861 25799 68136 58798 85724 07115 66255 39805 06381 06374
31788 60435 08262 78852 56720 33626 96064 23112 84221 02057
92341 72689 60860 67976 30389 79295 46339 10632 85125 85953
72933 52226 46643 13516 71835 58353 66128 08997 08566 83839
28825 29163 94663 99938 33744 57810 67835 63803 84791 80173
57741 71091 00000 +++++ +++++ +++++

11414/9317/7572 kHz, 12-05, 1015/1025/1035 UTC

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

11414/9317/7572 kHz, 15-05, 1015/1025/1035 UTC

40581 88124 64994 02253 63857 27268 40429 07616 79553 89917
73258 63296 83907 82731 99079 33887 07853 75288 15381 29748
92814 97841 64026 88203 40440 08694 61891 95464 65932 79637
21829 60202 09692 72907 31153 74724 86943 08065 79831 24686
80042 42264 55573 33273 03139 12340 47996 50797 93891 12146
29065 25634 11934 03576 01987 17452 48744 84730 35755 38660
78648 63637 27512 35017 05613 10981 59949 41338 85526 90268
45902 73238 28665 88886 77341 40846 12010 98456 20952 95426
56124 17959 27474 44856 46264 78044 47005 98879 02416 09969
67448 30090 27948 07605 18288 61567 91563 55943 06888 17121
22240 24553 79496 95057 21844 49404 24146 51433 25111 51516
57633 03701 61677 65861 63770 90722 99847 78951 75093 50053
76784 98558 15212 98452 44824 04008 43998 26561 88578 50460
72786 43662 92530 25650 41784 33491 63814 82493 76882 07013
39840 96020 68037 63106 35490 18049 36429 93101 09536 28062
82577 90098 54993 03710 32599 49011 43084 59378 24798 68267
75500 26256 03776 89113 24659 72355 14249 33448 66624 85899
11760 26130 36410 70530 32473 12696 60312 25777 89234 08429
44995 11203 86094 39709 27996 17695 68472 63587 19346 94308
51151 76516 88989 04121 91298 48190 79694 07530 98682 41401
50136 96423 00300 03887 77846 27670 01565 43080 76709 29366
11288 19699 08704 78265 22598 21138 94560 71850 67010 00568

53041 43454 83839 92704 23515 93905 72109 42168 51523 38094
17194 05384 42023 89933 09334 11954 09986 34128 96246 96434
83058 58198 37000 36469 35952 43202 49348 58199 61265 36572
67703 94902 06413 55535 53952 09786 31359 94522 28278 18886
66842 35032 12202 74994 77769 81358 01010 98558 61478 70651
07766 66497 35547 30720 46095 94861 94843 84027 43921 76273
42503 21323 05353 58101 24517 93330 62893 72281 22617 93949
87183 52747 85159 33389 46439 01392 00675 24690 32786 88494
43786 32054 97683 98569 48176 54436 63609 57558 86292 42819
04207 02301 60479 74624 10073 78237 35222 33684 82379 76270
65196 69223 21520 44716 98796 32275 02949 37299 61849 12982
57432 83116 51185 27211 97871 89513 92761 25919 59892 13805
44028 25718 48405 64783 45209 84061 07292 19949 49211 67502
54440 69399 84818 86446 49290 22319 32890 94861 85087 37000
20218 78352 23033 60341 60761 79056 10515 87753 98928 30798
50606 79410 34590 02926 15028 93789 34523 76284 17749 24434
59975 99751 91415 50873 65016 00782 33815 39644 45384 48382
16527 56342 42514 91979 72984 74650 32416 24593 08111 93278
54117 43771 96723 96744 57331 08708 62903 20946 74064 17001
57496 09453 43823 72413 00000 +++++ +++++

11414/9317/7572 kHz, 16-05, 1015/1025/1035 UTC

73396 36224 00124 23606 61458 82971 68361 10297 53683 92215
83113 05094 58930 05110 32752 38406 47470 39657 74390 39431
58441 32241 68427 77609 51325 16669 40912 43232 52743 76905
40943 03145 78741 77242 82609 24949 37252 93343 07243 28441
40412 92613 52480 56779 81441 37314 88118 67418 55751 08878
18164 39633 30985 76840 21923 03048 95668 60855 57787 25276
41160 59197 99527 62155 56592 42215 97297 31526 41490 34158
80536 96473 65744 31831 44948 68983 31647 33484 90748 69948
17660 76410 04382 06455 08602 06666 00864 52295 41964 29354
68971 42638 25015 12919 86446 18799 02396 45875 97403 73099
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

64014 75415 16743 85842 72850 86566 29119 39687 46334 97453
11748 47996 34703 28388 86770 99381 45536 14897 94981 88606
81637 90893 80439 83405 93860 46560 48619 58974 72314 78120
84027 29821 24384 71693 38238 33674 13006 88424 24272 47127
53635 43062 78254 37703 93340 93189 74306 82041 20466 81283
03593 04877 78294 96790 53460 18516 81161 50416 47624 67478
56434 77801 33316 08014 60817 14791 26345 77157 44409 11458
50011 31034 60947 77098 28799 74075 00000 +++++ +++++

11414/9317/7572 kHz, 17-05, 1015/1025/1035 UTC

58586 68752 41599 83787 38671 84962 61661 25695 45140 46802
42452 08220 53644 83860 76103 96684 89110 87341 26521 25051
68485 52706 99594 40711 93460 87013 98660 75556 74532 73000
63655 35491 47360 94592 17398 25603 67330 53518 67438 53156
93303 31735 36916 75609 96433 79335 22847 85839 55043 32630
05304 51758 21460 92100 55902 52512 71766 14895 19044 78453
74398 01563 64357 87066 38526 81722 33756 32036 28161 28335
31572 07655 52920 55283 31189 75742 71389 77931 96620 67275
68022 41371 42463 75914 89508 46027 80666 85606 51558 25305
27561 99462 52030 54991 69574 62092 51342 99070 11074 92576
06111 21657 52780 70281 66947 19728 74186 40684 76352 56344
18409 33411 27644 99051 02928 09665 70861 93134 04639 81241
76574 24433 92657 68308 93548 51391 07321 88145 61185 11031
08809 92026 62689 28540 43844 92440 29903 85165 03884 47817
35723 24085 73257 96977 35069 98967 90690 60468 40310 94884
72630 50977 42115 76281 71839 60026 11638 41678 69673 13113
44997 89806 25486 10502 35973 26853 31607 95846 87869 69502
47319 19833 00467 23474 10276 91021 93018 42232 48804 31096
49212 95554 43516 76687 95043 02663 11679 94965 45543 09579

12774 05196 81280 15415 98690 23428 40596 77276 56974 72530
38490 48460 20594 24737 48110 29647 42634 68897 05778 37767
59385 19631 25482 22230 90232 10556 33784 83204 47805 38789
61072 71634 56825 52907 50103 75685 05070 01546 67758 23304
74915 84832 30972 55570 28871 75847 82742 50548 47568 04276
79194 02309 43615 19469 73601 84811 99778 75079 08324 55345
04915 02470 50595 77197 86090 65073 33091 66261 60334 10907
85220 91242 54459 65407 66083 82178 66378 31795 35015 26940
66372 91138 20678 60406 61733 19319 74612 76011 73218 63070
20215 14336 96765 42294 33047 08434 48899 70831 13437 90595
19258 12876 37307 90209 78699 17220 96156 77443 16402 96521
62143 32392 04407 43781 39199 44419 13045 03203 86120 71354
25675 37650 22570 13241 26177 59862 53921 80322 57640 19634
75892 59955 75674 64131 44903 12138 44793 13550 25086 48334
51295 19284 47904 73288 31093 96808 45294 94521 35917 50452
42292 29178 86334 32253 20063 62937 85030 02085 85276 40652
88766 81241 06776 93421 62483 16662 05459 31770 63957 97987
08328 59633 32471 94648 02635 88827 79914 05141 51059 58699
07778 35714 53858 90632 98448 50627 68932 32114 54271 61187
25734 70027 82794 45732 93963 17886 51644 17770 92983 06662
61474 84438 52900 33936 10405 62496 63240 51017 48417 44011
70154 92750 45119 28947 08111 79679 19328 66833 76978 47271
03908 74704 00478 81863 44300 23493 26897 68051 54180 10070
58052 75421 00000 +++++ +++++ +++++

11414/9317/7572 kHz, 18-05, 1015/1025/1035 UTC

54378 34066 22939 50444 83577 51814 53543 28313 74792 05432
50251 59543 92363 15126 81656 99880 53860 37963 54153 61639
97582 24108 86903 57295 44296 44261 42760 22877 57896 11723
32343 07063 34685 47525 33440 36950 75945 62063 92930 96417
23507 51675 03412 78024 62991 33594 71727 94378 24409 67717
21571 59921 34820 38640 97362 79052 02727 96361 61581 01547
38890 79137 02744 31188 43263 66887 96210 98569 12726 38615
85018 33982 49305 32262 72913 01352 73573 30445 46783 79134
72904 20508 70669 99131 39292 02330 18549 79150 76394 42320
38071 76091 00000 00000 00000 00000 00000 00000 00000 00000

91958 71777 70105 27178 11013 04105 72005 12887 95121 75040
41447 47878 78794 86119 06000 44473 71075 94736 88558 71719
65030 80356 32123 48013 44602 97533 58655 04128 43514 89183
29201 52592 35919 58556 97473 24358 63460 23323 74083 58683
28462 00248 43598 57181 07904 93844 01616 37962 67901 87490
04057 50813 83346 60408 45840 39352 92420 78970 11149 61090
40657 35757 62460 01338 94236 34798 60535 41904 27219 46456
32553 70512 12375 80368 30574 41878 70329 49891 47528 26386
56690 26489 82904 77083 00000 +++++

11414/9317/7572 kHz, 19-05, 1015/1025/1035 UTC

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

11414/9317/7572 kHz, 22-05, 1015/1025/1035 UTC

96119 39992 66834 32116 07268 18665 38415 98988 75812 79061
62661 00970 36634 73595 66657 73557 42596 18410 65265 36838
98005 29450 85262 34930 49599 46142 27470 65370 27240 03607
71556 21890 51499 39334 53204 98987 50314 45287 68328 31776
51961 01335 84027 69503 46411 50984 60973 06218 32391 05326
16899 16988 92251 86144 85896 73131 61856 44124 53202 34888
87683 13092 70155 44961 88315 86233 79021 71391 62517 25214
02365 73168 11078 38155 76660 87046 64611 87388 34837 58979
34509 12938 67421 68628 29208 82661 16991 20373 02998 04985
85620 99256 29519 65180 59991 15325 17165 71107 83871 84761
08563 19372 32650 21299 31323 17830 69601 36301 92249 25373
88578 70989 32189 94944 72824 09229 83716 30707 24578 44316

98841 95315 45171 98212 38916 28218 70298 16660 43939 60936
90155 88599 23448 40248 09125 63361 36173 95229 24701 64032
50650 09067 30338 20460 03984 81605 71915 70319 00931 93551
12504 01688 20519 08268 85112 35552 22356 72116 38125 71708
69846 99261 03085 46466 12483 51893 39540 75613 94412 51787
36627 81068 81452 84161 76072 24663 23758 79746 86313 97494
96317 86024 42424 38276 84471 63555 91517 79132 06633 68345
08333 42274 91406 06190 10684 35987 51290 69919 89459 23376
20142 95498 32857 62298 46606 97908 49547 39934 60688 72753
20450 50408 55654 74522 33811 88931 52455 07455 83269 60875
38854 89940 33594 29224 00456 78386 83791 48848 85805 61501
82259 61029 72772 60921 73681 46676 28375 99126 82342 61670
79266 20574 61566 02780 35034 76999 63947 77569 31537 12807
12066 76766 86439 11500 74396 72488 84137 89083 76057 90799
32275 45379 99129 32020 57027 09178 52202 37216 29335 38192
13851 24334 39292 59720 79721 42389 60859 62976 67926 17165
74099 79012 62416 86849 37120 09182 99036 51057 24911 88072
23943 81653 77260 91850 79070 68854 22944 27949 94336 00996
72373 67046 91275 01447 95881 03266 27782 71080 29847 53533
38657 09756 77833 32035 51641 15236 98941 60709 83626 82984
00548 01709 46724 55284 77632 22780 18897 93103 65871 31481
58811 69156 00692 39193 69635 05594 99461 40847 41430 04760
09025 21316 26860 46445 85745 24404 29877 50096 00260 45366
12088 25389 84131 32909 46488 59628 60577 11592 73234 15398
26472 60582 37168 36899 77802 09698 11759 88424 95772 38662
39160 73394 35736 90529 41067 07395 86152 35206 80067 43663
89744 44001 76158 74448 44057 61154 08134 56686 23593 83274
54522 35434 90718 82624 53759 63489 87531 35189 88288 40648
25866 39472 22276 21015 17633 36944 47624 61831 12685 70095
17975 12235 36378 39022 75385 65404 44034 42486 99374 22519
34488 14378 33012 41968 89898 91538 65749 78427 00000 +++++
+++++ +++++

11414/9317/7572 kHz, 23-05, 1015/1025/1035 UTC

76935 56427 78462 75906 46346 74142 13618 50873 48677 81020
12678 12388 01688 45021 86313 43177 40850 27767 38911 21493
14053 26779 23474 14378 41625 44362 29822 37413 08885 19094
85784 79430 83394 80850 76067 15584 74107 15300 08476 57251
74605 48808 82202 12181 57589 89694 37840 53334 12848 86768
93829 19859 45851 91093 99011 98620 79189 31906 55993 59747
24027 42636 94986 44611 13762 97961 02835 29690 17080 47837
36896 14741 72595 59426 78482 08738 12256 02893 05532 11989
65706 41967 89207 17891 62798 15239 44117 82747 76432 19111
86819 37092 72912 28350 82333 79095 00000 00000 00000 00000
42520 61818 15683 02945 09346 18801 13202 45262 53048 90354
98581 22248 48463 20168 12808 26501 71950 31814 57604 60946
84688 38970 15296 81916 66847 10035 40651 02098 51075 29333
35633 08032 28751 22080 42992 71853 27410 35309 19654 61948
82813 91944 75821 82236 54079 60204 90738 94741 55314 05521
41060 05164 02192 17174 02741 16113 96904 26809 12414 77718
99939 61051 99168 90283 62100 95374 22678 38677 15222 01439
78615 63150 45021 80073 00000 +++++ +++++

11414/9317/7572 kHz, 26-05, 1015/1025/1035 UTC

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

11414/9317/7572 kHz, 24-05, 1015/1025/1035 UTC

57602 13344 36073 04732 22511 06035 32746 16590 36282 07352
01936 77013 18104 51590 81887 86090 87721 09035 56809 03807
14772 51381 77744 23139 27983 16482 80016 26055 38921 45835
64451 58358 59977 93269 34552 84320 21284 28266 06823 07042
16237 82326 36419 65458 30321 11868 25322 43963 32934 76046
05217 55549 36865 52958 12269 84432 55161 42663 95975 99079

10022 30464 29299 71592 73451 08864 12243 64367 44319 81669
86080 69982 91550 98652 00417 15247 18104 94209 00266 65339
25444 28475 25336 88994 83190 54305 38711 70650 33626 58580
27113 80511 85755 51261 39933 38460 78625 00639 59222 32750
18509 38207 17822 79425 19782 81611 07833 33397 04047 49090
46598 87119 37262 63866 92397 17801 09545 71914 27030 69086
87339 21543 47487 78151 92634 78234 33889 84143 88917 73173
85877 78910 78556 08902 44662 85943 41297 70547 42884 78491
68557 16049 49514 72768 73208 43829 01948 57190 79539 61339
42498 43594 23078 02927 01473 51361 14961 70454 94015 60389
50553 95107 22911 93850 66980 43838 04528 16672 79279 18865
60099 60674 49856 23687 39517 12313 70919 94035 65842 23949
64599 17198 45697 34593 30427 88169 03753 11068 94865 76052
48475 45505 42575 99144 21335 70138 34109 32163 30660 75310
39721 94032 84318 41652 43976 89668 92425 22343 00840 04219
32251 36422 43958 73168 92524 59062 81788 76770 39326 19759
32287 32223 70740 44362 76834 82048 52474 01901 38085 02090
51609 42121 11430 77580 10698 34693 04762 20719 29371 46009
66230 28176 45656 14521 04665 01994 34187 10545 32373 82290
63502 91483 84976 65224 79600 88392 97998 04648 07968 84828
44863 20889 91240 73925 66022 65103 04702 04630 43872 12626
16795 53027 03162 83764 86851 79716 41581 15476 17208 59144
20207 32355 01904 91854 68499 90375 39152 35592 79279 18865
60099 16176 28210 94896 68732 04112 57931 66256 02110 67855
30776 50242 66452 39673 80518 52907 52944 55044 57379 64484
83418 51528 66126 68650 50465 38049 56230 12060 58807 70519
43762 32554 60133 94758 69706 69511 98574 42628 24399 04758
09013 92326 92756 07480 35412 28787 99998 81587 61354 65101
62546 38946 69966 10929 73781 46927 75435 98802 79359 23721
93291 04294 21755 79829 41644 20955 58743 29193 90567 75984
85482 18388 01815 97562 14909 47316 26055 69769 96109 79852
49813 36047 75379 67853 05309 37136 29636 36997 13374 94416
26888 07867 42641 74600 93439 50735 17187 96705 92525 97465
49827 67256 44051 58990 27232 54646 40141 21790 86072 38585
36174 81401 00000 +++++ +++++

11414/9317/7572 kHz, 25-05, 1015/1025/1035 UTC

67724 77427 00983 12352 54075 96676 52582 36463 51973 06770
75497 60452 54824 14748 80007 86082 98275 08007 23869 81016
90046 47187 95511 88550 27352 97049 87176 87053 62864 00032
81433 16312 05146 22162 99519 12938 64492 26031 84917 22068
80124 50490 20642 77500 89664 01792 03646 67487 26835 85827
24794 28360 58318 36178 27841 33164 95712 17645 45852 67513
43522 09961 38501 09830 69128 01363 78684 58170 05656 46714
61892 70817 23700 69870 36768 12836 32836 14964 80295 25766
98844 76305 66058 62651 87604 61586 98994 55588 71581 68071
15104 07978 59849 82093 00000 00000 00000 00000 00000 00000
03011 69960 42895 11791 68914 00412 25489 04883 77078 65187
21393 05749 94292 46456 57529 04444 23065 92864 32680 47593
35063 30499 91017 99780 46838 85262 52761 90593 23780 46374
50400 89490 23218 25661 43927 75695 12636 92342 13500 95295
23906 87993 52957 22733 29510 51362 12879 68881 51662 07748
65808 02889 40279 02612 93460 79981 80739 84114 17961 92405
17366 64267 26394 85712 03561 13384 61810 07548 14549 67522
79175 81161 83647 53597 89705 20808 48014 83077 00000 +++++

11414/9317/7572 kHz, 29-05, 1015/1025/1035 UTC

65096 29309 35875 55519 72403 58044 44413 52485 25848 42084
17356 24176 35497 27837 41390 59258 78345 43619 49769 57380
94504 74331 63751 83584 78012 09280 00446 51335 10715 05329
57336 88844 12653 32575 09392 68387 07383 94724 79711 03294
25690 41370 69650 42301 96100 14346 59346 15960 95663 95349
14602 14780 59413 47035 61044 03793 71967 64726 11518 03242

89686 80989 57623 90059 66842 90201 61369 99843 84223 85343
07845 33998 03622 24177 04879 01752 96634 67008 40594 51712
21220 53217 34825 72668 44448 08753 45307 68318 34875 01759
14599 35603 72985 88544 68656 01349 53143 17069 03009 96894
75473 80132 17473 75396 51137 35463 85331 01491 69410 34885
67931 68015 00024 29758 10622 19464 29189 44873 80980 86866
52760 37990 35263 63788 74956 87210 24015 78119 86091 73370
72774 39365 17740 49635 98816 66099 98788 15498 49865 23293
60803 37348 75723 24184 66142 82821 68738 76392 57274 61098
34066 76954 50707 86349 75646 85979 24005 06518 08846 33593
69289 64611 35694 39888 11694 84709 43661 52530 16194 99866
13898 31746 31249 64083 49894 37345 42711 15569 62483 97495
36407 83439 72131 63912 92864 55076 14447 83168 62599 46306
59853 38802 95400 41609 83356 43910 22071 96525 45354 88925
12031 19464 69407 74249 55248 75088 27931 82437 41922 76474
71726 69626 38352 58224 64305 80881 82442 47722 06927 19164
47269 76730 65307 22590 46152 00495 33914 29690 77667 16563
98805 37332 34042 00500 84938 81015 21363 00673 98884 92211
65034 59325 02902 12450 98937 52089 81276 68816 61714 63152
84909 40582 48609 38256 65039 71616 92329 82709 32080 08302
71340 96617 00487 67612 69032 64493 05595 65069 32217 41459
03369 57233 02367 03221 89003 78444 18055 51986 95300 76485
12015 95543 56781 76855 51274 41662 50444 30351 93787 75011
49132 23627 60013 08797 48433 57439 42868 28280 53043 22248
04498 68383 33558 25877 33302 92570 89590 52900 59654 65177
80193 60466 53742 34386 07491 40228 53982 68039 64476 01077
99436 09467 82909 52364 64668 45520 42240 92297 20478 04004
25516 31202 68954 22691 33189 04333 26285 57101 90783 53920
51752 19239 11332 85151 46357 64482 98548 25755 69515 68793
01658 43888 47255 63456 57814 04022 70353 19518 83069 65486
05853 99125 97803 53394 70399 15944 97564 56601 38823 71847
05266 32421 86425 62059 65657 22747 88381 65946 68029 11305
24716 65638 08067 76693 64280 59672 24810 20922 26176 63835
73643 78117 42049 16414 21261 33098 67706 30015 73545 04498
17486 57159 72281 72129 19816 61838 21674 53269 17403 14206
30569 57559 60490 50605 81350 75212 66614 66120 61424 78199
45309 31830 18245 39112 11182 53954 23807 97401 33814 17087
59557 84431 00000 +++++ +++++

11414/9317/7572 kHz, 30-05, 1015/1025/1035 UTC

94514 14800 67743 59617 27539 98796 82789 13578 08082 40677
15265 27552 17088 87128 83444 92105 78347 86963 55684 45481
40377 44264 34891 89683 25583 07953 25115 17209 32647 27468
28713 90601 03075 29256 47516 42033 87838 93737 86433 85089
75054 37455 82940 55949 64641 30084 10880 26149 00876 00996
32020 54114 98804 15054 93800 67645 25443 22341 96711 94557
21687 11499 79734 83639 75896 21365 97290 83143 85065 90602
86127 68974 64537 50005 45589 39778 92186 87156 79697 21110
98009 38158 74491 45874 35072 86076 09055 03215 92728 70830
23676 85091 00000 00000 00000 00000 00000 00000 00000 00000
41958 45521 20366 25286 56014 28602 52794 37676 94887 36000
97037 05600 20299 53251 40417 38885 22477 11940 18082 74387
66243 13891 02702 68198 70795 23811 36439 99273 46610 47579
91150 14178 37922 38373 67747 67635 44199 97802 70649 38559
19063 64264 18279 26261 70086 05682 75524 56527 07911 58833
19116 52239 18116 82441 71846 48238 54275 16228 66581 55111
75648 63110 25985 01594 77936 36729 68915 10270 90543 41493
79411 86264 38773 86073 00000 +++++ +++++

11414/9317/7572 kHz, 31-05, 1015/1025/1035 UTC

76887 84721 39372 61423 97721 44713 67519 70093 59754 50649
41017 57604 58075 41958 63388 77406 90849 44860 24121 67560
50932 76120 56043 12210 34018 64091 25302 39025 38205 72968
96411 63243 77929 41219 68121 85705 67919 70093 59754 43340
69356 23188 _____ 58469 55193
76786 35109 05868 17233 96111 96810 36926 71104 87564 10539
17874 87282 75173 _____ 41045
06100 94727 33192 15849 38280 48700 79629 91042 70065 90498
22017 65181 27826 95015 25034 91701 64001 25698 87138 44029
26359 99578 59487 82900 18362 07877 42680 08849 05342 65598
28526 39781 46153 88585 79018 74602 55016 21437 59699 28797
23205 64745 69614 52938 55303 75099 35029 70023 99691 36259
59104 92619 77953 24979 44722 05709 42910 19882 32633 26207
19941 26848 22133 75079 11302 19339 66440 22984 68114 17101
59971 95395 59722 51685 59696 48137 95095 92242 07765 49257
75971 29949 47588 28192 86427 44638 50568 78154 48560 01951
99655 22683 98972 54497 68929 82277 65739 45468 75379 02091
50561 38121 80092 26568 45769 19579 21011 32018 40890 52391
60465 53022 98444 72280 67664 63623 03672 55517 49328 99250
17870 04364 70652 30294 90031 24022 33794 23280 06478 89522
06066 50582 83155 25989 15020 34606 30308 50725 52617 37381
44190 50552 55667 31502 05528 92833 54722 13356 89392 93638
08616 44570 16206 91463 66837 32623 98525 99960 26921 86548
63336 38109 79044 08681 54507 61259 55025 08365 45112 41505
23889 48587 14305 70794 01221 61441 _____ 93391
11107 34087 91359 66248 91750 41656 63741 64813 87675 35915
03816 87111 98951 41899 35173 18171 61039 63549 85691 13263
_____ 01563 18373 86250 50286 46150 91243 07223
72897 21298 44142 91011 55798 92985 75497 47410 11205 13572
78512 74547 65295 66558 _____ 22400 06990 91536
87915 91279 06682 57770 14480 83756 _____ 15498
10771 80527 76352 86203 71643 17623 55485 30043 81252 15256
29382 17167 49884 47585 57490 93039 21048 38091 61869 66277
04405 42964 37905 60958 31060 46318 24106 34337 85903 40648
98162 25917 96694 90988 91466 98796 84563 06194 39283 59243
05634 38573 28074 33655 38446 75816 71844 61271 96859 52147
15713 96275 73146 54636 07182 17402 40929 20621 54013 43798
72687 71166 29859 60404 51492 _____
_____ 38973 28074 33659 10055 99758 38669 69091 45112 92529
30090 64717 19258 60430 40887 02418 62579 32280 82125 47366
25136 54355 40046 80052 30840 28518 10455 87001 24788 17628
69547 33615 31239 04181 10816 67589 64420 13105 02837 26325
59361 34653 47435 46787 14926 08336 43113 01241 66242 53821
83300 07304 28720 59746 44170 87435 00000 +++++

F06 – FSK 200/1000

Link 00000

12211/10576/8075 kHz, 06-05, 1400/1410/1420 UTC

13396/11123/9089 kHz, 07-05, 1030/1040/1050 UTC

11100 00000 89351 05075 01619
08220 60211 00728 61599 59858 57989 94475 89300 66511 98687
68634 80884 65789 88890 23766 52422 79336 18239 90180 40981
95099 14527 22164 69534 60633 53978 68092 91265 73375 56379
64859 55458 78836 19764 30055 62149 12633 74340 50341 97747
47309 60342 89451 68789 29877 59488 64260 76029 21023 34750
62356 96053 71903 58103 99550 62590 99485 30957 40777 64728
46353 26947 32794 04207 35924 11773 22151 78979 59019 19784
56839 85235 52710 91986 95079 55064 57397 05158 69666 71950
63041 46772 81326 31292 80496 15408 19508 38124 98873 51333
34058 59235 14887 26951 06211 71868 45097 51801 92333 76189

57012 71797 38860 63716 79968 67387 91853 58886 81736 80330
49640 75962 21787 23776 31943 58452 17154 55326 63955 93242
81831 17778 98799 16621 25644 77228 26796 54378 23530 13226
44987 63192 91170 40670 85356 65453 27899 68123 25172 94745
12843 22250 27900 94156 65216 93044 88118 34602 04718 79554
78878 45366 72954 40779 24934 74029 01853 81429 50300 75159
00000

12211/10576/8075 kHz, 13-05, 1400/1410/1420 UTC

13396/11123/9089 kHz, 14-05, 1030/1040/1050 UTC

11100 00000 15683 12076 01579
93865 20715 10245 97319 69876 43907 21863 33595 41710 52904
03803 67036 22446 98342 10397 50035 52725 51859 16988 20126
99301 17607 71270 25422 25959 05588 53706 95457 91476 40246
14216 93378 54336 02740 77320 10422 88856 30354 32933 88610
42433 21471 54981 82614 88588 19555 15048 96706 55502 74564
83216 57757 34723 05255 33322 10196 99742 10794 94766 43887
89116 05128 18120 90851 33827 72543 46668 51778 33575 67858
11112 38247 11674 09675 89593 41627 03258 40138 00244 64558
56468 49642 18436 75979 51321 89902 35938 75620 65938 23861
04141 78909 44822 85828 28562 58230 48880 50328 06801 01454
91861 33069 27139 73704 92924 72481 69980 93282 99985 65255
79301 57680 63570 54325 96312 80639 65833 92729 72513 26175
34446 31791 04329 50515 96034 07044 56519 87884 48846 20359
66543 41076 59359 41697 47065 62742 12493 78923 28796 38349
70118 89132 10854 06725 17567 29911 10831 79147 02806 73976
31757 42903 97978 35644 88137 76155 00000

13396/11123/9089 kHz, 21-05, 1030/1040/1050 UTC

11100 00000 31657 19077 01699

Message

12211/10576/8075 kHz, 27-05, 1400/1410/1420 UTC

13396/11123/9089 kHz, 27-05, 1030/1040/1050 UTC

11100 00000 84321 26078 01939

Message

9962 kHz, 22-05, 0800 UTC

11100 00000 64358 19088 00979
86454 15532 56232 99520 55929 68009 54590 23394 96935 87394
54037 87043 16304 35057 72532 10809 43445 71604 55862 12374
85497 01357 43775 56170 68118 45051 77222 08356 04100 51691
01404 70790 57017 85512 44305 92458 92074 48970 75405 81763
31345 27705 74250 68146 55600 68417 63574 86450 19901 25590
86665 82488 75151 37995 33654 63224 12795 20927 46408 40034
74838 85087 56740 38462 96406 18080 37599 72925 72990 89427
71929 09790 69599 65071 68906 67267 13992 42277 82213 25568
41178 40886 10062 45740 81371 11859 81632 20641 08600 49029
59635 06473 92133 15033 13668 88095 00000

10576 kHz, 27-05, 1410 UTC

11100 00000 84321 26078 01939

Message

14395/13396/11123/9089 kHz, 30-05, 1010/1400/1410/1420 UTC

11100 00000 79568 29021 03259
30575 39906 40537 76110 53692 53277 00129 56785 65848 34035
84181 80234 08302 18724 01674 97578 42784 21642 27280 73182
21073 26451 78219 62649 43723 23603 20110 35841 43903 73250
00262 37099 57259 98325 31853 99860 63756 37493 77416 57865
12425 12645 05087 20117 64963 90642 16033 01813 19116 43974
66523 28416 97780 40034 33060 55060 14775 13701 94006 68465
53194 02899 26169 63575 17318 51839 39749 12076 43972 11631

00116 65004 84316 92925 09829 56625 91969 50318 49359 01762
78425 03166 99928 03773 21687 22514 96928 15365 39065 38836
87330 19416 60070 50254 89543 22017 60347 35932 79153 74900
42570 04340 48975 69450 75259 31064 16853 69486 25441 65856
79667 75004 46090 13609 36956 34055 04301 18944 32606 44966
61111 09104 88056 16072 38933 74827 25431 75156 37508 93902
04059 45793 84343 27084 18807 32762 30555 41063 33667 83735
28061 38171 49037 19427 49052 97508 26128 49377 33697 57195
16936 15582 76997 92412 73224 31126 90746 68940 32942 06037
01522 76860 07519 77526 70646 74137 18485 86813 47066 94736
56839 69722 89074 00991 63606 53230 15814 84881 55029 75166
74510 47947 40823 69240 34365 14483 08936 82584 43038 57726
75246 18017 06673 43730 21650 18182 79396 22587 70948 33789
73218 21711 72003 43107 24290 20855 93579 14928 76441 13557
50309 32163 67942 84694 09237 18282 32423 58846 50352 33765
49896 99133 79578 34764 08810 61248 17631 11157 65073 32334
13195 46186 08999 09425 53854 64866 76078 97118 73220 63345
62564 29178 77678 36419 31751 43743 41207 45362 21938 66848
41701 93298 91972 83919 37235 00262 65340 03961 05705 95159
58721 46089 96286 66815 05958 03130 66148 41284 13373 61946
00858 77621 07372 85198 41908 99297 60262 84211 69827 03446
05244 37646 16271 15127 76483 35658 03575 78804 35238 54231
35175 04211 67943 89378 85348 08799 67207 05889 61706 23962
31669 80315 38880 57206 45618 42886 86835 27479 24362 48031
42253 15813 36233 28212 96412 98505 37204 10732 98018 54997
79037 02231 94408 21323 00000

Link 10053

22893/17455/15651 kHz, 02-05, 1650/1700/1710 UTC

11166 10053 78541 02001 00049 00000 00000 00000 00000

22893/17455/15651 kHz, 09-05, 1650/1700/1710 UTC

11166 10053 72915 09001 00049 00000 00000 00000 00000

22893/17455/15651 kHz, 16-05, 1650/1700/1710 UTC

11166 10053 62314 16001 00049 00000 00000 00000 00000

22893/17455/15651 kHz, 23-05, 1650/1700/1710 UTC

11166 10053 12345 23001 00049 00000 00000 00000

22893/17455/15651 kHz, 30-05, 1650/1700/1710 UTC

11166 10053 78451 30001 00049 00000

23129/18763/16255 kHz, 07-05, 1530/1540/1550 UTC

11166 10053 98765 07001 00049 00000 00000 00000 00000

23129/18763/16255 kHz, 14-05, 1530/1540/1550 UTC

11166 10053 79138 14001 00049 00000 00000 00000 00000

23129/18763/16255 kHz, 21-05, 1530/1540/1550 UTC

11166 10053 17243 21001 00049 00000 00000 00000 00000

23129/18763/16255 kHz, 28-05, 1530/1540/1550 UTC

11166 10053 23671 28001 00049 00000 00000 00000 00000

Link 30154

20888/17437/15761 kHz, 09-05, 1230/1240/1250 UTC

11166 30154 76413 09079 00049 00000 00000 00000 00000

20888/17437/15761 kHz, 16-05, 1230/1240/1250 UTC
11166 30154 26845 16061 00049 00000 00000 00000 00000

20888/17437/15761 kHz, 23-05, 1230/1240/1250 UTC
11166 30154 12475 23574 00049 00000 00000 00000 00000

20888/17437/15761 kHz, 30-05, 1230/1240/1250 UTC
11166 30154 25896 30027 00049 00000 00000 00000 00000

Link 40023

20627/16168/14984 kHz, 10-05, 0915/0930/0945 UTC
11166 40023 45789 10001 00049 00000 00000 00000 00000

20627/16168/14984 kHz, 24-05, 0915/0930/0945 UTC
11166 40023 12548 24001 00049 00000 00000 00000 00000

Link 40122

17420/15673/13361 kHz, 03-05/04-05, 0600/0610/0620 UTC
11166 40122 56349 29052 03269
41600 69600 48261 17979 89311 87927 57004 38551 32977 92999
29676 06331 33351 99022 64427 22702 25452 96582 66700 52449
96064 08936 74441 68574 01584 49967 91612 38620 93372 19736
09697 50935 42834 98562 21876 04314 83366 25588 59572 09454
11413 72740 06041 75674 13768 50056 66699 81314 13355 03274
00889 51268 50637 89662 44738 90083 42864 43008 79836 44067
88339 63688 27396 90828 07894 94796 72579 79700 40751 70228
48705 71483 36983 45679 35991 50938 13724 48497 54545 10469
67347 07310 56275 28440 58792 47384 45416 90555 14209 62638
82358 27743 08138 00258 50461 68982 21386 18839 90543 32507
90799 06018 32740 03827 93125 66491 80405 74004 30132 16404
25755 36618 07194 45007 01939 66863 22520 29549 01221 31207
09210 14316 13961 01060 97336 89781 68090 68880 88229 32786
73755 90161 58156 93684 02828 99732 33585 41413 57970 75816
05216 02397 10932 50277 72969 54244 14773 88497 39121 60167
19707 87319 91769 55058 47240 64495 45815 19164 02293 38070
33658 00298 28012 19157 62781 70523 32930 66513 82423 28247
45189 76383 26512 81659 73490 06025 25061 74461 79480 54367
01213 39814 91244 48237 96104 93448 12602 07586 88766 01868
07890 88159 03215 86596 66925 25047 19946 50388 79822 25544
34013 36354 76374 84774 26870 55936 09660 22499 44171 46662
88579 64556 96719 45626 89013 17365 26744 89629 98267 08935
06697 77920 72516 94820 62756 58466 11918 52447 40232 23696
83092 12260 53038 26661 43654 99121 84451 53537 48480 82404
31313 13413 42400 58213 08884 31300 69008 12170 58529 55308
50270 36204 25423 13912 16619 97786 98452 84254 92225 85038
29536 57427 65138 76162 74497 11655 96966 06620 22730 29332
51804 32505 07811 18841 49083 13549 16256 27099 70034 64185
36614 53754 72454 46121 16075 02993 93456 00854 16787 33871
44897 45562 89067 95123 31174 80813 03700 55385 44062 83526
10492 64752 14298 83629 15303 08639 24584 47836 92701 39845
13711 19002 76464 99798 26479 84473 95097 64878 89100 71881
44551 78787 14794 95821 52324 00000

17420/15673/13361 kHz, 10-05/11-05, 0600/0610/0620 UTC
11166 40122 85412 06053 03029
61148 88035 39325 44792 66086 11623 05940 92267 30445 43223
87475 90180 33990 44821 84651 71118 59562 05106 88348 01659
75954 22616 39093 98569 12692 48366 83913 31835 68883 98869
85245 87925 23348 75525 61575 91769 38199 51276 64510 10845
73069 10498 21957 89843 52175 53044 02110 89336 51388 98392
77917 26878 97525 50824 96733 43996 97032 11574 84826 47495

36239 48893 41439 98505 20395 61961 02090 47741 43662 99578
75796 40369 07241 19586 85917 38953 27841 99941 69290 37906
03666 37397 13356 67872 30103 94706 35967 13498 82312 82311
37552 93013 06894 85436 80333 73074 89826 72525 74282 17286
92864 45971 74503 91860 75572 21063 19726 76851 45204 44097
66601 56366 01589 85582 99485 86250 69230 69484 20403 62627
33803 24435 48864 39767 25222 67863 86241 70702 14492 58964
24383 69041 16506 81455 03150 15408 15993 42062 46563 56943
58793 95651 32263 73318 75661 32976 73942 07685 30765 91942
21466 86003 12088 78361 08350 73190 05908 07099 01290 39520
22553 99585 31431 35712 65601 98599 12063 00157 61741 86284
72422 46698 93450 16315 62308 06426 01703 96167 07171 21909
50876 80429 18391 17304 73062 61070 88409 92784 33950 65631
25418 16724 87481 99259 07281 14063 11475 91531 59386 74319
41370 33991 86110 27647 44329 19353 10582 62415 00843 18309
02432 82718 86046 54854 98225 29271 67936 66104 44255 12111
64656 57509 16377 28570 28067 89420 96595 64921 45765 55942
11074 05167 78743 42004 59246 95381 76894 69599 88741 37074
39523 69113 95796 07974 13070 36688 55833 33708 43229 63568
13913 58794 23651 48347 89730 90379 08408 28063 76856 13178
80422 89083 40894 99035 93039 43711 46259 59560 26927 83447
66258 15254 29501 44858 56149 79594 29053 48966 93884 81482
40776 00131 18218 74521 06869 55320 18856 06534 37915 99745
58351 47784 47711 89772 30424 01324 98747 49061 84395 43898
53300 00000

11166 40122 10236 06054 02849
00518 28854 70414 70868 27843 68383 85186 43565 51415 16287
22867 62524 97720 99020 60822 15042 80557 47165 34941 70477
71312 15588 84183 21756 00206 58388 69058 96491 05670 44564
93708 86178 74068 25338 86304 66894 36930 89089 17419 09933
17889 64808 61079 05824 46524 60030 28188 50167 81276 44183
26988 64719 08638 13275 30270 52171 10795 96871 54000 08062
18922 93293 77069 38243 94298 43981 56837 55368 04456 82942
20166 52805 86518 22253 34630 79435 14956 59515 89588 63772
15899 18237 41811 60827 95238 57051 05338 20170 72678 08725
90266 98619 38929 34888 20158 65998 78234 07427 82732 77393
23424 52468 93564 10355 35661 17906 77444 90476 26100 50393
97113 53795 61609 92751 84036 19435 21778 37724 50927 70954
99371 99013 90687 69813 61433 85544 91467 49413 13219 89882
22523 63132 32153 26757 70559 84815 63985 82613 31258 85126
98351 62143 85660 32234 65905 42714 16103 90236 24230 72665
41392 13790 24698 74368 75905 62354 77485 38024 42306 82516
56905 17116 92552 31812 14274 61459 16910 42482 90474 48787
45619 48626 45420 00808 72943 25151 46598 94676 58262 11990
83880 05808 83897 22003 02798 42978 74374 56013 73450 61651
06790 73403 37259 66459 66981 91718 98728 38790 31189 13716
54421 50397 77887 05280 76326 48993 59487 72671 91808 26751
88577 12514 27329 07647 18422 32986 08119 14597 22362 69628
31006 02312 01852 44229 52560 66807 77778 40206 59773 67526
44781 92935 15434 22979 93238 18455 95403 65866 28628 28981
59973 68612 42926 08693 26487 75240 17755 48190 35427 00542
63947 61095 27141 82454 27235 31211 71399 98616 14726 63686
16976 83008 21881 38628 53431 03630 64656 90579 02298 87156
46517 62330 79838 01498 14997 06469 98578 32210 87499 33131
99796 13689 54282 00000

17420/15673/13361 kHz, 17-05, 0600/0610/0620 UTC

11166 40122 15896 17028 00049 00000 00000 00000 00000

17420/15673/13361 kHz, 24-05/25-05, 0600/0610/0620 UTC

11166 40122 24865 20055 03359
04886 79265 09507 72460 71191 35763 93691 86145 24810 36743
97690 74970 79787 99379 17111 40682 38383 77627 09994 89760
89432 72769 43264 34447 57193 96390 01392 04791 05362 09246
74453 57677 25966 84433 67759 93768 67798 68328 00271 18287
84087 37704 83956 06583 04106 76485 01305 60429 58375 20566
23164 65976 12187 44129 34102 89298 87102 85913 57472 70483
75131 38854 97377 02185 75274 51540 39713 03600 07114 14930
79478 25778 81147 32754 66549 49224 30542 99046 87090 59723
34006 31248 22807 13327 84456 32304 55204 26428 83182 80213
07065 51886 64177 68452 38319 27111 78335 45711 38490 05067
92204 28390 82913 04114 80968 84284 44919 37647 20365 10899
81146 09449 07207 56829 32201 85703 63211 59643 05825 79610
01817 98711 34778 09534 62671 86407 26612 16624 43486 46132
47525 52843 83944 50588 07488 75352 81340 18746 38830 08170
42652 94939 85462 57055 02721 58528 44938 88564 63234 37563
30534 09186 32203 24892 45531 05525 68600 20149 86901 31452
61877 46054 20565 53168 01025 12472 95425 88115 12868 26656
88357 98668 74296 73129 97339 26554 28104 11626 24923 78929
57121 66537 19210 02057 96349 06301 64555 03518 87761 36168
39146 08889 07471 52789 81671 63842 19945 34047 34264 17586
38964 62591 53890 48585 00003 06492 09395 18518 73725 05466
06370 65378 75278 36105 07047 71687 49078 54547 37396 68734
33767 40019 98616 62788 37041 87710 25217 94227 75019 24384
56851 65508 55858 45191 16128 98923 12289 95111 09553 10084
12767 43453 93808 08056 05928 24869 74549 58104 78023 45302
29909 67960 28040 76319 75897 83569 90176 86255 15885 05250
58375 81614 41348 60191 92590 57159 76083 92248 11482 78136
81055 54949 01221 43056 62080 18669 95100 00491 47536 27896
03632 18300 28265 69541 99814 28747 76884 38211 89275 97923
88674 09396 19952 92933 11231 56506 11015 45261 55084 72689
05726 33777 02453 83377 77893 35806 56339 60486 46642 19696
97136 74216 79162 77336 38944 43389 86141 20044 02785 70256
39552 86277 48894 70717 67499 34599 35285 35885 05797 20323
94766 85936 10976 55333 00000

17420/15673/13361 kHz, 31-05, 0600/0610/0620 UTC

11166 40122 26714 27056 02729
87916 07283 80990 22317 59907 62724 76564 96610 36447 85523
64803 77657 84202 53230 29517 39854 26899 18132 75487 98781
75804 78445 78141 28331 59146 44126 06376 43564 80134 45750
60706 60224 58290 59902 93945 66855 33758 49495 06577 70444
39303 42479 34033 01543 69658 97363 68048 89802 02933 28989
79290 45849 53757 92996 33434 10448 62847 52420 17898 56891
52692 74853 21398 57542 04033 33608 33527 50482 32838 11330
56543 67190 72446 29478 46549 07190 90580 52130 26250 70619
95908 37539 36495 84636 13840 35878 18757 84612 36256 56622
45771 36056 74845 53987 42499 08184 72740 03878 64615 35100
54154 70777 26696 25508 16673 88013 97308 06891 95931 99842
03182 15106 57326 38788 09640 65325 94469 36667 69499 65265
39079 92753 57610 56631 11963 47495 33228 95729 69821 35248
97402 09173 27529 14444 37577 85620 60595 98637 76584 89500
17487 36874 68215 07623 96499 16806 06572 64662 66874 89004
41360 68409 38832 35900 16343 70754 12227 33784 73113 55325
58495 81322 87395 87725 15598 93002 30046 89312 00637 80968
69958 20436 69833 73662 61037 84097 80555 44726 80453 85955
35094 50593 10354 11611 10846 00211 80207 07123 06631 05322
11996 73675 59794 84761 35410 12351 13806 21187 65271 79931
41033 93685 58327 41678 50370 34707 91643 32017 34434 84742
29760 59074 35981 43197 72806 13999 38261 38894 02758 70998
08980 68638 70028 89050 52564 77294 87578 51198 50414 77792
24735 02386 93830 34529 17900 71768 39311 58569 40345 90431

40885 88112 98276 40454 39202 52645 45355 96262 12033 44224
32858 44205 15893 44328 37679 91282 73462 79707 35343 98982
86492 05680 10232 03149 78893 40305 20196 05813 99680 97874
56270 00000

11166 40122 16349 27057 02259
57764 49953 40473 95156 75102 13088 47234 28826 64950 80657
30928 47537 14685 85128 06803 67046 75725 21765 16960 01853
15460 76981 15926 11769 43867 30254 23892 86878 32051 15478
77315 19310 64835 52759 31575 35256 94650 86536 95368 85693
88856 90997 01528 19230 87728 28718 43951 85511 15260 73453
35338 42643 09995 33034 65412 67043 68062 33299 64314 89180
15609 48994 00866 03625 52808 92585 70379 26857 36643 96917
51708 01263 94648 52663 38222 68762 86790 86484 72394 62503
57685 90867 38693 90055 46329 41541 94459 06551 45548 63444
43457 01201 28330 31154 81794 45630 83240 14733 70887 77465
26118 06917 17169 17611 80214 92593 63216 44659 41987 46502
20002 74866 74717 70089 94933 21128 97156 03469 95389 29400
59370 73411 12433 15995 22984 63313 14377 54202 88005 16065
04914 83652 33424 05779 25478 40878 63756 39293 06528 34505
78744 73406 97454 13506 08387 58762 29778 01962 80481 46341
93337 98760 12884 17485 30163 65679 47654 23388 75698 52277
69289 45006 02085 31049 74223 09311 43176 41267 83785 22828
05987 64947 17803 08397 98246 83390 71034 56093 26759 87720
59623 24251 46249 41869 29760 51512 63385 21432 45738 65858
25661 76853 99587 01544 49838 94351 09489 59885 69616 53043
99128 74825 07234 01697 75213 69233 98682 03551 45312 12851
27223 22631 43210 17848 44885 50020 53979 32903 86646 93496
55942 21768 06977 57223 00000

Link 60070

14373/11411/9965 kHz, 09-05, 0030/0040/0050 UTC

11166 60070 85391 09001 00049 00000 00000 00000 00000

14373/11411/9965 kHz, 16-05, 0030/0040/0050 UTC

11166 60070 12345 16001 00049 00000 00000 00000 00000

14373/11411/9965 kHz, 30-05, 0030/0040/0050 UTC

11166 60070 72468 30001 00049 00000 00000 00000 00000

Link 70059

12219/10448/8139 kHz, 01-05, 0400/0410/0420 UTC

11166 70059 63261 01034 00049 00000 00000 00000 00000

12219/10448/8139 kHz, 15-05, 0400/0410/0420 UTC

11166 70059 78541 15001 00049 00000 00000 00000 00000

Link 70202

11163/9271/7532 kHz, 01-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 01-05, 1200/1210/1220 UTC

11166 70202 21584 28091 02079

18166 44042 12029 62105 73764 16307 64542 79736 32849 44401
58509 67727 17010 53342 79340 29772 02903 92297 77349 14773
96727 75746 17279 83236 59983 80975 09572 82369 78670 62874
28062 53294 93150 71943 43785 18841 30821 86469 29585 25332
08829 94787 15212 36821 98974 88593 97590 05201 72019 53217
35961 64627 63575 65808 86560 23709 28758 37376 56551 53872
77803 59602 81866 97365 09827 42391 58681 43331 86911 53070
83169 45371 15720 93185 79259 79064 28810 73846 19065 62858
82847 75524 65672 90777 15901 03281 92986 50387 31001 73324

62309 24445 98165 91870 60349 99685 92061 12209 28338 31172
07503 80940 36952 35643 19965 09310 86723 12315 83311 30570
38622 14549 81907 29324 04507 20847 79326 53774 52119 78590
30811 46818 04325 18978 51707 56934 37275 66589 59031 14783
07185 92016 28373 86476 60403 80998 33319 39437 06488 18494
59584 81801 58937 11140 11034 61284 73302 96522 49788 34465
37335 12701 37601 42414 92887 26424 70692 53607 94225 43475
25225 60061 32466 49585 55612 37632 80806 55350 12851 06407
40249 43585 75050 52136 90495 42560 07372 94634 75708 73554
93532 14091 79824 46164 06094 71233 71100 99797 07697 82269
20592 14802 00446 34556 24238 41658 65626 53928 83257 21676
60939 59621 22518 97635 98715 91205 00000

11163/9271/7532 kHz, 02-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 02-05, 1200/1210/1220 UTC

11166 70202 13426 28092 02239
32332 00080 46834 27175 19064 41172 48743 15345 34963 05582
43702 96374 79790 70601 85622 52107 99169 21363 60205 86217
62322 33233 65645 71489 17227 41411 29373 77279 46680 14918
46770 06840 73651 77176 52794 99188 89406 40353 62451 75227
02819 45659 41051 32776 34305 26797 90189 20221 02833 38741
60391 43473 79431 19030 26343 85903 05640 73775 85667 45961
00340 05561 67174 22153 03400 25421 59509 00070 29574 16094
96161 21160 31097 38728 57754 37922 92404 00236 77550 85208
05416 23476 61131 22339 98828 87458 56158 25692 19850 29756
33186 36482 91807 28308 63431 93390 96075 04810 04465 04756
51758 16868 29746 39995 91563 31115 62940 44954 57299 94468
02965 10877 63450 45721 50691 51659 02241 34649 73244 69114
88653 40833 66837 10890 68824 09368 04084 50767 40241 45653
76713 46000 57219 36462 69636 51397 20045 89457 27300 94828
71263 08361 98256 43843 47529 45943 68905 18093 60455 02046
22314 27242 04911 58803 83093 39046 18194 70261 34237 07307
38522 48573 16866 14366 36275 13975 48829 07846 16432 00707
23086 36310 15632 36089 71813 13539 42308 34920 07166 66110
33323 76403 74644 43959 25541 55772 79989 98623 65784 27822
75558 58846 07605 84505 17099 58230 68309 33818 26882 94631
44677 72125 24116 25980 10801 67143 08582 32209 46506 93744
08430 97992 69759 89788 28075 95962 71529 24160 57123 75108
76523 92221 00000

11166 70202 68943 28093 01839
20796 06683 36261 56293 99194 62698 26571 09692 28853 91409
07685 80276 93090 00313 46541 25079 63757 57130 99117 85783
33235 18570 97952 45069 89894 76361 26084 15080 54197 06520
07111 06462 17630 32763 66051 51404 51659 40035 40684 79119
78890 99059 48080 67208 23628 87865 35976 17333 84005 21226
73722 28653 92898 23942 62450 67442 59786 08915 69172 56348
10762 45935 14501 31702 68869 32137 68659 42345 41967 00052
35482 88394 10296 24189 29100 23380 30935 12099 72975 68206
01353 90836 75998 10364 49213 24782 65316 86835 40653 25740
80589 74125 24192 41263 59365 33865 52479 32137 68243 87406
49063 74962 59536 17877 12363 50772 58107 23098 74033 05618
08063 67823 53921 94074 34009 08737 78779 41584 96528 90637
56946 86589 46604 37249 26166 88389 08636 85106 16740 11657
46774 33937 97202 23545 94230 11987 94697 64342 50273 79726
07255 77590 74576 20370 50146 10615 33630 90654 03508 21406
78878 30301 53428 52779 61294 53615 43673 59765 12055 71646
80241 01153 44033 18352 55952 31137 53762 79208 87220 51997
28585 45696 80247 13746 88666 44097 68775 71696 18552 12061
90623 93181 00000

11163/9271/7532 kHz, 03-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 03-05, 1200/1210/1220 UTC

11166 70202 65274 02094 02219

38232 79935 88485 50159 72015 68098 04334 98612 30558 93268
47829 81163 52966 74970 11586 10864 29381 63308 18077 34812
43996 97773 32415 91832 32225 36857 29147 40185 87971 38138
11487 47471 81933 93562 06423 59941 76883 49577 84148 93380
50848 66814 75243 12771 64154 99015 84044 92897 31239 95888
21649 77114 83197 59561 06982 76430 31983 09353 09370 76120
72212 34525 31052 42044 81495 39710 53072 43856 05248 12702
92991 37299 36907 69299 47847 72768 29502 54887 20807 22333
99497 07443 54953 42396 08878 11654 22633 14199 36371 98843
43810 29331 73789 72375 31859 12454 08389 63238 90240 98424
77214 45497 08489 05989 04348 66289 30961 75255 57002 70062
96763 61119 81409 21738 74325 99834 04423 58485 39023 90919
11783 24801 67317 61572 38978 70573 45829 05808 35648 16821
18792 15481 89451 18800 22327 45386 20344 81159 78966 79643
81214 04832 50868 91520 25791 70353 75163 13920 29783 87297
29871 62681 76173 64507 03807 79912 40619 80814 68946 89526
37871 60942 78657 82170 15187 86260 40255 71739 03636 95099
35308 90655 63259 52298 86134 16113 83020 92681 91928 44454
21468 68147 82957 55889 99064 53056 66254 36732 78113 87610
61256 51340 91217 63903 48827 80952 04215 84342 82085 71606
24521 47111 32494 58330 90819 38378 69640 57784 05039 35927
98142 46551 92552 53904 00126 67259 01537 83357 56697 94219
00000

11163/9271/7532 kHz, 04-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 04-05, 1200/1210/1220 UTC

11166 70202 54817 03095 02199

57034 08700 14563 34321 74101 46926 50515 40020 41570 25541
81867 47857 34478 50365 65936 60406 20640 10265 70943 13277
25637 45814 38116 79380 22897 43457 71233 10408 09808 59843
77053 32693 55813 06023 05048 39665 33405 46201 59897 48069
67977 90717 85179 10139 67456 87966 41680 98920 17655 44916
28776 08926 54288 30941 22316 39303 47588 44635 27451 51719
60449 48303 69838 20131 66052 99811 73657 14643 35894 36501
99893 86632 34163 90821 43299 47336 79409 42407 11488 57069
59426 36255 34601 67293 10299 21711 78970 82688 95547 91939
63226 35446 46308 28572 00284 88940 48483 81215 13643 13001
87805 36515 01451 97934 88747 56454 46741 99524 08214 90579
97319 32155 69964 91838 63699 52282 50688 90719 08555 99416
53677 07381 26105 86818 31044 06450 34882 59081 40398 24197
32316 58799 46942 22745 84573 69512 06914 51032 50083 27093
93311 17190 60198 16793 49844 02036 05416 98108 84036 68374
00609 24681 35442 45778 27696 51383 79879 95545 79186 45822
55650 85529 51051 46412 22664 29505 58332 34213 90407 70783
71965 10742 75705 14753 00209 98908 76199 40027 63153 09303
70488 42895 33732 38985 80867 94766 43670 94994 59598 17284
77815 59748 84658 04803 05285 40522 75897 48920 20861 70200
67536 44747 95091 51484 97961 83600 56500 61744 02731 61806
54382 60704 21751 60315 75589 68148 56543 95217 00000

11166 70202 45817 03096 01879

51288 21081 81374 39734 42070 61941 04708 72934 97694 22852
96549 35280 58601 40754 90311 12358 20373 06818 83127 71249
00525 94144 43118 40631 57739 47680 27703 46040 86973 53518
98869 30018 38891 29789 46367 11790 37038 06317 54739 66193
91222 85232 75140 26528 30508 99731 87886 41015 04291 13168
66650 37569 24864 25660 80264 76544 49936 80411 93060 96166
28521 86919 49671 80325 58647 03273 55253 03412 30321 44708
87053 31904 52179 10639 98257 87373 85272 47314 00066 00604
32417 88315 32927 11508 56545 40077 62871 94545 26500 04606

63874 14300 13712 56601 72199 40928 88182 17153 23646 80161
87238 91213 09647 97542 55455 61022 13153 41586 79229 52677
10235 95554 64408 18038 48353 12539 30419 99149 37216 13520
19352 67369 13180 53111 43411 54394 63122 82663 19184 17366
18719 65418 62172 05245 57076 23401 40004 18646 68642 20744
07778 80312 78344 13112 73981 58428 30885 17943 70399 09946
76136 85162 24476 36121 15574 73088 57548 67446 95669 59182
57400 20159 59212 40369 98568 91526 90464 02582 08840 86084
15106 64239 05378 90020 40903 23332 48918 35889 50040 62815
89462 24847 79036 93984 01919 96185 00000

11163/9271/7532 kHz, 05-05, 0700/0710/0720 UTC

11166 70202 74983 05013 00049 00000 00000 00000 00000

11163/9271/7532 kHz, 08-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 08-05, 1200/1210/1220 UTC

11166 70202 21584 05097 02079
18166 44042 12029 62105 73764 16307 64542 79736 32849 44401
58509 67727 17010 53342 79340 29772 02903 92297 77349 14773
96727 75746 17279 83236 59983 80975 09572 82369 78670 62874
28062 53294 93150 71943 43785 18841 30821 86469 29585 25332
08829 94787 15212 36821 98974 88593 97590 05201 72019 53217
35961 64627 63575 65808 86560 23709 28758 37376 56551 53872
77803 59602 81866 97365 09827 42391 58681 43331 86911 53070
83169 45371 15720 93185 79259 79064 28810 73846 19065 62858
82847 75524 65672 90777 15901 03281 92986 50387 31001 73324
62309 24445 98165 91870 60349 99685 92061 12209 28338 31172
07503 80940 36952 35643 19965 09310 86723 12315 83311 30570
38622 14549 81907 29324 04507 20847 79326 53774 52119 78590
30811 46818 04325 18978 51707 56934 37275 66589 59031 14783
07185 92016 28373 86476 60403 80998 33319 39437 06488 18494
59584 81801 58937 11140 11034 61284 73302 96522 49788 34465
37335 12701 37601 42414 92887 26424 70692 53607 94225 43475
25225 60061 32466 49585 55612 37632 80806 55350 12851 06407
40249 43585 75050 52136 90495 42560 07372 94634 75708 73554
93532 14091 79824 46164 06094 71233 71100 99797 07697 82269
20592 14802 00446 34556 24238 41658 65626 53928 83257 21676
60939 59621 22518 97635 98715 97205 00000

11163/9271/7532 kHz, 09-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 09-05, 1200/1210/1220 UTC

11166 70202 35147 05098 02179
65706 23492 93803 72511 27990 71064 19765 79436 31336 46918
72293 96555 30217 12360 77619 28524 90470 84340 34344 12558
94246 28958 24687 93427 08729 73802 19976 69642 10809 00091
85059 34262 84910 00521 11330 58781 36140 13786 33055 93515
85962 71690 06689 82919 42575 19796 57866 19302 63189 97542
25754 83336 50378 88778 59459 44846 49711 78643 46168 22264
40830 77724 75719 24231 39179 99452 71286 21756 50564 01640
40855 24384 45731 28130 29202 58802 47153 11473 75038 73326
45208 22583 03021 16701 85944 78296 05312 64659 97611 42781
92380 92669 48147 83734 17730 18309 50814 69300 06230 61714
60163 16646 40761 97518 25522 28137 86843 96749 94181 76050
59937 82090 81487 21756 65107 44964 50007 80310 63748 97875
64966 66399 47031 60435 18149 82560 20794 02522 37430 35637
31528 93000 24156 92384 88180 27459 85528 10178 59435 33370
54206 03751 51171 76146 12298 33916 93788 14500 61937 29185
94080 78564 09625 76243 31347 69203 56535 40206 02429 01952
11956 00600 45363 44020 72070 14001 96333 17804 31255 39277
59609 69335 18083 86357 95163 25113 73223 74479 53651 85745
11421 10845 13437 29857 34749 25621 99367 26674 89319 24237
87963 80748 82628 42885 28728 57241 03747 18201 36252 61219
13521 07027 32815 69379 96982 17220 46152 37668 95158 35428
92095 33201 58454 62777 96754 98215 00000

11166 70202 54936 05099 01739
06133 91078 75909 88366 56270 69320 54399 64779 95948 44723
61297 72814 24456 31970 36205 16417 66197 51396 47379 44749
81403 51298 47017 47392 35924 25651 03604 34810 97293 63175
90990 02506 49250 88687 38902 02303 41900 82676 74557 69192
19714 90033 10089 77192 94546 53888 55450 22637 55856 35472
61506 58350 35323 05960 22975 27140 68052 21220 95928 68038
17540 15412 09533 93738 56602 74363 76706 62658 21444 74686
33399 94071 81064 99531 61166 99740 89177 66957 72738 30495
10843 31828 65257 61186 40989 47180 70885 62454 57021 96010
59455 32760 72695 29399 72865 89094 85451 71923 95901 39832
34392 80299 93166 88134 11089 66173 66812 39372 90413 19018
14766 10978 73575 90060 94119 68187 60545 23189 19400 34086
94077 43759 50371 47419 42484 41258 49090 66590 13376 06746
10880 43284 15547 11028 98917 14162 11193 34479 37124 84061
25638 84471 41042 99130 06786 61331 91390 33345 51452 58779
79979 36846 40782 09767 82678 19525 51941 13671 39123 68302
38260 05771 43846 21536 95023 54944 78519 48998 53091 00530
40006 99171 00000

11163/9271/7532 kHz, 10-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 10-05, 1200/1210/1220 UTC

11166 70202 92647 05001 02659
27066 34136 07717 02817 19589 61319 41757 40103 23787 82745
09183 69243 82175 01310 51010 03002 72029 45637 96667 95042
69261 08260 48636 31866 51863 81549 55855 68597 22576 89837
68088 69551 55495 41171 88428 39529 96279 47125 66142 56770
70670 84131 97027 43501 80991 94735 23481 35024 95324 52244
51461 33273 59058 37180 26531 55781 83473 98997 36170 16002
91080 01487 30548 95904 22371 75301 78935 96803 33687 26066
03953 79336 40899 71472 60838 28552 88554 05830 53918 05023
49223 15482 07476 67937 82684 93554 33203 81097 09686 27445
61416 37767 79924 57505 28239 65307 38960 30364 35916 95524
23743 95296 28469 11696 41440 17120 49872 08172 11251 04012
76928 23532 73898 73717 44044 33203 98479 06571 02086 12489
41377 58771 78505 05952 36898 34348 30924 64073 24342 39255
11359 33143 41189 66036 83280 09305 37078 82487 58696 92700
88276 22767 47432 02650 17336 04380 35812 39801 47592 19478
36927 06195 47235 73923 79660 19175 42603 72528 28679 80081
05410 73935 52567 83668 43584 63564 82292 79182 50407 18051
27192 19041 91641 59641 40660 56035 35335 23960 52739 75022
53986 89588 11788 70015 53762 42907 02419 02622 10457 76623
31891 02774 16868 45429 02155 97674 71295 27225 09721 79911
61835 63348 40550 50655 26166 76244 52156 98909 91505 88013
60095 02724 24435 88276 71040 63312 45272 24794 29629 08037
86686 15276 71261 23153 01233 03822 98049 02300 47503 10424
20094 21634 09584 46981 29278 77571 29486 98245 97779 48059
57271 91155 18464 63320 48526 00979 29369 97011 63891 67714
89453 13727 50333 21186 97803 33784 08834 38259 73491 01240
78203 80629 38252 01263 00000

11163/9271/7532 kHz, 11-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 11-05, 1200/1210/1220 UTC

11166 70202 13258 10002 02139
17319 69729 05330 54230 93969 97578 08880 00044 96064 36762
66204 83049 39800 32881 03428 99480 09354 96834 00119 47537
72551 26907 18476 67097 48194 89157 24028 36955 60988 35800
96272 21760 45003 66253 52694 85858 81602 60561 34594 16205
82791 39857 28182 21558 55907 33569 19353 00121 10593 58058
05598 92831 93998 36353 13473 64487 65140 13706 95082 79882
44356 48618 02000 67160 98797 84055 60059 85552 49898 28518
93475 39707 13743 01665 71714 07782 10292 24177 77549 75494
02390 56544 19752 93320 50497 16466 38847 99021 94076 29555

79376 72691 95583 93024 27091 16510 07989 57058 34540 76395
51774 53535 83461 47734 12342 26812 57434 32380 93759 46243
23219 39113 89810 05122 44229 44743 58246 35737 74568 58041
09210 95235 07071 53698 43761 01966 73780 68479 03422 26997
22317 76784 16711 70512 16551 87784 53577 77738 35035 31328
23684 74122 65626 24804 79483 24434 19741 38151 10006 45474
14668 99200 36309 27095 97392 06534 44540 41200 08364 42050
17508 43421 08632 00428 50749 97162 18807 77669 63998 74694
43275 85912 43997 14980 78101 86703 79600 42935 26060 59909
75099 79794 67236 50465 52706 99289 58630 60142 80135 09300
61201 76517 84217 63690 17788 56346 36496 34011 30353 05510
21720 95745 09974 22733 25194 08794 98031 99264 99912 96891
82020 02211 00000

11166 70202 85421 10003 01999
70096 06209 94647 55159 68936 17200 96728 17110 16008 37094
08640 87599 66779 00838 68079 44939 36905 82174 96177 31867
00502 28816 92121 22415 93223 21548 47403 86910 06052 86938
28140 97327 80752 18353 98898 40136 42921 84961 86451 28877
33572 33412 06930 33618 25196 11876 04771 69503 33228 71134
76940 11562 58864 22420 80828 27979 24162 56663 49290 49014
85367 54865 61239 13742 35394 44271 41252 61822 31409 80027
86615 62477 08449 57014 45248 97849 65007 81548 92940 42961
31537 57627 83348 09429 57797 67418 69179 45142 79985 50671
18008 07082 53591 12744 71151 49477 62915 15932 19061 94473
43178 33780 91641 77517 76172 73073 86963 84626 45381 93194
86774 23748 61508 77527 32285 97380 94361 36600 58627 68666
72008 47651 11453 38105 33173 60319 94095 73125 43772 23119
18737 57657 13567 10417 60014 53918 73840 54574 34503 93596
02048 12964 54524 40610 04380 24525 29696 92641 92175 35569
14686 13627 13111 99496 26585 14386 23122 80147 80351 23592
09983 13428 15758 16254 04477 06947 14279 91910 40111 82315
29360 19717 47299 89817 78499 92608 92951 50121 70587 57747
01423 02740 66934 15412 17732 65912 99429 03539 99013 37596
94264 10091 45130 92264 74662 80456 04373 03197 00000

11163/9271/7532 kHz, 12-05, 0700/0710/0720 UTC

11166 70202 89524 12084 00049 00000 00000 00000 00000

11163/9271/7532 kHz, 15-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 15-05, 1200/1210/1220 UTC

11166 70202 56287 12004 02459
46768 43538 31729 20698 62056 58792 53912 20440 01304 39649
90961 17854 90902 08769 84672 39364 25247 24521 33898 89272
51025 21213 89443 92972 27011 26757 36166 76185 64014 81223
79465 66177 74711 04701 78359 25884 88014 87919 92328 56884
07685 04058 34116 32154 19872 65183 45679 44549 79262 71758
39461 81947 28534 28650 72189 64981 30795 26078 43386 08318
19698 08951 35760 91398 96923 83003 39691 49598 31707 31207
28984 21731 42108 38850 80068 14832 62702 50768 51859 72176
28395 09127 68435 55448 29020 45210 71747 77007 14445 23658
36526 43197 54836 62571 64587 94621 85802 77945 00722 54328
93072 25848 37352 19849 16425 40791 00142 60015 77537 93735
31762 02506 61449 18158 15975 23044 06328 77621 09248 72201
81220 73292 72068 00734 56480 14828 17158 69388 96561 03089
16762 54122 29863 98100 36220 82671 75302 70708 85976 63396
30330 61357 09254 92361 50045 94443 47546 49565 72116 21672
51133 20277 67193 92839 26808 02398 19489 77523 39991 85803
67226 86057 13434 14596 57641 63285 89686 68195 96217 53492
49522 22228 94847 59968 03513 75129 48612 47641 98927 51408
95854 62211 09159 17513 41249 64222 97850 71225 46536 01525
74921 90535 18633 68538 86672 52922 49785 25784 07163 60977
89461 78094 23042 35326 52670 34967 29026 60758 94395 01469

76210 96527 04827 73154 40393 86746 05083 33424 02617 31813
48107 76761 59094 06815 54432 06282 02726 37840 37484 79040
43374 72138 98137 97531 59112 03069 93190 70814 95598 35759
07451 93705 55798 04243 00000

11163/9271/7532 kHz, 16-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 16-05, 1200/1210/1220 UTC

11166 70202 97683 15005 02119

45619 72808 10239 09425 13591 40972 62409 76172 22413 88507
57345 37807 68786 28483 83203 24255 23032 90889 56911 29986
81692 54424 26818 46039 21416 84622 07088 50734 46283 39264
48522 82521 45787 27018 75487 43392 05639 30233 43654 06295
38603 27836 98212 24991 27528 79258 37273 69793 97776 55338
10125 37616 61241 27137 05051 09783 99126 48593 06372 56024
75683 93971 25426 08104 00099 36030 35157 51512 78704 75846
63001 08663 24719 60245 21767 12033 17685 47758 83188 90676
29808 09056 23842 18563 61376 72795 98112 98160 52444 52805
17901 77719 62983 17569 43756 25675 38669 87916 17115 10628
04502 73891 88356 60317 53451 86698 20329 98040 22302 86704
72061 79957 71898 53397 92336 81699 13969 88262 77817 07741
51718 86506 75404 21958 26383 38561 33527 22821 86925 47316
32044 11646 25061 72012 45442 27357 42806 34723 19034 46186
44737 50382 62814 69754 72131 66279 92697 49964 21204 21965
73791 24156 12610 65502 45422 58943 04396 87011 32571 26188
65607 55426 73435 59533 52722 69416 17790 64946 56103 58408
75827 83703 08659 94639 22183 31245 73901 02183 84822 60356
55580 73888 73474 22102 96093 32165 27307 22942 55847 94551
86527 01488 90767 30009 17598 73320 70140 16873 46745 17312
01970 38407 81469 01889 58049 76884 24717 74671 15918 05209
00000

11166 70202 16752 15006 01779

15736 14890 07835 06914 41376 70565 33666 23621 14141 37875
74238 79724 26393 85427 81661 56054 58710 73326 17463 40307
24860 21744 14209 28881 49666 44039 59869 42462 15738 24126
03380 47578 39972 42756 04831 01298 65786 82426 78723 61254
82010 65574 03727 28196 04371 05772 97381 13239 80515 76589
79179 47018 04512 27826 70458 72918 51749 03792 04553 91570
70194 43322 45636 48818 88932 66223 39689 84310 29924 75830
46041 82943 33928 32365 22905 96310 36525 76783 65364 26364
55164 09796 19232 88470 73199 55752 19227 96048 31819 66081
24908 33974 65834 41964 52794 12949 44248 80931 28121 22004
01549 77081 04650 21343 70663 29592 26000 42700 53507 39222
26906 89411 90067 97494 97860 53372 11967 98233 61574 91082
91427 26159 34690 25960 21588 02217 73183 69110 89107 90336
24898 75743 24985 95299 37643 79417 44548 06411 96300 71306
12532 66659 87364 16675 94197 72047 14370 25744 78418 30796
12627 21143 83686 37088 36721 69125 82953 39059 19193 66752
08266 05705 23856 02207 21119 22416 42177 30447 59476 69794
06157 31385 97376 65478 16163 06175 00000

11163/9271/7532 kHz, 17-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 17-05, 1200/1210/1220 UTC

11166 70202 25841 16007 02179

25479 25254 62390 94674 70583 96026 45052 85755 24903 12504
03290 13532 33340 35567 88521 16902 74443 53247 92337 86024
35009 54585 10218 24638 40450 75210 38154 76937 07913 56684
38124 98687 20583 11800 33350 77258 46634 13030 19276 30276
51225 46304 01209 37575 75013 97306 94559 86141 77605 62482
48611 32725 69385 01933 79770 13819 80162 76399 25218 57692
38072 35516 52917 78156 57165 49513 88899 54758 57129 01572
47777 29092 63577 83007 77415 71900 62334 58475 53699 00677
06174 93379 86342 52435 97427 60681 21660 41347 94911 69280

53258 55924 18610 81178 76567 75448 50544 09591 48166 10317
55280 15204 35817 96010 68489 42767 70177 95352 27028 65203
34094 88767 38945 27423 50441 57205 16879 07040 54430 87434
23261 34162 61324 54386 00783 37457 65509 60230 86548 08672
31840 34889 33358 02793 65218 27649 86555 16052 69326 44589
89884 08933 30456 11486 18779 66404 87379 66895 64543 12528
73185 15108 17834 21668 40030 93640 24910 93452 02737 34980
15068 83705 62175 27240 22700 08515 94368 03440 52432 63638
16257 14082 60753 26421 64064 62715 52596 32431 45192 09178
16287 43981 49592 70202 45317 52732 31550 72065 20375 83574
97809 34989 50054 91955 62988 93951 93702 71860 58215 85626
14836 16618 03926 56111 38550 99733 82756 69152 11381 67924
73475 19540 87038 63544 31882 07215 00000

11163/9271/7532 kHz, 18-05, 0700/0710/0720 UTC
10523/8129/6947 kHz, 18-05, 1200/1210/1220 UTC

11166 70202 65284 17008 02219
08065 50226 87633 69711 90489 47209 24471 51686 80200 49562
78169 94606 90678 99954 13431 53697 31599 89620 75646 77082
24430 05073 68259 11356 23984 04615 79056 51763 63106 10572
85063 85460 62714 28178 90748 01275 74336 27067 79215 64403
47371 46293 81065 79493 38234 08830 90631 90538 03590 56473
84251 91029 44852 41097 20293 42797 96145 33190 25595 26978
72901 33620 98022 75556 23295 99553 79829 56904 49703 20476
81501 13759 92356 05245 60781 77089 92405 66117 86550 04272
76548 10690 42268 15022 30445 77678 48647 23515 53075 77494
10250 90140 09252 23531 15704 41319 22461 65122 46220 30824
75218 58088 72089 41047 09140 33824 41864 47637 41902 52858
93899 95960 43287 53818 44948 62817 37494 33750 35487 01839
23909 20718 36476 96023 33524 24629 47228 65840 63177 77214
39080 06325 54825 97118 24551 51628 12013 41006 56675 90439
70743 26659 88205 80729 66926 38973 45355 37236 67598 54807
95790 90157 58099 47615 15541 38464 02394 57798 84524 46277
18724 39726 65378 55756 37780 21343 45269 14923 35585 37323
45389 43866 58264 21685 27804 87763 80902 70829 54365 30159
67670 12909 77348 64924 25408 44501 66524 50358 67851 20490
02338 93847 32691 08111 89897 40533 18650 41101 73442 64415
34775 34873 55989 85343 79109 48669 53846 60314 88961 05624
40668 22533 29934 06675 60764 66654 15912 99255 16317 08219
00000

11166 70202 45827 17009 01799
66423 29553 50691 10914 45067 07892 41722 31413 17526 36323
96099 72099 03547 72239 69114 26116 27214 02944 06631 44527
27620 17712 99150 75426 98134 22927 51219 79701 08988 73711
33348 59393 92829 20505 08644 59601 97975 94016 51331 29848
39009 76996 99362 55862 99433 36265 08291 97707 66071 13425
98603 95199 99878 97704 13698 26536 72880 29380 30695 31097
25901 07178 91261 32340 26788 98142 44655 21729 33808 73368
20143 89633 93907 18050 71026 14145 30523 89291 57412 43734
00634 20107 59961 34697 25733 93038 41764 29322 26422 31860
00562 85718 15292 84766 78475 95242 27808 97513 21457 48456
95861 99939 05618 35563 93683 54294 72650 92249 10816 38826
41516 26878 31816 65068 88594 89959 27388 52236 13465 71858
86627 07212 32536 39647 45067 83514 67682 49064 88211 17726
22095 92505 35247 66784 60525 68991 32613 94603 36107 87038
12128 81438 30951 36384 93347 54448 02702 89491 34860 62882
54226 18782 64177 46339 68646 40527 40946 69524 76886 21332
33132 21951 49925 08161 10888 06020 32950 67835 87782 61916
63581 46937 64083 02762 41379 88060 51769 09177 00000

11163/9271/7532 kHz, 19-05, 0700/0710/0720 UTC
10523/8129/6947 kHz, 19-05, 1200/1210/1220 UTC
11166 70202 23574 19051 00049 00000 00000 00000 00000

11163/9271/7532 kHz, 22-05, 0700/0710/0720 UTC
10523/8129/6947 kHz, 22-05, 1200/1210/1220 UTC
11166 70202 85421 19010 02339

08792 96454 19107 15483 45205 19273 73170 66829 12830 40683
40696 27031 27789 90591 92665 33302 62644 39310 93121 43229
67222 20407 07141 43409 55536 84115 61649 22246 13531 54750
26244 42846 07295 90566 06235 76945 96460 69493 65072 85812
82468 49186 18359 59063 46372 74837 66634 47315 55892 33169
59112 49639 46391 76062 05563 41721 05459 62249 78531 55694
15806 90511 73070 47563 36140 22817 16186 13164 24719 20839
43168 38597 35266 44286 83014 96072 39941 84497 20117 21102
59042 31713 24409 31971 02141 99486 67149 77440 50326 54660
64552 23606 34247 26339 16421 15856 87650 92314 32003 76859
81090 66363 60227 26535 65498 34859 66533 34923 80308 16142
23462 43908 05822 41083 07212 18728 64489 78266 17329 15203
00820 52253 61740 73625 94573 28333 74301 75251 86959 62231
57044 22319 24499 38185 64335 27546 50251 43840 71101 24039
97101 55403 92330 31541 62771 31480 46033 39976 71266 39050
76839 96206 50433 59997 82437 04960 80318 51659 10028 79839
92013 59801 14979 05388 21679 07482 98887 96109 49427 08231
69216 63407 77759 76975 87697 26371 29245 37171 99699 27343
68112 47546 61734 38214 75472 96923 09298 68376 32827 40542
32232 10271 93572 76320 49787 83476 47180 84496 02592 63267
05736 79091 03689 04581 67534 44616 15850 97332 37407 56482
47350 14021 08484 08529 83378 35549 35057 96124 95287 66208
51257 28271 94855 73760 15208 67147 25766 15557 83363 18532
09471 10231 00000

11163/9271/7532 kHz, 23-05, 0700/0710/0720 UTC
10523/8129/6947 kHz, 23-05, 1200/1210/1220 UTC
11166 70202 32415 22011 02099

39035 36725 49488 06376 38705 77543 71271 30613 70767 63618
87416 24839 32748 44482 30025 46807 74624 51045 33803 45805
96617 28332 18477 68483 47085 68700 73647 76888 81456 50242
69529 95895 68129 10041 42003 32223 52283 06982 25418 32209
13544 53805 31596 70556 78419 23081 98451 87211 73477 56793
56691 14583 30166 34236 88005 62273 77244 77884 73210 51527
81740 01954 53764 16560 24383 33312 55099 14984 20449 59452
45213 14492 21953 83190 26945 48002 62121 88806 87382 54453
28096 49283 52840 47421 72788 29352 22835 78759 01840 64028
81505 89454 96611 17325 09913 64861 59150 50815 47652 36531
90063 56768 77227 97807 35240 35503 29603 25376 62358 21679
34402 23959 53117 89196 63156 36348 22127 89400 39066 85946
98396 02269 11704 44027 30355 05279 20092 38882 00350 89637
92598 49049 59553 78557 57091 47820 19214 27283 59774 91190
59195 09525 16160 66469 39740 20026 42608 43706 27390 47914
41862 97152 71004 00552 41039 88915 88817 82553 05481 32018
52461 59677 76938 75036 78906 62258 09502 75501 66244 07883
01723 54272 34261 47988 48366 48034 55725 68079 60225 02149
89344 96239 25451 71007 50316 99635 10808 18100 79409 73694
26321 32979 96526 53648 01733 07302 49672 03122 48215 37140
95265 59468 03777 43759 70746 40523 85792 11207 00000

11166 70202 87321 22012 01759
32804 88950 25378 74015 14766 56639 33208 60007 78438 41146
74240 96626 13639 51775 71142 52940 19380 27032 08606 88235
46180 64894 78443 46207 10729 14891 33748 94548 37600 05444
19337 45894 07715 04895 70645 21044 18217 39663 98263 40415
83470 17973 00316 54650 31856 32578 69841 50321 78051 40932

89403 91677 75497 46240 30076 84352 78713 27820 97017 71996
70176 94222 88821 01744 31432 57543 62812 19470 63130 52360
23494 80777 83679 47737 76326 88628 61197 25740 14027 93590
58448 24880 27570 17605 95463 71949 59088 87230 59520 50661
38857 87308 17166 80559 73537 70955 07995 04600 77894 86859
24835 08876 67138 09791 10060 22907 52117 85269 22695 73925
04517 24338 56015 93610 84273 09364 10317 00700 46377 96820
50549 07916 69261 27970 03509 26649 71959 83399 74256 67827
12215 42342 86472 62421 82748 32718 76416 50011 47839 82840
95194 08859 87440 10713 99013 25918 40996 11866 32103 30234
68150 31666 32013 38145 68543 33034 11956 83748 27872 95509
99883 33055 82413 06607 38998 05271 19190 31383 79368 49645
53960 71174 15355 12173 00000

11163/9271/7532 kHz, 24-05, 0700/0710/0720 UTC
10523/8129/6947 kHz, 24-05, 1200/1210/1220 UTC

11166 70202 25694 23013 02559
81983 00374 36331 53938 45066 11129 93277 86855 12195 67566
19966 45436 43967 86714 46726 82279 83156 56242 55920 04295
14764 28471 20757 10505 73822 53160 37949 99099 99399 41240
15160 48408 58219 76700 99169 01492 86358 18807 55706 09029
22443 61830 36866 10195 30783 44492 97079 56216 37896 26305
43543 06287 30835 72984 32059 50533 90782 18142 44231 39724
60321 93425 06940 26400 67850 44318 40040 47115 57554 73748
43222 00492 98382 80741 57966 00743 70471 86262 65537 11392
52439 63458 06946 88838 58004 14487 35826 90486 95351 61110
40157 27105 47694 41243 93769 64114 98460 28652 23579 01491
49556 17983 03472 86965 06115 42308 10795 42215 26204 15381
06382 06729 58904 15784 24045 29036 19208 55164 80483 59989
73162 97728 41535 27780 31719 23205 05716 99381 76700 50443
90984 58111 67335 63851 35659 51983 00803 09846 49440 92557
25214 55516 75461 08963 28470 26679 49322 86780 51444 67512
66019 46482 98909 88969 90735 41104 46663 98136 74406 77844
68277 25744 60018 93282 29920 94007 90555 36889 26673 91986
54554 42529 58798 50653 30186 92642 71377 34851 13819 04784
05777 94342 43984 95216 36350 41120 56691 99241 90852 45176
33033 52957 77966 65918 25005 66124 70405 61417 70492 40842
17014 42672 33352 15703 82315 65083 29527 40129 36932 74321
25141 08572 47329 48777 17491 09256 38305 05780 34899 67172
26678 63774 16348 85986 49603 77644 56829 18567 35947 89360
29362 20812 94177 61159 19609 68462 15187 83415 34020 41596
13500 74424 67454 06480 55288 14252 41213 49476 46655 79859
47416 42685 80592 13253 00000

11163/9271/7532 kHz, 25-05, 0700/0710/0720 UTC
10523/8129/6947 kHz, 25-05, 1200/1210/1220 UTC

11166 70202 37415 24014 02059
25774 86629 83372 14204 52878 38612 02833 95470 10210 36020
22425 50244 38345 99089 05125 77352 26217 21491 39274 93485
07157 94269 77055 19300 58156 45909 53531 68353 13285 53184
59676 06058 27214 02507 67870 70839 49767 06455 33252 74695
97451 05149 19398 25333 32891 07197 21755 37070 88114 49861
87263 22709 92621 83165 53608 83536 92181 07603 56535 39667
69281 20154 78675 67905 01177 48287 38309 39311 16481 76641
41505 73659 36218 96060 46082 52988 10296 29693 10821 61409
85321 15820 28366 43377 64701 52108 65264 97607 46964 30989
57556 48821 53247 20818 35388 64509 79878 72542 75048 08913
36990 56533 01898 51382 59113 59279 92604 71334 98671 94643
50142 26968 38336 09343 49972 79940 83149 87366 80859 93191
18390 82999 28751 44093 44077 37148 77164 20125 22095 56657
22509 89251 96831 61303 27795 62198 75305 28143 63151 88805
77694 87923 06602 55657 94213 53222 03534 77160 09283 83020
08292 97276 78906 13378 56337 44076 72226 08925 40418 04321

13165 14828 89175 10248 83100 13937 71627 55753 70524 18801
75971 84150 78600 53222 36144 14703 26577 03062 04567 00116
05979 40960 94521 32166 77526 54681 40595 37672 19716 33746
50626 31975 64991 94063 47594 22133 84457 45234 24885 77006
07063 30216 63377 14203

11166 70202 57321 24015 02079
81742 79066 97720 17673 08504 31204 78468 63821 61734 62053
17445 88487 64737 29228 83150 11393 77221 11808 48698 61650
37503 40122 34458 59743 16141 82655 36350 27725 10676 38525
81962 38576 36183 08957 81697 40661 91302 46205 67114 18223
04448 03351 33677 73845 89880 33419 30075 43830 68335 11246
61322 82413 31880 76537 97803 75780 57702 21563 07478 71794
00514 71905 53395 36381 18252 33725 23758 72525 10767 05961
86663 62786 76189 80904 86760 21300 14663 81605 25978 66180
34117 09511 95524 48276 37793 00818 51349 97207 98183 14934
50242 70628 47089 03522 88767 17650 36481 33536 12221 92354
49843 62705 85785 78358 68696 90895 45093 10330 23983 35785
68357 03433 87005 06299 37279 26610 79598 72226 78918 80651
08228 53479 05695 66989 51708 77406 95731 58149 57216 77614
80715 05802 24292 32735 33463 47348 81515 68564 72383 96977
85555 72022 25023 32138 97252 90365 17874 11349 14459 14092
84651 84305 66288 66972 10202 80200 98489 51651 52255 85212
04616 24250 08185 45080 82684 96409 18989 53728 22009 88215
27652 13849 49903 80440 34098 80407 92921 39532 13908 22987
32354 13805 92997 67920 58632 24249 95440 06149 54363 98413
06616 77732 60649 20793 18885 68967 06405 98148 51971 83033
05350 63216 65232 70111 50364 15205 00000

11163/9271/7532 kHz, 26-05, 0700/0710/0720 UTC

11166 70202 56891 25048 00049 00000 00000 00000 00000

11163/9271/7532 kHz, 29-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 29-05, 1200/1210/1220 UTC

11166 70202 75321 26016 02539
13434 31126 60827 71334 37817 84601 38648 75827 53134 05048
58131 49258 49092 72519 52148 93948 02124 68268 97444 21046
80038 66780 18564 88889 27645 32590 15701 61018 50502 07827
46160 32238 39013 01419 14124 96189 00037 15892 48404 52866
88200 72703 72872 79504 54116 22054 99247 13294 51672 48105
96941 19336 71594 05543 19641 42305 93472 48434 93310 65224
73416 37294 95314 23820 09562 35326 79338 49871 52579 29752
25796 42006 53401 39175 22417 87378 65341 92925 04690 82651
42789 93306 10866 27746 03687 96694 31194 90774 47948 74416
56082 67607 49034 39361 52878 84500 60857 49242 25941 17229
07199 22458 39707 25169 45843 27497 09437 23746 24600 31801
89311 43709 71411 21050 12592 50656 85726 24791 63512 23251
23336 09353 85597 13567 91845 23977 56096 37998 98991 11122
81213 72178 20965 16851 91834 48338 82945 62267 44419 78535
69039 61909 56763 52216 03785 00072 33310 81513 72438 00956
59700 92749 72211 53621 71246 87560 11653 77652 25023 22093
00370 40485 30252 77694 96256 62332 16687 21560 02441 69644
45662 80740 31117 83045 93507 77985 76470 50672 62021 02824
63859 62869 95673 16347 67462 09163 10235 13114 13570 63462
62527 88629 11707 08414 15964 85816 80767 34865 81587 18943
62372 77351 39275 98413 38605 71562 68818 04891 96340 44715
45539 86157 05337 74778 80158 75183 02290 79481 07580 52811
98024 21041 54291 03513 50031 37552 39070 37645 67503 36978
86668 78659 41099 14673 59183 38672 14587 80377 34784 30868
40580 05625 88490 92146 87534 27492 54697 14463 90206 69643
76110 16251 00000

11163/9271/7532 kHz, 30-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 30-05, 1200/1210/1220 UTC

11166 70202 15472 29017 02159

73939 92114 44700 18455 77708 33148 65001 16636 56971 96151
37981 93890 17824 37265 47625 61629 49710 40695 74912 99427
98927 54995 22931 99360 84025 38806 89356 47145 95286 27015
40982 13544 45479 53259 69989 54452 64062 89711 36638 43124
52039 90096 28077 82953 39642 46858 87951 74268 14036 98432
96498 33564 09228 47549 05821 88610 75374 76510 60019 97882
69669 70376 54883 67740 35998 84003 16813 65802 65554 13860
05669 53947 55597 60571 71236 89380 08541 93125 17991 67211
38569 50667 57852 02959 77945 42839 55606 78449 00232 34587
96703 99523 02577 26382 32101 39001 14282 65780 79837 63331
23822 51283 88047 66377 41509 14401 89076 58767 39987 90896
99401 86245 39753 17112 45043 75469 31876 12335 17147 30680
55117 33141 87433 29694 69630 10643 38197 92647 94429 06587
86540 21930 00817 49235 07543 36750 78952 34971 86029 50768
19759 06567 51652 66223 79342 44044 76956 83019 18126 29072
43116 46170 31866 68839 03046 80079 16768 90336 96548 83059
35854 40980 97213 80550 78801 56531 95733 60465 32418 82230
49339 39101 03948 58092 52027 31057 64407 04303 05289 21590
04115 67647 94001 64849 17623 14912 97191 56431 60234 84198
88345 53684 43278 30080 04959 42208 60352 23551 92012 71980
61706 92689 49061 11548 18958 14992 35621 93723 47325 97290
14550 51230 77573 17213 00000

11166 70202 48621 29018 02279

43627 49189 24276 92486 04267 76100 21457 11708 68028 38581
79061 60020 82428 31699 34911 13908 41772 61434 66144 70271
61590 35587 37526 56723 73869 58699 69780 41984 22775 29405
20119 07313 65548 63671 92177 64905 08266 92347 17527 34210
31154 06474 75953 12087 83133 48780 46701 97751 50298 74808
07850 58444 28002 32109 26038 46755 51252 30939 03691 05556
63081 04898 75966 21453 25604 84943 74592 12726 03433 35231
00784 62667 74147 24196 74430 34279 45497 29336 51742 27244
84037 99116 28542 63125 84867 20448 71383 09728 37184 65160
43695 80555 65310 13927 19126 70298 49906 81058 99292 12302
59042 88624 78100 68941 43823 63315 19839 90842 78249 54505
43235 05888 48007 96943 28646 23951 17867 66507 90591 68285
32385 02462 82798 69508 29596 94663 27955 83132 72377 59135
89360 16553 27180 50467 26661 76458 44806 84465 02842 72583
22930 69492 34692 38749 55039 69938 03903 57121 95494 50257
71004 96632 95386 73009 59319 01506 88884 49342 01122 90803
34754 65350 63193 54957 42748 32758 93963 60204 39538 37341
59413 96874 53891 83562 59939 32457 25773 58810 45364 55395
69055 65728 70275 20540 42535 96027 56888 32198 08936 44259
57609 25720 86584 84947 34499 33557 23457 61557 97818 46730
48268 60700 70840 07647 78300 70041 73115 95201 88664 43333
39394 88098 72669 21013 16371 17339 47988 79806 04448 43801
88320 09773 36711 21856 85229 18225 00000

11163/9271/7532 kHz, 31-05, 0700/0710/0720 UTC

10523/8129/6947 kHz, 31-05, 1200/1210/1220 UTC

11166 70202 75321 30019 02479

18644 89937 88044 19889 76312 22698 92195 33709 67278 69550
00134 09659 67679 71604 94532 21727 25569 34631 06762 14337
75926 72855 79599 34661 95994 54410 38251 06444 68145 84381
49344 43764 42441 86402 72614 28182 16099 68705 34942 97689
72037 85593 81446 20932 43681 30253 83320 55106 98242 19861
07080 10994 55625 58903 74937 73564 85180 91662 70974 51574
47467 79797 72797 54615 73227 65961 13373 21036 96755 09390
02729 45179 85845 04404 64198 77383 35512 17755 64909 95159
17669 05756 45197 69011 03947 97140 76633 71311 03845 52576

03347 01691 85409 36775 46343 27360 70610 64147 75494 61816
22613 03918 78895 30365 67138 55658 84263 95894 15084 31168
12088 43341 78613 03633 65194 46288 97878 10017 84432 64122
20578 17606 25152 43207 01542 90653 34180 20482 14510 18059
31965 52953 93319 88019 29590 21497 44663 20594 35332 82410
99620 94112 30459 65165 96151 26369 18963 39784 09724 96542
80889 02278 74285 18772 83984 51599 60742 03335 33316 56528
05158 66355 63582 35939 03834 73987 03777 00886 17481 32011
68905 31938 51659 56771 58440 90210 05670 88405 66207 85522
07098 32291 31375 50119 74181 39655 85251 91405 73205 63283
73573 22107 63098 49258 58958 91326 44425 50676 33230 64907
54963 74272 94296 28547 79048 95891 67258 12116 62870 05747
74444 58588 52927 69399 84067 86054 99796 15401 92174 16226
94435 85526 17587 67889 29187 08553 14514 38733 00678 83503
32537 23998 96795 83302 78634 45371 34949 14780 60953 88584
43766 95957 19004 73130 05452 19245 00000

Link 80214

18417/13975/11588 kHz, 11-05, 1330/1340/1350 UTC

11166 80214 12487 11047 00049 00000 00000 00000 00000

18417/13975/11588 kHz, 18-05, 1330/1340/1350 UTC

11166 80214 58246 18036 00049 00000 00000 00000 00000

18417/13975/11588 kHz, 25-05, 1330/1340/1350 UTC

11166 80214 13456 25077 00049 00000 00000 00000

F06a – FSK 200/1000

5913/7331/8137 kHz, 04-05/05-05, 0400/0415/0430 UTC File 44477
5913/7331/8137 kHz, 11-05/12-05, 0400/0415/0430 UTC File 44478
5913/7331/8137 kHz, 18-05/19-05, 0400/0415/0430 UTC File 44479
5913/7331/8137 kHz, 26-05, 0400/0415/0430 UTC File 44480 (916 bytes)

20067/16039/14486 kHz, 06-05/07-05, 2100/2115/2130 UTC File 04470
20067/16039/14486 kHz, 1305/14-05, 2100/2115/2130 UTC File 04471
20067/16039/14486 kHz, 20-05/21-05, 2100/2115/2130 UTC File 04472
20067/16039/14486 kHz, 27-05, 2100/2115/2130 UTC File 04473 (989 bytes)

12219/14652 kHz, 22-05, 0810/0820 UTC File 00173-~1.TXT (2321 bytes), 5LG message

11100 00173 85396 20142 03769
PFQYH XKXOQ RHGXX BCEQQ PSLAC ACXIK KQNBB NHOOL KFPML SGHTO
AMOQY IKWRG BTNDP WEOHM YLJXR VCXNO SFTFQ GEERU HERN A XFYWA
WERLP EPIUC HTINS RXBJS WCIKA YNMGK PCBPX XLRAP BTTJO UHAQD
EGCLF FQQRH GDDGY ODIFR OFCVU IBGGM PHHYK YGRBE KYICT GHJVF
IQVKC HBAVX VTSAT EDDTU MHOIE YECYA ACINI DXDVL RTUUI HTDLU
AECYE GBNOC EDPMT PNFKQ FCXQG RFVRE VHEES EIRSG PTOAW AJQWF
DEVYJ IUVGA COSFL YHEDX ROIWA NGEVT TJMFE OMLNA UUSRQ QYOGG
LRXWI OSGJP AJNVU LIXJN XCNUR WFYSQ BWDUY JOEIK DWTLM LCREQ
NYYIJ IDMCC URYRX PYDMF QTMRD EVTIU GRFDD GQFLW CEDXC KMPRF
YQYWU PDHUE FXSSE DFMBC FMAVQ IHYCY KMKOU ULGWU NVHFQ UTDPF
LBHRV DSHK VFASO JAICJ QFDQA CPNWC BOFAR XNJUQ RVMMX QTTVU
QQRHR HOYXB BVUFV JOPEK AJVQL KGTQP UJDRK IEDBO RYIGN WMGJG
XJQYY GWEEO KETOU HFWNL GPRMJ VJSGK SHBUL HDGQK BLRWW VFEP
TFYAI GLHYA THLGV SYXEJ JHNNM LSCXC HCRC S VUMIX IKAVO OSLWG
VMFNI BKXCW WSVWD QUIXU KCXUF TIUCR SJPRF IJAJN ENFYD QWCNT
JNQBT HYJDM PPFYF BAKDH VTMWC NWWQM UQHIQ WGHEP PETRC JUWYA
TRRMV LBGCO DQOPS MMOFM DCQKK VNJLR FXWVG RKKTY SCABK KJSWA
YUIAF UGKPJ OYMJT NISQO FMWDT DWXNJ CYIMS HQYDB QHXMG FFBDE
KJJRR WBWJF JFAEL YNKHL BUXWX DTQPU KWUWP KJVIF XLQNB DAAIO
WXYFR QYVUP XCGAI WKPFX ASQYV FFHEO XMGBB CCUEU CJTAH WTQMC
RKOVG FDNDY NYPQK MKRGL NHVTF POFGG SWEBH SLUMK XMBRW DRVIQ
GHVSB FYUPW FIHUG XMFNS KEKWG OQQMW DBEXT RLOJL JBLEK WNLMB
IEHTV ECRCO MHFGX QTVLG GFGE C RRCSO LSKVC NFIWI SWPTC CNND C

DDCRE AOLUI PMOJX RMKWC OCJFW CITVL XKHQV KJMQR RRAVX ARAYW
BDKVG VOAOW SBFWM UFSRV JGMCW TQKIG PVHBE TWSEG MLYQQ UXAGX
HQGPM QGPTB FAFUT IAFCJ JPYUH KYPNG UDXQY XGIEE FFQAJ SJHPU
BBBXU SMHMU WAFLR VQXNG VTXYT DFDLF CMFNH YAJDX NDJHI TEPRB
FLMWU CLJRY XFYLK IKQOH WSFJY QSYKM UJMBL PSFLW MVJII FVPVS
QKIAK MLDJT WHBNR DCGLP KXXUV LPJYB JCLBX PVQFF ASODW XJTXP
SLRAY JBKSA ODUPE YFJEB LBUKV KXMHF NWGON QLQHX BJTVI GEGNT
SDXFO EPSIV JNNPQ PBPTF JOKXC YEUXK ICUKG SSICA KGUWO RPYCR
CFSUD MGRXI XIYIJ OQIEB CKVPX MNNPU JWGFI BWCKC GQSHQ IKKCB
NKUIT MJOGU FDLJT JUNWC BSCATA YQQPW FPUIX NLAUH RRUNT JYJHK
TAVWN RMKEP LCKDU RNXOA GXVPX OLJTI MSRSA KXJAC IHKHQ HSFGT
FYVQV NVLPW VATKC JWVTT LVGPP UUHLO AORYB UWSXD BPOOY IBGHJ
VATXA ECFGW KFKAR TJQEV MLLKA TODAYC GUBBB XNJTE FGOPH FFSPL
CBRVK FWTPL TSGPM YKWVJ GLODO BBKNW TMBRS RFFSJ TUVKA VOUAG
VCCYW TORNE JWBEQ QTACP SUEOA

F02

Russian domestic net. Mode: MFSK-4/150Bd/4000Hz

14918 kHz, 02-05, 0830 UTC
14918 kHz, 12-05, 0830 UTC
16107 kHz, 16-05, 0700 UTC
14918 kHz, 16-05, 0830 UTC
14918 kHz, 19-05, 0830 UTC

F07

16329 kHz, 04-05/09-05/11-05/16-05/18-05/23-05, 2000 UTC
15887 kHz, 04-05/09-05/11-05/16-05/18-05/23-05, 2010 UTC
14937 kHz, 04-05/09-05/11-05/16-05/18-05/23-05, 2020 UTC
14458 kHz, 04-05/09-05/11-05/16-05/18-05/23-05, 2030 UTC
13892 kHz, 04-05/09-05/11-05/16-05/18-05/23-05, 2040 UTC
12207 kHz, 04-05/09-05/11-05/16-05/18-05/23-05, 2050 UTC

HM01 - Dirección General de Inteligencia

11530 kHz, 01-05/13-05. Repeat of April 6th

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

11530 kHz, 14-05, 1700 UTC

Groups: 53754 55202 58841 28087 52722 05217
File: 14756622.TXT sent after each group
Callsign: QWERTY01

11435 kHz, 15-05, 1612 UTC

Groups: 53755 55203 58841 80441 52723 05218
Files: 58315375.TXT 27635520.TXT 81825884.TXT 64488044.TXT 07325272.TXT 76730521.TXT
Callsign: QWERTY01

16-05/19-05. Repeat of May 15th

11435 kHz, 19-05, 1556 UTC

Briefly Radio Habana Cuba, then 53755 55203 58841 80441 52723 05218 (repeat of 15 May)

20-31 May. Not monitored

P07

9067 kHz, 07-05/10-05/14-05/17-05/21-05/27-05, 1400 UTC
8137 kHz, 07-05/10-05/14-05/17-05/21-05/27-05, 1410 UTC
7704 kHz, 07-05/10-05/14-05/17-05/21-05/27-05, 1420 UTC
6828 kHz, 07-05/10-05/14-05/17-05/21-05/27-05, 1430 UTC
6794 kHz, 07-05/10-05/14-05/17-05/21-05/27-05, 1440 UTC
5774 kHz, 07-05/10-05/14-05/17-05/21-05/27-05, 1450 UTC

Q26 - Chinese military

20120 kHz, 24-05, 0726 UTC

6W86 6W86 6W86 DE 92X7 92X7 92X7 QSA? ///
6W86 6W86 6W86 DE 92X7 92X7 92X7 QSA? ///
6W86 6W86 6W86 DE 92X7 92X7 92X7 QSA? ///
6W86 6W86 6W86 DE 92X7 92X7 92X7 QSA? ///
6W86 6W86 6W86 DE 92X7 92X7 92X7 QSA? ///
6W86 6W86 6W86 DE 92X7 92X7 92X7
XYXYXYXY HR MSG GA PSE U NOTE CY
1197 499 24 0524 1530
GODR---R3GP
2345 6507 3907 4915 6784 6812 3582 0193 0334 7208
1058 0234 2941 5678 7903 6147 6792 5638 8940 1253
5809 7536 2960 2748 1740 3120 4578 9682 5361 1439
7395 1730 7426 9134 5681 2456 8405 1267 8902 3890
8649 2456 7890 1283 4159 1256 7803 3796 5024 1370
1052 9742 7913 4568 8769 0263 9365 7481 5208 3140
2345 2956 2976 8370 1306 1756 8905 8479 8143 0241
8649 2398 6479 1305 2173 6152 0457 8906 1375 2084
4518 5324 2345 6780 1695 9401 7316 3920 9870 7862
6283 0629 9801 2346 7013 5671 0472 9845 9157 8354-1
4791 3406 3524 5961 5801 7468 3702 7320 8195 8692
0865 1580 8739 3696 2451 9234 6410 0768 2741 9712
6073 0891 1974 8640 2576 2581 5698 2139 4205 1348
6297 5678 8741 5690 3612 1394 0134 2037 5842 8905
6318 5698 6709 4570 3478 9216 1352 2496 4231 0687
8643 0942 1235 4357 9280 6078 6815 0493 6719 1275
4796 7520 1948 6594 8340 1582 3167 7813 2590 6203
6307 2850 7504 3568 1592 0672 6712 4398 8149 4193
8651 4795 3658 8914 4792 7306 7426 3209 1320 8150
7506 3742 0123 4568 2495 9678 8601 9128 7153 3094-2
6047 0631 1243 5810 8635 7934 8249 5790 2496 7215
6319 9510 0196 2568 0789 2347 7324 1546 3875 0248
7298 7452 0913 9638 6037 2956 4301 1650 8451 4328
7542 0186 5342 8346 7015 3829 5704 8690 9123 7961
7298 7312 7298 5460 1563 8435 6403 0579 4901 1826
8690 7493 6589 1587 7469 4325 2743 5201 1063 0281
6152 0978 6520 1234 0917 3685 4893 9456 2374 7810
9601 3086 3284 2456 7923 7291 7583 4976 0154 0186
7516 4236 4213 5806 5470 0298 7491 3892 9750 1638
7501 2013 3564 2658 2358 9278 4793 9610 8465 9104-3
9627 2987 3245 8021 4316 8106 7465 9531 0348 5790
5087 2869 6341 7210 0369 7301 1584 2845 3926 7954
8495 2103 1073 9032 2356 0695 8524 6749 4716 1478
6321 0879 7698 8903 4957 5306 3148 5417 1256 4210
1978 3975 5632 3591 4780 0471 6921 0254 6843 8620
0763 6704 1023 8391 1560 7893 7594 6281 5246 5924
6401 9627 4690 3125 7820 3964 2597 1478 0285 5318
7645 3521 9012 8649 4976 3285 7236 8430 9108 1705
7314 8620 0189 1547 6597 0459 5603 1269 3872 3842
2081 4085 4596 1567 2346 6851 0473 3928 7910 9832-4
7890 8645 3546 2376 4815 0127 4029 3615 9130 6927

8197 1768 3462 7890 1462 5291 3045 8543 9320 5760
6539 8765 8690 2340 1897 3145 1267 4180 2047 2539
7864 3952 2568 9123 9601 0513 4027 6178 0734 5439
7842 3126 6782 3574 5031 1290 6809 1084 4936 2975
7586 6423 2413 6789 4350 8136 7025 2910 9048 1597
6531 4256 8579 0267 2489 4798 6012 3570 1304 1938
9716 2975 6458 0568 6702 9348 3925 0314 8123 0137
2651 7845 5234 0758 9146 2743 0396 7089 6193 1850
0427 0430 0857 2022 1016 2023 0210 2013 1314
QSL? QSL? QSL? QSL? NR 330 /
QSL? QSL? QSL??

XPA1

13419/12219/11419 kHz, 03-05/05-05, 1210/1230/1250 UTC

424 424 424 1 424 424 424 1 424 424 424 1
03060 00188 43677 19294 99526 78797 04377 70120 67877 05254
40073 46353 54196 73783 66389 77227 91112 70053 44714 49843
24403 41375 73100 10485 39873 44683 83870 64177 65129 53899
02771 48218 81487 41023 15995 35254 42224 14886 14354 35594
90737 88372 70040 93923 26919 67527 26248 96590 88666 35534
19318 74893 82958 86610 56737 94722 08602 43850 71747 52191
79099 62599 07182 51610 48870 17128 24228 81644 91023 51801
63499 79449 22534 71109 50397 77278 65413 69921 18849 10325
34024 93558 90163 64178 82879 63874 41158 00017 26389 81756
18168 91910 91428 33044 97698 35701 12920 52740 15476 91213
06265 35343 64936 06643 22732 98293 64256 55003 29545 66522
43458 44192 93099 14557 68322 59057 15247 19224 57815 17524
76639 15843 65112 98274 36552 06146 78659 08409 18077 12933
55404 97352 47661 27617 87642 12034 56182 29772 41103 05492
84781 50849 21439 10192 51082 22888 09822 58052 78960 31053
93289 95467 59176 97870 57047 53332 33646 14316 63223 51156
48358 72492 33338 52257 93877 77423 30296 52663 14349 17919
12844 61344 26792 23273 46022 21669 03879 00012 12672 41120
41879 75840 12371 20804 13107 69584 79581 66861 30068 49455
45237

13419/12219/11419 kHz, 10-05/12-05/17-05/19-05, 1210/1230/1250 UTC

424 424 424 1 424 424 424 1 424 424 424 1
00444 00106 05174 26095 79656 64015 21185 00555 85158 75245
41395 29284 71746 13454 24359 28423 17351 16513 37071 13102
12932 55182 09042 23838 62238 28469 26957 56476 72227 85315
50219 08381 65003 13668 98338 96142 35764 64101 90816 52548
70153 27170 97488 06709 36060 87189 51778 62010 21150 32601
34771 76108 60876 50099 57122 93956 87663 25142 72455 59855
36718 87415 41901 40827 85554 35476 61633 51287 24450 58107
85454 15712 35718 49600 06528 48168 74988 91839 03568 01628
56005 04034 57475 89838 73023 71137 87796 17938 10778 83171
09909 25506 06395 47876 44507 48722 45970 22733 55595 39420
54348 32529 83148 67287 01591 09431 19500 37398 07133

13419/12219/11419 kHz, 24-05/26-05, 1210/1230/1250 UTC

424 424 424 1 424 424 424 1 424 424 424 1
00221 00098 96380 41943 48033 58498 20159 92687 03580 68681
33808 18427 23375 17505 53553 51412 43740 06387 17907 79108
10965 03984 81434 76288 39835 18927 56937 09447 25811 14616
22057 39956 71611 26768 20054 58950 54564 60686 42035 96297
68391 00338 01596 79357 80752 64023 61035 80343 30115 80081
46082 78191 34375 49254 89027 52069 93261 94226 82791 18218
16831 18866 10626 82680 33160 72408 54081 77801 41713 79032
03087 09764 88311 52164 65258 83324 94322 30062 50078 05610
33174 48162 14312 92204 77669 44005 19632 81547 41977 11672
31494 59089 72364 98627 32536 85816 29114 03391 01055 77059
35510

XPA2

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

12148/13448/13948 kHz, 01-05/03-05, 0700/0720/0740 UTC

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

12148/13448/13948 kHz, 08-05/10-05/15-05/17-05, 0700/0720/0740 UTC

09360 00104 26275 64938 17084 62877 17921 40307 18751 11566
59906 61486 25939 53389 28945 91305 39199 68136 72382 46138
22612 30559 28828 86689 89141 58664 71445 28773 56717 39142
58029 42054 80865 27626 39180 00241 40558 85218 74794 34007
25317 62629 97986 48340 04131 75196 75711 95797 25247 41403
37843 08207 13386 47773 30466 89323 83694 65502 79924 91476
21030 24052 43231 62152 20497 03581 67380 19081 97913 96056
65802 49987 00912 59764 13448 00402 30398 65553 47621 35189
79212 24306 12985 36262 61854 96710 86590 76880 40155 57666
03218 23281 95367 77024 23899 14612 94697 24307 92070 99813
27552 06151 41764 17756 06170 19538 03202

17431/15841/13934 kHz, 0700/0720/0740 UTC

17431/15841/13934 kHz, 01-05, 0910/0930/0950 UTC

05611 00001 00000 34656

17431/15841/13934 kHz, 03-05, 0910/0930/0950 UTC

06928 00001 00000 41660

17431/15841/13934 kHz, 08-05, 0910/0930/0950 UTC

09002 00001 00000 32161

17431/15841/13934 kHz, 10-05, 0910/0930/0950 UTC

07037 00001 00000 34662

17431/15841/13934 kHz, 15-05/17-05, 0910/0930/0950 UTC

07032 00056 45813 57360 74988 89279 83486 45900 60337 78448
20230 81696 34074 71546 63477 01151 24588 14678 68058 59139
02662 31039 15420 68227 02335 49108 68162 53831 96637 19503
34721 80801 63023 02247 80343 41763 76249 40730 74516 86360
92175 96145 23154 03798 58505 60580 48892 32417 41577 69683
18669 17341 85436 91585 58427 39869 45217 23277 52711

15938/14538/13438 kHz, 1500/1520/1540 UTC

15938/14538/13438 kHz, 01-05, 1500/1520/1540 UTC

01919 00001 00000 42252

15938/14538/13438 kHz, 06-05, 1500/1520/1540 UTC

06176 00001 00000 34665

15938/14538/13438 kHz, 08-05/13-05, 1500/1520/1540 UTC

00367 00286 54533 60408 47488 23105 05395 76532 60935 81398
66938 53960 65820 32438 46972 05832 54546 97013 93660 02595
27469 25483 64817 26077 61773 21708 06885 40097 41030 59470
88882 09312 02608 30415 28681 12607 31798 78760 81940 98649
06882 74549 99172 16458 13387 90986 91285 42521 76755 39576
55007 12854 51968 73660 10486 45008 46130 91812 81282 31636
31612 72625 96951 65588 89453 84981 66432 96105 76490 10219
38265 13305 56372 10176 48462 92476 51361 65980 39489 98253
10968 84719 63440 81363 03611 24286 63768 49207 83580 36643
74792 92039 20550 26484 64097 26022 80705 10655 76956 26672
85432 22737 95749 51903 45843 75519 21832 03800 37948 05252
31089 82813 55143 19045 78757 05445 11622 18586 79728 34443
02157 76099 58968 17612 94441 25669 23393 92019 50386 90706
04578 76106 27894 85216 35750 64042 39931 82132 08152 29814
31035 04076 71505 60514 99470 41180 79288 97864 36412 77624
25670 71627 75096 08266 25507 85657 37366 63559 42047 93852
69679 97932 58500 13333 58461 10682 51485 08596 35226 78776
51230 22855 52995 37566 80607 57394 21375 80407 18363 15029
76585 92392 16830 65999 53790 12269 86562 45151 50473 98916
25147 80793 19891 70371 18859 15073 79560 97008 38295 26257
84793 27555 23304 24585 82783 18855 98535 01164 69296 77396
04370 79839 75546 29656 46573 35898 65784 74014 41065 21857
02397 53310 18721 46613 75194 57515 97259 31619 07277 72006
59586 72331 22519 79950 54375 87604 26766 52733 11830 80321
97304 20124 86859 60587 87714 84612 64414 14594 70640 97444
76945 96569 07485 59647 64317 78888 28976 34106 30023 38437
02023 41055 00197 25182 22471 01557 09241 04166 79309 18382
43665 07113 14062 00210 70631 69849 62545 19645 60018 91055
16445 24963 41854 12937 66303 75908 29808 29840 60270

15938/14538/13438 kHz, 15-05, 1500/1520/1540 UTC

07739 00001 00000 41262

15938/14538/13438 kHz, 20-05, 1500/1520/1540 UTC

01747 00001 00000 40255

15938/14538/13438 kHz, 29-05, 1500/1520/1540 UTC

06364 00001 00000 34664

11168/12168/13368 kHz, 0500/0520/0540 UTC

11168/12168/13368 kHz, 02-05, 0500/0520/0540 UTC

04486 00001 00000 36264

11168/12168/13368 kHz, 04-05, 0500/0520/0540 UTC

04603 00001 00000 35654

11168/12168/13368 kHz, 09-05/11-05, 0500/0520/0540 UTC

00431 00038 84880 90468 78202 12691 98918 95708 37716 05298
93760 73974 60081 57863 97213 33748 49592 89018 54750 20203
88565 90569 62525 21918 07409 53201 73881 44573 75578 69743
09958 67898 20952 53737 22857 45393 59779 37198 00951 65391
33276

11168/12168/13368 kHz, 16-05, 0500/0520/0540 UTC
08682 00001 00000 35270

11168/12168/13368 kHz, 18-05, 0500/0520/0540 UTC
02317 00001 00000 36253

16159/14359/13459 kHz, 1100/1120/1140 UTC

16159/14359/13459 kHz, 02-05/05-05/09-05/12-05, 1100/1120/1140 UTC

01584 00062 99405 54470 12021 55330 12167 20665 74115 75868
09885 26602 04731 45447 72719 12734 83193 78236 63639 41223
00469 29575 33569 60438 92365 74732 38562 30510 03292 66840
53027 36268 81063 00756 71384 54826 71129 27183 32068 80048
39685 13133 35718 67820 57650 69725 29205 96304 16191 24229
53951 71760 99795 90826 87794 54994 43634 50674 16357 50428
69510 89714 69072 71786 26020

16159/14359/13459 kHz, 16-05, 1100/1120/1140 UTC
03756 00001 00000 37660

16159/14359/13459 kHz, 16-05, 1100/1120/1140 UTC
1100 UTC: Off during the intro
01270 00001 00000 32260

16159 kHz, 23-05, 1100 UTC
09608 00045 66698 41935 68283 63270 69169 22838 57996 44768
85901 81798 64972 89606 19085 07607 86450 59277 82744 24980
39734 05450 27446 78315 02252 07219 38850 63328 16805 96531
44327 16669 22645 28626 88465 28142 94156 68742 61313 34153
19825 74082 37617 41822 78548 80338 31088 51467

13459 kHz, 26-05/30-05, 1140 UTC
09608 00045 66698 41935 68283 63270 69169 22838 57996 44768
85901 81798 64972 89606 19085 07607 86450 59277 82744 24980
39734 05450 27446 78315 02252 07219 38850 63328 16805 96531
44327 16669 22645 28626 89465 28142 94156 68742 61313 34153
19825 74082 37617 41822 78548 80338 31088 51467

13538/14438/14938 kHz, 1600/1620/1640 UTC

13538/14438/14938 kHz, 02-05, 1600/1620/1640 UTC
02052 00001 00000 32257

13538/14438/14938 kHz, 04-05, 1600/1620/1640 UTC
03194 00001 00000 33664

13538/14438/14938 kHz, 09-05/11-05, 1600/1620/1640 UTC
00570 00297 32985 37933 30662 99388 18841 97514 30744 98742
46827 03843 35049 87791 18818 08630 91033 39224 40245 16705
22271 09359 21871 46256 22826 69175 03068 41022 28062 22457
10315 66894 08082 11200 76884 64147 13777 17224 28095 22548
04086 42381 41842 04819 60199 88151 40417 75682 93277 63954
43850 14049 15263 91921 62846 69931 69460 49414 87906 55870
46733 33143 41613 97536 94992 21133 35817 99424 60967 02555
14446 08284 52638 03367 18845 40079 05117 51289 81642 84421
10738 92960 52796 19679 85905 04716 06681 09921 26953 55399
84638 63065 29198 99354 92087 99220 15542 58618 54067 47251
73034 49251 70235 28936 75546 62784 11563 14696 58612 48442
57510 22729 14053 72826 69997 00751 69159 11331 09158 11765
51405 53952 28561 61576 75015 01373 28224 93555 95228 45525
20569 31458 63518 71304 47304 27838 18374 79224 69949 49567
00354 46949 72349 46980 22142 79199 88939 01362 44078 58106

06169 31759 76874 56272 58265 14785 53157 18514 78623 96812
50491 56496 81735 44945 57824 05762 21718 11562 83075 47593
19114 99869 67532 73846 49648 31921 76214 01101 99779 80453
57687 75507 05877 36178 21349 80265 99450 37593 60339 06919
71518 89656 82447 85502 64351 15607 11660 24819 84739 57411
25260 11824 48604 20762 54770 42977 65882 26858 57531 10092
86310 68925 00322 34072 92882 13105 44915 63723 29269 98700
33473 67360 59994 09569 92364 52842 01355 75318 41367 60423
83616 88207 85581 09949 65381 40284 52270 98234 66126 82992
15329 44453 59818 51936 86069 72163 03888 10167 15903 17155
51898 40669 51328 93943 80960 54136 73815 07288 50864 04750
92787 05319 11324 85009 40252 99700 39269 57899 98680 86307
08851 99145 21906 59809 61560 41039 54514 06139 54290 40659
87235 99588 00725 77988 21140 19994 70093 24732 31495 92275
07074 33459 48115 57947 75964 79194 96631 70629 80123 25737

13538/14438/14938 kHz, 16-05, 1600/1620/1640 UTC

09004 00001 00000 33261

13538/14438/14938 kHz, 18-05, 1600/1620/1640 UTC

08238 00001 00000 36265

13376/11576/10776 kHz, 2100/2120/2140 UTC

13376/11576/10776 kHz, 02-05/07-05, 2100/2120/2140 UTC

04338 00100 36777 34863 21038 27984 54249 63868 03123 82188
43599 56619 41999 65726 23625 08439 30084 01006 63122 53091
52256 69430 08844 27983 95107 46278 28187 96028 56781 81282
82393 72866 98791 05465 35365 26406 97982 60748 23611 41324
38396 83409 41807 84894 44252 58784 51520 99398 52726 16968
43513 02486 71944 04809 88106 99306 54375 37012 85028 82775
95114 09173 51943 36798 12172 04635 11654 76317 57218 67906
42825 74000 99729 16122 47285 84787 00362 51008 73116 30153
39914 26455 66342 03370 61671 58687 75506 07219 39605 51435
22280 67357 30500 21875 73011 39619 96755 83790 34286 77571
62415 29154 04151

13376/11576/10776 kHz, 05-05, 2100/2120/2140 UTC

09658 00001 00000 40266

13376/11576/10776 kHz, 14-05, 2100/2120/2140 UTC

02816 00001 00000 40253

13376/11576/10776 kHz, 16-05, 2100/2120/2140 UTC

02224 00001 00000 34544

13376/11576/10776 kHz, 21-05, 2100/2120/2140 UTC

02883 00001 00000 36662

13376/11576/10776 kHz, 23-05, 2100/2120/2140 UTC

04655 00042 52503 71569 62729 67911 67627 91199 61696 99977
94478 70708 49320 34673 49549 91993 42384 55565 79277 18690
03535 87614 14663 29682 36879 79256 27524 51855 30310 28325
33049 64077 59835 06067 73220 37777 97256 96831 34036 04846
76960 00024 24638 88220 42672

16147/15847/14747 kHz, 1100/1120/1140 UTC

16147/15847/14747 kHz, 03-05/04-05/10-05/11-05, 1100/1120/1140 UTC

07273 00118 47470 04997 53548 18699 68829 78101 38154 97219
67242 19699 04752 77093 07402 41712 97601 68881 61621 25782
96353 60872 10012 07212 04250 08794 53201 64847 89795 20070
37897 08114 78696 21402 36469 06390 53464 37278 29286 13351

92738 35054 41577 78516 56300 55209 24268 84601 11856 28485
20587 02124 98944 12624 31839 83493 73218 45934 30160 96519
17808 51926 47217 98996 21984 06470 76068 39738 15920 61261
76249 70300 41984 67248 94526 90296 22357 80484 25008 69410
02649 82412 09560 85569 52301 29659 69599 57454 82962 21514
88859 60788 80065 38073 46602 03821 13934 96214 74501 17826
86031 40647 41951 41159 17663 71382 65472 40313 80262 16046
18522 61219 14524 19380 66654 67988 40510 37850 43468 12282
44601

16147/15847/14747 kHz, 17-05, 1100/1120/1140 UTC

03479 00001 00000 37662

16147/15847/14747 kHz, 18-05, 1100/1120/1140 UTC

03300 00001 00000 32653

12194/13994/12194 kHz, 0910/0930/0950 UTC

12194/13994/12194 kHz, 04-05/11-05, 0910/0930/0950 UTC

00544 00144 73260 95421 00082 45855 43854 73724 42515 71874
42395 82844 43067 04134 22593 63014 16989 88158 60717 22318
31942 57361 81244 90546 01683 05286 48723 78349 91786 21431
18573 37293 76796 82521 17476 66071 56619 26139 91093 93518
44178 59962 54745 75033 84063 38346 79808 99764 09682 54447
53366 57685 64904 22472 99131 31435 48946 40904 77598 07265
15306 33783 58766 81150 65200 20812 56475 69086 32609 54181
65960 15456 80716 96370 56816 31810 35983 02348 22083 26227
52463 57403 96660 49448 97408 91001 58902 85203 03164 11974
90712 14445 63533 65334 42459 82118 52925 56433 33757 19411
31451 08077 55927 97059 03140 22840 99705 11182 37471 80351
49624 90456 60727 50814 18862 35258 97258 78471 50055 94565
72961 72083 18985 17550 93895 68020 79887 22723 66346 50300
86950 33309 89594 38516 80712 13386 60353 05269 99233 52838
56924 94797 95808 71871 00751 22565 45751

12194/13994/12194 kHz, 18-05, 0910/0930/0950 UTC

00205 00065 72500 92831 17656 31919 36855 51708 92379 09832
57612 45955 43924 18056 82072 37571 46333 20196 16065 80911
14596 97211 24359 06735 18885 33837 89242 53211 56115 87517
52869 21603 61540 68760 28699 73660 90819 49915 37231 11964
74050 44240 95324 90298 23497 11290 69932 84028 89620 50265
83830 05049 76830 19571 68278 33211 64039 50015 34831 13469
46618 10931 48444 66779 18061 81598 46196 63551

14794/13994/12194 kHz, 0910/0930/0950 UTC

14794/13994/12194 kHz, 06-05/13-05, 0910/0930/0950 UTC

00544 00144 73260 95421 00082 45855 43854 73724 42515 71874
42395 82844 43067 04134 22593 63014 16989 88158 60717 22318
31942 57361 81244 90546 01683 05286 48723 78349 91786 21431
18573 37293 76796 82521 17476 66071 56619 26139 91093 93518
44178 59962 54745 75033 84063 38346 79808 99764 09682 54447
53366 57685 64904 22472 99131 31435 48946 40904 77598 07265
15306 33783 58766 81150 65200 20812 56475 69086 32609 54181
65960 15456 80716 96370 56816 31810 35983 02348 22083 26227
52463 57403 96660 49448 97408 91001 58902 85203 03164 11974
90712 14445 63533 65334 42459 82118 52925 56433 33757 19411
31451 08077 55927 97059 03140 22840 99705 11182 37471 80351
49624 90456 60727 50814 18862 35258 97258 78471 50055 94565
72961 72083 18985 17550 93895 68020 79887 22723 66346 50300
86950 33309 89594 38516 80712 13386 60353 05269 99233 52838
56924 94797 95808 71871 00751 22565 45751

13942/14942/15942 kHz, 0800/0820/0840 UTC

13942/14942/15942 kHz, 07-05, 0800/0820/0840 UTC

05515 00001 00000 36256

13942/14942/15942 kHz, 14-05, 0800/0820/0840 UTC

09649 00001 00000 40665

13942/14942/15942 kHz, 19-05, 0800/0820/0840 UTC

06006 00049 59038 27191 62928 08617 72968 37157 11416 80430
69782 59742 42780 79360 54684 58431 25403 51836 99457 35899
46017 22068 44297 71488 81251 04298 06182 06195 51718 37385
97027 68181 99112 74567 75555 92092 42102 23451 27872 50624
10346 64244 20255 47066 20929 20180 08793 68442 69764 39625
34298 77364

Test/training

8094 kHz, 30-05, 0800 UTC

08639 00168 31343 72249 50927 31961 20303 43147 32304 00963
02296 74411 70983 27200 30376 27976 22322 08436 99029 23461
27860 88523 95648 56763 43949 40173 93363 44623 13196 32544
55727 98366 87784 62013 00521 11986 15628 45093 50955 45350
11403 50515 89404 20500 02177 00967 67384 01682 40935 66812
30259 99623 50849 06664 14676 02721 31843 55788 94447 31534
90270 93499 62409 31403 58714 79102 87372 38133 20898 69343
17408 12023 91471 89786 40071 40838 76660 03380 18993 16179
72589 16684 04745 35760 55874 61131 04000 50879 37540 60439
58464 13832 95266 13330 36076 70478 66736 94398 12449 84888
22126 88796 99056 37896 70359 02578 32595 95478 07337 11986
15810 22636 63912 94196 72116 06077 82617 83482 69112 78208
70928 83750 62857 36744 59966 81099 24990 83338 46886 40538
00862 76220072768 13858 02450 91505 75608 16272 10121 18294
02058 75262 61272 26776 50126 90148 08554 55110 63646 98408
11538 91789 73771 06627 74560 24666 06153 93164 37223 26838
31221 06836 54128 02242 45073 92227 55283 83932 34899 86033
56112

XPB1

13435 kHz, 01-05/02-05/08-05/09-05/15-05/16-05, 0500 UTC
13935 kHz, 01-05/02-05/08-05/09-05/15-05/16-05, 0510 UTC
14435 kHz, 01-05/02-05/08-05/09-05/15-05/16-05, 0520 UTC
14835 kHz, 01-05/02-05/08-05/09-05/15-05/16-05, 0530 UTC
15935 kHz, 01-05/02-05/08-05/09-05/15-05/16-05, 0540 UTC
16225 kHz, 01-05/02-05/08-05/09-05/15-05/16-05, 0550 UTC

16329 kHz, 01-05/06-05/08-05/13-05/15-05, 1200 UTC
15929 kHz, 01-05/06-05/08-05/13-05/15-05, 1210 UTC
14829 kHz, 01-05/06-05/08-05/13-05/15-05, 1220 UTC
14429 kHz, 01-05/06-05/08-05/13-05/15-05, 1230 UTC
13929 kHz, 01-05/06-05/08-05/13-05/15-05, 1240 UTC
13529 kHz, 01-05/06-05/08-05/13-05/15-05, 1250 UTC

20061 kHz, 02-05/05-05/09-05/12-05/16-05/19-05, 1300 UTC
19361 kHz, 02-05/05-05/09-05/12-05/16-05/19-05, 1310 UTC
18261 kHz, 02-05/05-05/09-05/12-05/16-05/19-05, 1320 UTC
17461 kHz, 02-05/05-05/09-05/12-05/16-05/19-05, 1330 UTC
16261 kHz, 02-05/05-05/09-05/12-05/16-05/19-05, 1340 UTC
14961 kHz, 02-05/05-05/09-05/12-05/16-05/19-05, 1350 UTC

13961kHz, 03-05/06-05/10-05/13-06/17-05 , 1100 UTC
13361kHz, 03-05/06-05/10-05/13-06/17-05 , 1110 UTC
12161kHz, 03-05/06-05/10-05/13-06/17-05 , 1120 UTC
11461kHz, 03-05/06-05/10-05/13-06/17-05 , 1130 UTC
10761kHz, 03-05/06-05/10-05/13-06/17-05 , 1140 UTC
10161kHz, 03-05/06-05/10-05/13-06/17-05 , 1150 UTC

DIPLOMATIC STATIONS

Here is an interesting video for you:

[The Invisible Shortwave Transmissions Of London's Secret Diplomatic World by Ringway Manchester](#)

Thanks to Costas for the link

Diplomatic stations: Bulgaria

17440 kHz, 03-05, 1225 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 18035 kHz
18035 kHz, 03-05, 1225 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
17442 kHz, 03-05, 1256 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 04-05, 1228 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 18035 kHz
18035 kHz, 04-05, 1228 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
17442 kHz, 04-05, 1258 UTC, RFSM	MFA Sofia wkg unid embassy
11184 kHz, 09-05, 0750 UTC, RFSM	Bulgarian diplo
14770 kHz, 09-05, 0827 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 16285 kHz
16285 kHz, 09-05, 0827 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 14770 kHz
11184 kHz, 09-05, 1045 UTC, RFSM	Bulgarian diplo
17440 kHz, 09-05, 1225 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 18035 kHz
18035 kHz, 09-05, 1225 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
17442 kHz, 09-05, 1300 UTC, RFSM	MFA Sofia wkg unid embassy
14770 kHz, 10-05, 0828 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 16285 kHz
16285 kHz, 10-05, 0828 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 14770 kHz
17440 kHz, 10-05, 1227 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 18035 kHz
18035 kHz, 10-05, 1227 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
17442 kHz, 10-05, 1259 UTC, RFSM	MFA Sofia wkg unid embassy
14770 kHz, 11-05, 0827 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 11-05, 1226 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 18035 kHz
18035 kHz, 11-05, 1226 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
11033 kHz, 11-05, 1229 UTC, RFSM	Bulgarian diplo
14770 kHz, 12-05, 0828 UTC, RFSM	MFA Sofia wkg unid embassy
17465 kHz, 12-05, 1258 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 15-05, 1227 UTC, RFSM	MFA Sofia wkg unid embassy
14770 kHz, 16-05, 0825 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 16-05, 1225 UTC, RFSM	MFA Sofia wkg unid embassy16
17442 kHz, 16-05, 1300 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 17-05, 1227 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 18035 kHz
18035 kHz, 17-05, 1227 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
14770 kHz, 18-05, 0827 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 16285 kHz
16285 kHz, 18-05, 0827 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 14770 kHz
17440 kHz, 18-05, 1226 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 18035 kHz
18035 kHz, 18-05, 1226 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz
17442 kHz, 18-05, 1257 UTC, RFSM	MFA Sofia wkg unid embassy
14770 kHz, 19-05, 0826 UTC, RFSM	MFA Sofia wkg unid embassy
17440 kHz, 19-05, 1226 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 18035 kHz
18035 kHz, 19-05, 1226 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz

Diplomatic stations: Egypt

15990 kHz, 02-05, 1703 UTC, CODAN-3012	99910: MFA Cairo wkg 66601: Egyptian embassy Washington
21855 kHz, 25-05, 1152 UTC, CODAN-9001	MFA Cairo clg Egyptian embassy Washington DC, before switching to SITOR-A
21856.7 kHz, 25-05, 1152 UTC, SITOR-A 100/170	MFA Cairo sending an Urgent 504-group 5F/hexadecimal message to the Egyptian embassy Washington
20016.7 kHz, 27-05, 1452 UTC, SITOR-A 100/170	71: MFA Cairo, 5 letters groups to Egyptian embassy Washington

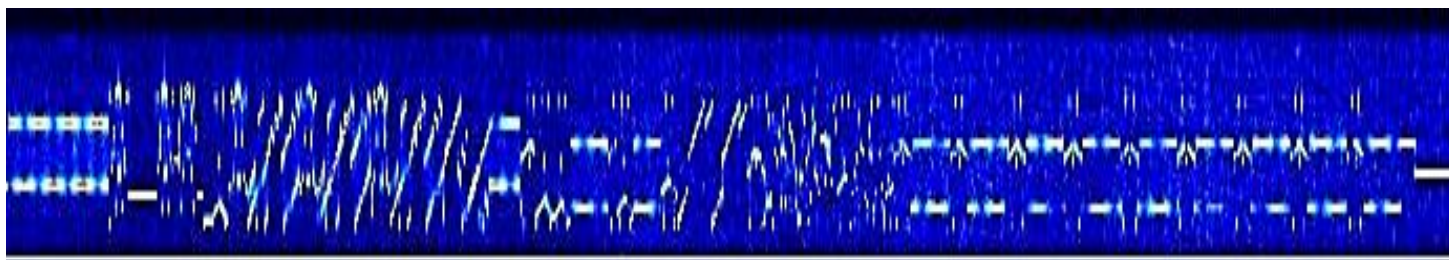
Diplomatic stations: North Korea

12400 kHz, 08-05, 0805 UTC, DPRK-ARQ 600 LSB
14800 kHz, 11-05, 1302 UTC, DPRK-ARQ 600 LSB
16252 kHz, 15-05, 1230 UTC, DPRK-ARQ 600 LSB
16252 kHz, 16-05, 0655 UTC, DPRK-ARQ 600 LSB
16255 kHz, 16-05, 0707 UTC, DPRK-ARQ 600 LSB
16255 kHz, 18-05, 0746 UTC, DPRK-ARQ 600 LSB
12400 kHz, 19-05, 0835 UTC, DPRK-ARQ 600 LSB

Diplomatic stations: Russia

13411 kHz, 02-05, 0800 UTC, MFSK-6	MFA Moscow clg 165423: Russian embassy Brussels
14358 kHz, 02-05, 0827 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
15989 kHz, 02-05, 0818 UTC, MFSK-6	MFA Moscow clg 125643: Russian embassy Ulaanbataar
14801 kHz, 02-05, 0832 UTC, MFSK-66	Russian diplo.
18433 kHz, 02-05, 1650 UTC, MFSK-66	Russian diplo.
17421 kHz, 02-05, 1700 UTC, MFSK-6	MFA Moscow clg 246531: Russian embassy Accra
18523 kHz, 02-05, 1156 UTC, MFSK-6	MFA Moscow clg 325614: Russian embassy Nairobi
21825 kHz, 04-05, 0724 UTC, MFSK-6	MFA Moscow clg 314265: Russian embassy Antananarivo
16313 kHz, 04-05, 0828 UTC, Serdolik v2	Russian diplo. Serdolik selcal
16313 kHz, 04-05, 1306 UTC, Serdolik v2	Russian diplo. Serdolik selcal
16313 kHz, 04-05, 1308 UTC, Serdolik v2	Russian diplo
16313 kHz, 04-05, 1314 UTC, Serdolik v2	Russian diplo
16313 kHz, 04-05, 1330 UTC, Serdolik v2	Russian diplo
16313 kHz, 04-05, 1338 UTC, Serdolik v2	Russian diplo
14474 kHz, 04-05, 0728 UTC, Serdolik v2	Russian diplo. Serdolik selcall
12092 kHz, 04-05, 0737 UTC, Serdolik v2	Russian diplo. Serdolik selcall
17517 kHz, 04-05, 0739 UTC, MFSK-66	Russian diplo
16027 kHz, 04-05, 0754 UTC, Serdolik v2	Russian diplo. Serdolik selcall
17519 kHz, 04-05, 0757 UTC, Serdolik v2	Russian diplo
17503 kHz, 04-05, 0803 UTC, Serdolik v2	Russian diplo
14372 kHz, 04-05, 0809 UTC, Serdolik v2	Russian diplo
17534 kHz, 04-05, 0822 UTC, MFSK-6	MFA Moscow clg 351264: Russian embassy Abu Dhabi
18197 kHz, 04-05, 0940 UTC, MFSK-6	MFA Moscow clg 645321: MFA Moscow clg Russian Consulate General Ho Chi Minh City
17432 kHz, 10-05, 0720 UTC, MFSK-66	Russian diplo
13419 kHz, 10-05, 0808 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
10251 kHz, 10-05, 0732 UTC, MFSK-66	Russian diplo
12112 kHz, 10-05, 0734 UTC, MFSK-66	Russian diplo
18591 kHz, 10-05, 0737 UTC, MFSK-6	MFA Moscow clg 435621: Russian embassy Maputo
11483 kHz, 10-05, 0744 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
13460 kHz, 10-05, 0748 UTC, MFSK-66	Russian diplo
14656 kHz, 10-05, 0748 UTC, Serdolik v2	Russian diplo
14655 kHz, 10-05, 0754 UTC, MFSK-6	MFA Moscow clg 164253: Russian embassy Addis Ababa
11153 kHz, 10-05, 0830 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
14812 kHz, 11-05, 0809 UTC, MFSK-6	MFA Moscow clg 263145: Russian embassy Prague
16062 kHz, 11-05, 0808 UTC, Serdolik v2	Russian diplo
16153 kHz, 11-05, 0819 UTC, MFSK-6	MFA Moscow clg 153624: Russian embassy Damascus
16087 kHz, 11-05, 0828 UTC, MFSK-6	MFA Moscow clg 263145: Russian embassy Prague
14414 kHz, 14-05, 1035 UTC, MFSK-6	MFA Moscow clg 145632: Russian embassy Algiers
20675 kHz, 15-05, 0911 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
12122 kHz, 15-05, 0659 UTC, MFSK-6	MFA Moscow clg 165324: Russian embassy Vienna
15989 kHz, 16-05, 0801 UTC, MFSK-6	MFA Moscow clg 125643: Russian embassy Ulaanbataar
13401 kHz, 16-05, 0824 UTC, MFSK-66	Russian diplo
12149 kHz, 16-05, 0830 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
14930 kHz, 16-05, 1318 UTC, OFDM-45	Russian Embassy Havana clg Russian MFA Moscow. QSX 16103 kHz
16103 kHz, 16-05, 1318 UTC, OFDM-45	MFA Moscow wkg Russian Embassy Havana. QSX 14930 kHz
16504 kHz, 18-05, 1409 UTC, Serdolik v2	Russian diplo
18575 kHz, 19-05, 1034 UTC, MFSK-6	MFA Moscow clg 352416: Russian embassy Dar es Salaam
14952 kHz, 16-05, 0826 UTC, MFSK-66	Russian diplo
15687 kHz, 16-05, 0838 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome

17419 kHz, 16-05, 1137 UTC, Serdolik v2	Russian diplo
16188 kHz, 16-05, 1143 UTC, MFSK-6	MFA Moscow clg 325614: Russian embassy Nairobi
13979 kHz, 17-05, 1118 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
19405 kHz, 18-05, 0742 UTC, MFSK-6	MFA Moscow clg 352416: Russian embassy Dar es Salaam
18575 kHz, 18-05, 0743 UTC, MFSK-6	MFA Moscow clg 352416: Russian embassy Dar es Salaam
17475 kHz, 22-05, 0819 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
17466 kHz, 22-05, 0827 UTC, Serdolik v2	Russian diplo
17475 kHz, 22-05, 0846 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
14686 kHz, 22-05, 0923 UTC, Serdolik v2	Russian diplo
19235 kHz, 22-05, 0935 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
14686 kHz, 22-05, 0941 UTC, Serdolik v2	Russian diplo
16117 kHz, 22-05, 1003 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
11492 kHz, 22-05, 1243 UTC, MFSK-6	MFA Moscow clg 364152: Russian embassy New Delhi
11492 kHz, 22-05, 1252 UTC, MFSK-6	MFA Moscow clg 364152: Russian embassy New Delhi
14941 kHz, 23-05, 0841 UTC, MFSK-66	Russian diplo
13369 kHz, 24-05, 0739 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
18276 kHz, 25-05, 1315 UTC, FSK 75/500	Russian Embassy Havana wkg Russian MFA Moscow
16156 kHz, 25-05, 1315 UTC, FSK 75/500	MFA Moscow wkg Russian embassy Havana



Serdolik v2

RUSSIAN MILITARY TRANSCRIPTS

Morse transmissions

Russian Military morse traffic

14411 kHz, 15-05, 1745 UTC

RDL RDL RDL 19073 22189 NUTOPRUD 9792 6035 K

Russian Navy morse traffic

7457 kHz, 22-04, 1000 UTC

RLO RLO RLO DE RIT RIT RIT

QTC 514 34 22 1257 513 BT

RADIOPROGNOZ

22043 63003 41522 00001 01218 40010 00002 01218 40011 00005

01218 60016 00006 01218 60015 00102 01218 40011 00001 01824

30009 00002 01824 20010 00005 01824 50015 00006 01824 50014

00102 01824 30010 AR

Digital transmissions

Russian tactical datalink

7260 kHz, 05-05, 1641 UTC, Akkord 1200Bd/800Hz

7260 kHz, 17-05, 1928 UTC, Akkord 1200Bd/800Hz

7240 kHz, 29-05, 1748 kHz, Akkord 1200Bd/800Hz

LOGS SECTION

Code	Date	UTC	Freq	Day	Details	Mode	Contributor
---	3-5	1735	14168	Wed	Russian-Ukrainian radio war. Loop transmission. Heavily jammed	USB	(AB)
---	3-5	1823	7055	Wed	Russian-Ukrainian radio war	LSB	(AB)
---	3-5	1823	7060	Wed	Russian-Ukrainian radio war	LSB	(AB)
---	5-5	1641	7260	Fri	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	8-5	1748	7261	Mon	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	8-5	1751	7050	Mon	Anti Russia broadcast	LSB	(AB)
---	12-5	1440	9310	Fri	Russian marching song. Loop transmission on top of VOA Radio Deewa	USB	(AB)
---	13-5	0540	9310	Sat	Russian national anthem. Loop transmission //8514 kHz	USB	(AB)
---	17-5	1928	7260	Wed	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
BUL	3-5	1225	17440	Wed	MFA Sofia wkg unid embassy. QSX 18035 kHz	RFSM	(AB)
BUL	3-5	1225	18035	Wed	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	3-5	1256	17442	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	4-5	1228	17440	Thu	MFA Sofia wkg unid embassy. QSX 18035 kHz	RFSM	(AB)
BUL	4-5	1228	18035	Thu	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	4-5	1258	17442	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	9-5	0750	11184	Tue	Bulgarian diplo	RFSM	(AB)
BUL	9-5	0827	14770	Tue	MFA Sofia wkg unid embassy. QSX 16285 kHz	RFSM	(AB)
BUL	9-5	0827	16285	Tue	Unid Bulgarian embassy wkg MFA Sofia. QSX 14770 kHz	RFSM	(AB)
BUL	9-5	1045	11184	Tue	Bulgarian diplo	RFSM	(AB)
BUL	9-5	1225	17440	Tue	MFA Sofia wkg unid embassy. QSX 18035 kHz	RFSM	(AB)
BUL	9-5	1225	18035	Tue	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	9-5	1300	17442	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	10-5	0828	14770	Wed	MFA Sofia wkg unid embassy. QSX 16285 kHz	RFSM	(AB)
BUL	10-5	0828	16285	Wed	Unid Bulgarian embassy wkg MFA Sofia. QSX 14770 kHz	RFSM	(AB)
BUL	10-5	1227	17440	Wed	MFA Sofia wkg unid embassy. QSX 18035 kHz	RFSM	(AB)
BUL	10-5	1227	18035	Wed	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	10-5	1259	17442	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	11-5	0827	14770	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	11-5	1226	17440	Thu	MFA Sofia wkg unid embassy. QSX 18035 kHz	RFSM	(AB)
BUL	11-5	1226	18035	Thu	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	11-5	1229	11033	Thu	Bulgarian diplo	RFSM	(AB)
BUL	12-5	0828	14770	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	12-5	1258	17465	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	15-5	1227	17440	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	16-5	0825	14770	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	16-5	1225	17440	Tue	MFA Sofia wkg unid embassy16	RFSM	(AB)
BUL	16-5	1300	17442	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	17-5	1227	17440	Wed	MFA Sofia wkg unid embassy. QSX 18035 kHz	RFSM	(AB)

BUL	17-5	1227	18035	Wed	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	18-5	0827	14770	Thu	MFA Sofia wkg unid embassy. QSX 16285 kHz	RFSM	(AB)
BUL	18-5	0827	16285	Thu	Unid Bulgarian embassy wkg MFA Sofia. QSX 14770 kHz	RFSM	(AB)
BUL	18-5	1226	17440	Thu	MFA Sofia wkg unid embassy. QSX 18035 kHz	RFSM	(AB)
BUL	18-5	1226	18035	Thu	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
BUL	18-5	1257	17442	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	19-5	0826	14770	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	19-5	1226	17440	Fri	MFA Sofia wkg unid embassy. QSX 18035 kHz	RFSM	(AB)
BUL	19-5	1226	18035	Fri	Unid Bulgarian embassy wkg MFA Sofia. QSX 17440 kHz	RFSM	(AB)
DPRK	8-5	0805	12400	Mon	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11-5	1302	14800	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	15-5	1230	16252	Mon	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	16-5	0655	16252	Tue	North Korean diplo	DPRK-ARQ 600	(AB)
DPRK	16-5	0707	16255	Tue	North Korean diplo	DPRK-ARQ 600	(AB)
DPRK	18-5	0746	16255	Thu	North Korean diplo	DPRK-ARQ 600	(AB)
DPRK	19-5	0835	12400	Fri	North Koean diplo	DPRK-ARQ 600 LSB	(AB)
E06	4-5	0300	14767	Thu	361 890 34 39097 71621 72607 ... 58782 59965 48252 890 34 00000	USB	(PY/HFD)
E06	4-5	0400	12157	Thu	361 890 34 39097 71621 72607 ... 58782 59965 48252 890 34 00000	USB	(PY/HFD)
E06	4-5	0500	14565	Thu	460 928 51 96115 54483 15684 ... 85950 98331 71209 928 51 00000	USB	(AB/HFD)
E06	4-5	0600	16125	Thu	460 928 51 96115 54483 15684 ... 85950 98331 71209 928 51 00000	USB	(AB/HFD)
E06	5-5	0300	14767	Fri	361 890 34 39097 71621 72607 ... 58782 59965 48252 890 34 00000	USB	(PY)
E06	5-5	0400	12157	Fri	361 890 34 39097 71621 72607 ... 58782 59965 48252 890 34 00000	USB	(PY)
E06	5-5	0500	14570	Fri	460 928 51 96115 54483 15684 ... 85950 98331 71209 928 51 00000	USB	(AB)
E06	5-5	0600	16125	Fri	460 928 51 96115 54483 15684 ... 85950 98331 71209 928 51 00000	USB	(AB)
E06	6-5	1300	13547	Sat	480 631 42 85415 05660 12561 ... 22126 84886 91515 631 42 00000	USB	(AB/MPJ-HOL/HFD)
E06	6-5	1330	11128	Sat	480 631 42 85415 05660 12561 ... 22126 84886 91515 631 42 00000	USB	(AB/MPJ-HOL/HFD)
E06	7-5	0930	14735	Sun	480 631 42 85415 05660 12561 ... 22126 84886 91515 631 42 00000	USB	(AB/HFD)
E06	7-5	1000	12207	Sun	480 631 42 85415 05660 12561 ... 22126 84886 91515 631 42 00000	USB	(AB/HFD)
E06	10-5	0710	11073	Wed	352 147 60 80753 61506 22468 ... 84491 05192 67964 147 60 00000	USB	(PY)
E06	11-5	0300	14767	Thu	361 247 35 31910 47780 01550 ... 99369 27650 84867 247 35 00000	USB	(PY)
E06	11-5	0400	12157	Thu	361 247 35 31910 47780 01550 ... 99369 27650 84867 247 35 00000	USB	(PY)
E06	11-5	0650	10755	Thu	975 238 60 56564 05408 93464 ... 17457 51036 72873 238 60 00000	USB	(PY)
E06	12-5	0300	14767	Fri	361 247 35 31910 47780 01550 ... 99369 27650 84867 247 35 00000	USB	(PY)
E06	12-5	0400	12157	Fri	361 247 35 31910 47780 01550 ... 99369 27650 84867 247 35 00000	USB	(PY)
E06	13-5	1300	13547	Sat	480 716 43 07833 86229 49643 ... 00790 29330 09572 716 43 00000	USB	(AB)
E06	13-5	1330	11128	Sat	480 716 43 07833 86229 49643 ... 00790 29330 09572 716 43 00000	USB	(AB)
E06	14-5	0930	14735	Sun	480 716 43 07833 86229 49643 ... 00790 29330 09572 716 43 00000	USB	(AB)
E06	14-5	1000	12207	Sun	480 716 43 07833 86229 49643 ... 00790 29330 09572 716 43 00000	USB	(AB)
E06	15-5	0210	11404	Mon	537 269 40 96014 31567 35736 ... 62591 03189 82487 269 40 00000	USB	(PY/HFD-J)
E06	15-5	0310	13562	Mon	537 269 40 96014 31567 35736 ... 62591 03189 82487 269 40 00000	USB	(PY/HFD-J)
E06	16-5	0210	11404	Tue	537 269 40 96014 31567 35736 ... 62591 03189 82487 269 40 00000	USB	(PY)
E06	16-5	0310	13562	Tue	537 269 40 96014 31567 35736 ... 62591 03189 82487 269 40 00000	USB	(PY)

E06	18-5	0500	14565	Thu	460 813 59 10885 95145 29425 ... 58806 97843 19503 813 59 00000	USB	(AB)
E06	18-5	0600	16125	Thu	460 813 59 10885 95145 29425 ... 58806 97843 19503 813 59 00000	USB	(AB)
E06	19-5	0500	14565	Fri	460 813 59 10885 95145 29425 ... 58806 97843 19503 813 59 00000	USB	(AB)
E06	19-5	0500	14565	Fri	460 813 59 10885 95145 29425 ... 58806 97843 19503 813 59 00000	USB	(AB)
E06	19-5	0600	16125	Fri	460 813 59 10885 95145 29425 ... 58806 97843 19503 813 59 00000	USB	(AB)
E06	19-5	0600	16125	Fri	460 813 59 10885 95145 29425 ... 58806 97843 19503 813 59 00000	USB	(AB)
E06	20-5	1300	13547	Sat	480 271 40 18917 65670 07835 ... 18973 30942 57563 271 40 00000	USB	(AB/PY)
E06	20-5	1330	11128	Sat	480 271 40 18917 65670 07835 ... 18973 30942 57563 271 40 00000	USB	(AB/PY)
E06	21-5	0930	14735	Sun	480 271 40 18917...	USB	(PY)
E06	22-5	0210	11404	Mon	537 806 41 5 _____ 15883 94225 ... 86397 50442 87719 806 41 00000	USB	(PY)
E06	22-5	0310	13571	Mon	537 806 41 5 _____ 15883 94225 ... 86397 50442 87719 806 41 00000	USB	(PY)
E06	23-5	0210	11404	Tue	537 806 41 5 _____ 15883 94225 ... 86397 50442 87719 806 41 00000	USB	(PY)
E06	23-5	0310	13571	Tue	537 806 41 5 _____ 15883 94225 ... 86397 50442 87719 806 41 00000	USB	(PY)
E06	25-5	0300	14767	Thu	361 908 37 14209 10011 83144 ... 87932 44378 94994 908 37 00000	USB	(PY)
E06	25-5	0400	12157	Thu	361 908 37 14209 10011 83144 ... 87932 44378 94994 908 37 00000	USB	(PY)
E06	26-5	0300	14767	Fri	361 908 37 14209 10011 83144 ... 87932 44378 94994 908 37 00000	USB	(PY)
E06	26-5	0400	12157	Fri	361 908 37 14209 10011 83144 ... 87932 44378 94994 908 37 00000	USB	(PY)
E06	27-5	1300	13547	Sat	480 257 40 39941...	USB	(PY/Subilo/MPJ)
E06	27-5	1300	13547	Sat	480 257 40 39941 74423 34229 ... 04714 58814 72797 257 40 00000	USB	(PY/Subilo/MPJ)
E06	27-5	1330	11128	Sat	480 257 40 39941 74423 34229 ... 04714 58814 72797 257 40 00000	USB	(PY/Subilo/MPJ)
E06	28-5	0930	14735	Sun	480 257 40 39941...	USB	(PY)
E06	28-5	1000	12207	Sun	480 257 40 39941...	USB	(PY)
E06	29-5	0210	11404	Mon	537 196 42 26338 00325 25633 ... _981_ 36927 92290 196 42 00000	USB	(PY)
E06	29-5	0310	13572	Mon	537 196 42 26338 00325 25633 ... _981_ 36927 92290 196 42 00000	USB	(PY)
E06	30-5	0210	11404	Tue	537 196 42 26338 00325 25633 ... _981_ 36927 92290 196 42 00000	USB	(PY)
E07	2-5	1500	16132	Tue	124 124 124 1 5701 97 5701 97 43937 33285 67296 ... 77455 52024 27959 000 000	USB	(AB/HFD)
E07	2-5	1520	18232	Tue	124 124 124 1 5701 97 5701 97 43937 33285 67296 ... 77455 52024 27959 000 000	USB	(AB/HFD)
E07	2-5	1540	19432	Tue	124 124 124 1 5701 97 5701 97 43937 33285 67296 ... 77455 52024 27959 000 000	USB	(AB/HFD)
E07	4-5	1410	15836	Thu	157 157 157 000	USB	(AB/MPJ/HFD)
E07	4-5	1430	14536	Thu	157 157 157 000	USB	(AB/MPJ/HFD)
E07	5-5	1500	16132	Fri	124 124 124 1 5701 97 5701 97 43937 33285 67296 ... 77455 52024 27959 000 000	USB	(AB-KWT/MPJ)
E07	5-5	1520	18232	Fri	124 124 124 1 5701 97 5701 97 43937 33285 67296 ... 77455 52024 27959 000 000	USB	(AB-KWT/MPJ)
E07	5-5	1540	19432	Fri	124 124 124 1 5701 97 5701 97 43937 33285 67296 ... 77455 52024 27959 000 000	USB	(AB-KWT/MPJ)
E07	6-5	1300	12176	Sat	152 152 152	USB	(AB/MPJ/HFD)
E07	6-5	1320	11576	Sat	152 152 152	USB	(AB/MPJ/HFD)
E07	6-5	1410	15836	Sat	157 157 157 000	USB	(AB)
E07	6-5	1430	14536	Sat	157 157 157 000	USB	(AB)
E07	7-5	0600	10317	Sun	312 312 312 000	USB	(AB/HFD)
E07	7-5	0620	11117	Sun	312 312 312 000	USB	(AB/HFD)
E07	9-5	1500	16132	Tue	124 124 124 000	USB	(AB/MPJ)
E07	9-5	1520	18232	Tue	124 124 124 000	USB	(AB/MPJ)
E07	11-5	1410	15836	Thu	157 157 157 1 3502 58 3502 58 32007 66295 62996 ... 33975 10035 52352 000 000	USB	(AB)

E07	11-5	1430	14536	Thu	157 157 157 1 3502 58 3502 58 32007 66295 62996 ... 33975 10035 52352 000 000	USB	(AB)
E07	11-5	1450	13536	Thu	157 157 157 1 3502 58 3502 58 32007 66295 62996 ... 33975 10035 52352 000 000	USB	(AB)
E07	12-5	1500	16132	Fri	124 124 124 000	USB	(AB/MPJ)
E07	12-5	1520	18232	Fri	124 124 124 000	USB	(AB/MPJ)
E07	13-5	1300	12176	Sat	152 152 152	USB	(AB)
E07	13-5	1320	11576	Sat	152 152 152	USB	(AB)
E07	13-5	1410	15836	Sat	157 157 157 1 3502 58 3502 58 32007 66295 62996 ... 33975 10035 52352 000 000	USB	(AB)
E07	13-5	1430	14536	Sat	157 157 157 1 3502 58 3502 58 32007 66295 62996 ... 33975 10035 52352 000 000	USB	(AB)
E07	13-5	1450	13536	Sat	157 157 157 1 3502 58 3502 58 32007 66295 62996 ... 33975 10035 52352 000 000	USB	(AB)
E07	14-5	0600	10317	Sun	312 312 312 000	USB	(AB)
E07	14-5	0620	11117	Sun	312 312 312 000	USB	(AB)
E07	16-5	1500	16132	Tue	124 124 124 1 3054 139 3054 139 57797 69060 02838 ... 03842 54628 61955 000 000	USB	(AB)
E07	16-5	1520	18232	Tue	124 124 124 1 3054 139 3054 139 57797 69060 02838 ... 03842 54628 61955 000 000	USB	(AB-KWT)
E07	16-5	1540	19432	Tue	124 124 124 1 3054 139 3054 139 57797 69060 02838 ... 03842 54628 61955 000 000	USB	(AB-KWT)
E07	18-5	1410	15836	Thu	157 157 157 000	USB	(AB/MPJ)
E07	18-5	1430	14536	Thu	157 157 157 000	USB	(AB/MPJ)
E07	19-5	1500	16132	Fri	124 124 124 1 3054 139 3054 139 57797 69060 02838 ... 03842 54628 61955 000 000	USB	(AB)
E07	19-5	1520	18232	Fri	124 124 124 1 3054 139 3054 139 57797 69060 02838 ... 03842 54628 61955 000 000	USB	(AB)
E07	19-5	1540	19432	Fri	124 124 124 1 3054 139 3054 139 57797 69060 02838 ... 03842 54628 61955 000 000	USB	(AB)
E07	20-5	1300	12176	Sat	152 152 152	USB	(MPJ)
E07	20-5	1320	11576	Sat	152 152 152	USB	(MPJ/PY)
E07	20-5	1410	15836	Sat	157 157 157 000	USB	(MPJ/PY)
E07	20-5	1430	14536	Sat	157 157 157 000	USB	(MPJ)
E07	21-5	0600	10317	Sun	312 000	USB	(PY)
E07	23-5	1500	16132	Tue	124 124 124 000	USB	(MPJ/PY)
E07	23-5	1520	18232	Tue	124 124 124 000	USB	(MPJ/PY)
E07	25-5	1410	15836	Thu	157 1 412 69 18382...	USB	(PY)
E07	26-5	1500	16132	Fri	124 124 124 000	USB	(MPJ/PY)
E07	26-5	1520	18232	Fri	124 124 124 000	USB	(MPJ/PY)
E07	27-5	1300	12176	Sat	152 152 152 000	USB	(MPJ/PY/LuCa)
E07	27-5	1320	11576	Sat	152 152 152 000	USB	(MPJ/PY/LuCa)
E07	27-5	1410	15836	Sat	157 1 412 69 18382 50101 80151 ... 20267 67937 44993 000 000	USB	(MPJ/RL-HOL/PY)
E07	27-5	1430	14536	Sat	157 1 412 69 18382 50101 80151 ... 20267 67937 44993 000 000	USB	(MPJ/RL-HOL)
E07	27-5	1450	13536	Sat	157 1 412 69 18382 50101 80151 ... 20267 67937 44993 000 000	USB	(MPJ)
E07	28-5	0600	10317	Sun	312 000	USB	(PY)
E07	28-5	0620	11117	Sun	312 000	USB	(PY)
E07	30-5	1500	16132	Tue	124 1 6970 96 51159 41329 67261 ... 79371 84502 40896 000 000.	USB	(MPJ/PY/LuCa)
E07	30-5	1520	18232	Tue	124 1 6970 96 51159 41329 67261 ... 79371 84502 40896 000 000.	USB	(MPJ/PY/LuCa)
E07	30-5	1540	19432	Tue	124 1 6970 96 51159 41329 67261 ... 79371 84502 40896 000 000.	USB	(MPJ/PY/LuCa)
E11	1-5	0315	14972	Mon	251/00	USB	(AB-POL)
E11	1-5	0450	7469	Mon	415/00	USB	(AB/HFD)
E11	1-5	0715	18030	Mon	753/00	USB	(AB/HFD)

E11	1-5	0745	9610	Mon	267/00	USB	(AB/HFD)
E11	1-5	0830	16335	Mon	183/00	USB	(AB-POL/HFD)
E11	1-5	0900	9052	Mon	535/00	USB	(AB/HFD)
E11	1-5	1045	12089	Mon	690/00	USB	(AB/HFD)
E11	1-5	1300	5737	Mon	311/00	USB	(AB/HFD)
E11	1-5	1745	14410	Mon	242/00	USB	(AB/MPJ/HFD)
E11	1-5	1900	7600	Mon	640/00	USB	(AB/HFD)
E11	2-5	0745	14940	Tue	221/00	USB	(AB/HFD)
E11	2-5	0820	17378	Tue	131/00	USB	(AB)
E11	2-5	0845	19184	Tue	156/30 Attention 80912 ...	USB	(HFD)
E11	2-5	1000	12153	Tue	306/30 Attention 85129 ...	USB	(HFD)
E11	2-5	1205	6304	Tue	465/00	USB	(AB-POL/HFD)
E11	2-5	1430	12984	Tue	914/35 Attention 26422 ...	USB	(HFD)
E11	2-5	1605	5231	Tue	235/00	USB	(AB/HFD)
E11	2-5	1645	14575	Tue	337/00	USB	(MPJ/HFD)
E11	3-5	0315	14972	Wed	252/00	USB	(AB-POL)
E11	3-5	0715	18030	Wed	755/00	USB	(AB-POL)
E11	3-5	0745	15720	Wed	active, too weak to copy	USB	(AB-POL)
E11	3-5	0820	17378	Wed	133/00	USB	(HFD)
E11	3-5	0900	9052	Wed	538/00	USB	(AB/HFD)
E11	3-5	0930	6923	Wed	279/00	USB	(AB-POL/HFD)
E11	3-5	1045	12089	Wed	693/00	USB	(AB/MPJ)
E11	3-5	1205	6304	Wed	469/00	USB	(AB-POL)
E11	3-5	1715	7863	Wed	970/00	USB	(AB/MPJ)
E11	3-5	1910	4783	Wed	391/00	USB	(AB/HFD)
E11	4-5	0745	14940	Thu	227/00	USB	(AB/HFD)
E11	4-5	0820	4909	Thu	430/00	USB	(AB/HFD)
E11	4-5	0820	4909	Thu	430/00	USB	(HFD)
E11	4-5	0930	6923	Thu	273/00	USB	(AB-POL)
E11	4-5	1300	5737	Thu	310/00	USB	(AB-POL)
E11	4-5	1530	10356	Thu	261/00	USB	(AB/HFD)
E11	4-5	1645	14575	Thu	332/00	USB	(AB-POL/MPJ)
E11	4-5	1730	8088	Thu	413/00	USB	(AB/HFD)
E11	4-5	1900	7600	Thu	649/00	USB	(AB)
E11	4-5	2000	5409	Thu	527/00	USB	(AB/HFD)
E11	5-5	0820	4909	Fri	431/00	USB	(AB-POL)
E11	5-5	0830	16335	Fri	183/00	USB	(AB-POL)
E11	5-5	1715	7863	Fri	972/00	USB	(AB/MPJ)
E11	5-5	1815	12229	Fri	927/34 Attention 24652 ...	USB	(HFD)
E11	5-5	1910	9610	Fri	612/00	USB	(AB/HFD)
E11	6-5	0700	7377	Sat	495/00	USB	(AB/HFD)
E11	6-5	1530	5082	Sat	366/00	USB	(AB/HFD)

E11	6-5	1910	4783	Sat	392/00	USB	(AB)
E11	7-5	0700	7377	Sun	491/00	USB	(AB)
E11	7-5	1530	5082	Sun	367/00	USB	(AB-POL/MPJ-AUT)
E11	7-5	1605	5231	Sun	235/00	USB	(AB)
E11	7-5	1745	14410	Sun	248/00	USB	(AB/MPJ)
E11	7-5	1910	9610	Sun	610/00	USB	(AB)
E11	7-5	2000	5409	Sun	521/00	USB	(AB-POL)
E11	8-5	0315	14972	Mon	255/00	USB	(AB-POL)
E11	8-5	0450	7469	Mon	414/00	USB	(AB)
E11	8-5	0715	18030	Mon	753/00	USB	(AB-POL)
E11	8-5	0745	9610	Mon	260/00	USB	(AB)
E11	8-5	0845	12815	Mon	714/00	USB	(AB)
E11	8-5	0900	9052	Mon	535/00	USB	(AB)
E11	8-5	1045	12089	Mon	692/00	USB	(AB)
E11	8-5	1300	5737	Mon	311/00	USB	(AB-POL)
E11	8-5	1745	14410	Mon	244/00	USB	(AB)
E11	8-5	1900	7600	Mon	641/00	USB	(AB)
E11	9-5	0645	8091	Tue	519/00	USB	(AB)
E11	9-5	0700	8680	Tue	570/00	USB	(AB)
E11	9-5	0715	10429	Tue	639/00	USB	(AB)
E11	9-5	0745	14940	Tue	221/00	USB	(AB)
E11	9-5	0820	17378	Tue	135/00	USB	(AB-POL)
E11	9-5	0845	19184	Tue	150/00	USB	(AB)
E11	9-5	1000	12153	Tue	300/00	USB	(AB)
E11	9-5	1430	12984	Tue	914/00	USB	(AB/MPJ)
E11	9-5	1605	5231	Tue	233/00	USB	(AB)
E11	9-5	1645	14575	Tue	338/00	USB	(AB-POL)
E11	10-5	0315	14972	Wed	250/00	USB	(AB-POL/HFD)
E11	10-5	0715	18030	Wed	753/00	USB	(AB-POL)
E11	10-5	0745	15720	Wed	347/00	USB	(AB-POL)
E11	10-5	0820	17378	Wed	135/00	USB	(AB)
E11	10-5	0845	12815	Wed	715/00	USB	(AB)
E11	10-5	0900	9052	Wed	537/00	USB	(AB)
E11	10-5	0930	6923	Wed	278/00	USB	(AB-POL)
E11	10-5	1045	12089	Wed	690/00	USB	(AB)
E11	10-5	1910	4783	Wed	393/00	USB	(AB)
E11	11-5	0645	8091	Thu	510/00	USB	(AB)
E11	11-5	0745	14940	Thu	229/00	USB	(AB)
E11	11-5	0820	4909	Thu	434/00	USB	(AB-POL)
E11	11-5	0845	19184	Thu	156/00	USB	(AB-POL)
E11	11-5	0930	6923	Thu	278/00	USB	(AB-POL)

E11	11-5	1300	5737	Thu	310/00	USB	(AB-POL)
E11	11-5	1530	10356	Thu	261/00	USB	(AB)
E11	11-5	1645	14575	Thu	331/00	USB	(AB)
E11	11-5	1730	8088	Thu	415/00	USB	(AB)
E11	11-5	1900	7600	Thu	648/00	USB	(AB)
E11	12-5	0600	9150	Fri	353/00	USB	(AB)
E11	12-5	0700	8680	Fri	571/00	USB	(AB)
E11	12-5	0715	10429	Fri	634/00	USB	(AB)
E11	12-5	0745	15720	Fri	348/00	USB	(AB)
E11	12-5	0820	4909	Fri	439/00	USB	(AB-POL)
E11	12-5	1000	12153	Fri	304/00	USB	(AB)
E11	12-5	1815	12229	Fri	921/00	USB	(AB/MPJ)
E11	13-5	1430	12984	Sat	915/00	USB	(AB)
E11	13-5	1530	5082	Sat	366/00	USB	(AB)
E11	13-5	1910	4783	Sat	396/00	USB	(AB/HFD)
E11	14-5	0600	9150	Sun	359/00	USB	(AB)
E11	14-5	1530	5082	Sun	364/00	USB	(AB-POL)
E11	14-5	1605	5231	Sun	233/00	USB	(AB)
E11	14-5	1745	14410	Sun	242/00	USB	(AB)
E11	14-5	1815	12229	Sun	926/00	USB	(AB/MPJ)
E11	15-5	0315	14972	Mon	253/00	USB	(AB-POL)
E11	15-5	0715	18030	Mon	755/00	USB	(AB-POL)
E11	15-5	0830	16335	Mon	184/00	USB	(AB)
E11	15-5	0845	12815	Mon	714/00	USB	(AB)
E11	15-5	1900	7600	Mon	643/00	USB	(AB)
E11	16-5	0645	8091	Tue	518/00	USB	(AB)
E11	16-5	0700	8680	Tue	573/00	USB	(AB)
E11	16-5	0715	10429	Tue	635/00	USB	(AB)
E11	16-5	0845	19184	Tue	157/00	USB	(AB-POL)
E11	16-5	1000	12153	Tue	306/00	USB	(AB)
E11	16-5	1205	6304	Tue	461/00	USB	(AB-POL)
E11	16-5	1430	12984	Tue	919/00	USB	(AB)
E11	16-5	1605	5231	Tue	238/00	USB	(AB)
E11	16-5	1645	14575	Tue	330/00	USB	(AB-POL)
E11	17-5	0315	14972	Wed	258/00	USB	(AB-POL)
E11	17-5	0715	18030	Wed	755/00	USB	(AB-POL)
E11	17-5	0745	15720	Wed	343/00	USB	(AB-POL)
E11	17-5	0845	12815	Wed	719/00	USB	(AB)
E11	17-5	0930	6923	Wed	278/00	USB	(AB-POL)
E11	17-5	1205	6304	Wed	466/00	USB	(AB-POL)
E11	17-5	1715	7863	Wed	975/00	USB	(AB)
E11	18-5	0645	8091	Thu	515/00	USB	(AB)

E11	18-5	0820	4909	Thu	439/00	USB	(AB-POL)
E11	18-5	0845	19184	Thu	159/00	USB	(AB-POL)
E11	18-5	0930	6923	Thu	276/00	USB	(AB-POL)
E11	18-5	1645	14575	Thu	331/00	USB	(AB/MPJ)
E11	18-5	1900	7600	Thu	641/00	USB	(AB)
E11	18-5	2000	5409	Thu	522/00	USB	(AB)
E11	19-5	0600	9150	Fri	353/00	USB	(AB)
E11	19-5	0700	8680	Fri	571/00	USB	(AB)
E11	19-5	0715	10429	Fri	630/00	USB	(AB)
E11	19-5	0745	15720	Fri	346/00	USB	(AB)
E11	19-5	0820	4909	Fri	430/00	USB	(AB-POL)
E11	19-5	0830	16335	Fri	180/00	USB	(AB)
E11	19-5	1000	12153	Fri	304/00	USB	(AB)
E11	19-5	1715	7863	Fri	975/00	USB	(AB)
E11	19-5	1815	12229	Fri	924/00	USB	(AB)
E11	20-5	0700	7377	Sat	490/00	USB	(PY)
E11	20-5	1430	12984	Sat	910/00	USB	(AB/PY)
E11	21-5	0600	9150	Sun	359/00	USB	(PY)
E11	21-5	0700	7377	Sun	491/00	USB	(PY)
E11	21-5	1605	5231	Sun	237/00	USB	(PY)
E11	21-5	1815	12229	Sun	924/00	USB	(MPJ/PY)
E11	21-5	1910	9610	Sun	614/00	USB	(AB/PY)
E11	22-5	0315	14972	Mon	251/00	USB	(Subilo)
E11	22-5	0450	7469	Mon	416/00	USB	(PY)
E11	22-5	0745	9610	Mon	264/00	USB	(PY)
E11	22-5	0900	9052	Mon	535/00	USB	(qsr711)
E11	22-5	1300	5737	Mon	314/00	USB	(PY)
E11	22-5	1745	14410	Mon	246/00	USB	(Subilo)
E11	23-5	0845	19184	Tue	151/00	USB	(sse)
E11	23-5	1205	6304	Tue	460/00	USB	(MPJ)
E11	23-5	1430	12984	Tue	914/00	USB	(MPJ)
E11	23-5	1605	5231	Tue	238/38	USB	(itayki)
E11	24-5	0315	14972	Wed	250/00	USB	(Subilo)
E11	24-5	0820	17378	Wed	132/00	USB	(PY)
E11	24-5	0900	9052	Wed	536/00	USB	(PY)
E11	24-5	1910	4783	Wed	393/00	USB	(Subilo)
E11	25-5	0645	8091	Thu	515/00	USB	(PY)
E11	25-5	1300	5737	Thu	311/00	USB	(MPJ-HOL)
E11	25-5	1530	10356	Thu	264/00	USB	(MPJ)
E11	25-5	1730	8088	Thu	414/00	USB	(AB)
E11	25-5	2000	5409	Thu	528/00	USB	(PY)
E11	26-5	0600	9150	Fri	353/00	USB	(PY)

E11	26-5	0700	8680	Fri	571/00	USB	(PY)
E11	26-5	0745	15720	Fri	342/00	USB	(PY)
E11	26-5	1000	12153	Fri	306/00	USB	(PY)
E11	26-5	1715	7863	Fri	970/00	USB	(PY)
E11	26-5	1815	12229	Fri	927/00	USB	(MPJ)
E11	26-5	1815	12229	Fri	927/00	USB	(PY)
E11	26-5	1910	9610	Fri	612/00	USB	(Subilo)
E11	27-5	0600	7377	Sat	490/00	USB	(Subilo)
E11	27-5	1430	12984	Sat	911/00	USB	(MPJ)
E11	27-5	1430	12984	Sat	911/00	USB	(Subilo)
E11	27-5	1530	5082	Sat	362/00	USB	(EL)
E11	27-5	1530	5082	Sat	360/00	USB	(RL-HOL)
E11	27-5	1910	4783	Sat	392/00	USB	(PY)
E11	28-5	0600	9150	Sun	355/00	USB	(PY)
E11	28-5	0700	7377	Sun	490/00	USB	(Subilo)
E11	28-5	1530	5082	Sun	364/00	USB	(MPJ)
E11	28-5	1530	5082	Sun	368/00	USB	(Subilo)
E11	28-5	1745	14410	Sun	246/00	USB	(AB)
E11	28-5	1745	14410	Sun	246/00	USB	(PY)
E11	28-5	1815	12229	Sun	929/00	USB	(PY)
E11	28-5	1910	9610	Sun	613/00	USB	(PY)
E11	28-5	2000	5409	Sun	525/00	USB	(Itayki)
E11	29-5	0450	7469	Mon	410/00	USB	(Subilo)
E11	29-5	0745	9610	Mon	269/00	USB	(Subilo)
E11	29-5	0830	16335	Mon	181/00	USB	(Subilo)
E11	29-5	0845	12815	Mon	715/00	USB	(Subilo)
E11	29-5	0900	9052	Mon	535/00	USB	(Subilo)
E11	29-5	1045	12089	Mon	690/00	USB	(Subilo)
E11	29-5	1300	5737	Mon	315/00	USB	(Subilo)
E11	29-5	1745	14410	Mon	242/00	USB	(AB/MPJ)
E11	29-5	1745	14410	Mon	242/00	USB	(Subilo)
E11	29-5	1900	7600	Mon	646/00	USB	(AB/MPJ)
E11	29-5	1900	7600	Mon	646/00	USB	(Subilo)
E11	30-5	0700	8680	Tue	570/00	USB	(PY)
E11	30-5	0745	14940	Tue	228/00	USB	(PY)
E11	30-5	0810	17378	Tue	136/00	USB	(EL)
E11	30-5	1000	12153	Tue	300/00	USB	(qsr711)
E11	30-5	1000	12153	Tue	300/00	USB	(qsr711)
E11	30-5	1000	12153	Tue	300/00	USB	(qsr711)
E11	30-5	1205	6304	Tue	463/00	USB	(PY)
E11	30-5	1430	12984	Tue	919/00	USB	(MPJ)
E11	30-5	1605	5231	Tue	231/00	USB	(Subilo)

E11	30-5	1645	14575	Tue	332/00		USB	(Subilo)
E11	31-5	0745	15720	Wed	344/00		USB	(PY)
E11	31-5	0845	12815	Wed	710/00		USB	(PY)
E11	31-5	0900	9052	Wed	535/00		USB	(PY)
E11	31-5	0930	6923	Wed	270/00		USB	(PY)
E11	31-5	1045	12089	Wed	694/00		USB	(MPJ)
E11	31-5	1045	12089	Wed	694/00		USB	(PY)
E11	31-5	1205	6304	Wed	463/00		USB	(MPJ-HOL)
E11	31-5	1205	6304	Wed	463/00		USB	(PY)
E11	31-5	1910	4783	Wed	396/00		USB	(AB)
E11	31-5	1910	4783	Wed	396/00		USB	(PY)
E11a	1-5	0845	12815	Mon	715/34 Attention 21449 09000 69511 ... 66885 93731 50796 Attention msg rptd)	Out	USB	(AB/HFD)
E11a	2-5	0645	8091	Tue	514/30 Attention 62840 67992 56525 ... 23564 85499 39846 Attention msg rptd)	Out	USB	(AB/HFD)
E11a	2-5	0700	8680	Tue	579/31 Attention 34510 28706 37092 ... 90279 34142 81445 Attention msg rptd)	Out	USB	(AB/HFD)
E11a	2-5	0715	10429	Tue	636/36 Attention 54429 97308 35057 ... 59039 34798 39594 Attention msg rptd)	Out	USB	(AB/HFD)
E11a	2-5	1000	12153	Tue	306/30 Attention 85129 50290 22054 ... 12948 66760 50849 Attention msg rptd)	Out	USB	(AB)
E11a	2-5	1430	12984	Tue	914/35 Attention 26422 88750 25531 ... 36789 18805 50874 Attention msg rptd)	Out	USB	(AB/MPJ)
E11a	3-5	0745	15720	Wed	344/33 Attention 83891 ...		USB	(HFD)
E11a	3-5	0845	12815	Wed	715/34 Attention 21449 09000 69511 ... 66885 93731 50796 Attention msg rptd)	Out	USB	(AB)
E11a	4-5	0645	8091	Thu	514/30 Attention 62840 67992 56525 ... 23564 85499 39846 Attention msg rptd)	Out	USB	(AB)
E11a	4-5	0845	19184	Thu	156/30 Attention 80912 23449 28038 ... 94193 67010 39918 Attention msg rptd)	Out	USB	(AB-POL/MPJ)
E11a	5-5	0600	9150	Fri	354/32 Attention 58534 37512 89601 ... 79113 55569 53816 Attention msg rptd)	Out	USB	(AB)
E11a	5-5	0700	8680	Fri	579/31 Attention 34510 28706 37092 ... 90279 34142 81445 Attention msg rptd)	Out	USB	(AB)
E11a	5-5	0715	10429	Fri	636/36 Attention 54429 97308 35057 ... 59039 34798 39594 Attention msg rptd)	Out	USB	(AB)
E11a	5-5	0745	15720	Fri	Message, too weak to copy		USB	(AB)
E11a	5-5	1000	12153	Fri	306/30 Attention 85129 50290 22054 ... 12948 66760 50849 Attention msg rptd)	Out	USB	(AB)
E11a	5-5	1815	12229	Fri	927/34 Attention 24652 22547 27873 ... 76405 77549 12802 Attention msg rptd)	Out	USB	(AB)
E11a	6-5	1430	12984	Sat	914/35 Attention 26422 88750 25531 ... 36789 18805 50874 Attention msg rptd)	Out	USB	(AB)
E11a	7-5	0600	9150	Sun	354/32 Attention 58534 37512 89601 ... 79113 55569 53816 Attention msg rptd)	Out	USB	(AB)
E11a	7-5	1815	12229	Sun	927/34 Attention 24652 22547 27873 ... 76405 77549 12802 Attention msg rptd)	Out	USB	(AB/MPJ)
E11a	8-5	0830	16335	Mon	184/22 Attention 38155 85629 04680 ... 12188 20587 66545 Attention msg rptd)	Out	USB	(AB)
E11a	9-5	1205	6304	Tue	466/39 Attention 39712 56125 84204 ... 28395 00641 50395 Attention msg rptd)	Out	USB	(AB-POL)
E11a	10-5	1205	6304	Wed	466/39 Attention 39712 56125 84204 ... 28395 00641 50395 Attention msg rptd)	Out	USB	(AB-POL)
E11a	10-5	1715	7863	Wed	977/36 Attention 30339 79254 69198 ... 23133 47473 28934 Attention msg rptd)	Out	USB	(AB/MPJ)
E11a	11-5	2000	5409	Thu	521/36 Attention 38841 86743 86085 ... 68333 20265 79606 Attention msg rptd)	Out	USB	(AB-POL)
E11a	12-5	0830	16335	Fri	184/22 Attention 38155 85629 04680 ... 12188 20587 66545 Attention msg rptd)	Out	USB	(AB)
E11a	12-5	1715	7863	Fri	977/36 Attention 30339 79254 69198 ... 23133 47473 28934 Attention msg rptd)	Out	USB	(AB)
E11a	13-5	0700	7377	Sat	492/38 Attention 68206 70341 97004 ... 46075 90508 00731 Attention msg rptd)	Out	USB	(AB)
E11a	14-5	0700	7377	Sun	492/38 Attention 68206 70341 97004 ... 46075 90508 00731 Attention msg rptd)	Out	USB	(AB)
E11a	14-5	1910	9610	Sun	617/32 Attention		USB	(AB)
E11a	14-5	2000	5409	Sun	521/36 Attention 38841 86743 86085 ... 68333 20265 79606 Attention msg rptd)	Out	USB	(AB-POL)
E11a	15-5	0450	7469	Mon	411/31 Attention 02835 39577 66353 ... 49258 93198 23472 Attention msg rptd)	Out	USB	(AB)

E11a	15-5	0745	9610	Mon	269/38 Attention 86111 40510 00929 ... 61078 97575 29839 Attention msg rptd) Out	USB	(AB)
E11a	15-5	0900	9052	Mon	533/31 Attention 58131 13372 97257 ... 04844 09082 58914 Attention msg rptd) Out	USB	(AB)
E11a	15-5	1045	12089	Mon	690/40 Attention 12576 72982 15621 ... 27799 81183 87103 Attention msg rptd) Out	USB	(AB)
E11a	15-5	1300	5737	Mon	312/35 Attention 94437 47018 07645 ... 16332 64363 72824 Attention msg rptd) Out	USB	(AB-POL)
E11a	15-5	1745	14410	Mon	245/36 Attention 44832 86325 70055 ... 73905 49429 64529 Attention msg rptd) Out	USB	(AB)
E11a	16-5	0745	14940	Tue	224/33 Attention 42793 83232 60609 ... 92649 92578 48714 Attention msg rptd) Out	USB	(AB)
E11a	16-5	0820	17378	Tue	131/34 Attention 30039 25057 03399 ... 41701 38304 56797 Attention msg rptd) Out	USB	(AB-POL)
E11a	17-5	0820	17378	Wed	131/34 Attention 30039 25057 03399 ... 41701 38304 56797 Attention msg rptd) Out	USB	(AB)
E11a	17-5	0900	9052	Wed	533/31 Attention 58131 13372 97257 ... 04844 09082 58914 Attention msg rptd) Out	USB	(AB)
E11a	17-5	1045	12089	Wed	690/40 Attention 12576 72982 15621 ... 27799 81183 87103 Attention msg rptd) Out	USB	(AB)
E11a	17-5	1910	4783	Wed	395/38 Attention 07739 73798 29280 ... 78537 36202 52098 Attention msg rptd) Out	USB	(AB)
E11a	18-5	0745	14940	Thu	224/33 Attention 42793 83232 60609 ... 92649 92578 48714 Attention msg rptd) Out	USB	(AB-POL)
E11a	18-5	1300	5737	Thu	312/35 Attention 94437 47018 07645 ... 16332 64363 72824 Attention msg rptd) Out	USB	(AB-POL/MPJ)
E11a	18-5	1530	10356	Thu	269/38 Attention 86111 40510 00929 ... 61078 97575 29839 Attention msg rptd) Out	USB	(AB/MPJ)
E11a	18-5	1730	8088	Thu	411/31 Attention 02835 39577 66353 ... 49258 93198 23472 Attention msg rptd) Out	USB	(AB)
E11a	20-5	1530	5082	Sat	360/30 Attention 50937 ...	USB	(PY)
E11a	20-5	1910	4783	Sat	395/38 Attention 07739 73798 29280 ... 78537 36202 52098 Attention msg rptd) Out	USB	(PY)
E11a	21-5	1530	5082	Sun	360/30 Attention 50937 ...	USB	(PY)
E11a	21-5	1745	14410	Sun	245/36 Attention 44832 86325 ...	USB	(MPJ)
E11a	21-5	1745	14410	Sun	245/36 Attention 44832...	USB	(PY)
E11a	22-5	1900	7600	Mon	648/33 Attention ..	USB	(Subilo)
E11a	23-5	1645	14575	Tue	331/39 Attention 58093 61933 35883 ... 95657 08751 74318 out	USB	(MPJ)
E11a	23-5	1645	14575	Tue	331/39 Attention ...	USB	(Subilo)
E11a	24-5	0930	6923	Wed	729/39 Attention 93563...	USB	(PY)
E11a	25-5	0930	6923	Thu	279/39 Attention ...	USB	(PY)
E11a	25-5	1645	14575	Thu	331/39 Attention 58093 61933 35883 ... 95657 08751 74318 out	USB	(MPJ)
E11a	25-5	1645	14575	Thu	331/39 Attention ...	USB	(PY)
E11a	25-5	1900	7600	Thu	648/33 Attention ...	USB	(Subilo/Itayki)
E11a	28-5	1605	5231	Sun	238/38 Attention 76296 89239 16870 ... 62826 01984 56899 out	USB	(MPJ-HOL/Subilo)
E11a	29-5	0315	14972	Mon	253/33 Attention ...	USB	(Subilo)
E11a	29-5	0715	18030	Mon	750/39 Attention ...	USB	(Subilo)
E11a	31-5	0315	14972	Wed	253/33 Attention ...	USB	(Subilo)
E11a	31-5	0715	18030	Wed	750/39 Attention ...	USB	(PY)
EGY	2-5	1703	15990	Tue	99910: MFA Cairo wkg 66601: Egyptian embassy Washington	CODAN-3012	(AB)
EGY	25-5	1152	21855	Thu	MFA Cairo clg Egyptian embassy Washington DC, before switching to SITOR-A	CODAN-9001	(DW-MD)
EGY	25-5	1152	21856.7	Thu	MFA Cairo sending an Urgent 504-group 5F/hexadecimal message to the Egyptian embassy Washington	SITOR-A 100/170	(DW-MD)
EGY	27-5	1452	20016.7	Sat	71: MFA Cairo, 5 letters groups to Egyptian embassy Washington	SITOR-A 100/170	(F1GOC)
F01	1-5	1015	11414	Mon	Russian diplo/intel. 01220 13248 38412 ... 75679 36063 60425 00000 +++++ +++++	FSK 200/500	(AB/MPJ/HFD)
F01	1-5	1025	9317	Mon	Russian diplo/intel. 01220 13248 38412 ... 75679 36063 60425 00000 +++++ +++++	FSK 200/500	(AB-RUS/MPJ/HFD)
F01	1-5	1035	7572	Mon	Russian diplo/intel. 01220 13248 38412 ... 75679 36063 60425 00000 +++++ +++++	FSK 200/500	(AB-RUS/MPJ/HFD)
F01	2-5	1015	11414	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)

F01	2-5	1025	9317	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	2-5	1035	7572	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	3-5	1840	14363	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	3-5	1850	12189	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	3-5	1900	10346	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	4-5	1015	11414	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-POL)
F01	4-5	1025	9317	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-BLR)
F01	4-5	1035	7572	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-BLR)
F01	5-5	1015	11414	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	5-5	1025	9317	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	5-5	1035	7572	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	8-5	1015	11414	Mon	Russian diplo/intel. 25869 13248 38412 ... 75679 36063 66425 00000 +++++ +++++	FSK 200/500	(AB-ROU)
F01	8-5	1025	9317	Mon	Russian diplo/intel. 25869 13248 38412 ... 75679 36063 66425 00000 +++++ +++++	FSK 200/500	(AB-ROU)
F01	8-5	1035	7572	Mon	Russian diplo/intel. 25869 13248 38412 ... 75679 36063 66425 00000 +++++ +++++	FSK 200/500	(AB-ROU)
F01	9-5	1015	11414	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-POL)
F01	9-5	1025	9317	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-POL)
F01	9-5	1035	7572	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-POL)
F01	10-5	0540	17420	Wed	Russia diplo/intel. 14665 73139 35050 ... 27567 85249 9127900000 +++++	FSK 200/1000	(Pof)
F01	10-5	0550	17420	Wed	Russia diplo/intel. 14665 73139 35050 ... 27567 85249 9127900000 +++++ Repeat of 0540z, cut off mid-message after 3m40s	FSK 200/1000	(Pof)
F01	10-5	1015	11414	Wed	Russian diplo/intel. 89280 17874 93489 ... 16534 53063 69435 00000 +++++	FSK 200/500	(AB-POL)
F01	10-5	1025	9317	Wed	Russian diplo/intel. 89280 17874 93489 ... 16534 53063 69435 00000 +++++	FSK 200/500	(AB-FIN)
F01	10-5	1035	7572	Wed	Russian diplo/intel. 89280 17874 93489 ... 16534 53063 69435 00000 +++++	FSK 200/500	(AB-FIN)
F01	11-5	1015	11414	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11-5	1025	9317	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11-5	1035	7572	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	12-5	1015	11414	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	12-5	1025	9317	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	12-5	1035	7572	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	15-5	1015	11414	Mon	Russian diplo/intel. 40581 88124 64994 ... 09453 43823 72413 00000 +++++ +++++	FSK 200/500	(AB)
F01	15-5	1025	9317	Mon	Russian diplo/intel. 40581 88124 64994 ... 09453 43823 72413 00000 +++++ +++++	FSK 200/500	(AB-ROU)
F01	15-5	1035	7572	Mon	Russian diplo/intel. 40581 88124 64994 ... 09453 43823 72413 00000 +++++ +++++	FSK 200/500	(AB-ROU)
F01	16-5	1015	11414	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-POL)
F01	16-5	1025	9317	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-POL)
F01	16-5	1035	7572	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-POL)
F01	17-5	1015	11414	Wed	Russian diplo/intel. 58586 68752 41599 ... 10070 58052 75421 00000 +++++ +++++ +++++	FSK 200/500	(AB-POL)
F01	17-5	1025	9317	Wed	Russian diplo/intel. 58586 68752 41599 ... 10070 58052 75421 00000 +++++ +++++ +++++	FSK 200/500	(AB-POL)
F01	17-5	1035	7572	Wed	Russian diplo/intel. 58586 68752 41599 ... 10070 58052 75421 00000 +++++ +++++ +++++	FSK 200/500	(AB-POL)
F01	18-5	1015	11414	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-FIN)
F01	18-5	1025	9317	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-FIN)
F01	18-5	1035	7572	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-POL)
F01	19-5	1015	11414	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)

F01	19-5	1025	9317	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	19-5	1035	7572	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	22-5	1015	11414	Mon	Russian diplo/intel. 96119 39992 66834 ... 91538 65749 78427 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	22-5	1025	9317	Mon	Russian diplo/intel. 96119 39992 66834 ... 91538 65749 78427 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	22-5	1035	7572	Mon	Russian diplo/intel. 96119 39992 66834 ... 91538 65749 78427 00000 +++++ +++++ +++++	FSK 200/500	(PY)
F01	23-5	1015	11414	Tue	Russian diplo/intel. 76935 56427 78462 ... 63150 45021 80073 00000 +++++ +++++	FSK 200/500	(qsr711/PY)
F01	23-5	1035	7572	Tue	Russian diplo/intel. 76935 56427 78462 ... 63150 45021 80073 00000 +++++ +++++	FSK 200/500	(qsr711/PY)
F01	24-5	1025	9317	Wed	Russian diplo/intel. 57602 13344 36073 ... 3858536174 81401 00000 +++++ +++++	FSK 200/500	(PY)
F01	24-5	1035	7572	Wed	Russian diplo/intel. 57602 13344 36073 ... 3858536174 81401 00000 +++++ +++++	FSK 200/500	(PY)
F01	25-5	1015	11414	Thu	Russian diplo/intel. 67724 77427 00983 ... 20808 48014 83077 00000 +++++	FSK 200/500	(PY)
F01	26-5	1015	11414	Fri	Russian diplo/intel. 00000 +++++ +++++	FSK 200/500	(PY)
F01	26-5	1025	9315	Fri	Russian diplo/intel. 00000 +++++ +++++	FSK 200/500	(PY)
F01	29-5	1015	11414	Mon	Russian diplo/intel. 65096 29309 35875 ... 1708759557 84431 00000 +++++ +++++	FSK 200/5000	(PY)
F01	29-5	1025	9317	Mon	Russian diplo/intel. 65096 29309 35875 ... 1708759557 84431 00000 +++++ +++++	FSK 200/5000	(PY)
F01	29-5	1035	7572	Mon	Russian diplo/intel. 65096 29309 35875 ... 1708759557 84431 00000 +++++ +++++	FSK 200/5000	(PY)
F01	30-5	0100	17532	Tue	Russian diplo/intel.	FSK 200/500	(AVX)
F01	30-5	1015	11414	Tue	Russian diplo/intel. 94514 14800 67743 ... 86264 38773 86073 00000 +++++ +++++	FSK 200/5000	(qsr711/PY)
F01	30-5	1025	9317	Tue	Russian diplo/intel. 94514 14800 67743 ... 86264 38773 86073 00000 +++++ +++++	FSK 200/5000	(qsr711/PY)
F01	30-5	1035	7572	Tue	Russian diplo/intel. 94514 14800 67743 ... 86264 38773 86073 00000 +++++ +++++	FSK 200/5000	(qsr711/PY)
F01	31-5	1015	11414	Wed	Russian diplo/intel. 76887 84721 39372 ... 59746 44170 87435 00000 +++++	FSK 200/5000	(PY)
F01	31-5	1035	7572	Wed	Russian diplo/intel. 76887 84721 39372 ... 59746 44170 87435 00000 +++++	FSK 200/5000	(PY)
F02	2-5	0830	14918	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	12-5	0830	14918	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	16-5	0700	16107	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	16-5	0830	14918	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	19-5	0830	14918	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F03	2-5	0635	14865	Tue	Polish intel.	FSK	(AB)
F03	2-5	0640	14865	Tue	Polish intel.	FSK	(AB)
F03	4-5	0635	14865	Thu	Polish intel.	FSK	(AB)
F03	4-5	0640	14865	Thu	Polish intel.	FSK	(AB)
F03	9-5	0635	14865	Tue	Polish intel.	FSK	(AB)
F03	9-5	0640	14865	Tue	Polish intel.	FSK	(AB)
F03	11-5	0635	14865	Thu	Polish intel.	FSK	(AB)
F03	11-5	0640	14865	Thu	Polish intel.	FSK	(AB)
F03	16-5	0635	14865	Tue	Polish intel.	FSK	(AB)
F03	16-5	0640	14865	Tue	Polish intel.	FSK	(AB)
F03	18-5	0635	14865	Thu	Polish intel.	FSK	(AB)
F03	18-5	0640	14865	Thu	Polish intel.	FSK	(AB)
F03j	1-5	0615	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-5	0620	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-5	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-5	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	1-5	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-5	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-5	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-5	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-5	1030	12067	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-5	1035	12067	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-5	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-5	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-5	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-5	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-5	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-5	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-5	1100	6433	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	2-5	1105	6433	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	2-5	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	2-5	1505	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	2-5	1800	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	2-5	1805	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	3-5	0615	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-5	0620	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-5	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-5	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-5	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	3-5	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	3-5	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-5	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-5	1030	12067	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	3-5	1035	12067	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	4-5	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-5	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-5	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-5	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-5	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-5	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-5	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/MPJ)
F03j	4-5	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/MPJ)
F03j	4-5	1800	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	4-5	1805	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	5-5	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-5	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-5	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-5	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	5-5	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-5	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-5	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-5	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-5	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	5-5	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	8-5	0615	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-5	0620	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-5	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-5	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-5	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-5	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-5	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-5	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-5	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-5	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-5	1030	12067	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-5	1035	12067	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	1100	6433	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/MPJ-AUT)
F03j	9-5	1105	6433	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/MPJ-AUT)
F03j	9-5	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	1505	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-5	1800	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	9-5	1805	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	10-5	0615	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-5	0620	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-5	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10-5	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10-5	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10-5	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10-5	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-5	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	11-5	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-5	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-5	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-5	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-5	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-5	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-5	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-5	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-5	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	11-5	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	11-5	1800	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-5	1805	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-5	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-5	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-5	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-5	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-5	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-5	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-5	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-5	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-5	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	12-5	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	15-5	0615	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-5	0620	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-5	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-5	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-5	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-5	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-5	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-5	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-5	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-5	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-5	1030	12067	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-5	1035	12067	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	16-5	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-5	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-5	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	1100	6433	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/MPJ)
F03j	16-5	1105	6433	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL/MPJ)
F03j	16-5	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	1505	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	1800	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-5	1805	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-5	0615	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-5	0620	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-5	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17-5	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17-5	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17-5	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17-5	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-5	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-5	1030	12067	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-5	1035	12067	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-5	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-5	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-5	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-5	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-5	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-5	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-5	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-5	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-5	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18-5	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18-5	1800	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-5	1805	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-5	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-5	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-5	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-5	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-5	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19-5	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	19-5	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-5	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-5	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-5	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	22-5	0615	17410	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	22-5	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	23-5	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	23-5	1800	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	23-5	1805	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	24-5	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	25-5	1800	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	25-5	1805	12385	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	26-5	1500	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(MPJ/PY)
F03j	26-5	1505	9950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(MPJ)
F03j	29-5	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	29-5	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(Subilo)
F03j	29-5	1035	12067	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	30-5	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	30-5	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	30-5	1500	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(MPJ/PY)
F03j	30-5	1505	9950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(MPJ)
F03j	30-5	1800	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	30-5	1805	12385	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	31-5	0615	17410	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	31-5	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	31-5	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03j	31-5	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
F03I	1-5	0950	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	1-5	0955	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	1-5	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	1-5	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	3-5	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-5	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-5	0950	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-5	0955	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-5	1100	6433	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	3-5	1105	6433	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	4-5	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-5	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-5	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	4-5	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	5-5	0800	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	5-5	0805	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	8-5	0950	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-5	0955	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-5	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	8-5	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-5	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-5	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-5	0950	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-5	0955	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-5	1100	6433	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-5	1105	6433	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-5	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-5	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-5	0800	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	11-5	0805	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	11-5	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-5	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12-5	0800	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	12-5	0805	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	15-5	0950	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-5	0955	9079	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-5	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-5	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-5	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-5	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-5	0950	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-5	0955	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-5	1100	6433	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-5	1105	6433	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-5	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-5	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-5	0800	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	18-5	0805	5194	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	18-5	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	18-5	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	19-5	0800	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	19-5	0805	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	24-5	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
F03I	24-5	0950	9079	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
F03I	24-5	1100	6433	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
F03I	25-5	0635	14865	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
F03I	25-5	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-5	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	26-5	0800	5194	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(PY)
F03I	29-5	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ/LuCa)
F03I	29-5	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)

F03I	30-5	0635	14865	Tue	Polish intel.		FSK-2 100Bd/200Hz/448bp	(PY)
F03I	31-5	1100	6433	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(MPJ-AUT)
F03I	31-5	1105	6433	Wed	Polish intel.		FSK-2 100Bd/200Hz/448bp	(MPJ-AUT)
F06	1-5	0400	12219	Mon	Russian diplo/intel. 11166 70059 63261 01034 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	1-5	0410	10448	Mon	Russian diplo/intel. 11166 70059 63261 01034 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	1-5	0420	8139	Mon	Russian diplo/intel. 11166 70059 63261 01034 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	1-5	0700	11163	Mon	Russian diplo/intel. 11166 70202 21584 28091 02079		FSK 200/1000	(AB)
F06	1-5	0710	9271	Mon	Russian diplo/intel. 11166 70202 21584 28091 02079		FSK 200/1000	(AB-RUS)
F06	1-5	0720	7532	Mon	Russian diplo/intel. 11166 70202 21584 28091 02079		FSK 200/1000	(AB-RUS)
F06	1-5	1200	10523	Mon	Russian diplo/intel. 11166 70202 21584 28091 02079		FSK 200/1000	(AB)
F06	1-5	1210	8129	Mon	Russian diplo/intel. 11166 70202 21584 28091 02079		FSK 200/1000	(AB-RUS)
F06	1-5	1220	6947	Mon	Russian diplo/intel. 11166 70202 21584 28091 02079		FSK 200/1000	(AB-RUS)
F06	2-5	0700	11163	Tue	Russian diplo/intel. 11166 70202 13426 28092 02239 and 11166 70202 68943 28093 01839		FSK 200/1000	(AB)
F06	2-5	0710	9271	Tue	Russian diplo/intel. 11166 70202 13426 28092 02239 and 11166 70202 68943 28093 01839		FSK 200/1000	(AB-RUS)
F06	2-5	0720	7532	Tue	Russian diplo/intel. 11166 70202 13426 28092 02239 and 11166 70202 68943 28093 01839		FSK 200/1000	(AB-RUS)
F06	2-5	1200	10523	Tue	Russian diplo/intel. 11166 70202 13426 28092 02239 and 11166 70202 68943 28093 01839		FSK 200/1000	(AB)
F06	2-5	1210	8129	Tue	Russian diplo/intel. 11166 70202 13426 28092 02239 and 11166 70202 68943 28093 01839		FSK 200/1000	(AB-RUS)
F06	2-5	1220	6947	Tue	Russian diplo/intel. 11166 70202 13426 28092 02239 and 11166 70202 68943 28093 01839		FSK 200/1000	(AB-RUS)
F06	2-5	1650	22893	Tue	Russian diplo/intel. 11166 10053 78541 02001 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	2-5	1700	17455	Tue	Russian diplo/intel. 11166 10053 78541 02001 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	2-5	1710	15651	Tue	Russian diplo/intel. 11166 10053 78541 02001 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	3-5	0600	17420	Wed	Russian diplo/intel. 11166 40122 56349 29052 03269		FSK 200/1000	(AB-J)
F06	3-5	0610	15673	Wed	Russian diplo/intel. 11166 40122 56349 29052 03269		FSK 200/1000	(AB-J)
F06	3-5	0620	13361	Wed	Russian diplo/intel. 11166 40122 56349 29052 03269		FSK 200/1000	(AB-J)
F06	3-5	0700	11163	Wed	Russian diplo/intel. 11166 70202 65274 02094 02219		FSK 200/1000	(AB)
F06	3-5	0710	9271	Wed	Russian diplo/intel. 11166 70202 65274 02094 02219		FSK 200/1000	(AB-RUS)
F06	3-5	0720	7532	Wed	Russian diplo/intel. 11166 70202 65274 02094 02219		FSK 200/1000	(AB-RUS)
F06	3-5	1200	10523	Wed	Russian diplo/intel. 11166 70202 65274 02094 02219		FSK 200/1000	(AB/MPJ)
F06	3-5	1210	8129	Wed	Russian diplo/intel. 11166 70202 65274 02094 02219		FSK 200/1000	(AB-RUS/MPJ)
F06	3-5	1220	6947	Wed	Russian diplo/intel. 11166 70202 65274 02094 02219		FSK 200/1000	(AB-RUS/MPJ)
F06	4-5	0600	17420	Thu	Russian diplo/intel. 11166 40122 56349 29052 03269		FSK 200/1000	(AB-J)
F06	4-5	0610	15673	Thu	Russian diplo/intel. 11166 40122 56349 29052 03269		FSK 200/1000	(AB-J)
F06	4-5	0620	13361	Thu	Russian diplo/intel. 11166 40122 56349 29052 03269		FSK 200/1000	(AB-J)
F06	4-5	0700	11163	Thu	Russian diplo/intel. 11166 70202 54817 03095 02199 and 11166 70202 45817 03096 01879		FSK 200/1000	(AB)
F06	4-5	0710	9271	Thu	Russian diplo/intel. 11166 70202 54817 03095 02199 and 11166 70202 45817 03096 01879		FSK 200/1000	(AB)
F06	4-5	0720	7532	Thu	Russian diplo/intel. 11166 70202 54817 03095 02199 and 11166 70202 45817 03096 01879		FSK 200/1000	(AB)
F06	4-5	1200	10523	Thu	Russian diplo/intel. 11166 70202 54817 03095 02199 and 11166 70202 45817 03096 01879		FSK 200/1000	(AB/MPJ)
F06	4-5	1210	8129	Thu	Russian diplo/intel. 11166 70202 54817 03095 02199 and 11166 70202 45817 03096 01879		FSK 200/1000	(AB-RUS)
F06	4-5	1220	6947	Thu	Russian diplo/intel. 11166 70202 54817 03095 02199 and 11166 70202 45817 03096 01879		FSK 200/1000	(AB-RUS)
F06	5-5	0700	11163	Fri	Russian diplo/intel. 11166 70202 74983 05013 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	5-5	0710	9271	Fri	Russian diplo/intel. 11166 70202 74983 05013 00049 00000 00000 00000 00000		FSK 200/1000	(AB-RUS)
F06	5-5	0720	7532	Fri	Russian diplo/intel. 11166 70202 74983 05013 00049 00000 00000 00000 00000		FSK 200/1000	(AB-RUS)

F06	6-5	1400	12211	Sat	Russian diplo/intel. 11100 00000 89351 05075 01619	FSK 200/1000	(AB/MPJ)
F06	6-5	1410	10576	Sat	Russian diplo/intel. 11100 00000 89351 05075 01619	FSK 200/1000	(AB/MPJ)
F06	6-5	1420	8075	Sat	Russian diplo/intel. 11100 00000 89351 05075 01619	FSK 200/1000	(AB/MPJ)
F06	7-5	1030	13396	Sun	Russian diplo/intel. 11100 00000 89351 05075 01619	FSK 200/1000	(AB)
F06	7-5	1040	11123	Sun	Russian diplo/intel. 11100 00000 89351 05075 01619	FSK 200/1000	(AB)
F06	7-5	1050	9089	Sun	Russian diplo/intel. 11100 00000 89351 05075 01619	FSK 200/1000	(AB)
F06	7-5	1530	23129	Sun	Russian diplo/intel. 11166 10053 98765 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	7-5	1540	18763	Sun	Russian diplo/intel. 11166 10053 98765 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-5	1550	16255	Sun	Russian diplo/intel. 11166 10053 98765 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-5	0700	11163	Mon	Russian diplo/intel. 11166 70202 21584 05097 02079	FSK 200/1000	(AB)
F06	8-5	0710	9271	Mon	Russian diplo/intel. 11166 70202 21584 05097 02079	FSK 200/1000	(AB-RUS)
F06	8-5	0720	7532	Mon	Russian diplo/intel. 11166 70202 21584 05097 02079	FSK 200/1000	(AB-RUS)
F06	8-5	1200	10523	Mon	Russian diplo/intel. 11166 70202 21584 05097 02079	FSK 200/1000	(AB)
F06	8-5	1210	8129	Mon	Russian diplo/intel. 11166 70202 21584 05097 02079	FSK 200/1000	(AB-RUS)
F06	8-5	1220	6947	Mon	Russian diplo/intel. 11166 70202 21584 05097 02079	FSK 200/1000	(AB-RUS)
F06	9-5	0030	14373	Tue	Russian diplo/intel. 11166 60070 85391 09001 00049 00000 00000 00000 00000	FSK 600/1000	(AB)
F06	9-5	0040	11411	Tue	Russian diplo/intel. 11166 60070 85391 09001 00049 00000 00000 00000 00000	FSK 600/1000	(AB)
F06	9-5	0050	9965	Tue	Russian diplo/intel. 11166 60070 85391 09001 00049 00000 00000 00000 00000	FSK 600/1000	(AB)
F06	9-5	0700	11163	Tue	Russian diplo/intel. 11166 70202 35147 05098 02179 and 11166 70202 54936 05099 01739	FSK 200/1000	(AB)
F06	9-5	0710	9271	Tue	Russian diplo/intel. 11166 70202 35147 05098 02179 and 11166 70202 54936 05099 01739	FSK 200/1000	(AB-RUS)
F06	9-5	0720	7532	Tue	Russian diplo/intel. 11166 70202 35147 05098 02179 and 11166 70202 54936 05099 01739	FSK 200/1000	(AB-RUS)
F06	9-5	1200	10523	Tue	Russian diplo/intel. 11166 70202 35147 05098 02179 and 11166 70202 54936 05099 01739	FSK 200/1000	(AB)
F06	9-5	1210	8129	Tue	Russian diplo/intel. 11166 70202 35147 05098 02179 and 11166 70202 54936 05099 01739	FSK 200/1000	(AB-POL)
F06	9-5	1220	6947	Tue	Russian diplo/intel. 11166 70202 35147 05098 02179 and 11166 70202 54936 05099 01739	FSK 200/1000	(AB-POL)
F06	9-5	1230	20888	Tue	Russian diplo/intel. 11166 30154 76413 09079 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	9-5	1240	17437	Tue	Russian diplo/intel. 11166 30154 76413 09079 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	9-5	1650	22893	Tue	Russian diplo/intel. 11166 10053 72915 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-5	1700	17455	Tue	Russian diplo/intel. 11166 10053 72915 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-5	1710	15651	Tue	Russian diplo/intel. 11166 10053 72915 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-5	0600	17420	Wed	Russian diplo/intel. 11166 40122 85412 06053 03029 and 11166 40122 85412 06053 03029	FSK 200/1000	(AB-J/PY)
F06	10-5	0610	15673	Wed	Russian diplo/intel. 11166 40122 85412 06053 03029 and 11166 40122 85412 06053 03029	FSK 200/1000	(AB-J)
F06	10-5	0620	13361	Wed	Russian diplo/intel. 11166 40122 85412 06053 03029 and 11166 40122 85412 06053 03029	FSK 200/1000	(AB-J)
F06	10-5	0700	11163	Wed	Russian diplo/intel. 11166 70202 92647 05001 02659	FSK 200/1000	(AB)
F06	10-5	0710	9271	Wed	Russian diplo/intel. 11166 70202 92647 05001 02659	FSK 200/1000	(AB-RUS)
F06	10-5	0720	7532	Wed	Russian diplo/intel. 11166 70202 92647 05001 02659	FSK 200/1000	(AB-RUS)
F06	10-5	0915	20627	Wed	Russian diplo/intel. 11166 40023 45789 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-5	0930	16168	Wed	Russian diplo/intel. 11166 40023 45789 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-5	0945	14984	Wed	Russian diplo/intel. 11166 40023 45789 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-5	1200	10523	Wed	Russian diplo/intel. 11166 70202 92647 05001 02659	FSK 200/1000	(AB)
F06	10-5	1210	8129	Wed	Russian diplo/intel. 11166 70202 92647 05001 02659	FSK 200/1000	(AB-RUS)
F06	10-5	1220	6947	Wed	Russian diplo/intel. 11166 70202 92647 05001 02659	FSK 200/1000	(AB-RUS)
F06	11-5	0600	17420	Thu	Russian diplo/intel. 11166 40122 85412 06053 03029 and 11166 40122 85412 06053 03029	FSK 200/1000	(AB-J)

F06	11-5	0610	15673	Thu	Russian diplo/intel. 11166 40122 85412 06053 03029 and 11166 40122 85412 06053 03029	FSK 200/1000	(AB-J)
F06	11-5	0620	13361	Thu	Russian diplo/intel. 11166 40122 85412 06053 03029 and 11166 40122 85412 06053 03029	FSK 200/1000	(AB-J)
F06	11-5	0700	11163	Thu	Russian diplo/intel. 11166 70202 13258 10002 02139 and 11166 70202 85421 10003 01999	FSK 200/1000	(AB)
F06	11-5	0710	9271	Thu	Russian diplo/intel. 11166 70202 13258 10002 02139 and 11166 70202 85421 10003 01999	FSK 200/1000	(AB)
F06	11-5	0720	7532	Thu	Russian diplo/intel. 11166 70202 13258 10002 02139 and 11166 70202 85421 10003 01999	FSK 200/1000	(AB)
F06	11-5	1200	10523	Thu	Russian diplo/intel. 11166 70202 13258 10002 02139 and 11166 70202 85421 10003 01999	FSK 200/1000	(AB)
F06	11-5	1210	8129	Thu	Russian diplo/intel. 11166 70202 13258 10002 02139 and 11166 70202 85421 10003 01999	FSK 200/1000	(AB-RUS)
F06	11-5	1220	6947	Thu	Russian diplo/intel. 11166 70202 13258 10002 02139 and 11166 70202 85421 10003 01999	FSK 200/1000	(AB-RUS)
F06	11-5	1330	18417	Thu	Russian diplo/intel. 11166 80214 12487 11047 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-5	1340	13975	Thu	Russian diplo/intel. 11166 80214 12487 11047 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-5	1350	11588	Thu	Russian diplo/intel. 11166 80214 12487 11047 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-5	0700	11163	Fri	Russian diplo/intel. 11166 70202 89524 12084 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12-5	0710	9271	Fri	Russian diplo/intel. 11166 70202 89524 12084 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	12-5	0720	7532	Fri	Russian diplo/intel. 11166 70202 89524 12084 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	13-5	1400	12211	Sat	Russian diplo/intel. 11100 00000 15683 12076 01579	FSK 200/1000	(AB)
F06	13-5	1410	10576	Sat	Russian diplo/intel. 11100 00000 15683 12076 01579	FSK 200/1000	(AB)
F06	13-5	1420	8075	Sat	Russian diplo/intel. 11100 00000 15683 12076 01579	FSK 200/1000	(AB)
F06	14-5	1030	13396	Sun	Russian diplo/intel. 11100 00000 15683 12076 01579	FSK 200/1000	(AB/MPJ)
F06	14-5	1040	11123	Sun	Russian diplo/intel. 11100 00000 15683 12076 01579	FSK 200/1000	(AB/MPJ)
F06	14-5	1050	9089	Sun	Russian diplo/intel. 11100 00000 15683 12076 01579	FSK 200/1000	(AB/MPJ)
F06	14-5	1530	23129	Sun	Russian diplo/intel. 11166 10053 79138 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	14-5	1540	18763	Sun	Russian diplo/intel. 11166 10053 79138 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14-5	1550	16255	Sun	Russian diplo/intel. 11166 10053 79138 14001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	15-5	0400	12219	Mon	Russian diplo/intel. 11166 70059 78541 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-5	0410	10448	Mon	Russian diplo/intel. 11166 70059 78541 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-5	0420	8139	Mon	Russian diplo/intel. 11166 70059 78541 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-5	0700	11163	Mon	Russian diplo/intel. 11166 70202 56287 12004 02459	FSK 200/1000	(AB)
F06	15-5	0710	9271	Mon	Russian diplo/intel. 11166 70202 56287 12004 02459	FSK 200/1000	(AB-RUS)
F06	15-5	0720	7532	Mon	Russian diplo/intel. 11166 70202 56287 12004 02459	FSK 200/1000	(AB-RUS)
F06	15-5	1200	10523	Mon	Russian diplo/intel. 11166 70202 56287 12004 02459	FSK 200/1000	(AB)
F06	15-5	1210	8129	Mon	Russian diplo/intel. 11166 70202 56287 12004 02459	FSK 200/1000	(AB-RUS)
F06	15-5	1220	6947	Mon	Russian diplo/intel. 11166 70202 56287 12004 02459	FSK 200/1000	(AB-RUS)
F06	16-5	0030	14373	Tue	Russian diplo/intel. 11166 60070 12345 16001 00049 00000 00000 00000 00000	FSK 600/1000	(AB)
F06	16-5	0040	11411	Tue	Russian diplo/intel. 11166 60070 12345 16001 00049 00000 00000 00000 00000	FSK 600/1000	(AB)
F06	16-5	0050	9965	Tue	Russian diplo/intel. 11166 60070 12345 16001 00049 00000 00000 00000 00000	FSK 600/1000	(AB)
F06	16-5	0700	11163	Tue	Russian diplo/intel. 11166 70202 97683 15005 02119 and 11166 70202 16752 15006 01779	FSK 200/1000	(AB)
F06	16-5	0710	9271	Tue	Russian diplo/intel. 11166 70202 97683 15005 02119 and 11166 70202 16752 15006 01779	FSK 200/1000	(AB-RUS)
F06	16-5	0720	7532	Tue	Russian diplo/intel. 11166 70202 97683 15005 02119 and 11166 70202 16752 15006 01779	FSK 200/1000	(AB-RUS)
F06	16-5	1200	10523	Tue	Russian diplo/intel. 11166 70202 97683 15005 02119 and 11166 70202 16752 15006 01779	FSK 200/1000	(AB/MPJ-FIN)
F06	16-5	1210	8129	Tue	Russian diplo/intel. 11166 70202 97683 15005 02119 and 11166 70202 16752 15006 01779	FSK 200/1000	(AB-POL/MPJ-FIN)
F06	16-5	1220	6947	Tue	Russian diplo/intel. 11166 70202 97683 15005 02119 and 11166 70202 16752 15006 01779	FSK 200/1000	(AB-POL/MPJ-FIN)
F06	16-5	1230	20888	Tue	Russian diplo/intel. 11166 30154 26845 16061 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J/MPJ-J)

F06	16-5	1240	17437	Tue	Russian diplo/intel. 11166 30154 26845 16061 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ-J)
F06	16-5	1250	15761	Tue	Russian diplo/intel. 11166 30154 26845 16061 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ-J)
F06	16-5	1650	22893	Tue	Russian diplo/intel. 11166 10053 62314 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	16-5	1700	17455	Tue	Russian diplo/intel. 11166 10053 62314 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	16-5	1710	15651	Tue	Russian diplo/intel. 11166 10053 62314 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-5	0600	17420	Wed	Russian diplo/intel. 11166 40122 15896 17028 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	17-5	0610	15673	Wed	Russian diplo/intel. 11166 40122 15896 17028 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	17-5	0620	13361	Wed	Russian diplo/intel. 11166 40122 15896 17028 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	17-5	0700	11163	Wed	Russian diplo/intel. 11166 70202 25841 16007 02179	FSK 200/1000	(AB)
F06	17-5	0710	9271	Wed	Russian diplo/intel. 11166 70202 25841 16007 02179	FSK 200/1000	(AB-RUS)
F06	17-5	0720	7532	Wed	Russian diplo/intel. 11166 70202 25841 16007 02179	FSK 200/1000	(AB-RUS)
F06	17-5	1200	10523	Wed	Russian diplo/intel. 11166 70202 25841 16007 02179	FSK 200/1000	(AB)
F06	17-5	1210	8129	Wed	Russian diplo/intel. 11166 70202 25841 16007 02179	FSK 200/1000	(AB-RUS)
F06	17-5	1220	6947	Wed	Russian diplo/intel. 11166 70202 25841 16007 02179	FSK 200/1000	(AB-RUS)
F06	18-5	0700	11163	Thu	Russian diplo/intel. 11166 70202 65284 17008 02219 and 11166 70202 45827 17009 01799	FSK 200/1000	(AB-FIN)
F06	18-5	0710	9271	Thu	Russian diplo/intel. 11166 70202 65284 17008 02219 and 11166 70202 45827 17009 01799	FSK 200/1000	(AB-FIN)
F06	18-5	0720	7532	Thu	Russian diplo/intel. 11166 70202 65284 17008 02219 and 11166 70202 45827 17009 01799	FSK 200/1000	(AB-FIN)
F06	18-5	1200	10523	Thu	Russian diplo/intel. 11166 70202 65284 17008 02219 and 11166 70202 45827 17009 01799	FSK 200/1000	(AB)
F06	18-5	1210	8129	Thu	Russian diplo/intel. 11166 70202 65284 17008 02219 and 11166 70202 45827 17009 01799	FSK 200/1000	(AB-RUS)
F06	18-5	1220	6947	Thu	Russian diplo/intel. 11166 70202 65284 17008 02219 and 11166 70202 45827 17009 01799	FSK 200/1000	(AB-RUS)
F06	18-5	1330	18417	Thu	Russian diplo/intel. 11166 80214 58246 18036 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18-5	1340	13975	Thu	Russian diplo/intel. 11166 80214 58246 18036 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18-5	1350	11588	Thu	Russian diplo/intel. 11166 80214 58246 18036 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	19-5	0700	11163	Fri	Russian diplo/intel. 11166 70202 23574 19051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19-5	0710	9271	Fri	Russian diplo/intel. 11166 70202 23574 19051 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	19-5	0720	7532	Fri	Russian diplo/intel. 11166 70202 23574 19051 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	20-5	1400	12211	Sat	Russian diplo/intel. 11100 00000 31657 19077 01699	FSK 200/1000	(PY)
F06	20-5	1410	10576	Sat	Russian diplo/intel. 11100 00000 31657 19077 01699	FSK 200/1000	(PY)
F06	21-5	1030	13396	Sun	Russian diplo/intel. 11100 00000 31657 19077 01699	FSK 200/1000	(MPJ)
F06	21-5	1030	13396	Sun	Russian diplo/intel. Message	FSK 200/1000	(PY)
F06	21-5	1040	11123	Sun	Russian diplo/intel. 11100 00000 31657 19077 01699	FSK 200/1000	(MPJ)
F06	21-5	1050	9089	Sun	Russian diplo/intel. 11100 00000 31657 19077 01699	FSK 200/1000	(MPJ)
F06	21-5	1530	23129	Sun	Russian diplo/intel. 11166 10053 17243 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	21-5	1540	18763	Sun	Russian diplo/intel. 11166 10053 17243 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	21-5	1550	16255	Sun	Russian diplo/intel. 11166 10053 17243 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	21-5	2100	20067	Sun	Russian diplo/intel. Message	FSK 200/1000a	(FSK1)
F06	22-5	0200	13370	Mon	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	22-5	0300	11563	Mon	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	22-5	0700	11163	Mon	Russian diplo/intel. 11166 70202 85421 19010 02339	FSK 200/1000	(PY)
F06	22-5	0800	9962	Mon	Russian diplo/intel. 11100 00000 64358 19088 00979	FSK 200/1000	(PY)
F06	23-5	1200	10523	Tue	Russian diplo/intel. 11166 70202 32415 and 11166 70202 87321	FSK/200/1000	(MPJ)
F06	23-5	1200	10523	Tue	Russian diplo/intel. 11166 70202 32415 22011 02099 and 11166 70202 87321 22012 01759	FSK 200/1000	(PY)

F06	23-5	1210	8129	Tue	Russian diplo/intel. 11166 70202 32415 and 11166 70202 87321	FSK/200/1000	(MPJ)
F06	23-5	1220	6947	Tue	Russian diplo/intel. 11166 70202 32415 and 11166 70202 87321	FSK/200/1000	(MPJ)
F06	23-5	1230	20888	Tue	Russian diplo/intel. 11166 30154 12475 23574 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	23-5	1240	17437	Tue	Russian diplo/intel. 11166 30154 12475 23574 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	23-5	1250	15761	Tue	Russian diplo/intel. 11166 30154 12475 23574 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	23-5	1650	22893	Tue	Russian diplo/intel. 11166 10053 12345 23001 00049 00000 00000 00000	FSK/200/1000	(MPJ)
F06	23-5	1700	17455	Tue	Russian diplo/intel. 11166 10053 12345 23001 00049 00000 00000 00000	FSK/200/1000	(MPJ)
F06	23-5	1710	15651	Tue	Russian diplo/intel. 11166 10053 12345 23001 00049 00000 00000 00000	FSK/200/1000	(MPJ)
F06	24-5	0600	17420	Wed	Russian diplo/intel. 11166 40122 24865 20055 03359	FSK 200/1000	(PY)
F06	24-5	0610	15673	Wed	Russian diplo/intel. 11166 40122 24865 20055 03359	FSK 200/1000	(PY)
F06	24-5	0620	13361	Wed	Russian diplo/intel. 11166 40122 24865 20055 03359	FSK 200/1000	(PY)
F06	24-5	0700	11163	Wed	Russian diplo/intel. 11166 70202 25694 23013 02559	FSK 200/1000	(PY)
F06	24-5	0915	20627	Wed	Russian diplo/intel. 11166 40023 12548 24001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	24-5	0930	16168	Wed	Russian diplo/intel. 11166 40023 12548 24001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	24-5	0945	14984	Wed	Russian diplo/intel. 11166 40023 12548 24001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	24-5	1210	8129	Wed	Russian diplo/intel. Message	FSK 200/1000	(PY)
F06	25-5	0300	11563	Thu	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	25-5	0610	15673	Thu	Russian diplo/intel. 11166 40122 24865 20055 03359	FSK 200/1000	(PY)
F06	25-5	0700	11163	Thu	Russian diplo/intel. 11166 70202 37415 24014 02059 and 11166 70202 57321 24015 02079	FSK 200/1000	(PY)
F06	25-5	1330	18417	Thu	Russian diplo/intel. 11166 80214 13456 25077 00049 00000 00000 00000	FSK/200/1000	(MPJ)
F06	25-5	1330	18417	Thu	Russian diplo/intel. Null message	FSK 200/1000	(PY)
F06	25-5	1330	18417	Thu	Russian diplo/intel. 11166 80214 13456 25077 00049 00000 00000 00000	FSK 200/1000	(RL-HOL)
F06	25-5	1340	13975	Thu	Russian diplo/intel. 11166 80214 13456 25077 00049 00000 00000 00000	FSK/200/1000	(MPJ)
F06	25-5	1340	13975	Thu	Russian diplo/intel. 11166 80214 13456 25077 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	25-5	1340	13975	Thu	Russian diplo/intel. 11166 80214 13456 25077 00049 00000 00000 00000	FSK 200/1000	(RL-HOL)
F06	25-5	1350	11588	Thu	Russian diplo/intel. 11166 80214 13456 25077 00049 00000 00000 00000	FSK/200/1000	(MPJ)
F06	25-5	1350	11588	Thu	Russian diplo/intel. Null message	FSK 200/1000	(PY)
F06	25-5	1350	11588	Thu	Russian diplo/intel. 11166 80214 13456 25077 00049 00000 00000 00000	FSK 200/1000	(RL-HOL)
F06	26-5	0700	11163	Fri	Russian diplo/intel. 11166 70202 56891 25048 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	27-5	1400	12211	Sat	Russian diplo/intel. 11100 00000 84321 26078 01939	FSK/200/1000	(MPJ)
F06	27-5	1400	12211	Sat	Russian diplo/intel.	FSK 200/1000	(PY/Subilo)
F06	27-5	1410	10576	Sat	Russian diplo/intel. 11100 00000 84321 26078 01939	FSK/200/1000	(MPJ)
F06	27-5	1410	10576	Sat	Russian diplo/intel. Message	FSK 200/1000	(PY/Subilo)
F06	27-5	1410	10576	Sat	Russian diplo/intel. 11100 00000 84321 26078 01939	FSK 200/1000	(RL-HOL)
F06	27-5	1420	8075	Sat	Russian diplo/intel. 11100 00000 84321 26078 01939	FSK/200/1000	(MPJ)
F06	28-5	1030	13396	Sun	Russian diplo/intel. 11100 00000 84321 26078 01939	FSK 200/1000	(MPJ)
F06	28-5	1040	11123	Sun	Russian diplo/intel. 11100 00000 84321 26078 01939	FSK 200/1000	(MPJ)
F06	28-5	1050	9089	Sun	Russian diplo/intel. 11100 00000 84321 26078 01939	FSK 200/1000	(MPJ)
F06	28-5	1530	23129	Sun	Russian diplo/intel. 11166 10053 23671 28001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	28-5	2100	20067	Sun	Russian diplo/intel.	FSK 200/1000a	(PY)
F06	28-5	2130	14486	Sun	Russian diplo/intel.	FSK 200/1000a	(PY)
F06	29-5	0200	13370	Mon	Russian diplo/intel. Message	FSK 200/1000	(Subilo)

F06	29-5	0300	11563	Mon	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	29-5	0700	11163	Mon	Russian diplo/intel. 11166 70202 75321 26016 02539	FSK 200/1000	(PY)
F06	30-5	0030	14373	Tue	Russian diplo/intel. 11166 60070 72468 30001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	30-5	0040	11411	Tue	Russian diplo/intel. 11166 60070 72468 30001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	30-5	0050	9965	Tue	Russian diplo/intel. 11166 60070 72468 30001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	30-5	0200	13370	Tue	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	30-5	0300	11563	Tue	Russian diplo/intel. Message	FSK 200/1000	(Subilo)
F06	30-5	0700	11163	Tue	Russian diplo/intel. 11166 70202 15472 29017 02159 and 11166 70202 48621 29018 02279	FSK 200/1000	(PY)
F06	30-5	0710	9271	Tue	Russian diplo/intel. 11166 70202 15472 29017 02159 and 11166 70202 48621 29018 02279	FSK 200/1000	(PY)
F06	30-5	1010	14395	Tue	Russian diplo/intel. 11100 00000 79568 29021 03259	FSK-200/1000	(PY/T101/qsr711)
F06	30-5	1230	20888	Tue	Russian diplo/intel. 11166 30154 25896 30027 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	30-5	1240	17437	Tue	Russian diplo/intel. 11166 30154 25896 30027 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	30-5	1250	15761	Tue	Russian diplo/intel. 11166 30154 25896 30027 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	30-5	1400	13396	Tue	Russian diplo/intel. 11100 00000 79568 29021 03259	FSK-200/1000	(PY/T101/qsr711)
F06	30-5	1410	11123	Tue	Russian diplo/intel. 11100 00000 79568 29021 03259	FSK-200/1000	(PY/T101/qsr711)
F06	30-5	1420	9089	Tue	Russian diplo/intel. 11100 00000 79568 29021 03259	FSK-200/1000	(PY/T101/qsr711)
F06	30-5	1650	22893	Tue	Russian diplo/intel. 11166 10053 78451 30001 00049 00000	FSK/200/1000	(MPJ)
F06	30-5	1650	22893	Tue	Russian diplo/intel. Null message	FSK 200/1000	(PY/Subilo)
F06	30-5	1700	17455	Tue	Russian diplo/intel. 11166 10053 78451 30001 00049 00000	FSK/200/1000	(MPJ)
F06	30-5	1700	17455	Tue	Russian diplo/intel. Null message	FSK 200/1000	(PY/Subilo)
F06	30-5	1710	15651	Tue	Russian diplo/intel. 11166 10053 78451 30001 00049 00000	FSK/200/1000	(MPJ)
F06	30-5	1710	15651	Tue	Russian diplo/intel. 11166 10053 78451 30001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	31-5	0600	15673	Wed	Russian diplo/intel. 11166 40122 26714 27056 02729 and 11166 40122 16349 27057 02259	FSK 200/1000	(PY)
F06	31-5	0620	13361	Wed	Russian diplo/intel. 11166 40122 26714 27056 02729 and 11166 40122 16349 27057 02259	FSK 200/1000	(PY)
F06	31-5	0700	11163	Wed	Russian diplo/intel. 11166 70202 75321 30019 02479	FSK 200/1000	(PY)
F06	31-5	1200	10523	Wed	Russian diplo/intel. 11166 70202 75321 30019 02479	FSK 200/1000	(MPJ-HOL)
F06	31-5	1210	8129	Wed	Russian diplo/intel. 11166 70202 75321 30019 02479	FSK 200/1000	(MPJ-HOL)
F06	31-5	1220	6947	Wed	Russian diplo/intel. 11166 70202 75321 30019 02479	FSK 200/1000	(MPJ-HOL)
F06	31-5	1220	6947	Wed	Russian diplo/intel. Message	FSK 200/1000	(qsr711)
F06a	4-5	0400	5913	Thu	Russian diplo/intel. File 44477	FSK 200/1000	(AB)
F06a	4-5	0415	7331	Thu	Russian diplo/intel. File 44477	FSK 200/1000	(AB)
F06a	4-5	0430	8137	Thu	Russian diplo/intel. File 44477	FSK 200/1000	(AB)
F06a	5-5	0400	5913	Fri	Russian diplo/intel. File 44477	FSK 200/1000	(AB)
F06a	5-5	0415	7331	Fri	Russian diplo/intel. File 44477	FSK 200/1000	(AB)
F06a	5-5	0430	8137	Fri	Russian diplo/intel. File 44477	FSK 200/1000	(AB)
F06a	6-5	2100	20067	Sat	Russian diplo/intel. File 04470	FSK 200/1000	(AB-HNG)
F06a	6-5	2115	16039	Sat	Russian diplo/intel. File 04470	FSK 200/1000	(AB-HNG)
F06a	6-5	2130	14486	Sat	Russian diplo/intel. File 04470	FSK 200/1000	(AB-HNG)
F06a	7-5	2100	20067	Sun	Russian diplo/intel. File 04470	FSK 200/1000	(AB/RL)
F06a	7-5	2115	16039	Sun	Russian diplo/intel. File 04470	FSK 200/1000	(AB-HNG/RL)
F06a	7-5	2130	14486	Sun	Russian diplo/intel. File 04470	FSK 200/1000	(AB-HNG/RL)
F06a	11-5	0400	5913	Thu	Russian diplo/intel. File 44478	FSK 200/1000	(AB)

F06a	11-5	0415	7331	Thu	Russian diplo/intel. File 44478	FSK 200/1000	(AB)
F06a	11-5	0430	8137	Thu	Russian diplo/intel. File 44478	FSK 200/1000	(AB)
F06a	12-5	0400	5913	Fri	Russian diplo/intel. File 44478	FSK 200/1000	(AB)
F06a	12-5	0415	7331	Fri	Russian diplo/intel. File 44478	FSK 200/1000	(AB)
F06a	12-5	0430	8137	Fri	Russian diplo/intel. File 44478	FSK 200/1000	(AB)
F06a	13-5	2100	20067	Sat	Russian diplo/intel. File 04471	FSK 200/1000	(AB-HNG)
F06a	13-5	2115	16039	Sat	Russian diplo/intel. File 04471	FSK 200/1000	(AB-RUS)
F06a	13-5	2130	14486	Sat	Russian diplo/intel. File 04471	FSK 200/1000	(AB-HNG)
F06a	14-5	2100	20067	Sun	Russian diplo/intel. File 04471	FSK 200/1000	(AB)
F06a	14-5	2115	16039	Sun	Russian diplo/intel. File 04471	FSK 200/1000	(AB-HNG)
F06a	14-5	2130	14486	Sun	Russian diplo/intel. File 04471	FSK 200/1000	(AB-HNG)
F06a	18-5	0400	5913	Thu	Russian diplo/intel. File 44479	FSK 200/1000	(AB)
F06a	18-5	0415	7331	Thu	Russian diplo/intel. File 44479	FSK 200/1000	(AB)
F06a	18-5	0430	8137	Thu	Russian diplo/intel. File 44479	FSK 200/1000	(AB)
F06a	19-5	0400	5913	Fri	Russian diplo/intel. File 44479	FSK 200/1000	(AB)
F06a	19-5	0415	7331	Fri	Russian diplo/intel. File 44479	FSK 200/1000	(AB)
F06a	19-5	0430	8137	Fri	Russian diplo/intel. File 44479	FSK 200/1000	(AB)
F06a	20-5	2100	20067	Sat	Russian diplo/intel. File 04472	FSK 200/1000	(PY)
F06a	20-5	2115	16039	Sat	Russian diplo/intel. File 04472	FSK 200/1000	(PY/RL)
F06a	20-5	2130	14486	Sat	Russian diplo/intel. File 04472	FSK 200/1000	(RL)
F06a	21-5	2100	20067	Sun	Russian diplo/intel. File 04472	FSK 200/1000	(RL)
F06a	21-5	2115	16039	Sun	Russian diplo/intel. File 04472	FSK 200/1000	(RL)
F06a	21-5	2130	14486	Sun	Russian diplo/intel. File 04472	FSK 200/1000	(RL)
F06a	22-5	0810	12219	Mon	Russian diplo/intel. File 00173~1.TXT (2321 bytes), 5LG telegram. Header 11100 00173 85396 20142 03769	FSK 200/1000	(PY)
F06a	22-5	0820	14652	Mon	Russian diplo/intel. File 00173~1.TXT (2321 bytes), 5LG telegram. Heacer 11100 00173 85396 20142 03769	FSK 200/1000	(PY)
F06a	25-5	0400	5913	Thu	Russian diplo/intel. File 44480 (916 bytes)	FSK 200/1000	(PY)
F06a	25-5	0415	7331	Thu	Russian diplo/intel. File 44480 (916 bytes)	FSK 200/1000	(PY)
F06a	25-5	0430	8137	Thu	Russian diplo/intel. File 44480 (916 bytes)	FSK 200/1000	(PY)
F06a	26-5	0400	5913	Fri	Russian diplo/intel. File 44480 (916 bytes)	FSK 200/1000	(PY)
F06a	26-5	0415	7331	Fri	Russian diplo/intel. File 44480 (916 bytes)	FSK 200/1000	(PY)
F06a	26-5	0430	8137	Fri	Russian diplo/intel. File 44480 (916 bytes)	FSK 200/1000	(PY)
F06a	27-5	2100	20067	Sat	Russian diplo/intel. File 04473 (989 bytes)	FSK 200/1000	(PY/RL-HOL)
F06a	27-5	2115	16039	Sat	Russian diplo/intel. File 04473 (989 bytes)	FSK 200/1000	(PY)
F06a	27-5	2130	14486	Sat	Russian diplo/intel. File 04473 (989 bytes)	FSK 200/1000	(PY)
F07	4-5	2030	14458	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	4-5	2040	13892	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	4-5	2050	12207	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	9-5	2000	16329	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	9-5	2010	15887	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	9-5	2020	14937	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)

F07	9-5	2030	14458	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	9-5	2040	13892	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	9-5	2050	12207	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	11-5	2000	16329	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	11-5	2010	15887	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	11-5	2020	14937	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	11-5	2030	14458	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	11-5	2040	13892	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	11-5	2050	12207	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	18-5	2000	16329	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	18-5	2010	15887	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	18-5	2020	14937	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	18-5	2030	14458	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	18-5	2040	13892	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	18-5	2050	12207	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	23-5	2000	16329	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	23-5	2000	16329	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	23-5	2010	15887	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
F07	23-5	2010	15887	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	23-5	2020	14937	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	23-5	2030	14458	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	23-5	2040	13892	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	23-5	2050	12207	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(RL)
F07	25-5	2000	16329	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY/gb5uqx)
F07	25-5	2020	14937	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY/gb5uqx)
F07	30-5	2000	16329	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(PY)
HM01	1-5	1559	11435	Mon	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	2-5	1643	11435	Tue	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	3-5	1600	11435	Wed	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(RR2)
HM01	4-5	1600	11435	Thu	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	5-5	1636	11435	Fri	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	6-5	0530	11462	Sat	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB)
HM01	6-5	0630	14375	Sat	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB)
HM01	6-5	1747	11530	Sat	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	7-5	1700	11530	Sun	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	8-5	1600	11435	Mon	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	9-5	1557	11435	Tue	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	10-5	0500	10860	Wed	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB)
HM01	10-5	0600	10345	Wed	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB)
HM01	10-5	1600	11435	Wed	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(RR2)
HM01	11-5	1700	11530	Thu	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)
HM01	12-5	1558	11435	Fri	87418 78747 55075 45445 75137 33064 (repeat of 6 April)	AM/WinDRM	(AB-USA)

HM01	14-5	1700	11530	Sun	53754 55202 58841 28087 52722 05217 File: 14756622.TXT sent after each group Callsign: QWERTY01	AM/WinDRM	(AB-USA)
HM01	15-5	1612	11435	Mon	53755 55203 58841 80441 52723 05218 Files 58315375.TXT 27635520.TXT 81825884.TXT 64488044.TXT 07325272.TXT 76730521.TXT Callsign: QWERTY01	AM/WinDRM	(AB-USA)
HM01	16-5	1610	11435	Tue	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA)
HM01	17-5	0555	10345	Wed	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB)
HM01	17-5	1610	11435	Wed	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA)
HM01	18-5	0600	10860	Thu	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB)
HM01	18-5	1629	14375	Thu	53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB)
HM01	19-5	1556	11435	Fri	Briefly Radio Habana Cuba, then 53755 55203 58841 80441 52723 05218 (repeat of 15 May)	AM/WinDRM	(AB-USA)
HM01	21-5	2100	11635	Sun	53755 55203 58841 80441 52723 05218	AM/WinDRM	(qsr711)
HM01	21-5	2130	11635	Sun	53755 55203 58841 80441 52723 05218	AM/WinDRM	(qsr711)
HM01	23-5	1700	11435	Tue	Active	AM/WinDRM	(PY)
HM01	26-5	1600	11435	Fri	Radio Habana Cuba before switching to HM01	AM/WinDRM	(PY)
HM01	30-5	1000	12180	Tue	repeat from 2023-05-21	AM/WinDRM	(qsr711)
HM01	30-5	1000	12180	Tue	repeat from 2023-05-21	AM/WinDRM	(qsr711)
HM01	30-5	1000	12180	Tue	repeat from 2023-05-21	AM/WinDRM	(qsr711)
M01	2-5	1800	5280	Tue	463 645 645 30 30 == 67834 65543 67834 ... 78923 781 782 8934 834 == 6464 000	CW	(AB/HFD)
M01	2-5	2000	4903	Tue	463 720 720 30 30 == 79843 34578 64590 ... 4667856656796798 == 720 720 30 30 000	CW	(AB/HFD)
M01	4-5	1800	5280	Thu	025 322 322 30 30 == 27032 18094 78604 ... 39801 70510 27013 == 322 322 30 30 000	CW	(AB/HFD)
M01	4-5	2000	4903	Thu	025 576 576 30 30 == 07032 01042 26082 ... 22062 24062 23072 == 576 576 30 30 000	CW	(AB-FIN/Cic)
M01	9-5	1800	5280	Tue	025 904 904 30 30 == 46576 48789 09009 ... 47590 18767 38767 == 904 904 30 30 000	CW	(AB-FIN)
M01	11-5	1800	5280	Thu	025 745 745 30 30 == 24315 84980 35346 ... 83787 22776 33554 == 745 745 30 30 000	CW	(AB-FIN)
M01	11-5	2000	4903	Thu	025 823 823 30 30 == 17387 48374 47297 ... 92726 91187 25252 == 823 823 30 30 000	CW	(AB-POL/HFD)
M01	21-5	0700	6780	Sun	025 Message	CW	(PY)
M01	25-5	1800	5280	Thu	025 (R) 612 612 30 30 = 09041 21062 (?) 23072 ... 40301 11061 13063 == 612 612 30 30 000	CW	(MPJ-AUT)
M01	25-5	2000	4903	Thu	025 Message	CW	(PY)
M01	30-5	2000	4903	Tue	025 Message	CW	(PY)
M12	1-5	1400	20282	Mon	243 243 243 1 219 35 219 35 44540 25041 07131 ... 48090 33619 28101 000 000	CW	(AB/MPJ/HFD)
M12	1-5	1420	19482	Mon	243 243 243 1 219 35 219 35 44540 25041 07131 ... 48090 33619 28101 000 000	CW	(AB/MPJ/HFD)
M12	1-5	1440	18382	Mon	243 243 243 1 219 35 219 35 44540 25041 07131 ... 48090 33619 28101 000 000	CW	(AB/MPJ/HFD)
M12	1-5	2000	13926	Mon	573 573 573 000	CW	(AB/HFD)
M12	1-5	2020	13426	Mon	573 573 573 000	CW	(AB/HFD)
M12	2-5	0030	8161	Tue	115 115 115 000	CW	(HFD)
M12	2-5	0050	9161	Tue	115 115 115 000	CW	(HFD)
M12	2-5	0300	16272	Tue	299 299 299 000	CW	(HFD-J)
M12	2-5	0320	14972	Tue	299 299 299 000	CW	(HFD-J)
M12	2-5	0800	13459	Tue	496 496 496 000	CW	(AB/HFD)
M12	2-5	0820	13959	Tue	496 496 496 000	CW	(AB/HFD)
M12	3-5	0600	10348	Wed	351 351 351 000	CW	(HFD)
M12	3-5	0620	11548	Wed	351 351 351 000	CW	(HFD)
M12	3-5	1600	16113	Wed	188 188 188 000	CW	(AB/MPJ/HFD)

M12	3-5	1620	15813	Wed	188 188 188 000	CW	(AB/MPJ/HFD)
M12	3-5	1900	15936	Wed	975 975 975 000	CW	(AB/RL/HFD)
M12	3-5	1920	14736	Wed	975 975 975 000	CW	(AB/RL/HFD)
M12	4-5	1110	13386	Thu	725 725 725 1 6727 90 6727 90 45781 03785 44106 ... 75354 49093 16477 000 000	CW	(AB/MPJ/HFD)
M12	4-5	1130	12189	Thu	725 725 725 1 6727 90 6727 90 45781 03785 44106 ... 75354 49093 16477 000 000	CW	(AB/MPJ/HFD)
M12	4-5	1150	11491	Thu	725 725 725 1 6727 90 6727 90 45781 03785 44106 ... 75354 49093 16477 000 000	CW	(AB/MPJ/HFD)
M12	4-5	1400	20282	Thu	243 243 243 1 219 35 219 35 44540 25041 07131 ... 48090 33619 28101 000 000	CW	(AB/MPJ)
M12	4-5	1420	19482	Thu	243 243 243 1 219 35 219 35 44540 25041 07131 ... 48090 33619 28101 000 000	CW	(AB/MPJ)
M12	4-5	1440	18382	Thu	243 243 243 1 219 35 219 35 44540 25041 07131 ... 48090 33619 28101 000 000	CW	(AB/MPJ)
M12	4-5	1900	11435	Thu	938 938 938 1 ...	CW	(HFD)
M12	4-5	1920	10598	Thu	938 938 938 1 ...	CW	(HFD)
M12	4-5	1940	9327	Thu	938 938 938 1 ...	CW	(HFD)
M12	4-5	2000	13926	Thu	573 573 573 000	CW	(AB/RL)
M12	4-5	2020	13426	Thu	573 573 573 000	CW	(AB/RL)
M12	5-5	0210	13426	Fri	412 412 412 1 ...	CW	(HFD-J)
M12	5-5	0230	12126	Fri	412 412 412 1 ...	CW	(HFD-J)
M12	5-5	0250	10226	Fri	412 412 412 1 ...	CW	(HFD-J)
M12	5-5	0800	13459	Fri	496 496 496 000	CW	(AB-POL)
M12	5-5	0820	13959	Fri	496 496 496 000	CW	(AB-POL)
M12	5-5	1900	15936	Fri	975 975 975 000	CW	(AB/RL)
M12	5-5	1920	14736	Fri	975 975 975 000	CW	(AB/RL)
M12	5-5	2100	10843	Fri	822 822 822 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB/RL/HFD)
M12	5-5	2120	10243	Fri	822 822 822 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB/RL/HFD)
M12	5-5	2140	9243	Fri	822 822 822 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB/RL/HFD)
M12	6-5	0600	10348	Sat	351 351 351 000	CW	(AB)
M12	6-5	0620	11548	Sat	351 351 351 000	CW	(AB)
M12	6-5	1800	11435	Sat	938 938 938 1 3314 72 3314 72 62265 82743 07903 ... 36387 09599 65677 000 000	CW	(AB/MPJ)
M12	6-5	1820	10598	Sat	938 938 938 1 3314 72 3314 72 62265 82743 07903 ... 36387 09599 65677 000 000	CW	(AB/MPJ)
M12	6-5	1840	9327	Sat	938 938 938 1 3314 72 3314 72 62265 82743 07903 ... 36387 09599 65677 000 000	CW	(AB/MPJ)
M12	6-5	2100	10843	Sat	822 822 822 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB)
M12	6-5	2120	10243	Sat	822 822 822 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB)
M12	6-5	2140	9243	Sat	822 822 822 1 820 124 820 124 82018 75628 82626 ... 52772 76215 74770 000 000	CW	(AB)
M12	7-5	1600	16113	Sun	188 188 188 000	CW	(AB/MPJ)
M12	7-5	1620	15813	Sun	188 188 188 000	CW	(AB/MPJ)
M12	8-5	1400	20282	Mon	243 243 243 000	CW	(AB)
M12	8-5	1420	19482	Mon	243 243 243 000	CW	(AB)
M12	8-5	2000	13926	Mon	573 573 573 1 519 99 519 99 03052 11970 05866 ... 13778 64946 80927 000 000	CW	(AB/RL)
M12	8-5	2020	13426	Mon	573 573 573 1 519 99 519 99 03052 11970 05866 ... 13778 64946 80927 000 000	CW	(AB/RL)
M12	8-5	2040	11526	Mon	573 573 573 1 519 99 519 99 03052 11970 05866 ... 13778 64946 80927 000 000	CW	(AB/RL)
M12	9-5	0030	8161	Tue	115 115 115 1 350 37 350 37 83189 59906 36379 ... 51729 24910 78554 000 000	CW	(AB)
M12	9-5	0050	9161	Tue	115 115 115 1 350 37 350 37 83189 59906 36379 ... 51729 24910 78554 000 000	CW	(AB)
M12	9-5	0110	10561	Tue	115 115 115 1 350 37 350 37 83189 59906 36379 ... 51729 24910 78554 000 000	CW	(AB)

M12	9-5	0800	13459	Tue	496 496 496 000	CW	(AB)
M12	9-5	0820	13959	Tue	496 496 496 000	CW	(AB)
M12	10-5	0600	10348	Wed	351 351 351 1 410 88 410 88 47092 82037 48583 ... 82419 85563 13067 000 000	CW	(AB/HFD)
M12	10-5	0620	11548	Wed	351 351 351 1 410 88 410 88 47092 82037 48583 ... 82419 85563 13067 000 000	CW	(AB/HFD/PY)
M12	10-5	0640	12148	Wed	351 351 351 1 410 88 410 88 47092 82037 48583 ... 82419 85563 13067 000 000	CW	(AB/HFD/PY)
M12	10-5	1600	16113	Wed	188 188 188 1 4622 51 4622 51 91867 10312 30283 ... 58242 04217 36338 000 000	CW	(AB/MPJ)
M12	10-5	1620	15813	Wed	188 188 188 1 4622 51 4622 51 91867 10312 30283 ... 58242 04217 36338 000 000	CW	(AB/MPJ)
M12	10-5	1640	14813	Wed	188 188 188 1 4622 51 4622 51 91867 10312 30283 ... 58242 04217 36338 000 000	CW	(AB/MPJ)
M12	10-5	1900	15936	Wed	975 975 975 000	CW	(AB/RL)
M12	10-5	1920	14736	Wed	975 975 975 000	CW	(AB)
M12	11-5	1110	13386	Thu	725 725 725 1 2089 92 2089 92 26807 14783 90246 ... 21120 20823 39629 000 000	CW	(AB)
M12	11-5	1130	12189	Thu	725 725 725 1 2089 92 2089 92 26807 14783 90246 ... 21120 20823 39629 000 000	CW	(AB)
M12	11-5	1150	11491	Thu	725 725 725 1 2089 92 2089 92 26807 14783 90246 ... 21120 20823 39629 000 000	CW	(AB)
M12	11-5	1400	20282	Thu	243 243 243 000	CW	(AB)
M12	11-5	1420	19482	Thu	243 243 243 000	CW	(AB)
M12	11-5	2000	13926	Thu	573 573 573 1 519 99 519 99 03052 11970 05866 ... 13778 64946 80927 000 000	CW	(AB/RL)
M12	11-5	2020	13426	Thu	573 573 573 1 519 99 519 99 03052 11970 05866 ... 13778 64946 80927 000 000	CW	(AB/RL)
M12	11-5	2040	11526	Thu	573 573 573 1 519 99 519 99 03052 11970 05866 ... 13778 64946 80927 000 000	CW	(AB/RL)
M12	12-5	0030	8161	Fri	115 115 115 1 350 37 350 37 83189 59906 36379 ... 51729 24910 78554 000 000	CW	(AB)
M12	12-5	0050	9161	Fri	115 115 115 1 350 37 350 37 83189 59906 36379 ... 51729 24910 78554 000 000	CW	(AB)
M12	12-5	0110	10561	Fri	115 115 115 1 350 37 350 37 83189 59906 36379 ... 51729 24910 78554 000 000	CW	(AB)
M12	12-5	0800	13459	Fri	496 496 496 000	CW	(AB)
M12	12-5	0820	13959	Fri	496 496 496 000	CW	(AB)
M12	12-5	1900	15936	Fri	975 975 975 000	CW	(AB/RL)
M12	12-5	1920	14736	Fri	975 975 975 000	CW	(AB/RL)
M12	12-5	2100	10843	Fri	822 822 822 1 1127 186 1127 186 90659 19789 09867 ... 00515 47115 14743 000 000	CW	(AB/RL)
M12	12-5	2120	10243	Fri	822 822 822 1 1127 186 1127 186 90659 19789 09867 ... 00515 47115 14743 000 000	CW	(AB/RL)
M12	12-5	2140	9243	Fri	822 822 822 1 1127 186 1127 186 90659 19789 09867 ... 00515 47115 14743 000 000	CW	(AB/RL)
M12	13-5	0600	10348	Sat	351 351 351 1 410 88 410 88 47092 82037 48583 ... 82419 85563 13067 000 000	CW	(AB)
M12	13-5	0620	11548	Sat	351 351 351 1 410 88 410 88 47092 82037 48583 ... 82419 85563 13067 000 000	CW	(AB)
M12	13-5	0620	12148	Sat	351 351 351 1 410 88 410 88 47092 82037 48583 ... 82419 85563 13067 000 000	CW	(AB)
M12	13-5	1800	11435	Sat	938 938 938 1 8111 77 8111 77 49312 82558 92207 ...	CW	(AB)
M12	13-5	1820	10598	Sat	938 938 938 1 8111 77 8111 77 49312 82558 92207 ...	CW	(AB)
M12	13-5	1840	9327	Sat	938 938 938 1 8111 77 8111 77 49312 82558 92207 ...	CW	(AB)
M12	13-5	2100	10843	Sat	822 822 822 1 1127 186 1127 186 90659 19789 09867 ... 00515 47115 14743 000 000	CW	(AB)
M12	13-5	2120	10243	Sat	822 822 822 1 1127 186 1127 186 90659 19789 09867 ... 00515 47115 14743 000 000	CW	(AB)
M12	13-5	2140	9243	Sat	822 822 822 1 1127 186 1127 186 90659 19789 09867 ... 00515 47115 14743 000 000	CW	(AB)
M12	14-5	1600	16113	Sun	188 188 188 1 4622 51 4622 51 91867 10312 30283 ... 58242 04217 36338 000 000	CW	(AB/MPJ)
M12	14-5	1620	15813	Sun	188 188 188 1 4622 51 4622 51 91867 10312 30283 ... 58242 04217 36338 000 000	CW	(AB/MPJ)
M12	14-5	1640	14813	Sun	188 188 188 1 4622 51 4622 51 91867 10312 30283 ... 58242 04217 36338 000 000	CW	(AB/MPJ)
M12	15-5	1400	20282	Mon	243 243 203 1 1016 70 1016 70 94287 66465 80053 ... 06395 61067 02936 000 000	CW	(AB)
M12	15-5	1420	19482	Mon	243 243 203 1 1016 70 1016 70 94287 66465 80053 ... 06395 61067 02936 000 000	CW	(AB)

M12	15-5	1440	18382	Mon	243 243 203 1 1016 70 1016 70 94287 66465 80053 ... 06395 61067 02936 000 000	CW	(AB)
M12	15-5	2000	13926	Mon	573 573 573 000	CW	(AB)
M12	15-5	2020	13426	Mon	573 573 573 000	CW	(AB)
M12	16-5	0030	8161	Tue	115 115 115 000	CW	(AB)
M12	16-5	0050	9161	Tue	115 115 115 000	CW	(AB)
M12	16-5	0800	13459	Tue	496 496 496 000	CW	(AB)
M12	16-5	0820	13959	Tue	496 496 496 000	CW	(AB)
M12	17-5	0600	10348	Wed	351 351 351 000	CW	(AB)
M12	17-5	0620	11548	Wed	351 351 351 000	CW	(AB)
M12	17-5	1600	16113	Wed	188 188 188 1 154 66 154 66 18885 99404 55060 ... 96972 36946 42270 000 000	CW	(AB)
M12	17-5	1620	15813	Wed	188 188 188 1 154 66 154 66 18885 99404 55060 ... 96972 36946 42270 000 000	CW	(AB)
M12	17-5	1640	14813	Wed	188 188 188 1 154 66 154 66 18885 99404 55060 ... 96972 36946 42270 000 000	CW	(AB)
M12	17-5	1900	15936	Wed	975 975 975 1 602 104 602 104 44583 14541 20518 ... 43236 72295 89519 000 000	CW	(AB)
M12	17-5	1920	14736	Wed	975 975 975 1 602 104 602 104 44583 14541 20518 ... 43236 72295 89519 000 000	CW	(AB)
M12	17-5	1940	13536	Wed	975 975 975 1 602 104 602 104 44583 14541 20518 ... 43236 72295 89519 000 000	CW	(AB)
M12	18-5	1110	13386	Thu	725 725 725 1 6537 92 6537 92 51151 85008 29625 ... 87246 88677 34630 000 000	CW	(AB)
M12	18-5	1130	12189	Thu	725 725 725 1 6537 92 6537 92 51151 85008 29625 ... 87246 88677 34630 000 000	CW	(AB)
M12	18-5	1150	11491	Thu	725 725 725 1 6537 92 6537 92 51151 85008 29625 ... 87246 88677 34630 000 000	CW	(AB)
M12	18-5	1400	20282	Thu	243 243 203 1 1016 70 1016 70 94287 66465 80053 ... 06395 61067 02936 000 000	CW	(AB/MPJ)
M12	18-5	1420	19482	Thu	243 243 203 1 1016 70 1016 70 94287 66465 80053 ... 06395 61067 02936 000 000	CW	(AB/MPJ)
M12	18-5	1440	18382	Thu	243 243 203 1 1016 70 1016 70 94287 66465 80053 ... 06395 61067 02936 000 000	CW	(AB/MPJ)
M12	18-5	2000	13926	Thu	573 573 573 000	CW	(AB)
M12	18-5	2020	13426	Thu	573 573 573 000	CW	(AB)
M12	19-5	0030	8161	Fri	115 115 115 000	CW	(AB)
M12	19-5	0050	9161	Fri	115 115 115 000	CW	(AB)
M12	19-5	0800	13459	Fri	496 496 496 000	CW	(AB)
M12	19-5	0820	13959	Fri	496 496 496 000	CW	(AB)
M12	19-5	1900	15936	Fri	975 975 975 1 602 104 602 104 44583 14541 20518 ... 43236 72295 89519 000 000	CW	(AB)
M12	19-5	1920	14736	Fri	975 975 975 1 602 104 602 104 44583 14541 20518 ... 43236 72295 89519 000 000	CW	(AB)
M12	19-5	1940	13536	Fri	975 975 975 1 602 104 602 104 44583 14541 20518 ... 43236 72295 89519 000 000	CW	(AB)
M12	20-5	1800	11435	Sat	938 1 7992 79 97294 29078 47180 ... 71510 01928 24039 000 000	CW	(MPJ/HFD)
M12	20-5	1820	10598	Sat	938 1 7992 79 97294 29078 47180 ... 71510 01928 24039 000 000	CW	(MPJ/HFD)
M12	20-5	1840	9327	Sat	938 1 7992 79 97294 29078 47180 ... 71510 01928 24039 000 000	CW	(MPJ/HFD)
M12	20-5	2100	10843	Sat	message	CW	(AVX)
M12	20-5	2102	10243	Sat	message	CW	(AVX)
M12	21-5	1600	16113	Sun	188 188 188 1 154 66 154 66 18885 99404 55060 ... 96972 36946 42270 000 000	CW	(MPJ)
M12	21-5	1600	16113	Sun	188 188 188 1 154 66 154 66 18885 99404 55060 ... 96972 36946 42270 000 000	CW	(PY)
M12	21-5	1620	15813	Sun	188 188 188 1 154 66 154 66 18885 99404 55060 ... 96972 36946 42270 000 000	CW	(MPJ)
M12	21-5	1640	14813	Sun	188 188 188 1 154 66 154 66 18885 99404 55060 ... 96972 36946 42270 000 000	CW	(MPJ)
M12	22-5	0210	13426	Mon	412 1 412 166	CW	(Pigmon)
M12	22-5	0230	12126	Mon	412 1 412 166	CW	(Pigmon)
M12	22-5	0250	10226	Mon	412 1 412 166	CW	(Pigmon)

M12	22-5	1400	20282	Mon	243 000	CW	(PY)
M12	22-5	2000	13926	Mon	573 1 345 116 82103 96159 07818 ... 11738 14063 48652 000 000	CW	(RL/AVX)
M12	22-5	2020	13426	Mon	573 1 345 116 82103 96159 07818 ... 11738 14063 48652 000 000	CW	(RL)
M12	22-5	2040	11526	Mon	573 1 345 116 82103 96159 07818 ... 11738 14063 48652 000 000	CW	(RL)
M12	23-5	0300	16272	Tue	299 1 9633 112	CW	(Pgmon)
M12	23-5	0800	13459	Tue	496 000	CW	(PY)
M12	24-5	0600	10348	Wed	351 351 351 1 353 61 353 61 06633 19494 03667 ... 27830 96719 98935 000 000	CW	(PY)
M12	24-5	0620	11548	Wed	351 351 351 1 353 61 353 61 06633 19494 03667 ... 27830 96719 98935 000 000	CW	(PY)
M12	24-5	1620	15813	Wed	null	CW	(AVX)
M12	24-5	1900	15936	Wed	975 1 91 groups	CW	(PY)
M12	25-5	0300	16272	Thu	299 1 9633 112	CW	(Pigmon)
M12	25-5	1110	13386	Thu	725 1 2795 92 71307 51742 44765 ... 71431 29086 02443 000 000	CW	(MPJ/PY)
M12	25-5	1130	12189	Thu	725 1 2795 92 71307 51742 44765 ... 71431 29086 02443 000 000	CW	(MPJ)
M12	25-5	1150	11491	Thu	725 1 2795 92 71307 51742 44765 ... 71431 29086 02443 000 000	CW	(MPJ)
M12	25-5	1400	20282	Thu	243 243 243 000	CW	(MPJ)
M12	25-5	1400	20282	Thu	243 243 243 000	CW	(RL-HOL/PY)
M12	25-5	1420	19482	Thu	243 243 243 000	CW	(MPJ)
M12	25-5	2000	13926	Thu	573 1 116 groups	CW	(PY)
M12	26-5	0030	8161	Fri	115 1 5514 96	CW	(PY)
M12	26-5	0210	13426	Fri	412 1 412 166	CW	(PY)
M12	26-5	0800	13459	Fri	496 000	CW	(PY)
M12	26-5	1920	14736	Fri	975 1	CW	(PY)
M12	26-5	2100	10843	Fri	822 1 202 groups	CW	(PY)
M12	26-5	2120	10243	Fri	822 1 202 groups	CW	(PY)
M12	26-5	2140	9243	Fri	822 1 202 groups	CW	(PY)
M12	27-5	0600	10348	Sat	351 1 353 61	CW	(Subilo)
M12	27-5	1820	10598	Sat	msg 74 groups	CW	(AVX)
M12	27-5	1840	9327	Sat	938 1 8557 74 99488 68015 69623 ... 21562 11097 07422 000 000	CW	(RL-HOL)
M12	27-5	2100	10843	Sat	822 1 2523 202 019_0...	CW	(PY)
M12	27-5	2120	10243	Sat	822 1 2523 202 019_0...	CW	(PY)
M12	27-5	2120	10243	Sat	822 1 2523 202 01930 89698 88007 ... 16206 61832 74662 000 000	CW	(RL-HOL)
M12	27-5	2140	9243	Sat	822 1 2523 202 019_0...	CW	(PY)
M12	28-5	1600	16113	Sun	188 000	CW	(Lazo)
M12	28-5	1600	16113	Sun	188 188 188 000	CW	(MPJ)
M12	28-5	1620	15813	Sun	188 188 188 000	CW	(MPJ)
M12	29-5	0210	13426	Mon	412 1 475 164	CW	(Subilo/Pigmon)
M12	29-5	1420	19482	Mon	243 000	CW	(Lazo)
M12	29-5	2000	13926	Mon	573 573 573 000	CW	(AB)
M12	29-5	2000	13426	Mon	573 000	CW	(PY)
M12	29-5	2020	13426	Mon	573 573 573 000	CW	(AB)
M12	29-5	2020	13426	Mon	573 000	CW	(PY)
M12	30-5	0030	8161	Tue	115 000	CW	(PY)

M12	30-5	0050	9161	Tue	115 000	CW	(PY)
M12	30-5	0300	16272	Tue	299 1 7263 144	CW	(Subilo/Pigmon)
M12	30-5	0340	16272	Tue	299 1 7263 144	CW	(Subilo/Pigmon)
M12	30-5	0800	13459	Tue	496 000	CW	(PY)
M12	30-5	0820	13959	Tue	496 000	CW	(PY)
M12	31-5	0600	10348	Wed	351 000	CW	(PY)
M12	31-5	0620	11548	Wed	351 000	CW	(PY)
M12	31-5	1600	16113	Wed	188 188 188 000	CW	(MPJ)
M12	31-5	1620	15813	Wed	188 188 188 000	CW	(MPJ/Lazo)
M12	31-5	1900	15936	Wed	975 975 975 000	CW	(AB/PY)
M12	31-5	1920	14736	Wed	975 975 975 000	CW	(AB/PY)
M14	2-5	0500	12211	Tue	952 607 607 58 58 == 68188 83718 24773 ... 98885 off 952 (R) off (restarts, incomplete message)	CW	(AB-J/HFD-J)
M14	2-5	0520	10243	Tue	952 607 607 58 58 == 68188 83718 24773 ... 84918 79734 83645 == 607 607 58 58 00000	CW	(AB-J/HFD-J)
M14	3-5	0500	12211	Wed	952 318 318 52 52 == 34843 68473 38019 ... 92492 61743 44558 == 318 318 52 52 00000	CW	(AB-J)
M14	3-5	0520	10243	Wed	952 318 318 52 52 == 34843 68473 38019 ... 92492 61743 44558 == 318 318 52 52 00000	CW	(AB-J)
M14	3-5	1420	10755	Wed	975 148 148 60 60 == 52295 67328 80650 ... 86487 59180 41843 == 148 148 60 60 00000 (restarts during the message)	ICW	(PY)
M14	4-5	0500	12211	Thu	952 470 470 59 59 == 02715 94342 98663 ... 23810 60690 69308 470 470 59 59 00000 Late start	CW	(AB-J)
M14	4-5	0520	10243	Thu	952 470 470 59 59 == 02715 94342 98663 ... 23810 60690 69308 470 470 59 59 00000	CW	(AB-J)
M14	4-5	1800	11073	Thu	352 489 489 60 60 == 57244 58514 41417 ... 33039 57266 11905 == 489 489 60 60 00000 (restarts during the message)	ICW	(PY)
M14	5-5	0500	12211	Fri	952 186 186 53 53 == 75574 30923 10579 ... 70544 68207 39585 == 186 186 53 53 00000	CW	(AB-J)
M14	5-5	0520	10243	Fri	952 186 186 53 53 == 75574 30923 10579 ... 70544 68207 39585 == 186 186 53 53 00000	CW	(AB-J)
M14	10-5	0500	12211	Wed	952 437 437 60 60 == 02445 24846 05482 ... 71773 02968 51248 == 437 437 60 60 00000	CW	(AB-J)
M14	10-5	0517	12211	Wed	rapid dots	CW	(AB-J)
M14	10-5	0518	10243	Wed	rapid dots	CW	(AB-J)
M14	10-5	0520	10243	Wed	952 437 437 60 60 == 02445 24846 05482 ... 71773 02968 51248 == 437 437 60 60 00000	CW	(AB-J)
M14	11-5	0500	12211	Thu	952 160 160 54 54 == 42399 81000 95260 ... 22727 45237 37120 == 160 160 54 54 00000	CW	(AB-J)
M14	11-5	0520	10243	Thu	952 160 160 54 54 == 42399 81000 95260 ... 22727 45237 37120 == 160 160 54 54 00000	CW	(AB-J)
M14	12-5	0500	12211	Fri	952 743 743 55 55 == 42579 03755 87915 ... 40586 09528 48120 == 743 743 55 55 00000	CW	(AB-J)
M14	12-5	0520	10243	Fri	952 743 743 55 55 == 42579 03755 87915 ... 40586 09528 48120 == 743 743 55 55 00000	CW	(AB-J)
M14	15-5	0500	12211	Mon	952 806 806 51 51 == 33694 32776 51613 ... 17277 53469 80316 == 806 806 51 51 00000	CW	(AB-J)
M14	15-5	0520	10243	Mon	952 806 806 51 51 == 33694 32776 51613 ... 17277 53469 80316 == 806 806 51 51 00000	CW	(AB-J)
M14	16-5	0500	12211	Tue	952 134 134 59 59 == 56411 10892 73127 ... 61902 96139 98679 == 134 134 59 59 00000	CW	(AB-J)
M14	16-5	0520	10243	Tue	952 134 134 59 59 == 56411 10892 73127 ... 61902 96139 98679 == 134 134 59 59 00000	CW	(AB-J)
M14	17-5	0500	12211	Wed	952 786 786 54 54 == 21700 88565 19418 ... 02871 73437 92762 == 786 786 54 54 00000	CW	(AB-J)
M14	17-5	0520	10243	Wed	952 786 786 54 54 == 21700 88565 19418 ... 02871 73437 92762 == 786 786 54 54 00000 FSK CW till 0524z	CW	(AB-J)
M14	18-5	0500	12211	Thu	952 103 103 64 64 == 41733 70542 66584 ... 06840 67730 39438 == 103 103 64 64 00000	CW	(AB-J)
M14	18-5	0520	10243	Thu	952 103 103 64 64 == 41733 70542 66584 ... 06840 67730 39438 == 103 103 64 64 00000	CW	(AB-J)

M14	19-5	0500	12211	Fri	952 476 476 58 58 = = 81188 01774 24895 ... 20618 65043 69578 = = 476 476 58 58 00000	CW	(AB-J/Subilo)
M14	19-5	0520	10243	Fri	Callup partly in reverse morse. Restarts. Again reverse morse. Carrier only. Off at 0536z	CW	(AB-J)
M14	22-5	0500	12211	Mon	952 108 108 60 60 = = 08469 76503 37054 ... 59306 12960 55671 = = 108 108 60 60 00000	CW	(AB/Subilo)
M14	22-5	0520	10243	Mon	952 108 108 60 60 = = 08469 76503 37054 ... 59306 12960 55671 = = 108 108 60 60 00000	CW	(AB/Subilo)
M14	22-5	0757	10755	Mon	two series of fast beeps	ICW	(PY)
M14	22-5	0810	10755	Mon	975 (R) 126 126 30 30 = = 36125 67357 79636 ... 51329 29733 15633 = = 126 126 30 30 00000	ICW	(PY)
M14	23-5	0500	12211	Tue	952 364 364 57 57 = = 90917 67182 75596 ... 80424 83059 07690 = = 364 364 57 57 00000	CW	(AB/Subilo)
M14	23-5	0520	10243	Tue	952 364 364 57 57 = = 90917 67182 75596 ... 80424 83059 07690 = = 364 364 57 57 00000	CW	(AB/Subilo)
M14	24-5	0500	12211	Wed	952 781 781 59 59 = = 52558 88677 93193 ... 24106 67037 17212 = = 781 781 59 59 00000	CW	(AB/Subilo)
M14	24-5	0653	11073	Wed	two series of fast beeps	ICW	(PY)
M14	24-5	0700	11073	Wed	352 (R) 789 789 40 40 = = 88023 15559 21026 ... 79721 94675 63025 = = 789 789 40 40 and 352 (R) 460 460 19 19 = = 66650 33333 91782 ... 40899 62956 00157 = = 460 460 19 19 00000	ICW	(PY)
M14	25-5	0500	12211	Thu	952 306 306 52 52 = = 31340 90432 99293 ... 93575 25343 86464 = = 306 306 52 52 00000	CW	(AB/Subilo)
M14	25-5	0520	10243	Thu	952 306 306 52 52 = = 31340 90432 99293 ... 93575 25343 86464 = = 306 306 52 52 00000	CW	(AB/Subilo)
M14	25-5	0850	9463	Thu	two series of fast beeps	ICW	(PY)
M14	25-5	0900	9463	Thu	801 (R) 543 543 20 20 = = 75355 66984 53452 ... 08563 75954 93563 = = 543 543 20 20 and 801 (R) 769 769 30 30 = = 98899 97752 00329 ... 26170 41025 07806 = = 769 769 30 30 00000	ICW	(PY)
M14	26-5	0500	12211	Fri	952 487 487 51 51 = = 80704 28633 13862 ... 58110 64336 92396 = = 487 487 51 51 00000	CW	(AB/Subilo)
M14	26-5	0520	10243	Fri	952 487 487 51 51 = = 80704 28633 13862 ... 58110 64336 92396 = = 487 487 51 51 00000	CW	(AB/Subilo)
M14	29-5	0500	12211	Mon	952 130 130 64 64 = = 44824 67363 36350 ... 97035 10750 74903 = = 130 130 64 64 00000	CW	(AB/Subilo)
M14	29-5	0520	10243	Mon	Off after group 23	CW	(AB/Subilo)
M14	30-5	0500	12211	Tue	952 648 648 57 57 = = 05323 66871 45032 ... 96678 83299 52619 = = 648 648 57 57 00000	CW	(AB/Subilo)
M14	30-5	0520	10243	Tue	952 648 648 57 57 = = 05323 66871 45032 ... 96678 83299 52619 = = 648 648 57 57 00000	CW	(AB/Subilo)
M14	31-5	0500	12211	Wed	952 713 713 59 59 = = 23688 19791 25215 ... 03080 52242 40912 = = 713 713 59 59 00000	CW	(AB/Subilo)
M14	31-5	0520	10243	Wed	952 713 713 59 59 = = 23688 19791 25215 ... 03080 52242 40912 = = 713 713 59 59 00000	CW	(AB/Subilo)
M22	25-5	2241	6604	Thu	VVV DE 4XZ 4XZ = =	CW	(RL-HOL)
M23	1-5	0759	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	1-5	1134	5345	Mon	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	1-5	1229	5345	Mon	541 541 541 (R 12m)	CW	(AB/MPJ/HFD)
M23	1-5	1259	5345	Mon	Hourly beep	CW	(AB)
M23	1-5	1404	5345	Mon	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	1-5	1659	5345	Mon	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	2-5	0759	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	2-5	1134	5345	Tue	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	2-5	1229	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	2-5	1259	5345	Tue	Hourly beep	CW	(AB)
M23	2-5	1404	5345	Tue	SET SET SET (R 30m)	CW	(AB)
M23	2-5	1659	5345	Tue	591 591 591 (R 12m)	CW	(AB)
M23	3-5	0759	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	3-5	1134	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	3-5	1229	5345	Wed	541 541 541 (R 12m)	CW	(AB)
M23	3-5	1404	5345	Wed	SET SET SET (R 30m)	CW	(MPJ)

M23	3-5	1659	5345	Wed	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	4-5	0759	5345	Thu	541 541 541 (R 12m)	CW	(AB)
M23	4-5	1134	5345	Thu	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	4-5	1229	5345	Thu	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	4-5	1404	5345	Thu	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	4-5	1659	5345	Thu	591 591 591 (R 12m)	CW	(AB)
M23	5-5	0759	5345	Fri	541 541 541 (R 12m)	CW	(AB-F)
M23	5-5	1134	5345	Fri	591 591 591 (R 12m)	CW	(AB-F/MPJ)
M23	5-5	1229	5345	Fri	541 541 541 (R 12m)	CW	(AB/MPJ)
M23	5-5	1404	5345	Fri	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	5-5	1659	5345	Fri	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	6-5	0759	5345	Sat	541 541 541 (R 12m)	CW	(AB)
M23	6-5	1134	5345	Sat	591 591 591 (R 12m)	CW	(AB)
M23	6-5	1229	5345	Sat	541 541 541 (R 12m)	CW	(AB)
M23	6-5	1404	5345	Sat	SET SET SET (R 30m)	CW	(AB)
M23	6-5	1659	5345	Sat	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	7-5	0759	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	7-5	1134	5345	Sun	591 591 591 (R 12m)	CW	(AB)
M23	7-5	1229	5345	Sun	541 541 541 (R 12m)	CW	(AB)
M23	7-5	1404	5345	Sun	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	7-5	1659	5345	Sun	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	8-5	0759	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	8-5	1134	5345	Mon	591 591 591 (R 12m)	CW	(AB)
M23	8-5	1229	5345	Mon	541 541 541 (R 12m)	CW	(AB)
M23	8-5	1404	5345	Mon	SET SET SET (R 30m)	CW	(AB)
M23	8-5	1659	5345	Mon	591 591 591 (R 12m)	CW	(AB)
M23	9-5	0759	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	9-5	1134	5345	Tue	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	9-5	1229	5345	Tue	541 541 541 (R 12m)	CW	(AB)
M23	9-5	1259	5345	Tue	Hourly beep	CW	(AB)
M23	9-5	1404	5345	Tue	SET SET SET (R 30m)	CW	(AB)
M23	9-5	1659	5345	Tue	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	10-5	1134	5345	Wed	591 591 591 (R 12m)	CW	(AB)
M23	10-5	1404	5345	Wed	SET SET SET (R 30m)	CW	(AB/MPJ)
M23	10-5	1659	5345	Wed	591 591 591 (R 12m)	CW	(AB/MPJ)
M23	11-5	0759	5345	Thu	Hourly beep	CW	(AB)
M23	11-5	1404	5345	Thu	SET SET SET (R 30m)	CW	(AB)
M23	11-5	1659	5345	Thu	Hourly beep	CW	(AB)
M23	12-5	1159	5345	Fri	Hourly beep	CW	(AB)
M23	12-5	1404	5345	Fri	SET SET SET (R 30m)	CW	(AB)
M23	14-5	1404	5345	Sun	SET SET SET (R 30m)	CW	(AB)
M23	14-5	1404	5345	Sun	SET SET SET (R 30m)	CW	(AB)

M42	22-5	0923	14686	Mon	Russian diplo	Serdolik v2	(RO)
M42	22-5	0941	14686	Mon	Russian diplo	Serdolik v2	(RO)
M42	23-5	0841	14941	Tue	Russian diplo	MFSK-66	(RO)
M42	25-5	1315	16156	Thu	MFA Moscow wkg Russian embassy Havana with 5FGs back and forth	FSK 50/500	(DW-MD)
M42	25-5	1315	18276	Thu	Russian Embassy Havana wkg Russian MFA Moscow with 5FGs back and forth	FSK 50/500	(DW-MD)
M76	9-5	1650	10858	Tue	HKU2 HKU2 HKU2 DE 17LÄ 17LÄ QTC 408 35 = 26310 15074 92080 ... 50901 5XXXX NNNNN = followed by 12 messages	CW	(WN)
M76	10-5	0400	10858	Wed	HKU2 HKU2 HKU2 DE 17LÄ 17LÄ QTC 408 35 = 26310 00584 92080 ... 79155 02914 NNNNN = followed by 8 messages	CW	(AB)
M76	10-5	1650	10858	Wed	HKU2 HKU2 HKU2 DE 17LÄ 17LÄ QTC 409 28 = 26310 15084 92080 ... 49991 5015X NNNNN = followed by several messages	CW	(AB-D)
M76	11-5	0400	10858	Thu	8JPF 8JPF 8JPF DE BK4Q BK4Q QTC 410 32 = 26310 05094 92080 ... 91601 5XXXX NNNNN = followed by several messages	CW	(AB)
M76	11-5	1650	10858	Thu	8JPF 8JPF 8JPF DE BK4Q BK4Q QTC 410 27 = 26310 15094 92080 ... 49991 6015X NNNNN =	CW	(AB)
M76	12-5	0400	10858	Fri	2RDS 2RDS 2RDS DE TJ2A TJ2A QTC 412 29 = 26310 05104 92080 ... 50691 6015X NNNNN = followed by several messages	CW	(AB)
M76	12-5	1650	10858	Fri	2RDS 2RDS 2RDS DE TJ2A TJ2A QTC 412 31 = 26310 15104 92080 ... 49891 6015X NNNNN = followed by messages	CW	(AB)
M89	8-5	1120	4860	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	8-5	1120	6840	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	8-5	1122	3565	Mon	V BSA5 (x3) DE TP4C (x2)//4718	CW	(JPL)
M89	8-5	1122	4718	Mon	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	8-5	1130	4720	Mon	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	17-5	1826	3565	Wed	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	17-5	1826	4718	Wed	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	17-5	1830	4720	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	17-5	1830	4726	Wed	V QPL(x3) DE 4WQ (x2) (R5) QSA ? K	CW	(JPL)
M89	17-5	1830	5150	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	26-5	1534	3565	Fri	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	26-5	1534	4718	Fri	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	26-5	1537	4398	Fri	i.p. 3A37 5637 TDNA U544 ...	CW	(JPL)
M95	8-5	1114	5651	Mon	V XP5B (x3) DE S2DJ (x2) //12039	CW	(JPL)
M95	8-5	1114	12039	Mon	V XP5B (x3) DE S2DJ (x2) //5651	CW	(JPL)
M95	8-5	1138	4364	Mon	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY //8073	CW	(JPL)
M95	8-5	1138	8073	Mon	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY //4364	CW	(JPL)
M95	8-5	1148	4243	Mon	VVV HR 7G TO YR PSE CY NR 059 CK 26 35 0508 1522 = //9054	CW	(JPL)
M95	8-5	1148	9054	Mon	VVV HR 7G TO YR PSE CY NR 059 CK 26 35 0508 1522 = //4243	CW	(JPL)
M95	17-5	1751	4178	Wed	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	17-5	1751	6166	Wed	i.p. R GA MSG NR 1.9/CCK CK 81 63 0518 0200 RMKS 3782 TO 9537 =	CW	(JPL)
M95	17-5	1751	7517	Wed	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	26-5	1530	4178	Fri	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	26-5	1530	7517	Fri	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)

MX	3-5	1226	20047.7	Wed	Beacon D, Sevastopol	CW	(MPJ)
MX	3-5	1226	20048	Wed	Beacon C, Moscow	CW	(MPJ)
MX	5-5	1205	16331.9	Fri	Beacon S, Severomorsk	CW	(MPJ)
MX	5-5	1205	20047.7	Fri	Beacon D, MX Beacon Sevastopol	CW	(MPJ)
MX	5-5	1205	20048	Fri	Beacon C, Moscow	CW	(MPJ)
MX	13-5	2055	5007	Sat	Beacon V	CW	(F4LKC)
MX	14-5	1947	5007	Sun	Beacon V	CW	(AB)
MX	21-5	1912	5007	Sun	Beacon V	CW	(AB)
N76	20-5	1650	10858	Sat	BL3O BLL3O BL3O DE NOET NOET QTC 466 27 = 26310 15184 92080 ... 49801 5XXXX NNNNN =	CW	(WN)
P03	4-5	0615	10125	Thu	Polish intel.	PSK	(AB)
P03	4-5	0620	10125	Thu	Polish intel.	PSK	(AB)
P03	9-5	0615	10125	Tue	Polish intel.	PSK	(AB)
P03	9-5	0620	10125	Tue	Polish intel.	PSK	(AB)
P03	11-5	0615	10125	Thu	Polish intel.	PSK	(AB)
P03	11-5	0620	10125	Thu	Polish intel.	PSK	(AB)
P03	11-5	0720	12067	Thu	Polish intel.	PSK	(AB)
P03	11-5	0725	12067	Thu	Polish intel.	PSK	(AB)
P03	16-5	0615	10125	Tue	Polish intel.	PSK	(AB)
P03	16-5	0620	10125	Tue	Polish intel.	PSK	(AB)
P03	16-5	0720	12067	Tue	Polish intel.	PSK	(AB)
P03	16-5	0725	12067	Tue	Polish intel.	PSK	(AB)
P03	18-5	0615	10125	Thu	Polish intel.	PSK	(AB)
P03	18-5	0620	10125	Thu	Polish intel.	PSK	(AB)
P03	18-5	0720	12067	Thu	Polish intel.	PSK	(AB)
P03	18-5	0725	12067	Thu	Polish intel.	PSK	(AB)
P03	25-5	0615	10125	Thu	Polish intel.	PSK	(PY)
P03	25-5	0720	12067	Thu	Polish intel.	PSK	(PY)
P03	25-5	0726	12067	Thu	Polish intel. (not 0725z)	PSK	(PY)
P03	30-5	0615	10125	Tue	Polish intel.	PSK	(PY)
P03e	2-5	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	2-5	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7-5	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	7-5	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	7-5	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	7-5	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	9-5	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	9-5	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	12-5	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	12-5	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14-5	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	14-5	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	14-5	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)

P03e	14-5	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	16-5	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	16-5	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	19-5	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	19-5	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	21-5	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	21-5	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	23-5	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	23-5	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	26-5	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(PY)
P03e	28-5	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	28-5	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03f	1-5	0530	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
P03f	1-5	0535	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
P03f	8-5	0530	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
P03f	8-5	0535	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
P03f	10-5	0530	13537	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
P03f	10-5	0535	13537	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
P03f	15-5	0530	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
P03f	15-5	0535	13537	Mon	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
P03f	17-5	0530	13537	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
P03f	17-5	0535	13537	Wed	Polish intel.	QPSK 200Bd/496bp	(AB-POL)
P03j	1-5	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	1-5	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	3-5	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	3-5	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	3-5	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	3-5	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	5-5	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	5-5	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	8-5	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	8-5	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	10-5	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	10-5	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	10-5	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	10-5	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	12-5	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL/MPJ)
P03j	12-5	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL/MPJ)
P03j	15-5	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	15-5	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17-5	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17-5	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)

P03j	17-5	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	17-5	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	19-5	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	19-5	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	22-5	0630	17535	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(PY)
P03j	26-5	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	26-5	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	30-5	1100	6433	Tue	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	30-5	1105	6433	Tue	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	31-5	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(PY)
P03j	31-5	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	31-5	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03k	1-5	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-5	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-5	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-5	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-5	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	3-5	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	3-5	1800	4242	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	3-5	1805	4242	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5-5	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-5	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-5	1100	8530	Fri	Polish intel. (late start: 11:04:50)	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	5-5	1105	8530	Fri	Polish intel. (late start: 11:06:02)	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	6-5	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-5	0635	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-5	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-5	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-5	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-5	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-5	1800	4242	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6-5	1805	4242	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-5	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-5	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-5	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-5	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-5	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-5	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-5	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-5	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-5	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	7-5	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-5	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-5	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-5	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-5	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10-5	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10-5	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10-5	1800	4242	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-5	1805	4242	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-5	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-5	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-5	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	12-5	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	13-5	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-5	0635	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-5	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-5	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-5	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-5	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-5	1800	4242	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-5	1805	4242	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-5	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-5	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-5	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-5	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-5	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-5	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-5	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-5	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-5	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-5	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-5	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-5	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-5	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-5	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-5	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-5	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-5	1800	4242	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-5	1805	4242	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-5	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-5	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-5	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB-POL)

P03k	19-5	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	20-5	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ/PY)
P03k	20-5	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	20-5	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	20-5	1800	4242	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	20-5	1805	4242	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	21-5	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(PY)
P03k	21-5	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(PY)
P03k	21-5	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	21-5	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	23-5	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	23-5	1240	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	26-5	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(MPJ-HOL)
P03k	26-5	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(MPJ-HOL)
P03k	27-5	1200	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ-HOL)
P03k	27-5	1205	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ-HOL)
P03k	27-5	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	27-5	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	27-5	1800	4242	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ-HOL)
P03k	27-5	1800	4242	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ-HOL)
P03k	28-5	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(PY)
P03k	28-5	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	28-5	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	30-5	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(PY)
P03k	31-5	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	31-5	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	31-5	1800	4242	Wed	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	31-5	1805	4242	Wed	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03I	1-5	1200	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	1-5	1205	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	3-5	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	3-5	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4-5	1200	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	4-5	1205	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	5-5	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5-5	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	6-5	1200	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	6-5	1205	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	6-5	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	6-5	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	7-5	1200	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	7-5	1205	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL)

P03I	7-5	1245	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7-5	1250	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8-5	1200	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	8-5	1205	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	10-5	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	10-5	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	11-5	1200	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	11-5	1205	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	12-5	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	12-5	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	13-5	1200	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	13-5	1205	5409	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	13-5	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	13-5	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	14-5	1200	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	14-5	1205	5409	Sun	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	14-5	1245	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	14-5	1250	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	15-5	1200	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	15-5	1205	5409	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	17-5	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	17-5	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	18-5	1200	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	18-5	1205	5409	Thu	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
P03I	19-5	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	19-5	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	23-5	1105	6433	Tue	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	23-5	1110	6433	Tue	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	26-5	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	26-5	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	27-5	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	27-5	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	28-5	1245	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	28-5	1250	5082	Sun	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	31-5	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P03I	31-5	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(MPJ)
P07	7-5	1400	9067	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	7-5	1410	8137	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	7-5	1420	7704	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	7-5	1430	6828	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	10-5	1400	9067	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	10-5	1410	8137	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)

P07	10-5	1420	7704	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	10-5	1430	6828	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	10-5	1440	6794	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	10-5	1450	5774	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-5	1400	9067	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-5	1410	8137	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-5	1420	7704	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-5	1430	6828	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-5	1440	6794	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	14-5	1450	5774	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-5	1400	9067	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-5	1410	8137	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-5	1420	7704	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-5	1430	6828	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-5	1440	6794	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	17-5	1450	5774	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-5	1400	9067	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	21-5	1400	9067	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(LuCa)
P07	21-5	1410	8137	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	21-5	1420	7704	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	21-5	1430	6828	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	21-5	1440	6794	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	21-5	1450	5774	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	24-5	1420	7704	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(T101)
P07	28-5	1400	9067	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(MPJ)
P07	28-5	1410	8137	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(FSK1)
P07	28-5	1410	8137	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(MPJ)
P07	28-5	1420	7704	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(MPJ)
P07	28-5	1430	6828	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(MPJ)
P07	28-5	1440	6794	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(MPJ)
P07	28-5	1450	5774	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(MPJ)
P07	31-5	1420	7704	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(PY)
Q26	8-5	1132	4364	Mon	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8-5	1132	8073	Mon	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8-5	1142	4243	Mon	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8-5	1142	9054	Mon	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	24-5	0726	20120	Wed	6W86 6W86 6W86 DE 92X7 92X7 92X7 QSA? /// followed by a message	4+4 QPSK 75/3000 LSB	(EW)
S06	2-5	0400	11616	Tue	480 631 59 81625 ...	USB	(HFD-J)
S06	2-5	0420	9322	Tue	480 631 59 81625 ...	USB	(HFD-J)
S06	3-5	0900	14975	Wed	480 592 40 ... too weak to copy	USB	(AB/HFD)
S06	3-5	1000	12093	Wed	480 592 40 ... too weak to copy	USB	(AB/HFD)

S06	3-5	1500	11073	Wed	352 978 60 27095 70556 17826 ... 28883 09047 14511 978 60 00000 (restarts during the message; sent incomplete message)	USB	(PY)
S06	4-5	1259	9463	Thu	801 369 52 66760 61889 30490 ... 89774 07992 04540 369 52 00000 (restarts during the message)	USB	(PY)
S06	5-5	1900	10286	Fri	637 637 637 00000	USB	(AB/Anon/HFD)
S06	5-5	2000	8037	Fri	637 637 637 00000	USB	(AB/HFD)
S06	10-5	0900	14975	Wed	480 259 40 93414 02570 83139 ... 87173 43262 04309 259 40 00000	USB	(AB-POL)
S06	10-5	1000	12093	Wed	480 259 40 93414 02570 83139 ... 87173 43262 04309 259 40 00000	USB	(AB-POL)
S06	17-5	0900	14975	Wed	480 953 40 49623 44813 70855 ... 05259 79739 54765 953 40 00000	USB	(AB-KWT)
S06	17-5	1000	12093	Wed	480 953 40 49623 44813 70855 ... 05259 79739 54765 953 40 00000	USB	(AB-POL)
S06	19-5	1900	10286	Fri	637 841 60 02497 85372 91171 ... 50155 74251 32660 841 60 00000	USB	(AB)
S06	19-5	2000	8037	Fri	637 841 60 02497 85372 91171 ... 50155 74251 32660 841 60 00000	USB	(AB)
S06	20-5	1900	10286	Sat	637 841 60 02497 85372 91171 ... 50155 74251 32660 841 60 00000	USB	(LuCa)
S06	20-5	2000	8037	Sat	637 841 60 02497 85372 91171 ... 50155 74251 32660 841 60 00000	USB	(LuCa)
S06	22-5	0400	11616	Mon	480 765 59 82256 59462 72165 ... 54534 45565 64728 765 59 00000	USB	(LuCa)
S06	22-5	0420	9322	Mon	480 765 59 82256 59462 72165 ... 54534 45565 64728 765 59 00000	USB	(LuCa)
S06	23-5	0400	11616	Tue	480 965 70 50232 32847 55078 ... 82666 78389 61358 965 70 00000	USB	(LuCa)
S06	23-5	0420	9322	Tue	480 965 70 50232 32847 55078 ... 82666 78389 61358 965 70 00000	USB	(LuCa)
S06	23-5	1300	11073	Tue	352 719 60 14518 71173 85896 ... 07811 10022 32118 719 60 00000	USB	(PY)
S06	24-5	0400	11616	Wed	480 965 70 50232 32847 55078 ... 82666 78389 61358 965 70 00000	USB	(LuCa)
S06	24-5	0420	9322	Wed	480 965 70 50232 32847 55078 ... 82666 78389 61358 965 70 00000	USB	(LuCa)
S06	24-5	0900	14975	Wed	480 963 44 16869...	USB	(PY)
S06	25-5	0400	11616	Thu	480 712 54 31828 77464 68049 ... 80304 80977 84417 712 54 00000	USB	(LuCa)
S06	25-5	0420	9322	Thu	480 712 54 31828 77464 68049 ... 80304 80977 84417 712 54 00000	USB	(LuCa)
S06	26-5	0400	11616	Fri	480 935 61 34811 95372 81653 ... 84610 83613 02621 935 61 00000	USB	(LuCa)
S06	26-5	0420	9322	Fri	480 935 61 34811 95372 81653 ... 84610 83613 02621 935 61 00000	USB	(LuCa)
S06	29-5	0400	11616	Mon	480 761 58 62929 03426 19239 ... 39344 59124 26973 761 58 00000	USB	(LuCa)
S06	29-5	0420	9322	Mon	480 761 58 62929 03426 19239 ... 39344 59124 26973 761 58 00000	USB	(LuCa)
S06	31-5	0400	11616	Wed	480 216 53 36515 47805 58092 ... 58536 59584 95038 216 53 00000	USB	(LuCa)
S06	31-5	0420	9322	Wed	480 216 53 36515 47805 58092 ... 58536 59584 95038 216 53 00000	USB	(LuCa)
S06	31-5	0900	14975	Wed	480 369 45 24926...	USB	(PY)
S06	31-5	1000	12093	Wed	480 369 45 24926...	USB	(PY)
S06	31-5	1005	12093	Wed	i.p. 7644 43254 57916 ... 55941 15903 64313 369 369 45 45 00000	USB	(MPJ-AUT)
S11a	1-5	0445	9968	Mon	797/31 Vnimanaye 71077 36790 83483 ... 42164 09392 97070 Vnimanaye msg rptd) Konets	USB	(AB-POL)
S11a	1-5	0510	13537	Mon	654/00	USB	(AB-POL/HFD)
S11a	1-5	0700	9339	Mon	479/00	USB	(AB/HFD)
S11a	1-5	0915	6814	Mon	480/40 Vnimanaye 90059 35021 69116 ... 47189 16745 19976 Vnimanaye msg rptd) Konets	USB	(AB/HFD)
S11A	2-5	0445	9968	Tue	797/31 Vnimanaye 71077 ...	USB	(HFD)
S11a	2-5	1400	9448	Tue	424/35 Vnimanaye 73260 05549 23407 ... 30676 19936 53868 Vnimanaye msg rptd) Konets	USB	(AB)
S11a	3-5	0510	13537	Wed	652/00	USB	(AB-POL)
S11a	3-5	1850	12457	Wed	285/35 Vnimanaye 68409 22275 02071 ... 83069 98244 79212 Vnimanaye msg rptd) Konets	USB	(AB/HFD)
S11a	4-5	0445	9968	Thu	797/31 Vnimanaye 71077 36790 83483 ... 42164 09392 97070 Vnimanaye msg rptd) Konets	USB	(AB-POL)

S11a	4-5	0700	9339	Thu	472/00	USB	(AB)
S11a	5-5	0915	6814	Fri	480/40 Vnimanaye 90059 35021 69116 ... 47189 16745 19976 Vnimanaye msg rptd) Konets	USB	(AB-POL)
S11a	5-5	1400	9448	Fri	424/35 Vnimanaye 73260 05549 23407 ... 30676 19936 53868 Vnimanaye msg rptd) Konets	USB	(AB/MPJ-AUT)
S11a	6-5	0830	5149	Sat	378/00	USB	(AB/HFD)
S11a	6-5	1850	12457	Sat	285/35 Vnimanaye 68409 22275 02071 ... 83069 98244 79212 Vnimanaye msg rptd) Konets	USB	(AB)
S11a	7-5	0830	5149	Sun	373/00	USB	(AB)
S11a	8-5	0510	13537	Mon	651/33 Vnimanaye 78123 72811 58152 ... 62301 13854 69131 Vnimanaye msg rptd) Konets	USB	(AB-POL)
S11a	8-5	0700	9339	Mon	471/00	USB	(AB)
S11a	8-5	0915	6814	Mon	484/00	USB	(AB)
S11a	9-5	0445	9968	Tue	798/00	USB	(AB-POL)
S11a	9-5	1400	9448	Tue	429/00	USB	(AB/MPJ)
S11a	10-5	0510	13537	Wed	651/33 Vnimanaye 78123 72811 58152 ... 62301 13854 69131 Vnimanaye msg rptd) Konets	USB	(AB-POL)
S11a	10-5	1850	12457	Wed	281/00	USB	(AB)
S11a	11-5	0445	9968	Thu	797/00	USB	(AB)
S11a	11-5	0700	9339	Thu	470/00	USB	(AB)
S11a	12-5	0915	6814	Fri	487/00	USB	(AB-POL)
S11a	12-5	1400	9448	Fri	422/00	USB	(AB/HFD)
S11a	13-5	0830	5149	Sat	372/00	USB	(AB)
S11a	13-5	1850	12457	Sat	284/00	USB	(AB)
S11a	14-5	0830	5149	Sun	376/00	USB	(AB)
S11a	15-5	0510	13537	Mon	655/00	USB	(AB-POL)
S11a	15-5	0700	9339	Mon	472/00	USB	(AB)
S11a	15-5	0915	6814	Mon	480/00	USB	(AB)
S11a	16-5	0445	9968	Tue	793/00	USB	(AB-POL)
S11a	16-5	1400	9448	Tue	421/00	USB	(AB/MPJ)
S11a	17-5	0510	13537	Wed	651/00	USB	(AB-POL)
S11a	17-5	1850	12457	Wed	286/00	USB	(AB)
S11a	18-5	0445	9968	Thu	797/00	USB	(AB)
S11a	18-5	0700	9339	Thu	471/00	USB	(AB)
S11a	19-5	0915	6814	Fri	486/00	USB	(AB-POL)
S11a	19-5	1400	9448	Fri	427/00	USB	(AB)
S11a	20-5	0830	5149	Sat	373/31 50736 ...	USB	(PY)
S11a	20-5	1850	12457	Sat	282/00	USB	(PY)
S11a	21-5	0830	5149	Sun	373/31 50736...	USB	(PY)
S11a	22-5	0700	9339	Mon	478/31	USB	(PY)
S11a	22-5	0915	6814	Mon	487/00	USB	(PY)
S11a	23-5	1400	9448	Tue	429/00	USB	(MPJ)
S11a	24-5	1850	12457	Wed	282/00	USB	(Subilo)
S11a	25-5	0700	9339	Thu	478/31	USB	(PY)
S11a	26-5	1400	9448	Fri	421/00	USB	(MPJ)
S11a	26-5	1400	9448	Fri	421/00	USB	(PY)
S11a	27-5	0830	5149	Sat	372/00	USB	(Subilo)

S11a	27-5	1850	12457	Sat	288/00		USB	(Subilo)
S11a	29-5	0510	13537	Mon	656/00		USB	(Subilo)
S11a	29-5	0700	9339	Mon	475/00		USB	(Subilo)
S11a	29-5	0915	6814	Mon	481/00		USB	(Subilo)
S11a	30-5	0445	9968	Tue	799/00		USB	(Subilo)
S11a	30-5	1400	9448	Tue	424/00		USB	(MPJ)
S11a	31-5	1850	12457	Wed	280/00		USB	(AB/MPJ)
S11a	31-5	1850	12457	Wed	280/00		USB	(PY)
S25	12-5	0648	16156	Fri	097 82699 097 93089 94269 94899 11111 00000		USB	(AB/PY)
UM04	1-5	0700	4735	Mon	VVV VVV PROMRCh = 01 05 = 1000 0870 0900 1020 1410 ... 0800 0730 0760 0890 1260 = AR		CW	(AB-HNG)
UM04	2-5	0711	4735	Tue	i.p. 1600 1040 1080 1200 1630 ... 0800 0720 0760 0880 1260 = AR		CW	(AB/Subilo)
UM04	3-5	0700	4735	Wed	VVVVV PROMRCh = 03 05 = 1000 0860 0890 1010 1400 ... 0800 0720 0760 0880 1260 = AR		CW	(AB-ROU)
UM04	4-5	0700	4735	Thu	VVV VVV PROMRCh = 04 05 = 1000 0850 0880 1010 1390 ... 0800 0720 0750 0870 1240 = AR		CW	(AB/Subilo)
UM04	4-5	0700	4735	Thu	VVVVV PROMRCh = 04 05 = 1000 0850 0880 1010 1390 ... 0800 0720 0750 0870 1240 = ABV. Partly unreadable due to deep fading		CW	(AB-ROU)
UM04	5-5	0700	4735	Fri	VVV VVV PROMRCh = 05 05 = 1000 0850 0880 1010 1390 ... 0800 0720 0760 0880 1240 = AR		CW	(AB-ROU)
UM04	6-5	0700	4735	Sat	VVV VVV PROMRCh = 06 05 = 1000 0850 0880 1000 1370 ... 0800 0720 0760 0870 1240 = AR		CW	(AB/Subilo)
UM04	7-5	0700	4735	Sun	VVVVV PROMRCh = 07 05 = 1000 0840 0880 0990 1360 ... 0800 0720 0750 0880 1240 = AR		CW	(AB/Subilo)
UM04	8-5	0700	4735	Mon	VVVVV PROMRCh = 0805 = 1000 0840 0880 0990 1360 ... 0800 0720 0750 0880 1240 = AR		CW	(AB-HNG)
UM04	9-5	0700	4735	Tue	VVV VVV PROMRCh = 09 05 = 1000 0840 0870 0990 1350 ... 0800 0720 0760 0880 1240 = AR		CW	(AB-HNG)
UM04	10-5	0700	4735	Wed	VVV VVV PROMRCh = 10 05 = 1000 0850 0880 0990 1360 ... 0800 0740 0770 0890 1250 = AR		CW	(AB-ROU)
UM04	11-5	0700	4735	Thu	VVVVV PROMRCh = 1105 = 1000 0840 0870 0980 1340 ... 0800 0730 0760 0880 1240 AR		CW	(AB/Subilo)
UM04	12-5	0700	4735	Fri	VVVVV PROMRCh = 12 05 = 1000 0830 0860 0970 1330 ... 0800 0720 0750 0870 1230 = AR		CW	(AB-ROU)
UM04	13-5	0700	4735	Sat	VVVVV PROMRCh = 1305 = 1000 0830 0860 0970 1320 ... 0800 0730 0760 0880 1230 = AR		CW	(AB-HNG)
UM04	14-5	0701	4735	Sun	VVV VVV PROMRCh = 15 05 = 1000 0830 0850 0960 1320 ... 0800 0730 0770 0880 1240 = AR		CW	(AB-HNG)
UM04	15-5	0700	4735	Mon	VVV VVV PROMRCh = 15 05 = 1000 0830 0860 0970 1320 ... 0800 0740 0780 0890 1240 = AR		CW	(AB-HNG)
UM04	16-5	0701	4735	Tue	VVV VVV PROMRCh = 16 05 = 1000 0840 0870 0970 1330 ... 0800 0760 0790 0900 1260 = AR		CW	(AB-HNG)
UM04	17-5	0700	4735	Wed	VVV VVV PROMRCh = 17 05 = 1000 0840 0870 0980 1330 ... 0800 0770 0800 0910 1270 = AR		CW	(AB-ROU)
UM04	18-5	0700	4735	Thu	VVV VVV PROMRCh = 18 05 = 1000 0840 0870 0980 1330 ... 0800 0770 0800 0920 1270 = AR		CW	(AB/Subilo)
UM04	19-5	0700	4735	Fri	VVV VVV PROMRCh = 19 05 = 1000 0840 0870 0980 1320 ... 0800 0780 0810 0930 1280 = AR		CW	(AB/Subilo)
UM04	21-5	0700	4735	Sun	VVV VVV PROMRCh = 21 05 = 1000 0860 0880 0990 1330 ... 0800 0800 0830 0940 1300 = AR		CW	(AB/Subilo)
UM04	23-5	0700	4735	Tue	VVVVV PROMRCh = 2305 = 1000 0850 0880 0980 1320 ... 0800 0800 0830 0940 1300 = AR		CW	(AB/Subilo)
UM04	25-5	0700	4735	Thu	VVV VVV PROMRCh = 25 05 = 1000 0840 0870 0970 1320 ... 0800 0790 0820 0930 1290 = AR		CW	(AB/Subilo)
UM04	26-5	0700	4735	Fri	VVVVV PROMRCh = 26 05 = 1000 0840 0870 0970 1310 ... 0800 0790 0820 0930 1280 = AR		CW	(AB/Subilo)
UM04	27-5	0700	4735	Sat	VVVVV PROMRCh = 27 05 = 1000 0820 0850 0960 1300 ... 0800 0770 0800 0910 1270 = AR		CW	(AB/Subilo)
UM04	29-5	0700	4735	Mon	VVVVV PROMRCh = 29 05 = 1000 0810 0840 0940 1300 ... 0800 0760 0790 0910 1250 = AR		CW	(AB/Subilo)
UM04	30-5	0700	4735	Tue	VVV VVV PROMRCh = 30 05 = 1000 0810 0840 0940 1300 ... 0800 0770 0800 0910 1260 = AR		CW	(AB/Subilo)
UM04	31-5	0700	4735	Wed	VVV VVV PROMRCh = 31 05 = 1000 0810 0830 0940 1300 ... 0800 0770 0800 0910 1270 = AR		CW	(AB/Subilo)
V07	7-5	0700	14469	Sun	431 431 431 1 6636 58 ...		USB	(Token)
V07	7-5	0720	13369	Sun	431 431 431 1 6636 58 ...		USB	(Token)
V07	7-5	0740	12169	Sun	431 431 431 1 6636 58 ...		USB	(Token)
V07	14-5	0700	14469	Sun	431 431 431 1 8099 62 8099 62 56729 49461 22771 ... 87450 66590 77025 000 000		USB	(AB-J/Dan/HFD-USA)

V07	14-5	0720	13369	Sun	431 431 431 1 8099 62 8099 62 56729 49461 22771 ... 87450 66590 77025 000 000	USB	(AB-J/HFD-USA)
V07	14-5	0740	12169	Sun	431 431 431 1 8099 62 8099 62 56729 49461 22771 ... 87450 66590 77025 000 000	USB	(AB-J/HFD-USA)
V07	21-5	0700	14469	Sun	431 431 431 1 1106 84 1106 84 69563 95744 04696 ... 07159 04249 55762 000 000	USB	(Dan)
V07	21-5	0720	13369	Sun	431 431 431 1 1106 84 1106 84 69563 95744 04696 ... 07159 04249 55762 000 000	USB	(PY)
V07	21-5	0740	12169	Sun	431 431 431 1 1106 84 1106 84 69563 95744 04696 ... 07159 04249 55762 000 000	USB	(PY)
V07	28-5	0700	14469	Sun	431 431 431 1 657 112 657 112 70597 95534 99296 ... 54829 10585 68901 000 000	USB	(Dan/PY)
V07	28-5	0720	13369	Sun	431 431 431 1 657 112 657 112 70597 95534 99296 ... 54829 10585 68901 000 000	USB	(PY)
V07	28-5	0740	12169	Sun	431 431 431 1 657 112 657 112 70597 95534 99296 ... 54829 10585 68901 000 000	USB	(PY)
V13	9-5	1300	7688	Tue	New Star broadcasting	AM	(AB-TWN)
V13	9-5	1300	11430	Tue	New Star broadcasting	AM	(AB-TWN)
V13	18-5	1200	9276	Thu	New Star broadcasting	AM	(AB-TWN)
V13	18-5	1200	13974	Thu	New Star broadcasting	AM	(AB-TWN)
V13	18-5	1300	7688	Thu	New Star broadcasting	AM	(AB-TWN)
V13	18-5	1300	11430	Thu	New Star broadcasting	AM	(AB-TWN)
V13	19-5	1200	13974	Fri	New Star broadcasting	AM	(AB-TWN)
V13	19-5	1201	9276	Fri	New Star broadcasting	AM	(AB-TWN)
V13	22-5	0200	8169	Mon	New Star Broadcasting	AM	(Subilo)
V13	22-5	0300	11430	Mon	New Star Broadcasting,	AM	(Subilo)
V13	24-5	0000	15250	Wed	New Star Broadcasting	AM	(PY)
V13	24-5	0000	15890	Wed	New Star Broadcasting	AM	(PY)
V13	25-5	0300	11430	Thu	New Star Broadcasting	AM	(Subilo)
V13	25-5	0330	11430	Thu	New Star Broadcasting	AM	(Subilo)
V13	29-5	0200	8169	Mon	New Star Broadcasting	AM	(Subilo/Pigmon)
V13	29-5	0230	8169	Mon	New Star Broadcasting	AM	(Subilo/Pigmon)
V13	29-5	0300	8169	Mon	New Star Broadcasting	AM	(Subilo/Pigmon)
V13	29-5	0330	8169	Mon	New Star Broadcasting	AM	(Subilo/Pigmon)
V13	30-5	0200	8169	Tue	New Star Broadcasting	AM	(Subilo)
V13	30-5	0230	8169	Tue	New Star Broadcasting	AM	(Subilo)
V13	30-5	0300	11430	Tue	New Star Broadcasting	AM	(Subilo)
V13	30-5	0330	11430	Tue	New Star Broadcasting	AM	(Subilo)
V26	8-5	1130	4364	Mon	XSV85: callup in Chinese voice. Female operator //8073	USB	(JPL)
V26	8-5	1130	8073	Mon	XSV85: callup in Chinese voice. Female operator //4364	USB	(JPL)
X06	2-5	0800	13411	Tue	MFA Moscow clg 165423: Russian embassy Brussels	MFSK-6	(AB/RO)
X06	2-5	0818	15989	Tue	MFA Moscow clg 125643: Russian embassy Ulaanbataar	MFSK-6	(AB/RO)
X06	2-5	0827	14358	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB/RO)
X06	2-5	1156	18523	Tue	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(RO)
X06	2-5	1700	17421	Tue	MFA Moscow clg 246531: Russian embassy Accra	MFSK-6	(AB)
X06	4-5	0724	21825	Thu	MFA Moscow clg 314265: Russian embassy Antananarivo	MFSK-6	(RO)
X06	4-5	0822	17534	Thu	MFA Moscow clg 351264: Russian embassy Abu Dhabi	MFSK-6	(RO)
X06	4-5	0940	18197	Thu	MFA Moscow clg 645321: MFA Moscow clg Russian Consulate General Ho Chi Minh City	MFSK-6	(RO)
X06	10-5	0737	18591	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(RO)
X06	10-5	0744	11483	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(RO)

X06	10-5	0754	14655	Wed	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(RO)
X06	10-5	0808	13419	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(AB/RO)
X06	10-5	0830	11153	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(RO)
X06	11-5	0809	14812	Thu	MFA Moscow clg 263145: Russian embassy Prague	MFSK-6	(AB)
X06	11-5	0819	16153	Thu	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(AB/RO)
X06	11-5	0828	16087	Thu	MFA Moscow clg 263145: Russian embassy Prague	MFSK-6	(AB/RO)
X06	14-5	1035	14414	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(Moon)
X06	15-5	0659	12122	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(AB)
X06	15-5	0911	20675	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(RO)
X06	16-5	0801	15989	Tue	MFA Moscow clg 125643: Russian embassy Ulaanbataar	MFSK-6	(AB/Phi)
X06	16-5	0830	12149	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB/RO)
X06	16-5	0838	15687	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(RO)
X06	16-5	1143	16188	Tue	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(RO)
X06	17-5	1118	13979	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(Moon)
X06	18-5	0742	19405	Thu	MFA Moscow clg 352416: Russian embassy Dar es Salaam	MFSK-6	(RO)
X06	18-5	0743	18575	Thu	MFA Moscow clg 352416: Russian embassy Dar es Salaam	MFSK-6	(RO)
X06	19-5	1034	18575	Fri	MFA Moscow clg 352416: Russian embassy Dar es Salaam	MFSK-6	(AB)
X06	22-5	0819	17475	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(Moon)
X06	22-5	0846	17475	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(Moon)
X06	22-5	0935	19235	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(Moon)
X06	22-5	1003	16117	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(RO)
X06	22-5	1243	11492	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(RO)
X06	22-5	1252	11492	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(RO)
X06	24-5	0739	13369	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(RO)
XPA1	3-5	1210	13419	Wed	424 424 424 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB/HFD)
XPA1	3-5	1230	12219	Wed	424 424 424 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB/HFD)
XPA1	3-5	1250	11419	Wed	424 424 424 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB/HFD)
XPA1	5-5	1210	13419	Fri	424 424 424 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB)
XPA1	5-5	1230	12219	Fri	424 424 424 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB)
XPA1	5-5	1250	11419	Fri	424 424 424 1 03060 00188 43677 ... 30068 49455 45237	MFSK-20/10Bd	(AB)
XPA1	10-5	1210	13419	Wed	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB)
XPA1	10-5	1230	12219	Wed	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB/MPJ)
XPA1	10-5	1250	11419	Wed	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB/MPJ)
XPA1	12-5	1210	13419	Fri	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB)
XPA1	12-5	1230	12219	Fri	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB)
XPA1	12-5	1250	11419	Fri	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB)
XPA1	17-5	1210	13419	Wed	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB)
XPA1	17-5	1230	12219	Wed	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB)
XPA1	17-5	1250	11419	Wed	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB)
XPA1	19-5	1210	13419	Fri	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB)
XPA1	19-5	1230	12219	Fri	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB)
XPA1	19-5	1250	11419	Fri	424 424 424 1 00444 00106 05174 ... 19500 37398 07133	MFSK-20/10Bd	(AB)

XPA1	24-5	1210	13419	Wed	424 424 424 1 00221 00098 96380 ... 01055 77059 35510	MFSK-20/10Bd	(PY)
XPA1	24-5	1250	11419	Wed	424 424 424 1 00221 00098 96380 ... 01055 77059 35510	MFSK-20/10Bd	(OWL)
XPA1	26-5	1210	13419	Fri	424 424 424 1 00221 00098 96380 ... 01055 77059 35510	MFSK-20/10Bd/USB	(MPJ)
XPA1	26-5	1210	13419	Fri	424 424 424 1 00221 00098 96380 ... 18866 10626 82680	MFSK-20/10Bd	(PY/Pox)
XPA1	26-5	1230	12219	Fri	424 424 424 1 00221 00098 96380 ... 01055 77059 35510	MFSK-20/10Bd	(AB)
XPA1	26-5	1230	12219	Fri	424 424 424 1 00221 00098 96380 ... 01055 77059 35510	MFSK-20/10Bd/USB	(MPJ)
XPA1	26-5	1230	12219	Fri	424 424 424 1 00221 00098 96380 ... 18866 10626 82680	MFSK-20/10Bd	(PY/Pox)
XPA1	26-5	1250	11419	Fri	424 424 424 1 00221 00098 96380 ... 01055 77059 35510	MFSK-20/10Bd/USB	(MPJ)
XPA1	31-5	1210	13419	Wed	424 424 424 1 00221 00098 96380 ... 01055 77059 35510	MFSK-20/10Bd	(AB/PY)
XPA2	1-5	0700	12148	Mon	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB/HFD)
XPA2	1-5	0720	13448	Mon	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB/HFD)
XPA2	1-5	0740	13948	Mon	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB/HFD)
XPA2	1-5	0910	17431	Mon	05611 00001 00000 34656	MFSK-16/20Bd	(AB/HFD)
XPA2	1-5	0930	15841	Mon	05611 00001 00000 34656	MFSK-16/20Bd	(AB/HFD)
XPA2	1-5	0950	13934	Mon	05611 00001 00000 34656	MFSK-16/20Bd	(AB/HFD)
XPA2	1-5	1500	15938	Mon	01919 00001 00000 42252	MFSK-16/20Bd	(AB/HFD)
XPA2	1-5	1520	14538	Mon	01919 00001 00000 42252	MFSK-16/20Bd	(AB/HFD)
XPA2	1-5	1540	13438	Mon	01919 00001 00000 42252	MFSK-16/20Bd	(AB/HFD)
XPA2	2-5	0500	11168	Tue	04486 00001 00000 36264	MFSK-16/20Bd	(AB)
XPA2	2-5	0520	12168	Tue	04486 00001 00000 36264	MFSK-16/20Bd	(AB)
XPA2	2-5	0540	13368	Tue	04486 00001 00000 36264	MFSK-16/20Bd	(AB)
XPA2	2-5	1100	16159	Tue	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-5	1120	14359	Tue	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-5	1140	13459	Tue	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-5	1600	13538	Tue	02052 00001 00000 32257	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-5	1620	14438	Tue	02052 00001 00000 32257	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-5	1640	14938	Tue	02052 00001 00000 32257	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-5	2100	13376	Tue	04338 00100 36777 ... 62415 29154 04151	MFSK-16/20Bd	(AB/HFD)
XPA2	2-5	2120	11576	Tue	04338 00100 36777 ... 62415 29154 04151	MFSK-16/20Bd	(AB/HFD)
XPA2	2-5	2140	10776	Tue	04338 00100 36777 ... 62415 29154 04151	MFSK-16/20Bd	(AB/HFD)
XPA2	3-5	0700	12148	Wed	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB)
XPA2	3-5	0720	13448	Wed	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB)
XPA2	3-5	0740	13948	Wed	05902 00218 61069 ... 71106 82046 17774	MFSK-16/20Bd	(AB)
XPA2	3-5	0910	17431	Wed	06928 00001 00000 41660	MFSK-16/20Bd	(AB)
XPA2	3-5	0930	15841	Wed	06928 00001 00000 41660	MFSK-16/20Bd	(AB)
XPA2	3-5	0950	13934	Wed	06928 00001 00000 41660	MFSK-16/20Bd	(AB)
XPA2	3-5	1100	16147	Wed	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	3-5	1120	15847	Wed	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	3-5	1140	14747	Wed	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	4-5	0500	11168	Thu	04603 00001 00000 35654	MFSK-16/20Bd	(AB/HFD)
XPA2	4-5	0520	12168	Thu	04603 00001 00000 35654	MFSK-16/20Bd	(AB/HFD)
XPA2	4-5	0540	13368	Thu	04603 00001 00000 35654	MFSK-16/20Bd	(AB/HFD)

XPA2	4-5	0910	12194	Thu	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB/MPJ)
XPA2	4-5	0930	13994	Thu	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB/MPJ)
XPA2	4-5	0950	12194	Thu	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB/MPJ)
XPA2	4-5	1100	16147	Thu	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	4-5	1120	15847	Thu	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	4-5	1140	14747	Thu	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	4-5	1600	13538	Thu	03194 00001 00000 33664	MFSK-16/20Bd	(AB)
XPA2	4-5	1620	14438	Thu	03194 00001 00000 33664	MFSK-16/20Bd	(AB)
XPA2	4-5	1640	14938	Thu	03194 00001 00000 33664	MFSK-16/20Bd	(AB)
XPA2	5-5	1100	16159	Fri	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB)
XPA2	5-5	1120	14359	Fri	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB)
XPA2	5-5	1140	13459	Fri	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB)
XPA2	6-5	0910	14794	Sat	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB)
XPA2	6-5	0930	13994	Sat	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB)
XPA2	6-5	0950	12194	Sat	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB)
XPA2	6-5	1500	15938	Sat	06176 00001 00000 34665	MFSK-16/20Bd	(AB)
XPA2	6-5	1520	14538	Sat	06176 00001 00000 34665	MFSK-16/20Bd	(AB)
XPA2	6-5	1540	13438	Sat	06176 00001 00000 34665	MFSK-16/20Bd	(AB)
XPA2	7-5	0800	13942	Sun	05515 00001 00000 36256	MFSK-16/20Bd	(AB)
XPA2	7-5	0820	14942	Sun	05515 00001 00000 36256	MFSK-16/20Bd	(AB)
XPA2	7-5	0840	15942	Sun	05515 00001 00000 36256	MFSK-16/20Bd	(AB)
XPA2	7-5	2100	13376	Sun	04338 00100 36777 ... 62415 29154 04151	MFSK-16/20Bd	(AB)
XPA2	7-5	2120	11576	Sun	04338 00100 36777 ... 62415 29154 04151	MFSK-16/20Bd	(AB)
XPA2	7-5	2140	10776	Sun	04338 00100 36777 ... 62415 29154 04151	MFSK-16/20Bd	(AB)
XPA2	8-5	0700	12148	Mon	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)
XPA2	8-5	0720	13448	Mon	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)
XPA2	8-5	0740	13948	Mon	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)
XPA2	8-5	0910	17431	Mon	09002 00001 00000 32161	MFSK-16/20Bd	(AB)
XPA2	8-5	0930	15841	Mon	09002 00001 00000 32161	MFSK-16/20Bd	(AB)
XPA2	8-5	0950	13934	Mon	09002 00001 00000 32161	MFSK-16/20Bd	(AB)
XPA2	8-5	1500	15938	Mon	00367 00286 54533 ... 29808 29840 60270	MFSK-16/20Bd	(AB)
XPA2	8-5	1520	14538	Mon	00367 00286 54533 ... 29808 29840 60270	MFSK-16/20Bd	(AB)
XPA2	8-5	1540	13438	Mon	00367 00286 54533 ... 29808 29840 60270	MFSK-16/20Bd	(AB)
XPA2	9-5	0500	11168	Tue	00431 00038 84880 ... 00951 65391 33276	MFSK-16/20Bd	(AB)
XPA2	9-5	0520	12168	Tue	00431 00038 84880 ... 00951 65391 33276	MFSK-16/20Bd	(AB)
XPA2	9-5	0540	13368	Tue	00431 00038 84880 ... 00951 65391 33276	MFSK-16/20Bd	(AB)
XPA2	9-5	1100	16159	Tue	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-5	1120	14359	Tue	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-5	1140	13459	Tue	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-5	1600	13538	Tue	00570 00297 32985 ... 70629 80123 25737	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-5	1620	14438	Tue	00570 00297 32985 ... 70629 80123 25737	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-5	1640	14938	Tue	00570 00297 32985 ... 70629 80123 25737	MFSK-16/20Bd	(AB/MPJ)

XPA2	9-5	2100	13376	Tue	09658 00001 00000 40266	MFSK-16/20Bd	(AB/RL)
XPA2	9-5	2120	11576	Tue	09658 00001 00000 40266	MFSK-16/20Bd	(AB/RL)
XPA2	9-5	2140	10776	Tue	09658 00001 00000 40266	MFSK-16/20Bd	(AB/RL)
XPA2	10-5	0700	12148	Wed	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)
XPA2	10-5	0720	13448	Wed	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)
XPA2	10-5	0740	13948	Wed	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)
XPA2	10-5	0910	17431	Wed	07037 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	10-5	0930	15841	Wed	07037 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	10-5	0950	13934	Wed	07037 00001 00000 34662	MFSK-16/20Bd	(AB)
XPA2	10-5	1100	16147	Wed	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	10-5	1120	15847	Wed	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	10-5	1140	14747	Wed	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	11-5	0500	11168	Thu	00431 00038 84880 ... 00951 65391 33276	MFSK-16/20Bd	(AB)
XPA2	11-5	0520	12168	Thu	00431 00038 84880 ... 00951 65391 33276	MFSK-16/20Bd	(AB)
XPA2	11-5	0540	13368	Thu	00431 00038 84880 ... 00951 65391 33276	MFSK-16/20Bd	(AB)
XPA2	11-5	0910	12194	Thu	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB)
XPA2	11-5	0930	13994	Thu	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB)
XPA2	11-5	0950	12194	Thu	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB)
XPA2	11-5	1100	16147	Thu	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	11-5	1120	15847	Thu	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	11-5	1140	14747	Thu	07273 00118 47470 ... 43468 12282 44601	MFSK-16/20Bd	(AB)
XPA2	11-5	1600	13538	Thu	00570 00297 32985 ... 70629 80123 25737	MFSK-16/20Bd	(AB)
XPA2	11-5	1620	14438	Thu	00570 00297 32985 ... 70629 80123 25737	MFSK-16/20Bd	(AB)
XPA2	11-5	1640	14938	Thu	00570 00297 32985 ... 70629 80123 25737	MFSK-16/20Bd	(AB)
XPA2	12-5	1100	16159	Fri	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB)
XPA2	12-5	1120	14359	Fri	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB)
XPA2	12-5	1140	13459	Fri	01584 00062 99405 ... 69072 71786 26020	MFSK-16/20Bd	(AB)
XPA2	13-5	0910	14794	Sat	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB)
XPA2	13-5	0930	13994	Sat	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB)
XPA2	13-5	0950	12194	Sat	00544 00144 73260 ... 00751 22565 45751	MFSK-16/20Bd	(AB)
XPA2	13-5	1500	15938	Sat	00367 00286 54533 ... 29808 29840 60270	MFSK-16/20Bd	(AB)
XPA2	13-5	1520	14538	Sat	00367 00286 54533 ... 29808 29840 60270	MFSK-16/20Bd	(AB)
XPA2	13-5	1540	13438	Sat	00367 00286 54533 ... 29808 29840 60270	MFSK-16/20Bd	(AB)
XPA2	14-5	0800	13942	Sun	09649 00001 00000 40665	MFSK-16/20Bd	(AB)
XPA2	14-5	0820	14942	Sun	09649 00001 00000 40665	MFSK-16/20Bd	(AB)
XPA2	14-5	0840	15942	Sun	09649 00001 00000 40665	MFSK-16/20Bd	(AB)
XPA2	14-5	2100	13376	Sun	02816 00001 00000 40253	MFSK-16/20Bd	(AB)
XPA2	14-5	2120	11576	Sun	02816 00001 00000 40253	MFSK-16/20Bd	(AB)
XPA2	14-5	2140	10776	Sun	02816 00001 00000 40253	MFSK-16/20Bd	(AB)
XPA2	15-5	0700	12148	Mon	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)
XPA2	15-5	0720	13448	Mon	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)
XPA2	15-5	0740	13948	Mon	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)

XPA2	15-5	0910	17431	Mon	07032 00056 45813 ... 45217 23277 52711	MFSK-16/20Bd	(AB)
XPA2	15-5	0930	15841	Mon	07032 00056 45813 ... 45217 23277 52711	MFSK-16/20Bd	(AB)
XPA2	15-5	0950	13934	Mon	07032 00056 45813 ... 45217 23277 52711	MFSK-16/20Bd	(AB)
XPA2	15-5	1500	15938	Mon	07739 00001 00000 41262	MFSK-16/20Bd	(AB)
XPA2	15-5	1520	14538	Mon	07739 00001 00000 41262	MFSK-16/20Bd	(AB)
XPA2	15-5	1540	13438	Mon	07739 00001 00000 41262	MFSK-16/20Bd	(AB)
XPA2	16-5	0500	11168	Tue	08682 00001 00000 35270	MFSK-16/20Bd	(AB)
XPA2	16-5	0520	12168	Tue	08682 00001 00000 35270	MFSK-16/20Bd	(AB)
XPA2	16-5	0540	13368	Tue	08682 00001 00000 35270	MFSK-16/20Bd	(AB)
XPA2	16-5	1100	16159	Tue	03756 00001 00000 37660	MFSK-16/20Bd	(AB)
XPA2	16-5	1120	14359	Tue	03756 00001 00000 37660	MFSK-16/20Bd	(AB)
XPA2	16-5	1140	13459	Tue	03756 00001 00000 37660	MFSK-16/20Bd	(AB)
XPA2	16-5	1600	13538	Tue	09004 00001 00000 33261	MFSK-16/20Bd	(AB)
XPA2	16-5	1620	14438	Tue	09004 00001 00000 33261	MFSK-16/20Bd	(AB)
XPA2	16-5	1640	14938	Tue	09004 00001 00000 33261	MFSK-16/20Bd	(AB)
XPA2	16-5	2100	13376	Tue	02224 00001 00000 34544	MFSK-16/20Bd	(AB/RL)
XPA2	16-5	2120	11576	Tue	02224 00001 00000 34544	MFSK-16/20Bd	(AB/RL)
XPA2	16-5	2140	10776	Tue	02224 00001 00000 34544	MFSK-16/20Bd	(AB/RL)
XPA2	17-5	0700	12148	Wed	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)
XPA2	17-5	0720	13448	Wed	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)
XPA2	17-5	0740	13948	Wed	09360 00104 26275 ... 06170 19538 03202	MFSK-16/20Bd	(AB)
XPA2	17-5	0910	17431	Wed	07032 00056 45813 ... 45217 23277 52711	MFSK-16/20Bd	(AB)
XPA2	17-5	0930	15841	Wed	07032 00056 45813 ... 45217 23277 52711	MFSK-16/20Bd	(AB)
XPA2	17-5	0950	13934	Wed	07032 00056 45813 ... 45217 23277 52711	MFSK-16/20Bd	(AB)
XPA2	17-5	1100	16147	Wed	03479 00001 00000 37662	MFSK-16/20Bd	(AB)
XPA2	17-5	1120	15847	Wed	03479 00001 00000 37662	MFSK-16/20Bd	(AB)
XPA2	17-5	1140	14747	Wed	03479 00001 00000 37662	MFSK-16/20Bd	(AB)
XPA2	18-5	0500	11168	Thu	02317 00001 00000 36253	MFSK-16/20Bd	(AB)
XPA2	18-5	0520	12168	Thu	02317 00001 00000 36253	MFSK-16/20Bd	(AB)
XPA2	18-5	0540	13368	Thu	02317 00001 00000 36253	MFSK-16/20Bd	(AB)
XPA2	18-5	0910	12194	Thu	00205 00065 72500 ... 81598 46196 63551	MFSK-16/20Bd	(AB/HFD)
XPA2	18-5	0930	13994	Thu	00205 00065 72500 ... 81598 46196 63551	MFSK-16/20Bd	(AB/HFD)
XPA2	18-5	0950	12194	Thu	00205 00065 72500 ... 81598 46196 63551	MFSK-16/20Bd	(AB/HFD)
XPA2	18-5	1100	16147	Thu	03300 00001 00000 32653	MFSK-16/20Bd	(AB/MPJ)
XPA2	18-5	1120	15847	Thu	03300 00001 00000 32653	MFSK-16/20Bd	(AB/MPJ)
XPA2	18-5	1140	14747	Thu	03300 00001 00000 32653	MFSK-16/20Bd	(AB/MPJ)
XPA2	18-5	1600	13538	Thu	08238 00001 00000 36265	MFSK-16/20Bd	(AB/HFD)
XPA2	18-5	1620	14438	Thu	08238 00001 00000 36265	MFSK-16/20Bd	(AB/HFD)
XPA2	18-5	1640	14938	Thu	08238 00001 00000 36265	MFSK-16/20Bd	(AB/HFD)
XPA2	19-5	0800	13942	Fri	06006 00049 59038 ... 39625 34298 77364	MFSK-16/20Bd	(AB/HFD)
XPA2	19-5	0820	14942	Fri	06006 00049 59038 ... 39625 34298 77364	MFSK-16/20Bd	(AB/HFD)
XPA2	19-5	0840	15942	Fri	06006 00049 59038 ... 39625 34298 77364	MFSK-16/20Bd	(AB/HFD)

XPA2	19-5	1100	16159	Fri	Off during the intro	MFSK-16/20Bd	(AB)
XPA2	19-5	1120	14359	Fri	01270 00001 00000 32260	MFSK-16/20Bd	(AB)
XPA2	19-5	1140	13459	Fri	01270 00001 00000 32260	MFSK-16/20Bd	(AB)
XPA2	20-5	1500	15938	Sat	01747 00001 00000 40255	MFSK-16/20Bd	(MPJ)
XPA2	20-5	1520	14538	Sat	01747 00001 00000 40255	MFSK-16/20Bd	(MPJ)
XPA2	20-5	1540	13438	Sat	01747 00001 00000 40255	MFSK-16/20Bd	(MPJ)
XPA2	21-5	0800	13942	Sun	msg	MFSK-16/20bd	(PY)
XPA2	21-5	0840	15942	Sun	msg	MFSK-16/20bd	(PY)
XPA2	21-5	2100	13376	Sun	02883 00001 00000 36662	MFSK-16/20Bd	(RL)
XPA2	21-5	2120	11576	Sun	02883 00001 00000 36662	MFSK-16/20Bd	(RL)
XPA2	21-5	2140	10776	Sun	02883 00000 00000 26662 (wrong decode)	MFSK-16/20bd	(qsr711)
XPA2	21-5	2140	10776	Sun	02883 00001 00000 36662	MFSK-16/20Bd	(RL)
XPA2	22-5	0700	12148	Mon	msg	MFSK-16/20Bd	(OWL)
XPA2	22-5	1540	13438	Mon	msg	MFSK-16/20bd	(PY)
XPA2	23-5	0500	11168	Tue	msg	MFSK-16/20bd	(PY)
XPA2	23-5	1100	16159	Tue	09608 00045 66698 ... 80338 31088 51467	MFSK-16/20Bd	(qsr711/HFD)
XPA2	23-5	1120	14359	Tue	09608 00045 66698 ... 80338 31088 51467	MFSK-16/20Bd	(HFD)
XPA2	23-5	1140	13459	Tue	09608 00045 66698 ... 80338 31088 51467	MFSK-16/20Bd	(HFD)
XPA2	23-5	2100	10776	Tue	04655 00042 52503 ... 24638 88220 42672	MFSK-16/20Bd	(RL)
XPA2	23-5	2100	11576	Tue	04655 00042 52503 ... 24638 88220 42672	MFSK-16/20Bd	(RL)
XPA2	23-5	2100	13376	Tue	04655 00042 52503 ... 24638 88220 42672	MFSK-16/20Bd	(RL)
XPA2	24-5	0700	12148	Wed	03828 00116 05254 ... 37504 59363 14614	MFSK-16/20Bd	(AB/PY)
XPA2	24-5	0720	13448	Wed	03828 00116 05254 ... 37504 59363 14614	MFSK-16/20Bd	(AB)
XPA2	24-5	0740	13948	Wed	03828 00116 05254 ... 37504 59363 14614	MFSK-16/20Bd	(AB)
XPA2	24-5	0910	17431	Wed	msg	MFSK-16/20bd	(PY)
XPA2	24-5	0930	15841	Wed	msg	MFSK-16/20bd	(PY)
XPA2	24-5	1100	16147	Wed	msg	MFSK-16/20Bd	(PY)
XPA2	25-5	0500	11168	Thu	msg	MFSK-16/20Bd	(PY)
XPA2	25-5	0930	13994	Thu	msg	MFSK-16/20bd	(PY)
XPA2	25-5	1640	14938	Thu	06449 00226 96878 ... 42026 05346 75646	MFSK-16/20Bd	(RL-HOL)
XPA2	26-5	0800	13942	Fri	msg	MFSK-16/20bd	(PY)
XPA2	26-5	1140	13459	Fri	09608 00045 66698 ... 80338 31088 51467	MFSK-16/20Bd	(Pox)
XPA2	27-5	0910	14794	Sat	msg	MFSK-16/20bd	(Subilo)
XPA2	27-5	1500	15938	Sat	03451 00175 21333 ... 81331 63059 50670	MFSK-16/20Bd	(RL-HOL)
XPA2	28-5	0800	13942	Sun	msg	MFSK-16/20bd	(Subilo)
XPA2	28-5	2100	13376	Sun	msg	MFSK-16/20bd	(PY)
XPA2	29-5	0700	12148	Mon	msg	MFSK-16/20bd	(Subilo)
XPA2	29-5	0910	17431	Mon	msg	MFSK-16/20bd	(PY/Subilo)
XPA2	29-5	0930	15841	Mon	msg	MFSK-16/20bd	(PY/Subilo)
XPA2	29-5	0950	13934	Mon	msg	MFSK-16/20bd	(PY/Subilo)
XPA2	29-5	1500	15938	Mon	06364 00001 00000 34664	MFSK-16/20Bd	(MPJ)
XPA2	29-5	1520	14538	Mon	06364 00001 00000 34664	MFSK-16/20Bd	(MPJ)

XPA2	29-5	1540	13438	Mon	06364 00001 00000 34664	MFSK-16/20Bd	(MPJ)
XPA2	30-5	0500	11168	Tue	null	MFSK-16/20bd	(LuCa)
XPA2	30-5	0800	8094	Tue	08639 00168 31343 ... 34899 86033 56112	MFSK-16/20Bd	(Toprus)
XPA2	30-5	1100	16147	Tue	msg	MFSK-16/20Bd	(HFD)
XPA2	30-5	1100	16159	Tue	09608 00045 66698 ... 80338 31088 51467	MFSK-16/20Bd	(qsr711)
XPA2	30-5	1120	15847	Tue	msg	MFSK-16/20Bd	(HFD)
XPA2	30-5	1140	14747	Tue	msg	MFSK-16/20Bd	(HFD)
XPA2	30-5	2100	13376	Tue	null	MFSK-16/20bd	(PY)
XPA2	31-5	0700	12148	Wed	msg	MFSK-16/20bd	(PY)
XPA2	31-5	0930	15841	Wed	msg	MFSK-16/20bd	(PY)
XPA2	31-5	1140	14747	Wed	null	MFSK-16/20bd	(PY)
XPB	20-5	1140	10761	Sat	Russian intel.	MFSK-16	(PY)
XPB	20-5	1230	14429	Sat	Russian intel.	MFSK-16	(PY)
XPB1	1-5	0500	13435	Mon	Russian intel.	MFSK-16	(AB)
XPB1	1-5	0510	13935	Mon	Russian intel.	MFSK-16	(AB)
XPB1	1-5	0520	14435	Mon	Russian intel.	MFSK-16	(AB)
XPB1	1-5	0530	14835	Mon	Russian intel.	MFSK-16	(AB)
XPB1	1-5	0540	15935	Mon	Russian intel.	MFSK-16	(AB)
XPB1	1-5	0550	16225	Mon	Russian intel.	MFSK-16	(AB)
XPB1	1-5	1200	16329	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-5	1210	15929	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-5	1220	14829	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-5	1230	14429	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-5	1240	13929	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	1-5	1250	13529	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-5	0500	13435	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-5	0510	13935	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-5	0520	14435	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-5	0530	14835	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-5	0540	15935	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-5	0550	16225	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-5	1300	20061	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-5	1310	19361	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-5	1320	18261	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-5	1330	17461	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-5	1340	16261	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-5	1350	14961	Tue	Russian intel.	MFSK-16	(AB)
XPB1	3-5	1100	13961	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-5	1110	13361	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-5	1120	12161	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-5	1130	11461	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-5	1140	10761	Wed	Russian intel.	MFSK-16	(AB/HFD)

XPB1	3-5	1150	10161	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-5	1300	20061	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	5-5	1310	19361	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	5-5	1320	18261	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	5-5	1330	17461	Fri	Russian intel.	MFSK-16	(AB)
XPB1	5-5	1340	16261	Fri	Russian intel.	MFSK-16	(AB)
XPB1	5-5	1350	14961	Fri	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1100	13961	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1110	13361	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1120	12161	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1130	11461	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1140	10761	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1150	10161	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1200	16329	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1210	15929	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1220	14829	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1230	14429	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1240	13929	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6-5	1250	13529	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8-5	0500	13435	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-5	0510	13935	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-5	0520	14435	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-5	0530	14835	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-5	0540	15935	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-5	0550	16225	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-5	1200	16329	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-5	1210	15929	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-5	1220	14829	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-5	1230	14429	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-5	1240	13929	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-5	1250	13529	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9-5	0500	13435	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9-5	0510	13935	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9-5	0520	14435	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9-5	0530	14835	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9-5	0540	15935	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9-5	0550	16225	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9-5	1300	20061	Tue	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	9-5	1310	19361	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9-5	1320	18261	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9-5	1330	17461	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9-5	1340	16261	Tue	Russian intel.	MFSK-16	(AB)

XPB1	9-5	1350	14961	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10-5	1100	13961	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10-5	1110	13361	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10-5	1120	12161	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10-5	1130	11461	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10-5	1140	10761	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10-5	1150	10161	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12-5	1300	20061	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	12-5	1310	19361	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	12-5	1320	18261	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	12-5	1330	17461	Fri	Russian intel.	MFSK-16	(AB)
XPB1	12-5	1340	16261	Fri	Russian intel.	MFSK-16	(AB)
XPB1	12-5	1350	14961	Fri	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1100	13961	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1110	13361	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1120	12161	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1130	11461	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1140	10761	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1150	10161	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1200	16329	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1210	15929	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1220	14829	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1230	14429	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1240	13929	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13-5	1250	13529	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15-5	0500	13435	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-5	0510	13935	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-5	0520	14435	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-5	0530	14835	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-5	0540	15935	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-5	0550	16225	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-5	1200	16329	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-5	1210	15929	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-5	1220	14829	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-5	1230	14429	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-5	1240	13929	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-5	1250	13529	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16-5	0500	13435	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16-5	0510	13935	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16-5	0520	14435	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16-5	0530	14835	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16-5	0540	15935	Tue	Russian intel.	MFSK-16	(AB/HFD)

XPB1	16-5	0550	16225	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16-5	1300	20061	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16-5	1310	19361	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16-5	1320	18261	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16-5	1330	17461	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16-5	1340	16261	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16-5	1350	14961	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	17-5	1100	13961	Wed	Russian intel.	MFSK-16	(AB)
XPB1	17-5	1110	13361	Wed	Russian intel.	MFSK-16	(AB)
XPB1	17-5	1120	12161	Wed	Russian intel.	MFSK-16	(AB)
XPB1	17-5	1130	11461	Wed	Russian intel.	MFSK-16	(AB)
XPB1	17-5	1140	10761	Wed	Russian intel.	MFSK-16	(AB)
XPB1	17-5	1150	10161	Wed	Russian intel.	MFSK-16	(AB)
XPB1	19-5	1300	20061	Fri	Russian intel.	MFSK-16	(AB)
XPB1	19-5	1310	19361	Fri	Russian intel.	MFSK-16	(AB)
XPB1	19-5	1320	18261	Fri	Russian intel.	MFSK-16	(AB)
XPB1	19-5	1330	17461	Fri	Russian intel.	MFSK-16	(AB)
XPB1	19-5	1340	16261	Fri	Russian intel.	MFSK-16	(AB)
XPB1	19-5	1350	14961	Fri	Russian intel.	MFSK-16	(AB)
XPB1	22-5	0500	13435	Mon	Russian intel.	MFSK-16	(LuCa)
XPB1	23-5	0500	13435	Tue	Russian intel.	MFSK-16	(PY)
XPB1	24-5	1100	13961	Wed	Russian intel.	MFSK-16	(PY)
XPB1	26-5	1300	20061	Fri	Russian intel.	MFSK-16	(PY)
XPB1	27-5	1100	13961	Sat	Russian intel.	MFSK-16	(FSK1)
XPB1	29-5	0500	13435	Mon	Russian intel.	MFSK-16	(PY)
XPB1	30-5	0500	13435	Tue	Russian intel.	MFSK-16	(PY)
XPB1	30-5	1310	19361	Tue	Russian intel.	MFSK-16	(PY)
XPB1	31-5	1100	13961	Wed	Russian intel.	MFSK-16	(PY)

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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-KWT	Ary Boender via remote rx Kuwait
AB-POL	Ary Boender via remote rx Poland
AB-ROU	Ary Boender via remote rx Romania
AB-RUS	Ary Boender via remote rx Russia
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MPJ	Jim, SW England
MPJ-AUT	Jim via remote rx Austria
MPJ-FIN	Jim via remote rx Finland
MPJ-HOL	Jim via remote rx Netherlands
Phi	Philby
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WN	Wiliam Neelin

APPENDIX

Designators of active stations

Prefixes

E	English language
F	FSK (Frequency Shift Keying) modes
G	German language
HM	Hybrid modes
M(C)	Morse code (Chinese)
P	PSK modes. QPSK (Quadrature Phase Shift Keying) and BPSK (Binary Phase-Shift keying) modes
Q	4+4 QPSK mode
S	Slavic languages
SK	Various modes used by Cuba, incl. (B)PSK, WinDRM
UM(C)	Unid Morse station (Chinese)
V	Voice broadcasts in other languages
VC	Voice Chinese
XP	MFSK (polytone) modes

Active voice stations

Code	Language	Origin	Related stations
E06	English	Russia	E06, S06, M14, F01, F06, F06a
E07	English	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
E11	English	Poland	E11, E11a, S11a, F03, P03
E11a	English	Poland	E11, E11a, S11a, F03, P03
S06	Russian	Russia	E06, S06, M14, F01, F06, F06a
S06b	Russian	Russia	E06, S06, M14, F01, F06, F06a
S06c	Russian	Russia	E06, S06, M14, F01, F06, F06a
S11a	Russian	Poland	E11, E11a, S11a, F03, P03
S25	Russian	Russia	
V07	Spanish	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
V13	Mandarin	Taiwan	
V26	Chinese	China	M95, Q26, V26
V28	Korean	North Korea	
VC01	Chinese	China	VC03, MC03
VC03	Chinese	China	VC01, MC03

Active morse stations

Code	Mode	Origin	Related stations
M01	Morse	Russia	M01a
M01a	Morse	Russia	M01
M12	Morse	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
M14	Morse	Russia	E06, S06, M14, F01, F06, F06a
M21	Morse	Russia	M41
M22	Morse	Israel	
M23	Morse	France	
M41	Morse	Russia	M21
M51a	Morse	France	M51b
M51b	Morse	France	M51a
M76	Morse	?	
M89	Morse	China	
M95	Morse	China	M95, Q26, V26
MC03	Morse	China	VC01, VC03
UM03	Morse	China	
UM04	Morse	Bulgaria	PROMRCh daily schedule
UM10	Morse	?	

Morse characters

A	. -	1	. - - - -	Full stop (period)	[.]	. - . - . -
B	- . . .	2	. . - - -	Comma	[,]	- . . . - -
C	- . . .	3	. . . - -	Colon	[:]	- - - . . .
D	- . .	4 -	Question mark	[?]	. . - - . .
E	.	5	Exclamation mark	[!]	- . - . - -
F	. . - .	6	-	Apostrophe	[']	. - - - - .
G	- - .	7	- - . . .	Dash or Hyphen	[-]	- -
H	8	- - - . .	Slash	[/]	- . . - .
I	. .	9	- - - - .	Left-hand bracket	[(]	- . - - .
J	. - - -	0	- - - - -	Right-hand bracket	[)]	- . - - - .
K	- . -			Quotation marks	[" "]	. - . . - .
L	. - . .			Equals sign	[=]	- . . . -
M	- -	Accented letters		Understood		. . . - .
N	- .	Ä	. - . -	Plus sign	[+]	. - . - .
O	- - -	Á	. - - - -	Invitation to transmit		- . -
P	. - - .	CH	- - - -	Wait	[AS]	. - . . .
Q	- - - -	É	. . - . .	End of Transmission	[SK, VA]	. . . - . -
R	. - .	Ö	- - - .	End of message	[AR]	. - . - .
S	. . .	Ü	. . - -	Starting signal		- . - . -
T	-			Multiplication sign	[×]	- . . -
U	. . -			At sign	[@]	. - - . - .
V	. . . -			Break	[BK]	- . . . - . -
W	. - -			Ampersand	[&]	. - . . .
X	- . . -					
Y	- . - -					
Z	- - . .					

See also
<http://udxf.nl/Morse-document.pdf>
<http://udxf.nl/Russian.pdf>

E11 family digital transmission modes.

Most modes are very much the same and have only very small differences.

FSK transmissions

F03	Undefined FSK
F03a	FSK-2 100Bd/200Hz/cf + 600Hz
F03b	FSK-2 200Bd/400Hz
F03c	FSK-2 400Bd/960Hz/cf +1120Hz/448-bit period
F03d	FSK-2 200Bd/400Hz/cf +600Hz/448-bit period
F03f	FSK-2 400Bd/800Hz/cf +1200Hz/496-bit period
F03i	FSK-2 100Bd/800Hz/cf +1200Hz/488-bit period
F03j	FSK-4 100Bd/400Hz/cf +1200Hz/448-bit period
F03k	FSK-2 400Bd/800Hz/cf +1200Hz/448-bit period
F03l	FSK-2 100Bd/200Hz/cf +700Hz/448-bit period
F11	FSK 100Bd/620Hz and FSK 100Bd/740Hz

PSK transmissions

P03	Undefined PSK
P03a	BPSK 62.5Bd
P03b	QPSK 62.5Bd
P03c	BPSK 125Bd
P03d	QPSK 125Bd/448-bit period
P03e	QPSK 100Bd/488-bit period
P03f	QPSK 200Bd/496-bit period
P03g	BPSK 50Bd/464-bit period
P03h	BPSK 100Bd/512-bit period
P03i	BPSK 62.5Bd/464-bit period
P03j	QPSK 100Bd/504-bit period
P03k	BPSK 100Bd/480-bit period
P03l	QPSK 100Bd/464-bit period

Notes:

- Bit Period is the time needed to transmit one bit
- Defunct modes F03a, F03b, F11, P03a, P03b, P03c

COLOPHON

"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.

All information in this newsletter was submitted by independent radio monitors or has been obtained from public available sources and public sites on the web. Wherever data was obtained via the web or elsewhere, references and/or links to these sources have been noted.

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 - SPY NUMBERS ONLINE DATABASE <http://www.spynumbers.com/numbersDB>
 - UDXF - UTILITY DXERS FORUM <http://www.udxf.nl>
 - HF UNDERGROUND <http://www.hfunderground.com/board/>
 - PRIYOM <http://priyom.org/>
 - ENIGMA <http://www.signalshed.com/>
- NUMBERS STATIONS SCHEDULES <http://priyom.org/number-stations/station-schedule>

To become an UDXF member go to <https://groups.io/g/UDXF> and follow the instructions.

To become a Spooks member go to <http://mailman.qth.net/mailman/listinfo/spooks> fill in the form and follow the instructions that will be mailed to you.

```
676 27364 92656 89428 61268 74982 36498 32764 81276 81
986 48932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 76
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 11
591 87364 87265 96718 27638 12673 84769 28743 98127 0
58 63298 75698 27465 87326 49876 28376 81273 98615 66
67 87432 74328 78674 29867 32867 67867 86786 43216 496
57 68768 68763 34234 34238 68768 62342 48273 48768 234
736 98432 32432 86743 43286 43286 43286 43286 43286 432
743 86743 86743 99867 32867 86743 43286 43286 43243 86
743 86743 86743 86743 86743 86743 86743 86743 86743 432
543 98798 98754 98754 98754 98754 29867 67543 67986 867
76 87698 69876 87698 69876 87612 12341 34867 86798 662
867 43298 65656 56756 56123 32143 14321 32143 14321 321
867 2787 58765 76587 58765 76587 58765 76587 58765 765
```

N&O



UDXF



CONTEXT

In the second half of 1983, the Czechoslovak secret service, in cooperation with the KGB, played an intelligence game against the CIA under the code name PEGAS. Although the game ended in a fiasco for the Czechoslovak secret service (the CIA ended cooperation with the fake agent in early 1985), the agent managed to pick up the equipment provided by the CIA, among other things, for the purpose of receiving and sending messages.

In the package, which was disguised in the form of a piece of stone, there were also instructions for receiving agency messages broadcast from one of the number stations. During the intelligence game, the Czechoslovak secret service managed to intercept and successfully decipher all 8 secret messages broadcasted by the CIA over the radio in Athens.

The instructions given to the agent by the CIA as well as the records of the intercepted and deciphered messages are contained in a declassified volume of the archives of the secret service of Czechoslovakia, which I came across in the course of my research.

For study reasons, I decided to translate and publish these interesting parts. Although these materials do not appear to contain any unknown facts, their originality and origin may be of interest to the reader.

My thanks go to the [Archive of the Security Forces](#), thanks to which I was able to study the relevant volume.

I drew the information from the Archive of the Security Forces, collection of Special Operative Volumes (ZO), arch. no. ZO-4168 MV.

16.5.2023 by [Premek Koch](#)

are in international time (Greenwich time). Our messages will be broadcast to you simultaneously on the two indicated wavelengths. After establishing a connection with you under this plan, we may need to change wavelengths or broadcast times. In that case, we will notify you of any changes. Therefore, it is imperative that you let us know as soon as possible which broadcasts you hear or do not hear.

We will be broadcasting two different kinds of messages. One type is a "live message" that contains messages for you. We recommend that you listen to this broadcast several times to make sure that you have copied all the five-number groups exactly. Another type is the "blank message", which contains only meaningless groups of five numbers. You do not need to listen to this broadcast. The three-number group (callsign) at the beginning of each broadcast will show you which message is "live" and which is "blank message". In your timeline, shown at the end, you will see which number in the three-digit callsign will indicate a "live" and which "blank" message.

III. Tuning the receiver

On the days and times listed in your broadcast schedule, turn on your receiver and tune to the correct wavelength. Then search for our signal by turning (tuning) the knob slowly and carefully back and forth around the specified wavelength until you hear a female voice reading a series of numbers in English. During the first 10 minutes of each broadcast, the announcer will read the numbers of the three-digit call sign, which he will repeat 3 times, and then the numbers 1-2-3-4-5-6-7-8-9-0. When this three-digit signal shows you that the broadcast contains a "live" message, be ready to write your message. During these 10 minutes, try both wavelengths on which we broadcast our messages and choose the wavelength that you receive better. If you don't know numbers in English, use these first 10 minutes to understand the pronunciation of English numbers. Please memorize the numbers in English as soon as possible. Five-number groups are pronounced individually (two, three, - not twenty-three), so it is enough to learn the English numbers from 1 to 0.

IV. Broadcast procedure

We will usually broadcast each message at least 3 times. It is possible that we will broadcast a "live" or "blank" message for up to 6 weeks. When we start transmitting a new message, we change at least one number in the callsign (the first three-digit group of numbers).

After the initial 10 minutes during which we will transmit a three-digit callsign group, you will hear 10 "BEEP" sounds, each sound for one second, this means that the introduction is over and the message will begin. After ten BEEPS, the announcer reads "GROUPS 25" twice and starts reading the groups. Start writing these groups the moment the announcer starts reading them. When the announcer reads all the five-number groups, he says the English word for "repeat" - "REPEAT" and reads all the five-number groups of your message one more time. At the end of this repetition, the announcer uses the English word "end" - "END" and the broadcast is over for you. When writing down five-number groups, you will notice that there is a small pause or break between the third and fourth numbers. This small break will allow you to better transcribe five-number groups. Do not confuse this break with the break between five-digit groups. Here is an example of a broadcast with 25 groups:

```

1. 946 946 946  1 2 3 4 5 6 7 8 9  946 946 946  1 2 3 4 5
   6 7 8 9 0 .....

2. BEEP BEEP BEEP BEEP BEEP BEEP BEEP BEEP BEEP BEEP

3. GROUPS 25  GROUPS 25

4. 82995 91970 48398 58207 06794 55095 25070 60435
   90978 27531 32701 45700 17569 29175 19215 00836
   82079 85012 85467 50490 46851 37517 48131 75825
   07731

5. REPEAT ....

6. GROUPS 25  GROUPS 25

7. 82995 91970 48398 58207 06794 55095 25070 60435
   90978 27531 32701 45700 17569 29175 19215 00836
   82079 85012 85467 50490 46851 37517 48131 75825
   07731

8. END

```

So the procedure is as follows:

1. call signal (group of three) repeated 3 times and numbers from 1 to 0 (10 minutes)
2. ten one-second "BEEPS"
3. total number of five-number groups contained in the message (repeated 1x)
4. message
5. "REPEAT" means that the message will be broadcast again, starting with the announcement of the number of five-digit groups.
6. the count of five-number groups contained in the message (repeated 1x)
7. message
8. "END" - means that the broadcast is over.

V. Decrypting the message

After writing the broadcast message, you need to decrypt it using the decryption pad (key). The beginning (pointer) to each message can be found in the first left row of your decryption pad. There you will find the group that matches the first group in your received message. For example, this so-called pointer for the first

message will be the first group on your decryption pad. To decrypt the message, you must follow exactly the following instructions:

1. When you have found the pointer in your pad, write it and the required number of groups announced in your report into the worksheet. Write these groups from left to right exactly as they are written in your pad.
2. Rewrite the groups we broadcast directly for your pad groups, number by number, starting with the pointer. Remember to write the numbers you received in the broadcast below the numbers you copied from the decryption key. The first group you copied from the decryption pad must match the first group you received (pointer) from the broadcast message.
3. Using false subtraction, subtract the five-number groups you received in your broadcast from the five-number groups written from your decryption pad, starting from left to right. In case the top number is less than the bottom number, add 10 without borrowing from the number next to it (eg top 3, bottom 5 - false subtraction - 5 and 8 is 13, write 8 and do not add 1 to the next number).
4. Use the attached conversion table to convert the result of your false subtraction of our message into text. Note in this table that some letters as well as numbers and punctuation marks are represented by one number, some letters as well as numbers and punctuation marks are represented by two numbers (in some cases these two numbers are split - the first number is the last number of one five-number group and the second number is the first number of the next five-number group).

For example:

(1) 82995 52452 16751 07770 44954 23561 07761 48238

(2)+82995 81970 48398 58207 06794 55095 25070 60435

(3) 00000 71582 78463 59573 48260 78576 82791 88803

(4) CI S LOTR I . D O STA LI J S ME Z PR

(1) 98351 98118 67642 58094 02270 57595 04905 79766

(2) 90978 27531 32701 45700 17569 29175 19215 00836

(3) 08483 71687 35941 13394 95711 38420 95790 79130

(4) A V U CT Y RI 1 3 . CE R VNA . MA MERA

(1) 55451 43820 03864 45151 20672 11311 78868 43110

(2) 82079 85012 85467 50490 46851 37517 48131 75825

(3) 73482 68818 28407 95761 84821 84804 30737 78395

(4) DO S T ZE S VA MI JE V SE V PO RA D K U .

(1) 07731

(2) 07731

--- ----
(3) 00000

(1) = groups from the decryption pad

(2) = 25-groups message

(3) = false subtraction result

(4) = decrypted message. Note the use of "94" between letters and numbers and "94" between the last number and the next letter again.

(+) = pointer

(Number three. We received message four on june 13th. We are happy that you are ok.)

Note:

Please remember that the "pointer" is the first five-number group in each broadcast. This group shows you which line of your decryption pad you need to start decrypting the message with. If you finished one message halfway through the line of your pad, the remaining numbers in that line will not be used in the next message. It is necessary to start decrypting each new message with the next unused line in your decryption pad. The first group of numbers in this line will be the pointer. We recommend that you make a note in your pad of which rows and groups have already been used (even if only one group in a row has been used, consider the entire remaining row of numbers as used). You can cross out an entire line if you

want. Don't worry if for some reason you can't listen to our broadcasts for a certain period of time, even if this period is several weeks. And for this reason, you will miss one of our messages. With the help of the indicator on the left side of your decryption pad, you will always be able to decipher our latest broadcasts.

English numbers and words used in our broadcast (with pronunciation)

1 - one /uan/	6 - six /siks/
2 - two /tu/	7 - seven /sevn/
3 - three /trí/	8 - eight /eit/
4 - four /for/	9 - nine /nain/
5 - five /faiv/	0 - zero /zírou/

GROUPS /grups/
REPEAT /repít/
END /end/

Obtaining a message

0 - A	70 - B	80 - P	94 - number start or end	
1 - E	71 - C	81 - Q	95 - . (dot)	
2 - I	72 - D	82 - S	96 - , (comma)	
3 - N	73 - F	83 - U	97 - ? (questionmark)	
4 - O	74 - G	84 - V	98 - - (dash)	
5 - R	75 - H	85 - W	11 - 1	66 - 6
6 - T	76 - J	86 - X	22 - 2	77 - 7
	77 - K	87 - Y	33 - 3	88 - 8
	78 - L	88 - Z	44 - 4	99 - 9
	79 - M		55 - 5	00 - 0

VI. Broadcast schedule

We will send you messages every Wednesday at 6:00 PM and every Friday at 8:00 PM. Do not forget that these hours are according to Greenwich time and not according to Prague time. From November to April our broadcast will be on two wavelengths and you will find (by tuning) the one you can hear best. Either 5330 kHz (56m) or 6875 kHz (43.6m). From May to October, these waves change to 8078 kHz (37m) and 9436 kHz (31.8m). Your call sign - the number that indicates that this call is for you, will be a three-digit number that ends with one of the numbers 3, 4, 6, 7 or 9. Other three-digit signs that end with any other number (1, 2, 5, 8 or 0) means that this broadcast is blank, that you do not need to listen. You can start listening for our first messages around one month from the time you signal to us that you have picked up your package. Don't worry if you can't write our full message the first time, we will continue with our broadcast for several weeks, every Wednesday and Friday.

Received messages

During the agency game, the CIA sent a total of 8 encrypted messages to the agent's address. As recorded in the logs, the transmission was conducted from the radio in Athens according to the time schedule contained in the instructions for the agent retrieved from the dead box. The agent (respectively the Czechoslovak secret service) responded in the form of secret writing in pre-prepared letters, which he sent to prescribed addresses in the USA.

An interesting plot twist is tied to message No. 5, when the CIA warns the agent not to use envelopes that don't have "USA" in the address. As part of another secret operation, the Czechoslovak secret service intercepted a letter to an address in the US where "U.S.A" was additionally written (different pencil and font). Although this letter did not contain any secret message, in the context of received message No. 5, the Secret Service believed that this letter was sent from Czechoslovakia directly by the CIA in order to check whether the addition of the address would raise suspicion - which it did.

Message No. 7 was probably about checking whether the agent is controlled by the Czechoslovak secret service. By that time, the Czechoslovak secret service had sent a total of 2 letters with secret information to the indicated "cancelled" address. The CIA apparently wanted to check whether the agent had an overview of what classified information he had sent in which letter, which was not to be expected. However, the Czechoslovak secret service responded truthfully to this message, which apparently strengthened the CIA's suspicion that it is an intelligence game. With subsequent message No. 8, the CIA terminated the cooperation.

Message No. 1

received 21.3.1984 at 7pm on 5330/6875 kHz from Athens

629

GROUPS 86

93768 74423 94250 51714 95506 92976 42484 46590 82201 07850
08292 79436 74891 99093 57143 10922 86315 96931 16008 17973
28224 07489 02535 87422 36373 50738 71234 59059 31107 25488
16532 37529 59783 27736 76683 33946 70499 02612 29434 95962
51791 01872 53531 32823 95077 58315 41628 13723 28706 15073
80499 73181 70462 50172 86517 88778 00950 72218 39440 03247
66745 43310 99686 77989 74655 62722 33622 07916 16681 88412
91528 75522 19284 11396 16254 58188 02250 74323 00773 51643
20038 49026 60235 25118 89233 96095

END

ZPRAVA 1. BYLI JSME POTESENI PRIJMEM VASI PRVNI ZPRAVY A
UJISTENIM ZE VSE JE S VAMI V PORADKU. NEDELEJTE SI STAROSTI
S VASIM SIGNALEM PRO NAS A NEBO TELEFONATY OD TOMASE. VSE JE
V PORADKU PET Z VASICH KRYCICH DOPISU NEMAJI U.S.A. V ADRESE.
NEPOUZIVEJTE TYTO POKUD MATE TY S PLNOU ADRESOU. TESIME SE NA
VASE DALSI ZPRAVY. VASI PRATELE

Message 1. We were pleased to receive your first message and
reassurance that everything is fine with you. Don't worry about
your signal for us or phone calls from Tomas. Everything is
alright. Five of yours cover letters do not have U.S.A. in the
address. Don't use these if you have ones with a full address.
We look forward to your next messages. Your friends

Message No. 2

received 11.4.1984 at 8pm on 5330/6875 kHz from Athens

483

GROUPS 143

37511 83420 14270 05298 22705 36617 39860 87281 60768 90230
54190 10215 37993 78512 25442 57113 70041 49945 76414 74707
88499 21854 55452 22225 91695 81630 14846 32606 10033 18808
04871 06236 00901 63562 53685 31033 10181 56676 67385 12358
07311 91874 98503 49828 95138 02895 68169 73263 92118 12220
21942 84484 86776 82580 67513 58327 23226 30072 31414 44186
18829 25702 74008 52389 22039 48083 45809 38286 25563 76343
27813 28571 61815 87295 76001 24209 90512 63379 69249 43655
18355 84841 41384 52695 98197 13372 93165 25506 58044 43721
54676 73782 57752 45314 57024 57411 74528 08933 43074 54026
25551 39022 06195 81752 94327 26621 31735 79054 70008 92381
53044 75379 32012 88788 57718 02880 11559 33941 23832 72683
64354 99358 23360 33747 89032 16579 49837 68169 66364 17220
65641 21912 70482 43008 41299 36913 40732 53529 43868 02728
78501 91259 13990

END

ZPRAVA 2. DEKUJEME ZA VASI ZPRAVU 2 A ODPOVEZENE OTAZKY. K OTAZCE 2, UDEJTE DETAILY ROZHOVORU MEZI GENERALEM STECHOU A ROVNALEM O LIBYI, VCETNE JEJICH PLNYCH JMEN, POSICE A O CEM MLUVILI. TAKE NAPISTE DETAILY O JINYCH ROZHOVORECH KTERE JSTE SLYSEL A KTERE BY NAS MOHLY ZAJIMAT. CO SE TYCE TABULEK, POUZIVEJTE DALE VASI TABULKU NA ZASIFROVANI CISLO 38596 - ZASILKA, PRO VASE ZPRAVY NAM, JAK JSTE TO UDELAL S VASI DRUHOU ZPRAVOU. POUZIVEJTE DESIFROVACI TABULKU CISLO 80772 - PRIJEM NA DESIFROVANI NASICH RADIOVYCH ZPRAV. VASI PRATELE.

Message 2. Thank you for your message 2 and answered questions. For question 2, give the details of the conversation between General Stecha and Rovnal about Libya, including their full names, positions and what they talked about. Also write details about other conversations you heard that might be of interest to us. As for tables, continue to use your table for the encrypted number 38596 - shipment, for your messages to us, as you did with your second message. Use the decryption table number 80772 - reception to decrypt our radio messages. Your friends.

(Decryption was started with first group on 16th line of the 80772 decryption table)

Message No. 3

received 2.5.1984 at 8pm on 8080/9435 kHz from Athens

857

GROUPS 223

12943 37952 20731 51345 95946 44207 23536 34489 26996 64065
23013 38175 42669 21759 45395 70936 99648 97937 58236 97757
81035 34047 20023 39659 49946 06117 22028 70060 16018 37147
65240 77808 75800 39412 04627 57869 24860 02794 09390 76745
91930 20509 94687 29186 87163 41538 61994 57218 27867 82346
79978 90790 08790 96219 74329 03013 47797 04722 84752 69182
32984 12930 74089 02146 14181 58276 97415 86321 52576 73226
79900 16181 27007 80619 81179 22182 62202 90362 12878 14769
83745 64865 22408 93652 29298 22939 52211 31224 81630 73718
04727 04009 78708 87699 40999 75356 04187 25284 85804 63437
53423 18399 29146 83996 91285 79933 46520 96823 63534 86402
39186 05149 63272 15890 27278 72443 98766 92075 65262 26213
73224 19157 33233 86882 41430 07348 68827 40207 63088 09700
73528 35036 30628 62295 29568 78902 89334 48318 08275 49961
18757 12192 29090 38593 29526 18807 53050 77940 85649 53973
05458 47498 94117 22622 03042 35088 66079 19745 01105 42826
71305 91242 40742 94876 73024 53151 43950 79195 09237 58124
97806 47419 26642 51405 55350 80122 69512 53336 95167 81204
88400 97297 08718 57415 92631 91096 83218 77523 69219 06264
46641 11690 74673 38736 45846 84950 01441 06884 54448 97993
78872 77177 31746 95162 35463 21784 39408 75060 00597 14523
43090 07885 74333 62046 72685 43953 94630 48003 74108 76423
00392 96745 99526

END

ZPRAVA 3. POTVRZUJEME PRIJEM VASI ZPRAVY 3. ROZUMIME ZE
ZISKANI KOPIE TAJNEHO SEZNAMU MNO MEZIMINISTERSKE SITE BY
BYLO TEZKE, ALE V CEM BY TO ZISKANI SPOCIVALO ? CO TEN
NEUTAJOVANY SEZNAM KTERY NAS TAKE ZAJIMA? PROSIM UDEJTE
VOLACI ZNAKY, JMENA KANCELARE V CSLA V OTEVRENE SITI KE
KTERYM MATE PRISTUP. DALSI OTAZKY. 7. MATE PRISTUP K
UTAJOVANEMU VYDANI VOJENSKÉ MYSLE? K TAJNEMU BULETINU ZEMI
VARSAVSKE SMLOUVY? K JINYM? 8. MUZETE OFOTOGRAFOVAT TEL.
SEZNAMY A TISKOVINY? 9. V PRIPADE KRIZE? KAM SE MA VLADA
EVAKUOVAT? GENERALNI STAB? JAKYM ZPUSOBEM A ZA JAKYCH
PODMINEK? POPISTE VYBAVENI TOHOTO MISTA VCETNE KOMUNIKACNICH
PROSTREDKU. JAKE JSOU VASE INSTRUKCE? DALSI. KTERE JSOU TY
INFORMACE KTERE JSTE NAM SLIBIL KDYZ JSTE SE S NAMI SPOJIL?
JE BEZPECNEJSI KDYZ NAM POSLETE JEN JEDEN DOPIS MESICNE S
VYJIMKOU NALEHAVYCH ZPRAV. JSME S VAMI, PRATELE

Message 3. We confirm receipt of your message 3. We understand
that obtaining a copy of the secret MNO list of the interministerial
network would difficult, but what would the acquisition consist of?
What about the unclassified list that also interests us? Please let
us know call signs, names of offices in the open network to which
you have access. More questions. 7. do you have access to classified

edition of the military mind? To the secret bulletin of the Warsaw Pact countries? To others? 8. can you photograph phone lists and printed materials? 9. in case of crisis? Where should the government evacuate? General staff? In what way and under what conditions? Describe the equipment of this place, including means of communication. What are your instructions? Next. What is the information you promised us when you contacted us? It is safer if you send us only one letter a month, with the exception of urgent messages. we are with you, friends

Message No. 4

received 6.6.1984 at 8pm on 8080/9435 kHz from Athens

749

GROUPS 64

80307 92852 26254 64996 06799 42542 31641 78547 54661 69787
60350 21414 29206 05591 36844 53124 40519 91633 37560 57583
84014 86190 65583 16445 72303 80949 23896 20171 52879 17799
58133 42081 82496 77157 31276 33187 28115 61852 60874 16044
42450 78453 77942 58502 67267 50496 25584 68270 64944 81196
00142 18639 57183 21653 84054 11374 93254 78474 79972 19926
84724 61525 25206 29470

END

ZPRAVA 4. POTVRZUJEME PRIJEM VASI 4. CHAPEME VASE STAROSTI.
SNAZTE SE ZODPOVEDET ZBYLE OTAZKY VE VASI PRISTI ZPRAVE. PAK
NEPOSILEJTE ZADNE ZPRAVY A CEKEJTE NA DALSI INSTRUKCE. DAME
VAM INSTRUKCE RADIEM PO OBDRZENI VASI ZPRAVY 5. PRATELE

Message 4. We confirm receipt of your 4. We understand your concerns. Try to answer the remaining questions in your next message. Then do not send further messages and wait for further instructions. We will give you instructions by radio after receiving your message 5. friends

Message No. 5

received 31.8.1984 at 10pm on 8080/9435 kHz from Athens

146

GROUPS 151

54501 16550 18892 87090 94464 68398 06436 17454 78176 38977
78280 28767 44131 67757 08826 89492 29850 00817 66607 01681
96831 50533 13655 54438 69287 78962 13040 65778 79952 13494
57599 47799 11698 82841 99428 90980 07482 42843 41948 75786
67640 06448 36545 67180 21737 78233 14527 44591 55636 46941
11213 56281 02538 32769 65513 77904 84154 81943 80901 55839
96178 42954 38575 61334 93612 22960 93774 34469 16704 18238
16810 03511 83643 66260 76712 42886 24995 20146 52799 32328
51256 13051 65149 80950 56501 02258 52004 81375 88686 03624
70128 43671 14009 06350 20289 36733 00245 54388 67066 90460
17551 19725 51637 81850 74249 42774 73012 38976 30058 09572
61924 81311 97903 39599 92940 40420 65213 10282 41570 06764
04223 19487 46649 16047 88901 40475 51481 42975 41286 27440
30902 07113 83908 60517 05965 45418 19563 78062 93701 69011
10704 10596 70580 51628 70755 09287 48287 40931 54210 01495
34562

END

ZPRAVA 5. POTVRZUJEME VASI 5. POUZIJTE VASE ZBYLE DOPISY,
KTERE NEMAJI U.S.A. V ADRESE. NEPRIPISUJTE, OPAKUJEME
NEPRIPISUJTE U.S.A. K ADRESAM. BUDTE OPATRNEJSI PRI ZASIFROVANI
VASICH ZPRAV. NOVE OTAZKY. 10. JAKY STUPEN TAJNOSTI MA TA
PRIRUCKA PRO VOJENSKE SPOJARE? 11. POPISTE JEJI OBSAH. 12.
K JAKEMU UCELU SE POUZIVA ZARIZENI LD 15 KTERE NAM NABIZITE ?
13. UDEJTE KDE JE A JAKY VYCVIK SE PROVADI NA CVICENI STIT-84.
14. UDEJTE ADRESU DOPRAVNIHO ODDELENI VEREJNE BEZPECNOSTI. 15.
POPISTE SPOJENI V PRAZE PRO KTERE MATE SCHEMA. POZDRAVY VASI
PRATELE

Message 5. We confirm your 5. Use your remaining letters, which
do not have U.S.A. in the address. Do not attribute, we repeat,
do not attribute U.S.A. to the addresses. Be more careful when
encrypting your messages. New questions. 10. what level of secrecy
does the manual for military communications have? 11. describe its
content. 12. for what purpose is the LD 15 device that you offer us?
13. state position and what kind of training will be performed at
the Stit-84 exercise. 14. give the address of the traffic department
of public safety. 15. describe the connection in Prague for which
you have a diagram. greetings to you, friends

Message No. 6

received 31.10.1984 at 7pm on 8080/9435 kHz from Athens

???

GROUPS 90

84101 24672 93149 12540 24320 25968 52577 30754 21466 24889
89395 98188 23079 67293 20680 19036 22004 62065 28841 18433
60167 71444 29742 00846 44355 65855 27187 22096 32043 87967
46066 53015 89369 07716 40598 32899 01695 05999 48017 90718
45625 07591 27687 13905 87440 30738 66087 61011 80087 98532
00463 33434 03135 64068 06261 93930 80973 54166 95884 91694
56298 40809 87861 65427 76806 10752 32180 02416 98186 40382
83442 71119 88829 62431 06120 27966 65028 91204 39360 07588
93195 88550 55379 55599 61956 56200 49431 50707 00853 93124

END

ZPRAVA 26 POTVRZUJEME VASI 77. VASI ZPRAVU 66 JSME NEDOSTALI.
OCENUJEME VASE SNAHY ZISKAT PRO NAS ZPRAVY ALE DOPOSUD KVALITA
VASICH INFORMACI NEOSPRAVEDLNILA RISIKO S TIM SOUVISLE NEBO
PENIZE KTERE JSTE ZADAL. JESTLIZE V PRISTIM DOPISE NEBUDOU MNOHEM
HODNOTNEJSI ZPRAVY, POZADAME VAS O ZKONCENI NASI SPOLUPRACE.
OCEKAVAME VASI ODPOVED. AAABAA

Message 26 We confirm your message 77. We did not receive your
message 66. We appreciate your efforts to obtain reports for us,
but so far the quality of your information has not justified the
risk involved or the money you have requested. If there are no
more valuable messages in the next letter, we will ask you to
terminate our cooperation. We await your reply. aaabaa

(Here are some grammatical errors, strange/invalid message numbering and
unusual signature.)

Message No. 7

received 23.11.1984 at 9pm on 5330/6875 kHz from Athens

257

GROUPS 74

12470 21951 04011 73502 19065 77975 99514 17112 29009 75636
34329 03784 53368 62023 15870 60152 02503 23163 87456 64254
77823 74145 66560 63737 70575 37066 57859 69696 94441 81133
39859 85498 32723 26049 69182 89005 26182 80738 98773 20874
99083 62753 40438 19087 50607 39084 25800 82443 07077 76920
35598 92671 51411 04063 30574 40940 35684 36061 54195 08031
24212 70487 16944 95130 06551 57366 48562 63553 67437 98603
52020 51881 81569 16479

END

ZPRAVA 7. KDYZ NAM BUDETE PSAT, NEPOUZIVEJTE DOPISY ADRESOVANE
NA DELLAR. FRANZEN, OPAKUJEME, NEPOUZIVEJTE DOPISY NA DELLAR.
FRANZEN. TATO ADRESA TOTIZ BYLA ZMENENA. BEZPECNE JI ZNICTE.
JESTLI JSTE TAM JIZ POSLAL DOPIS, OPAKUJTE VASI ZPRAVU V
DOPISE NA JINOOU ADRESU. VASI PRATELE.

Message 7. When you write to us, do not use letters addressed
to Dellar. Franzen, we repeat, do not use letters to Dellar.
Franzen. This address has been changed. Securely destroy the
letters. If you have already sent a letter there, repeat your
message in a letter to another address. Your friends.

Message No. 8

received 30.1.1985 at 7pm on 5330/6875 kHz from Athens

???

GROUPS 124

61236 61329 32628 89855 84041 47893 82529 83214 94825 09118
45496 62197 94050 67355 59612 33309 24261 64286 75298 27969
45145 81351 07951 99888 16075 65319 21521 24708 98035 81498
59281 55014 10435 02158 91928 89942 64237 76243 94030 51044
68751 26340 76527 83287 02267 10953 46016 50355 79286 54138
67987 60226 91754 13276 86684 38808 69376 96707 91967 95613
79811 96633 68996 39557 42984 87546 12524 53686 56602 90044
72945 53689 85014 65870 94736 31452 29768 79355 41233 36739
98846 78951 51020 69535 30483 62512 88284 71090 79222 27495
86313 59392 14663 52506 73591 85071 31393 81653 76412 70557
66762 01480 08576 25882 45075 33797 67501 55107 10756 83664
71852 47621 51193 75107 55512 44816 65458 47786 27314 86160
93024 22438 51858 60399

END

ZPRAVA 8. POTVRZUJEME PRIJEM VASI ZPRAVY 9. K VULI STAROSTEM
O VASE BEZPECI JSME SE ROZHODLI PRERUSIT S VAMI SPOJENI.

INFORMACE KE KTERYM MATE PRISTUP A KTERE JSTE NAM DAL
NEODUVODNUJI RISIKO PRO VAS. DEKUJEME VAM ZA VASI SNAHU A ZA
SPOLUPRACI. VELMI JSME TO OCENOVALI. PRO VASE BEZPECI ZNICTE
VSECHNY MATERIALY KTERE MATE OD NAS. TAKE Z HLEDISKA VASEHO
BEZPECI NESNAZTE SE S NAMI ZNOVU SPOJIT. OPAKUJEME, ZNICTE
MATERIALY OD NAS A NESPOJUJTE SE S NAMI. MNOHO STESTI, VASI
PRATELE

Message 8. We confirm receipt of your message 9. Out of concern
for your safety, we have decided to cut ties with you. The information
to which you have access and which you have given us does not justify
the risk to you. Thank you for your effort and cooperation. We appreciated
it very much. For your safety, destroy all materials you have from us. So for
your safety please do not try to contact us again. We repeat, destroy
materials from us and do not associate with us. Good luck, your friends