

27364	92836	89428	81268	74982	46498	32784	31277
40932	70987	32123	49817	26346	81287	65491	87364
75654	55656	12737	72727	72727	91918	63473	67867
87629	37677	32612	53498	71296	28756	18276	98716
76329	74698	76857	98670	27601	56701	57601	73648
87364	87265	96710	27630	12673	84769	28743	98127
63298	75698	27465	87326	49876	28376	81273	98615
87432	74328	78674	29867	32867	67867	86786	43286
68768	68763	34234	34238	68768	62342	48273	48768
98432	32432	86743	43286	43286	43286	43286	43286
86743	86743	39867	32867	86743	43286	43286	43243
86743	86743	86743	86743	86743	86743	86743	86743
98798	98754	98754	98754	98754	29867	67543	67986
87698	69876	87698	69876	87612	12341	34867	86798
43298	65656	56756	56123	32143	14321	32143	14321
58765	58765	58765	58765	58765	58765	58765	58765

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #292, January 2022

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

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

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



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FOREWORD

Welcome to Numbers & Oddities #292, the first edition of 2022.

Q26 had a daily schedule from a navy ship in the Gulf of Aden / off the east coast of Africa. This is most likely one of the Chinese war ships deployed there to protect Chinese vessels against pirates.

The buzzer has been under attack by radio hooligans, jamming its transmissions. This is still going on in the first day of february. The station also has a new channel marker, a Buzzer Light ☺

We received interesting info from Polish archives compiled and adapted for N&O by the Anonymous Archivist. Thanks for sharing it with us.

I hope that you will enjoy N&O. Please keep your logs and info coming.

Attention: I would like to include more technical information about the new Russian digital modes but my knowledge about the subject is limited. If you are willing to analyse these modes and write about them in N&O, please mail me at udxf@udxf.nl

INTELLIGENCE NEWS

Reports from the Polish archives, part I by Anonymous Archivist

We start with a report of a number stations monitoring project led by the Polish counterintelligence in 1989. It mentions transmission schedules and transmitter locations.

According to the documents the CIA was transmitting from Frankfurt am Main and Athens, US/DIA was transmitting from Pirmasens and the BND was using transmitter in Freiburg/Munchen.

Apparently one or more of the number stations were fed by the MARISAT-3 satellite. The downlink frequency was 257.550 MHz. "PHOBOS" equipment was also mentioned in the report. This was used by the USA.

The excellent website of the Cryptomuseum gives more information:

CDS-501 was a spy radio set with built-in data encryption, developed in the US in the late 1970s. It was used by the CIA for Short-Range Agent Communications (SRAC) in clandestine operations during the Cold War. The set was nicknamed "Phobos" by the Soviets. The device was captured in Cuba in 1983 and is believed to have been used in Central and Eastern Europe as well. The satellite variant is known as RS-804.

The same (or similar) radio set was apparently used by the Americans in Poland, where the Polish counter-intelligence service intercepted mysterious UHF burst transmissions on 348.56 MHz that originated from several places in the vicinity of the US Embassy. They assumed that these were SRAC signals, and an operation was initiated to capture the source of these illicit transmissions. Although a lot of money was invested and a wealth of new equipment was bought and installed, the new political reality that had emerged by the late 1980s, made a capture unnecessary.

[CDS-501 \(cryptomuseum.com\)](http://www.cryptomuseum.com)

See also this related document: [Jan Bury, Project Kalina: The Lotos Operation Conundrum](#)
Cryptologia 36:2, April 2012, pp. 119-128.

The monitoring report is divided into 3 sections:

Section 1 comprises diplo/embassy traffic analysis.

Section 2 of the report is titled "Intelligence Agencies Ttransmissions" and contains the information that you can read in this article.

Section 3 is titled "Subversive and Reconnaissance Groups" (Grupy Dywersyjno-Rozpoznawcze"). It mentions:

- US Rangers transmitting from "Bad Tolz" site in Germany, Fulda-Bassum and Stuttgart/Fridrichshafen (2400-7900 khz)
- Bundeswehr - Fritzlar site at 2500-8000 khz
- French special forces at Clermont-Ferrand - 3300-8100 khz

According to the introduction to the report - "Section A" keeps a very detailed score of operator keying style, frequency drifts, modulation quirks, etc for each transmission type and transmission site and they use that info when monitoring transmissions and report all changes/differences.

Below is the summary and most interesting information from one of the documents from the archive. This is the radio monitoring report compiled for December 1989 by the "cipher" ("Section A") branch of the Security Service. These activities were coordinated by the USSR and other eastern block countries on a regular basis - so the transmitter site locations are probably precise.

Table 1 lists known transmitter sites and the number of one way ("number stations") transmissions and two way communications (with agents in the field).

CIA - transmitter site Frankfurt - 528 one-way transmissions, 124 two-way transmissions
CIA - transmitter site Athens - 455 one-way transmissions, 217 two-way transmissions
DIA (Defense Intelligence Agency) - transmitter site Pirmasens - 585 one way-transmissions, 123 two-way transmissions
BND - transmitter site Freiburg/Munich - 2202 one-way transmissions, 115 two-way transmissions
Great Britain - transmitter sites in London and Cyprus (Nicosia) - 66 one-way transmissions, 546 two-way transmissions
France - transmitter site Paris - 3 one way transmissions, 17 two-way
Netherlands - transmitter site The Hague, 5 one way, 5 two-way
Turkey - transmitter site in Ankara - 7 one way, 17 two-way
Israel - transmitter site in Tel-Aviv - 12 one way, none two-way
NATO - transmitter site in Brussels - none one way, two two-way

The report counts different types of transmission - voice, morse and binary (rtty? my own guess).

Frankfurt - 444 voice, 84 binary. 64 different schedules, 53 agents
Athens - 294 voice, 152 binary, 9 morse. 47 different schedules, 28 agents
Pirmasens - 291 voice, 54 morse, 240 binary, 48 schedules, 8 agents

Stand by, more to follow Next month, I hope ☺

VOICE STATIONS

E06

10755 kHz, 05-01, 0955 UTC. Restarts during the second message

975 148 30
72357 82328 68475 61268 63470 30437 93895 23595 05424 62803
23726 87628 74521 25484 85875 56079 75099 69133 53518 69293
56337 51831 52966 13411 96750 80289 63451 87976 86042 37868
148 30
975 014 23
29770 97164 35871 86045 84999 69504 12413 12394 82110 17749
46285 41008 01406 95246 38387 22150 98071 72337 87467 59799
18163 85031 77258
014 23 00000

16350 kHz, 06-01, 0700 UTC

13945/16350 kHz, 07-01, 0600/0700 UTC

139 574 60
15340 42274 23965 95472 32910 68910 61899 63108 32041 23967
09098 33184 25390 68362 33307 35216 89586 05152 24291 65453
18066 37407 51974 21358 12262 17992 84070 33454 59639 33418
74104 49235 71962 88968 55800 48810 82265 87284 04736 96968
23943 17590 53237 61364 40419 97750 69420 51498 98805 36355
36337 58193 06014 06998 92154 98233 50739 51963 17307 93885
574 60 00000

16350 kHz, 20-01, 0700 UTC

139 258 60
47911 77021 14760 23817 77052 28554 65522 61959 98532 60397
24989 50678 49740 07912 87024 18625 55563 53708 30583 65036
09531 27135 85863 33270 65217 55019 56815 67068 36332 55883
60925 53254 28941 94794 72229 80539 54249 41046 78484 69131
95400 95864 88439 50829 26699 82322 50135 04298 08729 14638
66187 75201 07778 89065 16969 35892 13017 63555 27648 64331
258 60 00000

These E06 801 messages were found by rando_one. Nice catch !

9463 kHz, 25-01, 0746-0748 UTC, test tones and “801”

9463 kHz, 25-01, 0800 UTC. Several restarts during the messages. The last restart was AFTER the last group that was sent and skipped one group

801 (R4m) 547 26
75779 33004 09576 79872 69439 37207 48299 52943 86637 55372
64725 86801 33231 68118 93663 89072- [1m silence]
801 (R1m)
86801 33231 68118 93663 89072 90196 69568 26894 99486
35357 19790 93722 86427 94887 45680 547 26
801 (R1m) 934 26
33481 60168 38427 38060 23924 46845 29962 15678 57735 74496
11108- [50s silence]
801 (R1m)
46845 29962 15678 57735 74496
11108 85347 73346 26667 31490 29742 31856 22493 30036 34682
93291 91774 79057 53308- [15s silence]
801 (R1m35s) [10s silence] 801 (R1m)
66935 943 26 00000

Recomposed messages:

801 547 26
75779 33004 09576 79872 69439 37207 48299 52943 86637 55372
64725 86801 33231 68118 93663 89072 90196 69568 26894 99486
35357 19790 93722 86427 94887 45680
547 26

801 934 26
33481 60168 38427 38060 23924 46845 29962 15678 57735 74496
11108 85347 73346 26667 31490 29742 31856 22493 30036 34682
93291 91774 79057 53308 _____ 66935
934 26 00000

Goup Count Cycle Net

No E06 537 transmissions on 3 and 4 January due to New Year's holidays

9349/13413 kHz, 10-01, 0210/0310 UTC

9349/13399 kHz, 11-01, 0210/0310 UTC

537 140 38
00725 11647 45793 18031 30920 99696 19363 92217 32274 52204
78839 15625 85966 36662 44682 80464 77643 79228 12298 61886
48658 89665 20513 79105 95450 27011 23668 74594 59266 16902
22002 84782 73392 56505 30033 00688 60095 67975
140 38 00000

9349/13413 kHz, 17-01/18-01, 0210/0310 UTC

13413 18-01-2022 0310 E06 USB (PY)

537 682 39
81369 95067 67245 13879 37330 38727 55128 52685 85624 38132
74926 31063 02089 81523 88130 32913 63430 13438 97479 47195
65794 46323 98782 95805 07893 94908 46517 30299 18366 31761
25374 58391 32069 87479 44960 86196 44973 43947 99823
682 39 00000

9349/13413 kHz, 24-01/25-01, 0210/0310 UTC

537 219 40
22433 91089 32871 79497 52426 97037 49833 37039 86881 18574
81458 03054 97336 77331 30610 40378 15521 94729 93227 47922
07058 29223 88323 29414 08929 32403 82221 33340 22906 84874
11717 87500 82117 97865 35854 76649 32955 91491 71005 36621
219 40 00000

9349/13413 kHz, 30-01, 0210/0310 UTC

537 860 41
31584 36358 64045 45905 19019 62190 83675 32235 70759 17351
21735 33729 33724 07202 33923 48292 69480 74812 86728 39105
22624 61594 54371 88089 31832 81318 82642 83835 13281 55953
61818 54951 71110 86745 75851 84747 14635 59006 20016 68221
86969
860 41 00000

No E06 361 transmissions on 6 and 7 January due to New Year's holidays

14925/12218 kHz, 13-01, 0300/0400 UTC

14933/12218 kHz, 14-01, 0300/0400 UTC

361 457 30
19858 55196 35856 94466 66442 57795 81121 01592 03229 33371
46425 11235 97055 80449 21055 28114 37887 55763 98207 40938
57924 38543 40240 67426 50416 93365 36598 62694 05381 17452
467 30 00000

14928/12218 kHz, 20-01, 0300/0400 UTC

14930/12218 kHz, 21-01, 0300/0400 UTC

361 982 31
54584 95046 60208 61711 79960 11118 22730 66284 68409 10085
45222 37258 16912 26147 20151 19266 35140 15166 39294 08568
66278 77505 01714 61681 73951 11445 74567 68184 49962 70598
73938
982 31 00000

14928/12218 kHz, 27-01, 0300/0400 UTC

14930/12218 kHz, 28-01, 0300/0400 UTC

361 405 32
62576 27625 44666 84313 56912 27601 23837 65573 35090 01999
33966 09950 40767 25030 00777 94370 75156 60649 08474 37005
89821 45265 07040 02482 56519 55699 45794 38456 93778 60843
25421 04465
405 32 00000

E07

11593/10293/9293 kHz, 06-01/08-01, 1410/1430/1450 UTC

916 916 916 1 1446 42 1446 42
83973 32235 48459 32453 34300 36668 84310 81649 84545 75101
59744 66577 47715 43830 60429 77178 49774 37048 26163 40422
85699 12615 51681 91552 56026 62771 36806 04987 01007 74817
81790 33946 64900 28799 22513 48636 50919 56158 96410 73064
29725 58667 000 000

14472/14972/16272 kHz, 11-01/14-01, 0700/0720/0740 UTC

492 492 492 1 697 58 697 58
77268 79568 58460 53499 57663 39832 46496 63585 47589 20506
46721 48739 74869 89679 07602 40994 42586 55944 09805 98510
81382 47789 51009 65520 51999 86349 05239 39113 20702 89588
38862 99513 71652 72318 30145 03219 31603 34442 19596 48565
73240 94570 91231 96419 10067 35259 89258 08913 00011 25559
28588 38807 76839 54029 18117 23929 68192 83906 000 000

6963/5863/4763 kHz, 12-01/16-01, 1700/1720/1740 UTC

987 987 987 1 9062 115 9062 115
83590 31862 54190 44576 80954 69640 53910 97269 01927 21789
66272 97709 36640 63147 40463 21223 27084 26024 43400 20258
26399 82018 71496 84062 72356 67449 89592 43379 99361 00195
71157 65958 32804 00229 61092 35738 02781 43082 37857 81526
09335 19658 30218 54478 86786 97229 33297 66222 63695 95461
78841 89082 55627 93683 34434 92225 85144 87391 07919 08739
98227 36342 08752 14575 88022 83762 29431 85098 82452 97975
03692 87436 82109 59794 99210 00110 03149 74194 26319 11262
34542 80114 68306 10271 23988 84875 66737 60446 86428 82228
23183 71173 03910 69603 89061 47865 54602 66221 68949 62228
06178 58704 81451 61174 49681 97478 46416 19082 03597 62611
97881 07333 25333 68576 54422 000 000

11593/10293/9293 kHz, 20-01/22-01, 1410/1430/1450 UTC

916 916 916 1 9929 67 9929 67
51892 59615 74347 37391 42281 59807 74649 27708 93444 26757
59790 54814 60303 40864 79375 22026 85965 25354 91905 20936
71571 94603 84671 12015 08585 89808 13421 43384 35749 96846
78184 68771 07618 86186 90306 96719 59114 01698 43659 39190
46403 33542 64098 51281 79979 48721 67215 45983 87829 09628
35122 65382 13087 01573 44011 32831 08535 13538 66815 34458
54681 30162 64742 67228 91402 40891 74037 000 000

14472/14972/16272 kHz, 25-01/28-01, 0700/0720/0740 UTC

492 492 492 1 1709 58 1709 58
95273 96700 58325 01291 99884 27457 85511 02261 04426 12886
24953 40754 76165 53012 88601 29619 03149 46970 90463 00821
00150 65314 11909 66403 42498 22909 82740 53422 35149 90229
11345 46620 89010 32399 00189 47838 41826 04492 84723 95689
50772 72419 74364 82595 37530 55501 51607 33881 98097 55589
22529 77699 04677 44474 84243 69895 44818 33652 000 000

6963/5863/4763 kHz, 26-01/30-01, 1700/1720/1740 UTC

987 987 987 1 670 87 670 87
90412 20621 53413 78970 82437 29056 84609 46607 67643 09231
79805 20817 76921 38290 30810 84942 16979 56737 94142 74173
62048 74892 53902 80145 92091 25750 43965 77605 90702 31400
33665 98599 51914 50803 60006 32975 77101 00414 81984 06190
44992 40800 82626 67005 97908 77003 69120 19009 24464 97141
73116 81589 09161 94925 55602 89122 16120 71361 51908 47214
98241 81218 55116 89196 21708 77604 81491 08188 71802 68034
84021 07013 57233 12407 42865 79117 68709 63695 67569 22516
18827 28590 07892 67337 65908 79012 91246 000 000

E07a**5877/5277/4577 kHz, 19-01, 2100/2120/2140 UTC**

825 825 825 1 02698 704 92 704 92
14975 13302 97798 17099 74604 91011 90269 01586 68035 34690
23895 87892 32040 95382 83659 97793 12499 95996 75686 06506
58270 78478 79971 13883 17027 18737 32259 56851 51445 85043
94208 05617 57879 47719 14738 21608 69951 75100 86590 21255
64497 67621 16034 69145 83125 19712 33444 61505 29463 71862
61023 23250 54615 33055 21445 82814 84076 82277 78422 93927
39847 35363 91467 68631 38216 62971 13930 06010 76530 13453
68026 44550 93963 53013 88797 11922 46448 32687 11956 16319
62501 52879 40682 49043 55383 41159 04725 83683 88315 14660
32522 63766 000 000

5111/5811/6911 kHz, 20-01, 0530/0550/0610 UTC

189 189 189 1 02698 704 92 704 92
14975 13302 97798 17099 74604 91011 90269 01586 68035 34690
23895 87892 32040 95382 83659 97793 12499 95996 75686 06506
58270 78478 79971 13883 17027 18737 32259 56851 51445 85043
94208 05617 57879 47719 14738 21608 69951 75100 86590 21255
64497 67621 16034 69145 83125 19712 33444 61505 29463 71862
61023 23250 54615 33055 21445 82814 84076 82277 78422 93927
39847 35363 91467 68631 38216 62971 13930 06010 76530 13453
68026 44550 93963 53013 88797 11922 46448 32687 11956 16319
62501 52879 40682 49043 55383 41159 04725 83683 88315 14660
32522 63766 000 000

E11a**4909 kHz, 01-01/02-01, 1530 UTC**

360/38 Attention
50369 56673 95084 22965 39930 86642 50759 67791 77302 11600
25229 59766 07836 89261 31378 23458 25294 53142 17688 07091
03302 07461 45932 49388 93619 67979 69415 62838 33316 30946
04975 46317 51871 77659 12670 58702 54755 72163
Attention (message repeated) Out

7840 kHz, 04-01/06-01, 0645 UTC

519/38 Attention
45819 72392 21903 06004 76580 34696 41856 24305 49580 50424
50110 82081 52031 70133 17796 33514 19292 44852 95953 02085
25757 40171 38117 73303 90708 93969 89079 64968 20370 92262
22889 97803 39490 03936 54463 95217 02994 69889
Attention (message repeated) Out

6804 kHz, 04-01/07-01, 0700 UTC

573/33 Attention
93879 47837 71899 30443 95652 76735 14205 25519 99245 05793
39172 99031 30744 44774 75605 69771 15877 20807 90143 40493
22083 08378 94421 94447 47215 64329 41323 07836 98765 09779
00663 20533 91098
Attention (message repeated) Out

4909 kHz, 10-01, 0450 UTC

410/38 Attention
05946 50286 76020 62571 52103 69047 05332 62305 77803 72036
68100 89707 54146 80551 78741 62607 38204 93733 54176 08200
81884 58683 29294 26608 12467 69674 19251 86103 35880 96423
25292 18606 87390 61690 92984 51794 33304 68990
Attention (message repeated) Out

16005 kHz, 10-01/12-01, 0640 UTC

948/23 Attention
44389 01617 10519 50524 85134 07963 16672 95826 21788 53556
29638 38887 81990 84418 03988 72914 97458 46821 55615 40042
61700 43566 39426
Attention (message repeated) Out

11104 kHz, 10-01, 0715 UTC

753/38 Attention
30883 48713 77227 03023 81971 93497 32771 56883 20512 35111
46825 32180 85155 32980 32269 49446 03636 42633 93269 77580
71943 45414 63712 15683 87962 38399 00012 64655 41706 12813
34244 41015 92996 02422 61174 77405 00565 35260
Attention (message repeated) Out

12067 kHz, 10-01/12-01, 0845 UTC

716/35 Attention

33397 28235 01723 46180 42439 20684 62951 16632 12434 34813
83810 42893 82283 72883 75527 11396 53723 49947 23740 94855
54395 54464 82477 67593 03620 13971 30020 11143 33082 51149
73794 35331 58390 75671 01350
Attention (message repeated) Out

11092 kHz, 10-01/12-01, 0900 UTC

530/32 Attention

36139 59192 97982 26013 08741 66508 17561 24851 91036 17000
78676 06857 74753 89294 56122 09911 71230 33719 94260 25140
29527 16879 09746 42866 98506 35078 26261 96926 48063 32827
14334 83271
Attention (message repeated) Out

4909 kHz, 10-01/13-01, 1300 UTC

315/30 Attention

66554 32711 36608 88428 00619 98946 15662 68228 01607 03014
77159 69869 65241 48413 99954 80056 89583 36180 51602 02057
97521 19229 78519 52594 77628 57371 86063 66972 74163 20180
Attention (message repeated) Out

14611 kHz, 11-01/12-01, 0820 UTC

130/36 Attention

42916 52894 23731 34250 18468 19498 73507 28174 96299 23098
99363 31832 41156 59609 99738 10398 89158 91109 41484 85938
16759 24178 18392 40669 28178 17736 63264 49202 10215 87210
44822 10202 15481 40778 52433 94288
Attention (message repeated) Out

9079 kHz, 11-01/14-01, 1000 UTC

300/22 Attention

15119 15431 98279 12513 64969 41136 16518 30604 96315 11527
21467 99927 39591 79946 28667 13766 71071 83576 16320 05036
07669 69738
Attention (message repeated) Out

13363 kHz, 11-01/15-01, 1430 UTC

912/32 Attention

14776 45959 03822 91064 31651 77626 47696 68914 50718 46541
58071 53936 97737 06625 56282 00969 90011 84016 30521 41605
17250 87760 59104 42485 96198 94351 19664 42492 02876 64199
24073 34418
Attention (message repeated) Out

5082 kHz, 12-01/14-01, 1715 UTC

972/32 Attention

21238 27703 35278 74036 06903 10042 33054 27378 82507 16067
25175 30082 38238 47429 34736 08287 88987 92938 17339 75611
44095 71946 80881 55282 59494 13932 11300 81375 80200 82075
00064 22038
Attention (message repeated) Out

5149 kHz, 13-01/14-01, 0820 UTC

436/35 Attention

04197 13152 43693 70001 27860 81050 48391 44433 39680 65240
30766 09548 15538 26971 67071 44011 29603 58266 65723 86652
35757 94409 94824 10005 16135 96831 96049 91485 24370 18037
72105 53937 04059 95222 26447
Attention (message repeated) Out

5779 kHz, 13-01, 1730 UTC

410/38 Attention

05946 50286 76020 62571 52103 69047 75332 62305 77803 72036
68100 89707 54146 80551 78741 62607 38204 93733 54176 08200
81884 58683 29294 26608 12467 69674 19251 86103 35880 96423
25292 18606 87390 61690 92984 51794 33304 68990

Attention (message repeated) Out

10213 kHz, 17-01/20-01, 0745 UTC

269/38 Attention

95414 87736 89173 48009 86821 99192 96248 26110 98377 66431
90595 91053 92315 54839 19376 58834 07480 46337 47132 43777
60841 27486 28836 14857 33052 29046 69334 74659 21834 28149
67894 50367 49518 09360 76373 67782 88766 36411

Attention (message repeated) Out

14940 kHz, 17-01, 0830 UTC

180/21 Attention

27275 58137 70243 94190 93269 52044 75542 58051 33219 80917
42282 52078 57107 32100 37598 74948 27755 64396 79255 06178
78069

Attention (message repeated) Out

6849 kHz, 17-01/20-01, 1900 UTC

644/36 Attention

57678 02548 57277 37277 16016 97121 21593 33276 75583 98193
44003 83527 00607 60098 74451 08922 98444 17976 45219 10873
81966 90508 02226 84366 07125 56028 47733 17237 92171 04503
51628 34934 60491 54937 91386 26706 21487

Attention (message repeated) Out

13908 kHz, 18-01/20-01, 0745 UTC

221/33 Attention

13938 75834 08505 00204 49987 39341 38177 07885 75039 31994
35250 88263 22239 84115 18286 04629 83092 53975 46810 27180
55222 90957 13827 83745 92825 81817 22595 34936 71008 33690
52928 23319 78624

Attention (message repeated) Out

6433 kHz, 18-01/19-01, 1205 UTC

464/34 Attention

71626 69836 51808 63797 59094 09256 97960 59999 34252 49793
10119 43650 33679 0532 81675 15873 44097 33004 07156 20143
23633 55142 60451 81447 76865 50919 27669 21239 09244 72656
54066 51764 04428 18215

Attention (message repeated) Out

9052 kHz, 19-01/20-01, 0315 UTC

255/33 Attention

82293 89601 66672 42882 41471 08719 37714 59252 98176 90647
26055 86993 95284 13576 75554 28113 56504 41529 02613 91619
30453 27443 64806 53486 27182 18583 54530 74977 24332 68743
89357 74839 82317

Attention (message repeated) Out

17378 kHz, 19-01/21-01, 0745 UTC

346/34 Attention

46742 08873 34331 00227 50184 31515 36057 99432 11859 63737
43831 05247 94767 59834 94858 22526 63529 78542 90411 30839
05366 38910 83332 65121 16775 14440 05005 55543 79692 50156
55661 83283 64098 98201

Attention (messages repeated) Out

7469 kHz, 19-01/20-01, 0930 UTC

279/40 Attention

11815 64186 92218 10515 87772 95527 35147 21515 09740 15542
03676 98754 01441 12805 77510 13258 07038 49845 27665 51361
76172 40989 31280 04007 19564 78369 86835 83283 45624 20358
41680 47636 45519 66364 47446 30529 72463 29770 29473 27492
Attention (message repeated) Out

4505 kHz, 19-01/22-01, 1910 UTC

390/31 Attention

96772 80839 47600 21297 55286 54385 77826 36859 12435 25809
47322 40980 10540 54499 79558 14493 28581 96677 01933 17938
36847 57735 69376 29488 25973 42012 21582 24823 22674 31642
72790
Attention (message repeated) Out

14940 kHz, 21-01, 0830 UTC

180/21 Attention

27275 58137 70243 94190 93269 52044 75542 58051 33219 80917
42282 52078 57107 32100 36598 74948 27755 64396 79255 06178
78069
Attention (message repeated) Out

6849 kHz, 21-01/23-01, 1815 UTC

926/35 Attention

44576 60401 28855 35049 97103 65187 50335 56973 84104 73101
13547 54338 44816 56483 61512 49439 25470 84124 80501 64599
12005 23249 24556 89973 23652 51096 11561 30365 52205 70961
79772 77652 85064 14124 24791
Attention (message repeated) Out

5371 kHz, 22-01/23-01, 0730 UTC

496/32 Attention

74005 04447 21779 68216 90241 90719 69932 24753 58442 94858
66477 18894 50903 38486 26481 27844 40737 97268 91132 04869
76303 95273 07307 48081 63130 67290 51933 57604 87611 17156
30166 83435
Attention (message repeated) Out

7984 kHz, 24-01/27-01, 1045 UTC

693/40 Attention

02637 44429 34745 19439 39430 57363 11026 09764 09740 34330
08467 87837 30514 13422 46827 35914 12073 39455 19716 30014
88129 18202 82863 49947 64386 33632 61537 98039 82062 04106
20051 29281 07775 03393 24039 98244 99999 00666 01566 11638
Attention (message repeated) Out

9130 kHz, 25-01/28-01, 0715 UTC

635/38 Attention

93150 25426 20673 76380 94354 34062 61574 38676 52377 57343
09021 17356 07042 98899 01372 59854 85407 74884 01975 56417
83329 77449 42529 11980 15150 79265 25734 75998 70368 46220
27693 18853 22417 32257 25124 79833 88565 29005
Attention (message repeated) Out

13046 kHz, 25-01/27-01, 0845 UTC

157/23 Attention

09757 06654 99336 72001 69088 64391 10207 04478 04975 53330
09648 39324 07488 20237 83811 11073 37076 88394 24421 60742
96934 44977 71366
Attention (message repeated) Out

5432 kHz, 25-01/30-01, 1605 UTC

230/31 Attention

49094 61115 01883 89054 52474 41670 02497 20927 22177 16363
56206 14254 66549 79203 67252 95384 79429 13688 68022 63777
06309 24445 66584 54895 27065 28639 73586 16296 26674 33400
35517

Attention (message repeated) Out

5082 kHz, 27-01/30-01, 1330 UTC

527/33 Attention

38885 24293 72684 70523 42553 71665 12343 07036 64735 79582
59086 39516 39062 13071 86085 49139 29542 29441 93817 93336
10753 30196 69500 70584 62933 68046 27466 22532 07938 57809
76720 26846 49527

Attention (message repeated) Out

7850 kHz, 28-01/30-01, 0600 UTC

352/35 Attention

98607 93118 20076 73145 99422 50056 33784 62267 32371 73569
58823 84993 89918 08657 87020 08838 07848 68186 95683 09080
57738 85045 30116 94077 02144 78705 11834 84531 40123 55231
13774 31310 73233 15040 25339

Attention (message repeated) Out

10487 kHz, 28-01/30-01, 1910 UTC

618/37 Attention

92794 75877 98275 16497 52914 88373 93368 02830 20742 10502
24550 21982 54645 68182 44586 23737 35893 27613 05667 78663
35692 60727 52697 19835 39279 26610 36444 80225 19158 98420
46333 76874 38786 43028 03573 59652 51393

Attention (message repeated) Out

E17z

11170/9820 kHz, 06-01/13-01, 0800/0810 UTC

217 408 5 81413 94073 83531 94063 63156 408 5 00000

11170/9820 kHz, 20-01/27-01, 0800/0810 UTC

217 490 5 13621 26252 82057 44817 89106 490 5 00000

S06

11073 kHz, 11-01, 0740 UTC. Restarts during both messages

352 698 17

11005 46033 47972 56824 47681 13967 25538 09808 16794 72589
44410 35228 10407 29375 52687 02159 91834
698 17

352 761 40

87213 70579 01208 40467 77924 48876 36227 32349 16861 19197
56169 24438 92604 41519 21251 94449 51927 15597 34713 56936
24273 72118 42354 74677 97507 20209 13796 93776 37123 12218
10179 90881 66098 11732 67966 15970 47573 75746 53559 83138
761 40 00000

9463 kHz, 14-01, 0925 UTC

Restart during the message.

The transmission ended at 0935z with carrier going up and down.

Windows XP "ding" sound at 0936z. This transmission was followed by M14

801 976 18

34168 06455 04468 67970 30441 81365 22829 59184 85399 59884

80419 04071 54169 23760 91632 77792 03556 36977

976 18 00000

S06 480 on weekends from Orenburg has resumed. The signal still comes from Orenburg. Note that the message is a repeat of January 16/17th, 2021, almost one year ago! Only the message id in the preamble is different, last year was 480 576 44; the rest is identical.

7377/5410 kHz, 22-01, 1300/1330 UTC

9946/8095 kHz, 23-01, 1300/1330 UTC

480 236 44

78430 31192 49124 23068 95405 58261 82515 27048 56151 54890

39941 74423 34229 30007 61753 67546 19795 69197 29868 40529

18027 92425 68208 21206 48133 98220 41359 58310 86475 50996

73201 71458 72797 15128 28810 62853 29344 45434 04714 58814

36804 26660 57159 43347

236 44 00000

The January 29/30th messages are again a repeat of last year, January 23rd/24th, 2021. The only difference is the message id.

7377/5410 kHz, 29-01, 1300/1330 UTC

9946/8095 kHz, 30-01, 1300/1330 UTC

480 791 45

27968 41395 63128 96786 40981 20337 35927 48027 34648 30416

98984 84605 62433 92695 18405 48811 46057 69549 98345 46084

51275 56631 32823 11662 61147 39116 81816 88102 52005 49441

82278 69397 10380 76271 14863 88731 73774 73536 63766 95243

28064 45881 72465 94685 14422

791 45 00000

Group Count Cycle Net

No S06 842 transmissions on 6 and 7 January due to New Year's holidays

16243/13469 kHz, 13-01/14-01, 0830/0930 UTC

842 169 50

84109 39469 04391 83389 44325 73547 41639 13201 57600 92951

63463 44691 18601 74210 43504 76022 42925 94211 35705 99452

79521 11055 72329 60159 48599 72342 99184 01114 09713 74357

65236 79916 89708 20551 08812 68549 25227 52787 07568 71971

99436 53779 84417 26501 77697 44152 86600 63922 71838 22573

169 50 00000

16243/13469 kHz, 20-01/21-01, 0830/0930 UTC

842 765 30

67235 52022 27560 80166 27377 57305 66178 81069 04841 78788

91601 34057 78345 85149 97583 34737 35092 33170 46906 66415

13651 00927 31105 67517 84838 10935 79918 47551 75270 66663

765 30 00000

16243/13469 kHz, 27-01/28-01, 0830/0930 UTC

842 905 31

56433 11320 39706 64801 98114 88950 14878 80349 97234 06194

83052 99648 29126 58934 94714 05472 34384 58811 26397 47161

68099 98155 99109 01516 48027 09556 69908 99392 31355 68486

38796

905 31 00000

S06s

No regular 172 schedule on 11535/11830 kHz at 0830/0930 UTC

9921 kHz, 06-01/13-01/20-01/27-01, 0830 UTC	172 172 172 00000
9379 kHz, 06-01/13-01/20-01/27-01, 0840 UTC	172 172 172 00000
11550 kHz, 06-01/13-01/20-01/27-01, 0850 UTC	172 172 172 00000
12142 kHz, 06-01/13-01/20-01/27-01, 0900 UTC	172 172 172 00000
13375 kHz, 06-01/13-01/20-01/27-01, 0910 UTC	172 172 172 00000
13875 kHz, 06-01/13-01/20-01/27-01, 0920 UTC	172 172 172 00000
14986 kHz, 06-01/13-01/20-01/27-01, 0930 UTC	172 172 172 00000

8812 kHz, 20-01, 0930 UTC

698 204 5 83630 93731 58291 64212 67195 204 5 00000

(S06s 172 00000 on 14986 kHz in the background)

S11a

8102 kHz, 11-01/14-01, 1020 UTC

425/35 Vnimanaye

10495 13950 03988 69898 93682 95499 90891 87457 43762 15752
99210 67671 50937 72294 11097 11469 53508 34669 50745 05208
00158 06920 16167 91453 51934 16006 03063 96591 57071 46198
44808 14099 72577 76058 05969

Vnimanaye (message repeated) Konets

11486 kHz, 12-01/15-01, 1850 UTC

285/37 Vnimanaye

34324 65329 03705 27939 84324 24575 08254 58596 06614 53923
65468 75528 28332 38909 22345 94103 30019 37016 19173 01573
06380 35355 84932 83463 92697 10823 39926 67082 79488 82090
74686 36239 12590 94878 34507 18911 69267

Vnimanaye (message repeated) Konets

9050 kHz, 17-01/20-01, 0700 UTC

479/38 Vnimanaye

18968 75752 53181 41911 09271 06950 91956 24384 57792 00509
65877 98490 53136 58796 40410 95130 88867 98237 79920 27016
32432 95901 21012 62177 99241 51393 18467 06454 69475 72157
13277 33485 87208 88518 37927 89470 65121 78351

Vnimanaye (message repeated) Konets

6252 kHz, 17-01/21-01, 0915 UTC

487/39 Vnimanaye

09602 68997 64931 99742 45309 42005 32741 88727 27641 87108
10128 56694 65771 65231 21989 58643 78900 49446 39991 53630
21437 20145 11814 58586 26091 91303 08190 86932 77320 69210
94783 37732 93572 23855 94550 20824 72013 76845 45887

Vnimanaye (message repeated) Konets

12530 kHz, 18-01/20-01, 0500 UTC

382/37 Vnimanaye

98747 45539 12729 10251 39450 78560 64637 20971 59007 61259
87751 06909 92684 36059 83130 57465 17813 27668 07940 28216
89026 12213 53932 82338 81287 87413 44470 39218 69312 85504
68663 63969 88026 79188 40409 53790 86848

Vnimanaye (message repeated) Konets

5371 kHz, 22-01/23-01, 0830 UTC

378/39 Vnimanije

90408 11310 66518 26847 50596 97493 42423 15092 55163 53651
18425 83705 80502 84679 96906 57595 81009 62025 76798 34697
52226 72626 14831 20952 07372 82216 12970 47274 28101 59878
27332 43610 60291 56262 31421 27379 40833 47286 61670

Vnimanije (message repeated) Konets

9057 kHz, 24-01/26-01, 0510 UTC

651/40 Vnimanije

31595 41753 40307 35937 43323 37116 69716 40099 64567 63019
85202 11993 41462 90974 12268 55004 01122 57153 77104 01923
98798 47666 74061 77890 34002 91621 64539 29212 88331 41144
02972 74311 79275 89124 71546 12243 07341 46123 04738 69017

Vnimanije (message repeated) Konets

V07**15893/14693/13893 kHz, 16-01, 0100/0120/0140 UTC**

868 868 868 1 161 68 161 68

80331 07529 64469 15055 39967 59161 45135 65445 90971 24990
53224 56902 01366 51187 42529 40774 02839 71845 88098 65671
17825 93542 31560 50051 18685 37851 44553 36488 73329 92475
85317 89330 21023 75630 23428 72589 03013 00858 25001 38146
59127 70380 23717 39976 44216 30221 51788 37043 06684 44169
31409 08520 57093 13044 44788 78331 10165 14600 40937 65562
77490 11168 50067 33663 15383 07132 77321 97132 000 000

15893/14693/13893 kHz, 23-01, 0100/0120/0140 UTC

868 868 868 1 2858 128 2858 128

04036 01407 98042 56671 00351 94755 38830 89662 40202 23432
68289 07856 99542 19941 90922 25146 97615 62535 58528 37581
48145 72627 69940 28054 85690 16082 66187 92604 39925 69850
49605 87294 96722 66421 88698 63689 24572 96360 31121 39853
15721 43673 12515 83562 25689 87648 09223 06809 47088 13400
23099 15651 41107 50208 08728 19187 22004 11067 13462 41991
95277 55345 21847 34500 64767 23284 13725 48459 39657 28303
86133 24757 08051 64840 13627 72108 42267 59193 44803 29190
53193 12970 85543 49149 91942 81104 03878 92335 92574 33334
44342 59154 04141 68492 73005 19712 91877 08311 80755 71713
04930 61554 16255 09696 81499 88672 46595 92040 24525 53083
83549 47021 32257 62698 12660 00613 76689 56095 42792 28417
58597 95142 38222 62785 39254 37742 50536 58639 000 000

15893/14693/13893 kHz, 30-01, 0100/0120/0140 UTC

868 868 868 1 164 120 164 120

52298 36151 18098 98570 86307 20797 68509 66514 45177 11412
03408 20105 73223 59234 93550 32067 43877 66612 32220 68817
53289 26804 69877 46544 43132 17498 12040 15791 24959 71416
07442 91772 39266 81187 78368 64890 57144 50427 23964 70155
15374 20266 18731 77722 65574 96140 84012 84544 39122 45035
07270 57826 17671 55516 73896 84003 19329 92923 90089 56620
06282 70237 96647 72033 99311 68622 65119 99747 24000 85908
49723 58435 84645 04809 24828 09798 30722 51928 05068 85545
21263 69416 65795 62506 62621 44280 78018 31307 19639 08851
85033 03278 90770 00208 75207 43252 71939 06343 08796 78396
70728 62762 73513 47530 90815 78121 09445 34780 49504 67697
41053 97326 21655 90448 47884 40285 30951 55385 67383 39674
000 000

MORSE STATIONS

MX

7611 kHz, 11-01, 0550 UTC	Beacon V
10871.8 kHz, 11-01, 1020 UTC	Beacon V
5342.1 kHz, 11-01, 1029 UTC	Beacon V
3657 kHz, 12-01, 2020 UTC	Beacon V
3227 kHz, 15-01, 1845 UTC	Faulty beacon V sending VI and VA
5342.1 kHz, 19-01, 1100 UTC	Beacon V
7611 kHz, 19-01, 1100 UTC	Beacon V
3657 kHz, 28-01, 2126 UTC	Beacon V
3227 kHz, 28-01, 2126 UTC	Beacon V

M01

5810 kHz, 01-01, 1500 UTC

197 202 202 30 30 = =
37654 09876 23671 56243 98063 12789 34761 87123 98035 11009
54378 96745 12354 09876 45673 37765 98076 11998 22334 88765
34781 98063 19840 76041 56743 88076 11234 11122 87690 33221
= = 202 202 30 30 000

5465 kHz, 02-01, 0700 UTC

197 189 189 30 30 = =
89001 67675 54356 78096 77665 12345 67890 09876 54321 64537
76859 03456 72345 15647 87564 89706 45372 66578 16754 90876
18890 19986 03068 19316 67584 84576 23789 05678 13567 90876
189 189 30 30 000

4490 kHz, 06-01, 2000 UTC

197 241 241 30 30 = =
38495 96875 10345 85764 75103 75629 86751 85764 93756 75867
11003 44076 27564 95866 10564 74635 27564 85912 96874 10928
34765 10984 12376 45364 11004 (8876 8866 6578) 46578 22001 33221
= = 241 241 30 30 000

5810 kHz, 08-01, 1500 UTC

197 847 847 30 30 = =
47564 83746 22665 84756 33665 00876 66554 98877 54645 56745
55664 98709 35465 37465 88776 99087 77556 47568 45544 34565
83746 75648 47567 44665 00987 57685 77745 57465 47564 56455
= = 847 847 30 00

Note:

Groups 18 and 19 were sent twice, as follows:
47568 47568 45533 455 47568 47568 45544 45544
Only one ending group count and two ending zeros

5465 kHz, 09-01, 0700 UTC

197 375 375 30 30 = =
06453 77556 36457 84756 99006 77465 56475 01928 43987 78436
18276 73485 83475 83746 02998 33665 74657 88447 99380 11332
23874 55664 77446 85475 34857 99448 00229 34985 55667 88899
= = 375 375 30 30 000

5320 kHz, 11-01, 1800 UTC

197 409 409 30 30 = =
 44657 90789 24355 10190 39847 58700 38476 58767 87809 46537
 44354 05987 11324 75867 97809 47635 22768 95867 14325 57648
 76485 98098 25436 85768 06987 22341 35426 47635 47567 14234
 = = 409 409 30 30 000

5810 kHz, 15-01, 1500 UTC

197 113 113 30 30 = =
 89076 23456 12345 67890 09876 54321 45456 78097 23456 17175
 30890 67589 33456 76579 12123 90908 67584 23456 90806 36790
 11223 67895 33675 75874 90877 68907 57865 24456 10270 03068
 = = 113 113 30 30 000

5465 kHz, 16-01, 0700 UTC. Last group was not sent

197 068 068 30 30 = =
 34780 90765 12345 67890 09876 54321 67584 09812 34343 70709
 24567 80809 33445 15155 19980 19970 03060 22334 15678 56790
 23456 89098 23234 90876 47834 09890 34657 11234 23456 4
 = = 068 068 30 30 000

4490 kHz, 18-01, 2100 UTC

197 567 567 30 30 = =
 57640 45908 23456 90766 23234 12345 67890 09876 54321 45678
 11223 45456 78789 19970 19960 19980 45654 73435 22334 90987
 40958 78786 23456 09098 12123 45674 80807 22334 67890 23565
 = = 567 568 30 30 0000

5465 kHz, 23-01, 0700 UTC. Error in red

197 678 6778 30 30 = =
 65432 12345 67890 98765 77887 44554 23456 99876 45623 88009
 44466 12345 54321 67890 09876 66778 33445 66554 56789 00880
 34567 87654 33445 76890 65432 23456 09876 34567 668877 66887 99087
 678 678 30 30 = = 000

4490 kHz, 25-01, 2100 UTC

197 515 515 30 30 = =
 56478 90765 12345 67890 09876 54321 36728 16165 89076 11115
 56567 89065 78654 12345 67890 54321 09876 23234 11223 56476
 77665 88990 34562 76584 12897 36521 91087 66890 75584 33221
 = = 515 515 30 30 000

4490 kHz, 27-01, 2000 UTC

197 199 199 30 30 = =
 90765 34256 78654 90908 12345 67890 09876 54321 23231 55667
 45637 89076 56564 72896 90235 54387 12126 78564 23234 89746
 09234 16167 84573 57849 23456 12345 12345 78906 25643 15154
 = = 199 199 30 30 000

5810 kHz, 29-01, 1500 UTC

197 156 156 30 30 = =
 16758 90564 78567 12345 09876 45678 12234 15156 19980 76895
 89897 34783 78786 61676 90907 23456 12345 89897 09876 54321
 30308 28287 17648 93647 24245 67895 05786 25643 78786 19826
 = = 156 156 30 30 000

5465 kHz, 30-01, 0700 UTC

sent only 29 groups

197 228 228 30 30 = =
 56478 98980 57648 23456 78901 65743 12345 67890 09876 27278
 38467 98980 67674 25463 73456 15156 78945 09876 23148 78956
 09875 26274 89456 13265 78789 45456 78365 10809 24531
 228 228 30 30 = = 000

17472/16272 kHz, 06-01, 0100/0120 UTC

429 429 429 1 548 86 548 86
07270 54812 91761 49726 61300 72096 64757 65834 97540 61276
15900 50425 51888 96142 73673 47849 67299 81355 13527 92749
39530 85308 62596 55069 90844 41780 09139 57833 39461 41083
77061 44996 96978 67502 92358 87104 41421 37226 39236 71121
85156 62394 68094 26942 02284 31345 78237 74546 58469 76273
92553 86211 95144 54233 80385 67718 15090 22157 92501 12545
74439 99717 08956 25069 66692 09688 74651 02126 20347 58922
04809 67389 38970 31217 31516 22497 86999 13719 07025 01989
55708 16747 61804 25439 92125 65590 000 000

11439/10339 kHz, 06-01, 0110/0130 UTC

432 432 432 1 314 68 314 68
16027 52088 09667 25407 53229 16373 34786 60441 07270 41743
15388 71635 02562 41680 76930 01941 89432 39790 90601 28298
71502 55453 37604 81536 29232 55433 17083 80309 88510 47064
05934 77349 77193 51096 76522 08879 81508 54864 34154 51071
85130 63475 14193 40288 61586 57547 86973 01899 57244 91874
40024 12756 65377 54662 61178 65710 65353 42318 08817 21544
08145 42055 97117 31624 70282 24851 53913 58285 000 000

15953 kHz, 07-01, 0030 UTC

294 294 294 1 6205 80 6205 80
83556 11641 95865 32438 31334 16367 72258 63272 22631 53517
73382 98187 65581 53419 58692 31327 70592 09894 58835 41029
81941 26188 16796 61206 58030 58257 56270 98570 71041 01841
49217 71933 27765 31897 29170 69448 07732 96079 49546 12935
00601 44570 05267 23963 59373 03745 62499 69255 85809 06296
92518 16398 15350 75863 32202 55213 19787 18708 26638 78680
54964 15149 64103 34392 22930 49034 07328 98054 54467 22063
93436 78311 06238 30929 86315 35590 97006 93520 65764 64980
000 000

17418/16318 kHz, 1400/1420 UTC**17418/16318/14918 kHz, 10-01/13-01, 1400/1420/1440 UTC**

439 439 439 1 492 61 492 61
81579 58884 25371 55465 30875 96735 79240 80062 20107 91909
17842 28827 65472 52619 82212 10119 55856 53191 99147 34858
51862 53285 85620 27131 03986 60943 50824 90307 50477 82140
05936 40608 25939 49702 30667 62335 52811 09583 76276 54062
32816 75394 79807 44201 14454 08049 25402 19254 26394 22206
85423 97744 18752 13312 61792 58764 88856 81393 72918 90454
35638 000 000

17418/16318/14918 kHz, 24-01/27-01, 1400/1420/1440 UTC

439 439 439 1 3763 75 3763 75
40578 54714 20028 00512 91067 26041 21184 55840 66562 90158
08185 90005 46297 85173 21314 36939 04864 48260 51107 76787
00100 56001 76450 40479 04884 31107 88080 22066 60704 03407
00974 68910 30026 19459 68587 30403 01726 82394 39762 92785
18606 46352 08595 79162 04651 39613 91258 90572 17139 40107
11415 80145 07331 57470 70876 02184 82237 36515 00527 43289
56361 09978 70485 98895 61138 95449 72341 71012 15927 68134
75367 47294 05674 64087 42361 000 000

6937/5737/4537 kHz, 2210/2230/2250 UTC

6937/5737/4537 kHz, 10-01/13-01, 2210/2230/2250 UTC

975 975 975 1 446 81 446 81
52319 18408 30293 40381 09260 98887 84269 45956 60913 07246
63686 43187 66978 51174 54672 12357 01975 06401 33573 72212
67474 63512 56323 71468 36687 18084 20796 43089 24790 50794
01916 42800 93155 17278 42254 39977 97477 04262 53166 73574
30736 93865 43896 41833 35955 07003 23867 41203 95148 50886
12240 88720 74856 73275 82970 38126 69419 73018 99431 43711
71561 72771 81391 99811 11296 65849 08135 73440 69644 42739
71318 02478 76728 22394 89615 94981 03968 70620 40030 67297
42658 000 000

6937/5737/4537 kHz, 24-01/27-01, 2210/2230/2250 UTC

975 975 975 1 388 79 388 79
12015 85094 52130 00750 96980 06272 43013 21279 20361 65242
11357 86014 38396 10896 98142 74860 80410 18110 31117 29820
10103 60616 21258 19138 82177 08818 36342 86652 86691 54115
57179 27438 06319 74773 80943 48583 30866 83090 51835 20145
66150 74954 25606 45288 01291 24854 09505 49196 78046 68855
60942 14761 12508 82449 17001 93570 69690 45147 79186 73099
04056 79224 58312 77596 37229 61967 08852 50590 63860 54086
54786 86781 08417 93347 24923 87657 92281 42983 48787 000 000

11079/10279/9179 kHz, 2300/2320/2340 UTC

11079/10279/9179 kHz, 10-01/13-01, 2300/2320/2340 UTC

136 136 136 1 731 56 731 56
62405 32809 70561 89262 65719 80796 01565 66197 91307 44172
67014 66004 80425 56130 32623 24968 26853 75975 32917 20280
81484 78885 33154 96828 13266 00908 62439 94996 22627 48685
80196 36958 63408 73533 49767 71264 33940 26448 65662 11996
70187 01843 99152 99073 67842 05191 75744 97671 09596 02508
84941 10426 58187 48999 67363 49524 000 000

5886/6786/7486 kHz, 0030/0050/0110 UTC

5886/6786/7486 kHz, 11-01/14-01, 0030/0050/0110 UTC

874 874 874 1 6149 61 6149 61
50238 29785 18949 99573 51039 74497 46324 83474 00024 88141
66650 01060 36946 31286 45308 30432 57566 76738 26095 46170
39734 69052 11094 14453 93058 63053 03330 57129 93714 59675
67392 68926 43481 79152 69356 85139 60388 95192 22587 84410
75232 31953 34662 42570 49561 05613 02212 78040 49452 04606
12222 94127 28548 47741 98687 60332 01199 57458 01262 81914
82586 000 000

5886/6786/7486 kHz, 25-01/28-01, 0030/0050/0110 UTC

874 874 874 1 4975 57 4975 57
28091 49364 31292 68680 53795 03189 54494 60122 04021 44086
71396 68311 84727 22981 18659 77970 49812 09146 93164 11207
21715 56539 45834 05150 13061 64807 74575 68671 90512 57072
75890 30550 42067 20795 95179 56012 21627 66930 93852 02105
32070 23834 29699 81012 06625 33471 54333 11464 53290 49154
03609 64457 88485 64533 18870 43622 58753 000 000

16357/17457/18357 kHz, 0800/0820/0840 UTC

16357/17457/18357 kHz, 12-01/16-01, 0800/0820/0840 UTC

343 343 343 1 684 81 684 81
71282 30282 37404 09165 91030 95612 47393 20752 36228 56246
10608 86235 68442 02826 87914 09348 96921 13109 55437 91670
17204 97750 25617 48196 30544 83497 44731 70879 20317 75536
39308 44943 37007 30046 50980 59855 01441 62140 00923 54009
87026 04010 92467 36678 25267 64459 90890 82119 59702 43934
71117 40660 03193 34458 66577 72712 44827 72933 75402 04557
94869 46589 98691 12234 87655 12512 04445 69777 87989 52012
45123 19527 90844 69140 17020 12085 83829 11131 07648 89340
94394 000 000

16357/17457/18357 kHz, 26-01/30-01, 0800/0820/0840 UTC

343 343 343 1 3197 92 3197 92
03335 78080 88980 22541 07763 96441 55747 91580 81919 77927
09766 66851 46910 40282 97293 10623 83942 73150 66249 02117
10988 49966 37252 72776 28092 68692 66179 56629 80319 87625
03006 28022 21996 97775 37173 34616 61728 42411 97256 81049
00178 50478 95832 27604 67690 31570 04881 26710 47703 36931
07042 78267 68281 84395 80229 80168 13342 91938 55948 79994
21700 20556 00211 60768 48195 98719 61974 65718 01464 20101
37966 05702 19502 58324 92756 93001 49193 54200 31395 02748
63604 59746 68938 59815 61787 40936 70034 55979 18844 60551
11363 05026 000 000

6782/5882/5182 kHz, 2000/2020/2040 UTC

6782/5882/5182 kHz, 12-01/14-01, 2000/2020/2040 UTC

781 781 781 1 133 88 133 88
31009 43099 70483 08791 75453 65050 60382 41275 24192 73249
60947 64295 07744 13682 33758 97284 67486 64715 25134 18762
04813 68676 61897 99906 40942 78210 56043 58811 05142 95701
81239 13388 06531 84783 42589 83430 59359 58969 87513 25870
62057 23451 96541 10736 87506 93143 44763 70248 33341 42969
89823 59521 22560 36910 88010 11846 90352 96532 79488 20341
01663 72227 45667 50712 22340 18407 98361 57437 56058 26815
21617 76453 16825 85035 43478 13404 76254 09296 57093 64357
88750 86639 37681 56316 02757 48456 65610 55137 000 000

6782/5882/5182 kHz, 26-01/28-01, 2000/2020/2040 UTC

781 781 781 1 255 63 255 63
32591 73003 77778 63544 82916 38899 30531 72031 00365 75221
71681 47526 18628 83368 20953 37528 64727 67777 34017 47152
85500 36961 42091 23934 46779 78817 42823 20695 35600 13410
77590 72995 65531 86809 71855 76475 18118 96339 55949 62115
04099 56681 40061 01215 68654 42331 97607 77610 84516 52244
83160 73403 38325 00760 47054 97747 55467 66042 55723 23795
89983 21986 75621 000 000

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

13386/12189/11491 kHz, 13-01, 1110/1130/1150 UTC

725 725 725 1 5534 96 5534 96
21709 63053 83409 02910 56831 00107 29315 27472 54129 91633
59551 53499 61981 99357 27294 05642 93871 24709 93475 44310
98160 87510 07979 23268 41257 82430 61542 12263 58698 14782
11625 85582 53204 92458 00632 64376 45619 45293 57347 26549
99192 05399 41827 07119 39522 37260 98876 54688 82299 48167
55346 93978 33799 52052 60221 17538 45585 45416 15995 55303
17530 43134 27584 77834 08991 01266 64596 60271 13064 39058
77953 28610 30478 82627 75023 68247 10689 94953 83077 09386
12871 17627 45148 23689 32189 34242 64486 92967 28679 31695
63482 80087 74100 90289 04917 55386 000 000

13386/12189/11491 kHz, 20-01, 1110/1130/1150 UTC

725 725 725 1 3827 46 3827 46
93232 28007 26788 00441 39722 64777 96864 56285 02215 97671
52013 05016 80237 58033 37591 16663 97952 65634 96126 99830
06347 77102 39477 00711 92783 75221 27252 24584 93610 92356
92720 89409 24980 67854 54862 65683 51662 90054 20581 44704
24800 43094 33564 17360 66202 49057 000 000

13386/12189/11491 kHz, 27-01, 1110/1130/1150 UTC

725 725 725 1 9063 42 9063 42
91460 10485 35548 68398 03441 55875 54847 18080 26343 81643
30541 57055 62720 87077 77485 49912 48432 49321 38534 08145
10966 55797 58821 78306 93853 82145 58561 38776 82455 50326
15175 72337 34231 73207 80637 79208 88873 07703 05492 39148
27248 18798 000 000

14377/13461/12114 kHz, 1130/1150/1210 UTC

14377/13461/12114 kHz, 17-01, 1130/1150/1210 UTC

317 317 317 1 8365 91 8365 91
82718 64085 68554 50292 36819 81744 49028 06135 97253 07304
89048 24520 57540 78273 98842 63278 17605 58646 60930 11846
25665 90612 81838 70485 81707 99530 45716 61056 42427 41542
17997 07585 95218 24772 60920 67523 73019 76735 95196 99334
04815 07780 31258 64111 66323 08051 74282 25858 99831 72500
48128 40684 27172 99436 15521 77005 82956 92998 28016 27102
88248 93910 70536 97613 69444 25459 05076 99567 63891 23747
41066 83806 38320 19766 92937 31522 98984 85317 61503 79680
25077 21682 77586 58471 55680 77900 35729 37211 79490 96637
85864 000 000

14377/13461/12114 kHz, 24-01, 1130/1150/1210 UTC

317 317 317 1 4558 95 4558 95
25522 12799 02538 11367 78779 56458 51162 29965 95533 26542
06118 37727 47213 80906 11608 23337 91927 90088 41690 13495
26470 89025 04357 38933 89122 95706 89985 27128 00827 08016
34057 25150 32056 10595 66743 71842 14533 48803 75615 80256
02160 66529 06738 86612 21467 00595 79372 93837 73512 08327
13033 88489 61661 13919 47344 96247 27313 48943 19030 67890
79132 30594 15917 97437 33578 57947 27340 35090 43091 69861
82527 34446 50012 41513 47423 93552 68338 91066 90524 32877
43727 07397 08920 67732 21944 32179 74877 21067 18086 01227
64544 24383 85500 50148 56151 000 000

14377/13461/12114 kHz, 31-01, 1130/1150/1210 UTC

317 317 317 1 5101 99 5101 99
 56820 08263 21663 34052 79626 44732 59072 11646 67407 33413
 36501 50566 51938 31931 18596 95653 10699 83957 06080 58013
 24092 51641 04034 44939 91360 47681 14410 70674 77546 66635
 08724 00487 74839 50827 47192 26894 80220 27279 66807 29241
 67461 26892 41548 61526 87120 89119 24487 06608 69245 41410
 03973 86153 25609 07667 95430 95676 65918 94759 45175 03254
 75731 58663 30396 76510 50173 54770 52128 18592 18015 41218
 47058 73006 11868 09104 90588 79019 32596 82530 77531 99435
 50169 42261 83803 95990 83796 14279 74754 20892 50922 49591
 30437 12198 90473 36350 87974 84472 29255 70483 99912 000 000

5778/6778/8178 kHz, 2200/2220/2240 UTC**5778/6778/8178 kHz, 21-01/22-01/28-01/29-01, 2200/2220/2240 UTC**

771 771 771 1 1103 162 1103 162
 31418 83663 16747 55823 43080 36796 71737 14935 56831 81095
 07200 92070 38834 57397 53064 45068 23751 88434 60718 76171
 01148 52048 51153 47242 69625 75822 42220 79226 89995 57804
 78954 05105 92652 45479 70858 39866 32030 95345 43237 20261
 49559 58456 89059 41607 96059 84762 80215 38374 36384 81830
 97566 31680 82933 56277 93566 00334 23158 49487 22289 87891
 36506 92151 24095 73909 29799 22770 26527 57387 93381 25144
 62928 76315 38662 06573 75672 70452 60065 82113 29188 07099
 30444 66852 88900 58508 37150 32912 34641 35656 24863 32904
 99069 66575 17088 11524 58777 63149 53083 04167 24703 74601
 47686 68068 31283 67639 05606 33423 20813 82929 58645 50586
 14938 21722 14024 82991 37584 47876 49956 11957 16930 46182
 92156 70033 37439 55061 85612 82207 82670 68689 39599 47932
 14391 26831 93427 82304 95622 01986 55563 55342 28898 03045
 81464 69804 37432 15459 60976 03674 91763 58546 40559 46938
 84776 09996 41534 84510 53847 08813 72977 58537 84190 67752
 51447 70416 000 000

M14**17458 kHz, 10-01/25-01, 0930 UTC****15994 kHz, 11-01/26-01, 0930 UTC**

617 490 490 158 158 = =
 12794 90874 13616 31746 94976 31600 57743 50595 18266 21218
 47642 14871 81522 75609 22177 57407 93475 79521 80375 43446
 25987 12414 14096 09044 35926 34119 38865 20663 67803 94482
 65012 35276 56170 52700 09488 74865 49734 67158 82965 70337
 00960 42853 66848 39835 84478 92670 68205 97020 14585 01914
 30084 89627 34255 68068 96351 52774 07700 99342 25782 49371
 16287 94233 55318 17065 81997 07257 43386 41807 67396 64937
 13312 99800 15848 59556 22577 01061 91734 79453 89987 51811
 16680 40421 54493 36306 06897 43771 51514 55343 90054 82688
 98318 51415 33893 18610 11002 05799 68825 03372 92120 16089
 29541 87560 82837 53040 55646 31353 06986 76388 66499 97324
 15242 80970 21158 71476 82869 44580 89482 39776 58091 99185
 54416 59411 08242 35502 00016 32194 43537 05310 43359 96568
 47853 52162 10138 53106 37338 01760 93561 19204 85887 69069
 48069 33079 02122 69803 04620 39618 65629 39870 06682 39576
 29688 59347 02245 52351 98050 25715 59824 77008
 = = 490 490 158 158 00000

**9463 kHz, 14-01, 0937 UTC, ICW. This message was preceeded by S06.
One transmitter interruption and restart during the message.**

801 457 457 23 23 = =
73285 75754 10380 91946 04063 51499 75240 13091 54820 34681
59115 77266 24616 52753 17496 22065 77059 77054 48558 20767
65546 84510 61616
= = 457 457 23 23 00000

No transmissions between 1 and 9 January (Russian holiday)

12211/10243 kHz, 10-01, 0500/0520 UTC

952 360 360 52 52 = =
33730 01406 45313 29626 85744 17455 48318 72801 14145 80964
67827 52344 82680 81938 85196 06646 16384 85954 05330 20365
14216 41110 10194 85730 24302 97962 77265 88541 42702 47150
86363 36068 21664 04366 63293 69032 98269 97388 33749 24860
79447 34855 85900 44388 44256 61450 65122 39215 49398 29214
49270 61887
= = 360 360 52 52 00000

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

952 417 417 52 52 = =
73771 56078 19651 74381 40788 03715 33383 84774 21249 47604
56378 95507 43836 55850 27561 68266 27310 48896 57326 70921
65497 43172 39521 06183 14295 04998 14697 96600 60465 13168
76815 86861 76307 53680 40599 49291 93519 95017 11712 03532
40202 17441 27004 86309 38556 94718 56832 32240 50109 51740
86957 51602
= = 417 417 52 52 00000

12211/10243 kHz, 12-01, 0500/0520 UTC

952 380 380 51 51 = =
14348 57417 78528 79257 15430 67233 47597 14291 87759 58358
68867 40170 71342 29916 08440 14820 67878 25824 38027 32419
01371 06614 37801 56409 76893 11975 52862 20560 79672 24955
57998 71541 81703 73762 10438 51435 48064 32102 95282 43631
60126 03984 93295 30533 97853 03939 25745 36520 48359 68588
55983
= = 380 380 51 51 00000

12211/10243 kHz, 13-01, 0500/0520 UTC

952 146 146 57 57 = =
65359 66793 79785 46361 74734 56204 97254 74350 60778 31276
68631 70223 29509 93936 37817 99741 16065 26500 24449 76506
40464 64185 55295 62650 29863 00174 58241 82537 05757 15357
79813 54123 59561 49989 12173 67685 65006 59416 40525 66606
00789 21078 46869 09886 81910 84966 31042 21092 23154 84727
34974 53413 83113 51592 81115 25518 62239
= = 146 146 57 57 00000

12211/10243 kHz, 14-01, 0500/0520 UTC

952 146 146 57 57 = =
65359 66793 79785 46361 74734 56204 97254 74350 60778 31276
68631 70223 29509 93936 37817 99741 16065 26500 24449 76506
40464 64185 55295 62650 29863 00174 58241 82537 05757 15357
79813 54123 59561 49989 12173 67685 65006 59416 40525 66606
00789 21078 46869 09886 81910 84966 31042 21092 23154 84727
34974 53413 83113 51592 81115 25518 62239
= = 146 146 57 57 00000

12211/10243 kHz, 17-01, 0500/0520 UTC

952 634 634 51 51 = =
79841 46047 40649 25496 03771 64580 37038 72442 95434 67237
70348 30823 04996 95822 79561 20337 29851 06820 69630 53409
45480 19408 20304 23101 63744 00680 80997 21193 42060 05267
37633 16134 91885 11535 62387 45540 59969 21555 82289 02933
80780 17030 27603 23397 23577 88364 45934 97863 82534 79067
92992
= = 634 634 51 51 00000

12211/10243 kHz, 18-01, 0500/0520 UTC

952 170 170 67 67 = =
09174 19269 13369 66181 87737 37577 95163 40378 54646 00867
00949 44018 86544 29547 93684 71466 28087 86015 56043 64481
05038 58933 05518 56499 89425 07746 10796 23257 96441 65899
01593 00711 17757 26192 89129 56171 20950 56678 39442 23599
69748 20590 66707 39000 44742 98690 38786 36854 69286 37513
12144 93519 70258 71911 38371 28542 28371 95367 09462 99814
97722 76489 34053 53528 99270 45136 61808
= = 170 170 67 67 00000

12211/10243 kHz, 19-01, 0500/0520 UTC

952 348 348 51 51 = =
35866 13190 35384 13926 17831 85163 44972 05276 65751 51234
60705 75987 05218 06520 68997 87199 62307 58334 66054 93174
49416 49103 41228 01764 86347 55552 41696 41615 55091 56353
79447 40808 11731 85413 66475 46591 03917 12998 89139 40932
67348 21872 57622 31555 99688 70645 91419 23141 35370 61519
26807
= = 348 348 51 51 00000

12211/10243 kHz, 20-01, 0500/0520 UTC

952 167 167 51 51 = =
63921 47378 13248 74605 11884 27890 66859 35725 71736 43268
48450 87774 55501 94810 45439 47517 20306 09733 76785 99182
09442 90206 56950 08012 88831 39460 45103 60068 14848 44600
78031 20511 94411 20875 10170 27508 23319 47040 09202 63982
13723 46533 80663 74380 46715 94127 19983 18645 10945 52771
15413
= = 167 167 51 51 00000

12211/10243 kHz, 21-01, 0500/0520 UTC

952 803 803 61 61 = =
74827 45704 72795 81693 67834 03981 22885 88079 91451 40566
98590 31964 44971 15268 90721 01252 12226 43804 35658 41793
17172 94479 92475 11727 39345 84173 16638 18727 43850 47084
97473 76102 05604 74663 51596 38678 32495 50184 89479 04401
17165 26366 97356 92604 72076 19513 01650 34873 27586 18590
08090 39438 97682 32675 32749 15052 43092 25233 67144 65265
86430
= = 803 803 61 61 00000

12211/10243 kHz, 24-01, 0500/0520 UTC

952 461 461 58 58 = =
12975 13983 87174 44781 70569 10873 07132 76684 63624 08588
81616 97311 01033 33297 25043 71576 46593 75166 19084 37017
08878 56424 46722 42807 80015 44044 49450 04484 53098 55506
49793 85338 72878 31052 06363 40405 99459 70888 93603 83982
89666 60767 23449 66631 25769 34379 51051 72579 46265 46005
31780 73476 58398 51861 21681 99429 37102 23563
= = 461 461 58 58 00000

12211/10243 kHz, 25-01, 0500/0520 UTC

952 671 671 55 55 = =
 88999 13224 96768 98819 16654 98542 70618 64395 26471 58785
 34933 38093 38680 53951 59018 87999 76501 89094 87856 12522
 74524 24919 38795 42625 83646 71269 12805 16831 39803 99487
 99964 27395 88636 34540 83870 61131 83318 12876 74667 83282
 97707 16937 25372 37914 22018 22278 11189 63231 33196 18211
 76501 45292 57203 87924 79228
 = = 671 671 55 55 00000

12211/10243 kHz, 26-01, 0500/0520 UTC

952 346 346 51 51 = =
 26506 44014 13395 02122 43084 00583 06711 31522 56446 60422
 77194 71131 44248 17253 95665 61150 13036 06516 27882 48123
 59276 04272 97770 44818 87514 11737 78872 31227 34098 67657
 24956 51352 69906 55702 75717 85500 80519 89055 98530 02734
 47265 59418 52156 23198 77587 82573 83366 44995 58162 57739
 92422
 = = 346 346 51 51 00000

12211/10243 kHz, 27-01, 0500/0520 UTC

952 187 187 51 51 = =
 26260 36185 10961 22143 47304 58057 55061 73662 46623 96374
 20761 00369 09385 47247 15056 44445 57516 50378 61722 26112
 73827 03382 41688 89245 48877 89885 02260 91246 49033 13577
 96125 41824 29160 55399 36088 20395 38377 96082 76453 26792
 92307 71189 57022 44946 10330 50869 70608 24260 41055 61509
 40038
 = = 187 187 51 51 00000

12211/10243 kHz, 28-01, 0500/0520 UTC

952 340 340 51 51 = =
 93345 67533 92479 29466 11706 14766 40867 07809 61914 40604
 55653 67816 82870 02605 14929 26481 67221 77453 44389 98582
 95389 74854 05511 31329 77508 90961 81487 27761 39209 81057
 59344 51118 12192 56149 31699 27346 15514 33187 66572 87936
 38548 93573 18716 20291 61529 29673 80870 17781 74640 83982
 98414
 = = 340 340 51 51 000

12211/10243 kHz, 31-01, 0500/0520 UTC

952 176 176 54 54 = =
 81165 94337 51082 25906 62900 26205 77886 54472 65325 69405
 14777 71019 46726 60648 46762 82746 29107 15002 49449 44028
 41052 33965 98176 45787 83348 27311 45985 49110 15798 40890
 31380 67783 88651 07576 01808 29443 67116 63540 63795 70027
 22368 97057 95694 41218 87499 22003 83946 35558 01851 93253
 68832 58924 92154 06171
 = = 176 176 54 54 00000

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

5980.5 kHz, 09-01, 1014 UTC	=991314??8????? =991315??8????? =991316??8?????
4171/5980.5 kHz, 09-01, 1048 UTC	=991348??8????? =991349??8????? =991350??8?????
3185//4171 kHz, 09-01, 1652 UTC	=991952??8????? =991952??8????? =991952??8?????
3185//4865.5 kHz, 09-01, 1803 UTC	=992103??8????? =992104??8????? =992105??8?????
4991.5 kHz, 10-01, 1256 UTC	=99?1556??9????? =99?1558??9????? =99?1600??9?????

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

4945 kHz, 10-01, 1259 UTC, i.p. 1S61 1S61 AR

M51a / M51b

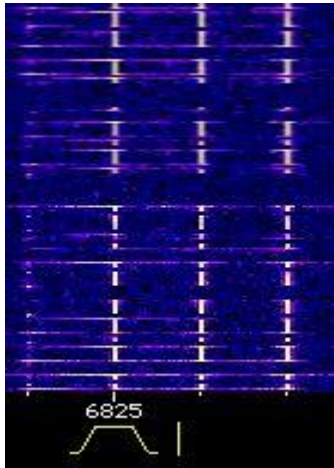
M51a: 3881//6825 kHz, 02-01, 0900 UTC

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

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

DIMANCHE 6/LEÇON NUMÉRO 2/1 VITESSE 420 CLAIR =
VOILÀ MAINTENANT PLUS DE 21 ANS QUE LE CROSS DU SERVICE DES ESSENCES DES ARMÉES RÉUNIT PLUS D'UNE CENTAINE DE
CONCURRENTS SUR SA LIGNE DE DÉPART. L'OCCASION POUR LES PERSONNELS DE DIVERS HORIZONS DE PROFITER D'UN MOMENT
DE PARTAGE ET DE CONVIVIALITÉ AUTOUR DE CET ÉVÉNEMENT SPORTIF ATTENDU. MATIN DU 11 MAI 2012, LE COMPTE À REBOURS
A COMMENCÉ, LES PARTICIPANTS ATTENDENT AVEC IMPATIENCE LE DÉPART DE NOTRE ÉPREUVE NATIONALE QUI RASSEMBLE UNE
FOULE HÉTÉROCLITE, COMPOSÉE DE MEMBRES DU SEA, DE L'ARMÉE DE TERRE, DE LA GENDARMERIE ET DE PERSONNELS CIVILS.
8H45, C'EST PARTI. +

CQ DE FAV22 VA



M51a changed its appearance.

First reported on January 7th

M51a: 3881//6825 kHz, 09-01, 0900 UTC

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

DIMANCHE 1/ LEÇON NUMÉRO 1/1 VITESSE 420 CODÉ =
JHFRD NJSDE ZPOYT QRWET IYUTO POLKJ ZCXVB MNJHB ASFDG 13957
VXSGW ., 'AS VA QDSSG LJPUO NVBFG YRTQW ASZXA QPLIH BCVDN HDYEI
10369 VXSUW 'AS?., TRYEU QEWAR BCXDS MJKHU RQEOH BGHVT XAZSQ
MNKHJ 47850 BQTBS VAAS/?. XCZPQ MLHPI XASQW LCMEY RGSOW XCADQ
PLKMO ZXCVD 75301 XUWDL ./?.,= PLOIU BVDGW QTYRE ZXQWU PRUTY
BDGRT XCSRW OKRYU 85247 GRWTJ /?.,' FBFBI PLOIU VZBQI ETFGR
'AS./? NVDME 52036 VDGFS SHGCD AZSQL MNEYH DJFVO ALKCJ QWIVJ
BDGVX 50369 QAVNR 'VA+.? CBXZN MLFKE CALSD ETFUB+

DIMANCHE 1/ LEÇON NUMÉRO 2/1 VITESSE 420 CLAIR =
LA COMMUNAUTÉ NATIONALE CONNAIT VOTRE COMPÉTENCE ET LES ÉMINENTES QUALITÉS NÉCESSAIRES À L'EXERCICE DU MÉTIER
DES ARMES. ELLE DOIT AUSSI MESURER LES RISQUES QUE VOUS PRENEZ, LA PASSION AVEC LAQUELLE VOUS REMPLISSEZ VOS
MISSIONS, LES RÉSULTATS QUE VOUS OBTENEZ SUR TOUS LES THÉÂTRES D'OPÉRATIONS. JE M'Y RENDRAI PROCHAINEMENT POUR
MIEUX CONNAITRE, SUR LE TERRAIN, LES FORCES ET LEUR ACTION. JE M'INCLINE DEVANT LA MÉMOIRE DE CEUX QUI ONT DONNÉ
LEUR VIE AU SERVICE DE NOTRE PAYS. JE TIENS AUSSI À ASSURER DE MA SOLIDARITÉ TOUS NOS BLESSÉS, QUI PORTENT DANS LEUR
CHAIR LES TRACES DE LEUR ENGAGEMENT, ET LES FAMILLES DE CEUX QUI ONT ÉTÉ ÉPROUVÉS. +

CQ DE FAV22 VA

M51b: 3881/6825 kHz, 20-01, 1445 UTC

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

The spaces between the messages have been added afterwards

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

VXBSG ZTQFA KLQMP AIKDG ETSFZ WCQHA 26718 NDGET SCWVD 35427
KLQHR BXHRT ZUSHQ WVXCD AEZYU JKOLP QMATY BCHDF XHSUJ ETSFZ
IKOLE SGAUE XVSQG WNDXC DFEJQ LAMPW 36278 BXHDU ZJWNQ KLAUH
IORTD CGDUE SHQJZ WBSJE DHAIJ DGSKL NWJHG FVXCD FUYTI HDNXV
IKDGR FHBCV DFDFF ETSGD XHSFE ZYSUA JNWDH SJHUI TGFHE KHFT
GHFGC VBGHY JWKSL QMLAO LUJHG VNJKL XNDHT JKILD XCSVZ KLHGF
56473 SGETF XBDGE XGSTE ZHUJ QKAI 46378 45381 SUJAU OLETD
QMLAO 26480 JDGTE XVSFZ QHAJF VNDKI RUHFG CBXHD ZUJSL IKLOJ
KQUET FCBF DHGXV CNFGC DTFGR SHJAK WLKQO MAPKI NBHTG

M51b: 3881/6825 kHz, 27-01, 1444 UTC

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

The spaces between the messages have been added afterwards

GBXVD QJAUD WNQMA QPLHJ FGCVR QKJHF VXBET SFQGA JKWIR TGQLP
YHDJZ BWNBJ AUJQK 28765 01753 GBCHS WBSJA WNQJK AIKSL QMAPH
YUHDJ SJBSF VXHSF QHAUJ WNQKA IKDGV 63784 BGCJD XNSJR SJHQK
HBCJD WVSJZ 3764/ WNHSE QJHAU RTDGC XMLQI KDHSB XNDGR SHGIM
KJFHC XNWS ZIJAK WKQLA YHDOL 67849 NXKDJ SHWBS IJDGZ WNBCH
UJDKL WNBCH DFZRS WBWNU ZHSGQ AJHJU 78356 WBXVD QJHND UJDHB
WCXVS QHAMQ WNHZI JQKAL HNBCH DUJXB VWGDT ZRFSX WNBHU UHFGC
VXHSD WXCSE ZYHQK WNBHX ZUJAL KNJUH BXHDF 65382 BXNSH JQHBX
WNBCH FGDHZ WJQKZ HBXKS IAJHF BXNDK SLKWH DYXHR SKZLF

FSIIF VNFJD BCTWL CBXND QIWUD CNCZZ MNHLP YVBFS QEAXC 32569
VCSGW ,.VA'/ QRXVC VMFKE PTOIY MJFSD AQEZC VNFMG LGKHI POIUY
87965 NCJKW .?AS', NMGKT LHPTO YHJJD RFNAR CBDVJ ZXSDW QAWOY
OPIYU 45698 BCSHW .?,' LGOTM VCGFB ZCSFW BGHUT LHKYP ERTWY
QIUOF MVNFH 02368 BCSMW ?.ASVA, MBNCX VFGER POQAS XCFDE JGHNF
LKWUE VBCND MLFKG 54796 BSHWL ='/.? ASQEX VMDSD EWGDD LKGI
'.,? NCDJE 25893 HDJEE LHKTP ZCXAQ BFGEE SHQUK KDLCX ASDWG
VBNFK 26318 BSHWK 36980 KHJCM LGDHJ CBETJ AQWOT

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

CNDJE QATLD BVCNE ZMALO OWLPS SHDYE BNNXM AKQIU KFJEI 23658
VCSBS .?,ASVA IWQEI VXFSE AHQUS VDGWT SHGYW NCGET SAGQY VXTEU
11976 LMPHO /=.VA' BCGCS SALQO ZNXBS DJWUG SLOWP SNDNW SKAYU
PWOIE 89650 BXCSD ,AS.,/ CXRSY KOSPO BAERE BVNDJ LKOEI DGFWT
CXZVA NCBYU 32980 NVHEI .,/? AQPSL MXZNA LAPQI BCVSN SKAOQ
XMLJA SHQUX VCBCH 45873 LPFOE '/?+. DKWJH BCNSJ CXGAE CBNSW
+.,/' CAZQS 58236 FZDQH VCBHS LKOEI CXAHQ BCNDJ KSLQI NVBDH
XZKIW 25869 LMPOS ./?'VA ZAKLD OQPKX BVCNS MXJSI

Réseaux F9TM

3536 kHz, 20-01, 1803 UTC, CW

Réseaux F9TM: non-stop 5-character groups composed of M51a messages.

3536 kHz, 20-01, 1920 UTC, CW

Réseaux F9TM: CQF CQF DE F9TM K. CQF CQF DE F9TM FIN DURZO 73/88 <SK> 73 73 / 73 / 73 VA VA

3536 kHz, 27-01, 1901UTC, CW

F9TM wkg various stations

M89 - Chinese Military

10151 kHz, 08-01, 0047 UTC, i.p.

EX 0807 K

= = C3WA/G75. AR K

OK GA K

NR .. CK 35 ...

R QSL 0853 K

HR MSG GA K

GA

NR 3020 CK 35 67 0108 0854 RMKS 2225 TO 22.3 K

R GA

= N3AU 6DN3 U356 D6T5 3DT7 N5A4 4AN5 ..

3689 kHz, 19-01, 1200 UTC, i.p.

= K2BB/S3S4 AR

NR NR 2001/EX 1950 RMKS =

H467 TO H887 AR =

K2BB/S3S4 AR QSL ? K

R NR 2001/EX 1950 RMKS = S467 TO H087 AR =

K2BB/S3H4 AR K

R NR NR 2001/EX 1950 RMKS = S467 TO S087 AR =

K2BB/S3H4 AR K

= K2BB/S3H4 AR K

R QSL 1952 K

R OK R HR FF GA HR ? K

R GA K

R NR NR 2001/EX 1950 RMKS = S087 TO S467 AR =

K2BB/S254 AR

NR NR 2001/EX 1950 ...

3750 kHz, 20-01, 1215 UTC, i.p.

R QSA 2 QSA K

R QSA 2 K (Both stations on this frequency)

R IEC = 1871 AR K (Exercise related)

R IEC = 8838 AR K

R GA

R OK

FF NR 1342/EX 2015 RMKS 8824 TO 8868 =

S7MK/E2CW AR

F NR 1342/EX 2015 RMKS 8824 TO 8868 =

A7MK/E2CW AR K

R QSL 201. K

U F GA K

R FF NR 7319/EX 2017 RMKS 8868 TO 8824 =

S7MK/E2CW AR K

FF NR 7319/EX 2017 MKS 8868 TO 8824 =

S7MK/E2CW AR

R QSL 2018 K

R OK

R 7G NR 1343 CK 2... 0120 000 RMKS TO 8868 = 4NAU ...

4526 kHz, 20-01, 1855 UTC, i.p.

DTA7 T5DA 5U7N D6T4 NUDU 6N53 55DU ...

AR K

R

R RPT 1P 31W TO 32W = 4T4D 4T4D A35D A35D K

R RPT 1P 33W 3N3T 3N3T K

3596/4888 kHz, 27-01, 1924 UTC, i.p.

T665 6434 4A7N AT66 744A N5UN 4457 5A6A 5675 ...

AR MSG NR 0122 CK 96 43 0128 0320 RMKS 3999 TO ..29 3624 3539 =

4726 kHz, 27-01, 1931 UTC, i.p.

V QPL(x3) DE 4WQ (x2) (R5) QSA ? K

557A 4776 AU7D 4TND ADN6 T3TA 4TU7 5U37 TAT3 TADU T35N 4U3A TN4N 3766 ...

4352 kHz, 28-01, 0912 UTC, i.p.

VVV F6C DE UAL QSA 0 QSA 0 UI UI 24 U 24 QSA 0 QSA 0 UI UI 24 UI UI 24 K

VV F6C DE UAL QSA 0 QSA 0 UI UI 24 UI UI 24 QSA 0 QSA 0 UI UI 24 UI UI 24 K

11223 kHz, 28-01. 0829 UTC, i.p.

QSL 1645 AR K

R HR 7G GA K (Both stations on this frequency)

R GA

7G NR 4.22 CK 35 67 0128 1636 K

R GA

BT 4NA. T57A U6D3 N3T5 7U4D A6U7 3T5D 6A3N U5N4 D47T U63D 5DT3 ...

AR

R QSL 1643 K

R HR 7G GA K

R GA

7G NR 5132 CK 35 67 0128 1644 RMKS 22.7 TO 2256 AR K

GA

BT 66AD 4DT4 U.D. N46A D467 T7UD 37U4 4A67 7U46 66T5 ...

AR K

R QSL 1647 K

R SK SK

SK SK

8665 kHz, 18-01, 0026 UTC. XSG: Shanghai Radio.

Same type of message as sent by M89. Probably weather reports interrupted by a traffic list.

NET = N/W NR 110 =

N/W XSG NR 110 CK 95/91 17 1638 =

3337 5300 6U (stopped)

VVV (X3)DE XSG (X3) HR TFC LIST AS

HR TFC LIST BT AR DE XSG K

M95 - Chinese Military

7345//9054 kHz, 08-01, 0015 UTC, M89: CW, i.p.

7345//9054 kHz, 08-01, 0020 UTC, V26: USB. Repeats M95 messages in Chinese voice. Female operator

773 353 U.3 544 4TA 445 4DT III

U4D 334 ANUD 4DU 3DA AR

A HR UP SB WK

9153/7553 kHz, 08-02, 0015 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

9153/7553 kHz, 08-01, 0031 UTC, M95: CW

BNEC DE XSV70

MSG PSE CY

NR 022 CK 99 35 0108 0715

.UT3 .. 3A4 TT7 773 .. (Repeats message)

4243 kHz, 12-01, 1146 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243 kHz, 12-01, 1153 UTC, M95: CW

VV HR 7G TO YR PSE CY

NR 012 CK 77 35 0112 1523 =

5AA UTT TAU 3U6 7TA N44 3A4 5T7 5TD 75U ...

AR MSG AGN

NR 012 CK 77 35 0112 1523 = (Repeats message)

AR A HR MSG GA

NR 24 CK 223 35 0112 154A =

UTU ATU 3U6 3A4 7TU TTA NU6 7T5 777 .3A 336

N3U 76T 773 7UT TTU 773 354 377 N3D 35U 4TA

446 336 447 34U N3U 445 4D6 ...

6419 kHz, 12-01, 1128 UTC, i.p.

MSG NR 2712/CCK CK 59 74 0112 1928 RMKS 8144 TO 2444

= = 75UA 73U5 7D63 DT47 57T3 UA73 U6AU 6UAT T54U T345 ADD4 ...

4364//8073 kHz, 12-01, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

4364//8073 kHz, 12-01, 1141 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)

HR MSG GA PSE CY

NR 0040 CK 309 35 0112 1617 =

TAU 3U6 3A. 3U7 TAU 773 357 4T3 NN3 435 ...

4243 kHz, 18-01, 1145 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243 kHz, 18-01, 1151 UTC, M95: CW

VV HR MSG TO YR PSE CY

NR 024 CK 61 35 0118 1519 =

5AA UTT TAD 3U6 3A4 5T7 5TD 75U 354 377

4TN 346 N3D 4TA 445 346 N3U 447 3DA N3D

3D3 4DU 377 N54 4DU 5TN 75U 354 377 4TN

33N N3D 4TA 445 346 N3U 447 3DA N3D 3D3

4D3 377 N54 4DU 5AA 75U 354 37D 4TN 33N

N3D 4TA 445 33N N3U 446 467 3DA N3D 3DU

4D3 AR MSG AGN

NR 024 CK 61 35 0118 1519 = (Repeats message)

AR A HR MSG GA

NR 36 CK 220 35 0118 1600 =

UTU TAD 3U6 3A4 TTU 773 ...

4364//8073 kHz, 18-01, 1141 UTC

V BNGC (x3) DE XSV85 (X2)

HR MSG GA PSE CY

NR 0052 CK 362 35 0118 1627 =

TAD 3U6 3AN 3U7 TAU 773 TA7 773 357 4T3 NN3 ...

4243//9054 kHz, 19-01, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 19-01, 1151 UTC, M95: CW

HR 7G TO YR PSE CY

NR 38 CK 182 35 0119 1544 =

UTU TAN 3U6 3A4 TTU 773 353 N3D 35U 4TA 447 ...

4243//9054 kHz, 20-01, 1146 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 20-01, 1148 UTC, M95: CW

VVV HR MSG TO YR PSE CY

NR 028 CK 25 35 0120 1526 =

5AA UTT TUT 3U6 3A4 5T7 5TD 5TN 75U 35A

N3D 353 4TA 445 3DA 4D3 5AA 75U 35A N3D

353 4TU 445 3DA 4N3 AR 7G AGN

NR 028 CK 25 35 0120 1526 = (Repeats message)

AR A HR 7G GA

NR 40 CK 125 35 0120 1533 =

UTU TUT 3U6 3A4 TTU 773 35A N3D 353 ...

4364//8073 kHz, 23-01, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

4364//8073 kHz, 23-01, 1148 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)

HR MSG GA PSE CY

NR 0062 CK 287 35 0123 1628 =

TU3 3U6 3AN 3U7 TAU 773 TA7 773 353 N34 373 ...

10088 kHz, 23-01, 1103 UTC, i.p.

QSA 2 QSL ? K

HR HR 7G GA NR 016/CCK CK 71 0123 1903 RMKS 5581 TO 2218 K K K

R R R R = = VH = =

VVV (It appears that the operator is practicing and is not aware that he is live)

1234567D9 5890

RU34567DNT A4ND4AU34567DNT AR AR K QSA ? K

HZH AS LHR 7G GA NR 016/CCK CK 71 0123 1908 RMKS 5537 R EEEE

QSA 2 QSA ? K

HR 7G NR15/CCK EEE

R 7G 33567D9 AU34567DNT U QSA ? K

5440 kHz, 26-01, 1150 UTC, i.p.

DE OLKV K

R QSA 3 QSA ? K

QSA

R IEC B0 4043 AR K (Exercise related)

R IEC ... 8 AR K

N HR WK NR 6113 K

N HR WK NR .6.. 06 K

RPO R HR MSG GA CY K

OK GA K

R MSG NR 193/CCK CK 95 33 0126 1950 RMKS 4177 00 4151 K

GA K

R B0 B0 403N D7A5 6U34 U570 6DAN D034 56UN A75D NAU4 3607 AND4 356U 70DA 6N45 ...

AR K

QSL ...8.

R OK U MSG GA K

4389 kHz, 27-01, 1305 UTC, i.p. Outstations on 4377 kHz

VV SQ8N DE NNE7 K

VV P1XD DE NNE7

R QSA 2 IEC BT 5046 AR K

R CQ AS K

VV Z1DQ DE NNE7 K

R RPT K

R RPT K

R QSA 2 BT EEE R QSA 2 IEC BT 8391 AR K (Exercise related)

R CQ AS K

VVV S8BK DE NNE7 K

R QSA 2 IEC BT 5013 AR K

R CQ AS K

VV TWG3 DE NNE7 K

VV TWG3 DE NNE7 K

R QSA 2 IEC BT 2848 AR K

R CQ AS K

VV LI8X DE NNE7 K

R QSA 1 IEC BT 2888 AR K

R CQ AS K

VV HR 7G GA VV HR 7G GA

NR 134/CCK CK 99 78 0127 2100 RMKS CQ

D37U 5NU3 D57U TAN5 T56U TD34 73DU 56UT 57U6 AT34 63T4 UT7U 3U5D 74T4 ...

AR K

VVV 5DSZ DE NNE7 K

R QSA 2 QSL ? K

R QSL 2118 K
 R HR WK NR 190 K
 R NIL SK K
 VV YJF9 DE NNE7 K
 QSL ? K
 R HR WK NR 190 K
 R NIL SK K
 VV S8B. DE NNE7 K
 R OK QSL 2120 K
 R HR WK NR 11 K
 R NIL SK
 R HUU3 DE 4EKO R QSA 2 QSA ? K
 R QSL 2121 K
 R HR WK NR 10 K
 R NIL SK
 R HU3 DE L4
 R HUU3 DE LEU. R QSA 2 QSA ? K
 R QSL 2122 K
 R HR WK NR 20 K
 R NIL SK
 R HUU3 DE NSK. R QSA 2 QSA ? K
 R QSL 2123 K
 R QSL 2123 K (1330z)
 R HR WK NR 18 K
 R OK
 R NIL SK
 R R HUU3 DE PNW1 QSA 2 QSA ? K
 R QSL 2124 K
 R HR WK NR 23 K
 R OK
 R
 R HR WK NR 23 K
 R NIL SK (1333z)
 R HUU3 DE QXY4 R QSA 2 QSA ? K
 R QSL 2125 K
 R HR WK NR 220 K
 R NIL SK

4243//9054 kHz, 31-01, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 31-01, 1152 UTC, M95: CW

HR 7G TO YR PSE CY
 NR 050 CK 65 35 0131 1543 =
 5AA UTT T3A 3U6 7TA N44 3A4 5T7 5TD 75U 354 ...
 AR A HR 7G GA
 NR 093 CK 17 35 0131 1621 =
 UT5 T3A 3U6 7TA TTA TTU TT3 773 4A6 44D
 33U 34U DA5 N34 446 DD7 NT6 AR A HR 7G GA
 NR 094 CK 27 35 0131 1623 =
 UT5 T3A 3U6 3A4 TTA TTU TT3 773 354 75D ...
 AR A HR 7G GA
 NR 62 CK 206 35 0131 1625 =
 UTU T3A 3U6 3A4 7TU 7TA NU6 736 N44 7T5 ...

4364//8073 kHz, 31-01, 1130 UTC, V26: USB. XSV85 callup in Chinese voice

4364//8073 kHz, 31-01, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

4364//8073 kHz, 31-01, 1140 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2) ...
 HR MSG GA PSE CY
 NR 0086 CK 299 35 0131 1637 =
 T3A 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 TAN 773 354 373 ...

UM03 - Chinese X2M net

4719 kHz, 09-01, 1325 UTC, i.p.

QPPZA IAVWP KBHOA YRCPW SEIJG MPZQM YVXRW ...

AR

02W KFXBR

59W JSTGY

R NR 00244 00244 CK 100 100 =

WCBSS CMBDQ UOLMM VQXEN ...

4730 kHz, 09-01, 1337 UTC, i.p.

21W OZXPW IDDZG EGJUR ZTYKK JXGSU ICIXF ...

AR

OK (Other station also on this frequency but very weak)

NR 0056 CK 4 CK ..4 0 TIME 0.00 =

UM04 - PROMRÖ

4735 kHz, 04-01, 0807 UTC.

VVV VVV PROMRÖ = 0401 =

1000 0690 0740 0900 1340

1200 0710 0770 0950 1420

1400 0690 0730 0890 1020

1600 0630 0680 0840 1200

1800 0370 0390 0470 0670

2000 0330 0350 0420 0590

2200 0310 0320 0370 0510

2400 0350 0350 0400 0550

0200 0350 0360 0410 0560

0400 0350 0370 0420 0580

0600 0310 0330 038E 0550

0800 0500 0540 0670 1010

= ABV

VVV VVV PROMRÖ = 0401 =

1000 0690 0740 0900 1340

1200 0710 0770 0950 1420

1400 0690 0730 0890 1020

1600 0630 0680 0840 1200

1800 0370 0390 0470 0670

2000 0330 0350 0420 0590

2200 0310 0320 0370 0510

2400 0350 0350 0400 0550

0200 0350 0360 0410 0560

0400 0350 0370 0420 0580

0600 0310 0330 038E 0550

0800 0500 0540 0670 1010

= AR

4735 kHz, 05-01, 0800 UTC

VVV VVV PROMRÖ 05 01 =

1000 0690 0750 0910 1360

1200 0720 0770 0950 1420

1400 0690 0740 0890 1320

1600 0630 0680 0840 1260

1800 0370 0400 0470 0680

2000 0330 0350 0420 0600

2200 0310 0320 0370 0510

0000 0340 0350 0400 0550

0200 0350 0360 0410 0560

0400 0350 0360 0420 0580

0600 0310 0330 0380 0540

0800 0500 0540 0670 1010

= ABV

VVV VVV PROMRÖ 05 01 =

1000 0690 0750 0910 1360

1200 0720 0770 0950 1420

1400 0690 0740 0890 1320

1600 0630 0680 0840 1260

1800 0370 0400 0470 0680

2000 0330 0350 0420 0600

2200 0310 0320 0370 0510

0000 0340 0350 0400 0550

0200 0350 0360 0410 0560

0400 0350 0360 0420 0580

0600 0310 0330 0380 0540

0800 0500 0540 0670 1010

= AR

4735 kHz, 09-01, 0800 UTC

VVV VVV PROMRÖ = 09 01 =

1000 0690 0750 0910 1360

1200 0700 0750 0930 1390

1400 0690 0740 0890 1320

1600 0610 0660 0820 1230

1800 0380 0400 0480 0690

2000 0330 0350 0410 0590

2200 0310 0320 0370 0520

0000 0350 0350 0410 0550

0200 0350 0360 0410 0560

0400 0340 0360 0410 0510

0600 0300 0320 0380 0540

0800 0490 0530 0650 0980

= ABV

VVV VVV PROMRÖ = 09 01 =

1000 0690 0750 0910 1360

1200 0700 0750 0930 1390

1400 0690 0740 0890 1320

1600 0610 0660 0820 1230

1800 0380 0400 0480 0690

2000 0330 0350 0410 0590

2200 0310 0320 0370 0520

0000 0350 0350 0410 0550

0200 0350 0360 0410 0560

0400 0340 0360 0410 0510

0600 0300 0320 0380 0540

0800 0490 0530 0650 0980

= AR

4735 kHz, 10-01, 0800 UTC

Note 1800 vs 1600 in the first run

VVV VVV PROMRÖ = 1001 =

1000 0690 0740 0900 1350

1200 0690 0750 0920 1390

1400 0680 0730 0890 1310

1800 0610 0660 0820 1230

1800 0380 0400 0480 0700

2000 0330 0350 0410 0590

2200 0310 0320 0370 0510

2400 0350 0350 0400 0550

0200 0350 0360 0410 0560

0400 0350 0300 0410 0570

0600 0310 0320 0380 0540

0800 0490 0530 0650 0980

= ABV

VVV VVV PROMRÖ = 1001 =

1000 0690 0740 0900 1350

1200 0690 0750 0920 1390

1400 0680 0730 0890 1310

1600 0610 0660 0820 1230

1800 0380 0400 0480 0700

2000 0330 0350 0410 0590

2200 0310 0320 0370 0510

2400 0350 0350 0400 0550

0200 0350 0360 0410 0560

0400 0350 0300 0410 0570

0600 0310 0320 0380 0540

0800 0490 0530 0650 0980

= AR

4735 kHz, 11-01, 0803 UTC
VVV VVV PROMRÖ = 11 01 =
1000 0690 0740 0910 1350
1200 0690 0740 0920 1380
1400 0680 0730 0880 1300
1600 0610 0660 0820 1230
1800 0380 0410 0490 0700
2000 0330 0350 0410 0590
2200 0310 0320 0370 0510
0000 0340 0350 0400 0550
0200 0350 0360 0410 0560
0400 0340 0360 0400 0570
0600 0310 0320 0380 0540
0800 0490 0530 0650 0980
= ABV
VVV VVV PROMRÖ = 11 01 =
1000 0690 0740 0910 1350
1200 0690 0740 0920 1380
1400 0680 0730 0880 1300
1600 0610 0660 0820 1230
1800 0380 0410 0490 0700
2000 0330 0350 0410 0590
2200 0310 0320 0370 0510
0000 0340 0350 0400 0550
0200 0350 0360 0410 0560
0400 0340 0360 0400 0570
0600 0310 0320 0380 0540
0800 0490 0530 0650 0980
= AR

4735 kHz, 15-01, 0800 UTC
VVV VVV PROMRÖ = 1501 =
1000 0670 0720 0890 1320
1200 0680 0740 0910 1380
1400 0670 0710 0870 1290
1600 0600 0650 0810 1220
1800 0400 0420 0500 0720
2000 0330 0350 0410 0600
2200 0320 0380 0520
0000 0350 0360 0480 0560
0200 0350 0360 0410 0560
0400 0350 0360 0410 0570
0600 0310 0330 0380 0540
0800 0480 0520 0640 0970
= ABV
VVV VVV PROMRÖ = 1501 =
1000 0670 0720 0890 1320
1200 0680 0740 0910 1380
1400 0670 0710 0870 1290
1600 0600 0650 0810 1220
1800 0400 0420 0500 0720
2000 0330 0350 0410 0600
2200 0320 0380 0520
0000 0350 0360 0480 0560
0200 0350 0360 0410 0560
0400 0350 0360 0410 0570
0600 0310 0330 0380 0540
0800 0480 0520 0640 0970
= AR

4735 kHz, 17-01, 0800 UTC
VVV VVV PROMRÖ = 17 01 =
1000 0670 0720 0880 1320
1200 0690 0740 0920 1370
1400 0660 0710 0870 1270
1600 0610 0660 0810 1220
1800 0400 0430 0510 0730
2000 0330 0350 0410 0600
2200 0320 0330 0380 0520
2400 0350 0360 0410 0550
0200 0350 0360 0420 0570
0400 0350 0360 0410 0570
0600 0310 0320 0380 0540
0800 0480 0520 0640 0960
= ABV =
VVV VVV PROMRÖ = 17 01 =
1000 0670 0720 0880 1320
1200 0690 0740 0920 1370
1400 0660 0710 0870 1270
1600 0610 0660 0810 1220
1800 0400 0430 0510 0730
2000 0330 0350 0410 0600
2200 0320 0330 0380 0520
2400 0350 0360 0410 0550
0200 0350 0360 0420 0570
0400 0350 0360 0410 0570
0600 0310 0320 0380 0540
0800 0480 0520 0640 0960
= AR

4735 kHz, 22-01, 0800 UTC
VVV VVV PROMRÖ = 22 01 =
1000 0660 0710 0880 1310
12E0 0700 0750 0930 1390
1400 0650 0700 0860 1280
1600 0610 0410 0810 1230
1800 0390 0340 0400 0720
2000 0320 0320 0400 0580
2200 0310 0350 0370 0510
0000 0340 0350 0400 0550
0200 0340 0350 0400 0550
0400 0330 0300 0400 0510
0600 0290 0300 0360 0510
0800 0460 0500 0620 0930
= ABV
VVV VVV PROMRÖ = 22 01 =
1000 0660 0710 0880 1310
12E0 0700 0750 0930 1390
1400 0650 0700 0860 1280
1600 0610 0410 0810 1230
1800 0390 0340 0400 0720
2000 0320 0320 0400 0580
2200 0310 0350 0370 0510
0000 0340 0350 0400 0550
0200 0340 0350 0400 0550
0400 0330 0300 0400 0510
0600 0290 0300 0360 0510
0800 0460 0500 0620 0930
= AR

4735 kHz, 23-01, 0800 UTC
VVVVV PROMRÖ = 23 01 =
1000 0660 0710 0870 1300
1200 0700 0750 0920 1390
1400 0650 0700 0860 1270
1600 0610 0660 0820 1230
1800 0390 0410 0490 0710
2000 0320 0340 0000 0580
2200 0310 0320 0370 0510
0000 0340 0350 0400 0550
0200 0340 0350 0400 0550
0400 0550 0340 0390 0550
0600 0290 0300 0350 0510
0800 0460 0500 0620 0930
= ABV =
VVVVV PROMRÖ = 23 01 =
1000 0660 0710 0870 1300
1200 0700 0750 0920 1390
1400 0650 0700 0860 1270
1600 0610 0660 0820 1230
1800 0390 0410 0490 0710
2000 0320 0340 0000 0580
2200 0310 0320 0370 0510
0000 0340 0350 0400 0550
0200 0340 0350 0400 0550
0400 0550 0340 0390 0550
0600 0290 0300 0350 0510
0800 0460 0500 0620 0930
= AR

4735 kHz, 27-01, 0800 UTC
VVVVV PROMRÖ = 27 01 =
1000 0650 0700 0860 1290
1200 0710 0760 0940 1400
1400 0660 0710 0860 1280
1600 0630 0680 0840 1260
1800 0400 0430 0510 0740
2000 0320 0340 0410 0590
2200 0310 0320 0370 0510
0000 0340 0350 0400 0550
0200 0340 0350 0400 0550
0400 0340 0350 0400 0550
0600 0290 0310 0360 0520
0800 0570 0510 0620 0940
= ABV =
VVVVV PROMRÖ = 27 01 =
1000 0650 0700 0860 1290
1200 0710 0760 0940 1400
1400 0660 0710 0860 1280
1600 0630 0680 0840 1260
1800 0400 0430 0510 0740
2000 0320 0340 0410 0590
2200 0310 0320 0370 0510
0000 0340 0350 0400 0550
0200 0340 0350 0400 0550
0400 0340 0350 0400 0550
0600 0290 0310 0360 0520
0800 0570 0510 0620 0940
= AR

4375 kHz, 28-01, 0802 UTC.**Started late and already in progress**

0 0710 0770 0950 1410
 1400 0660 0710 0870 1290
 1600 0640 0690 0840 1260
 1800 0410 0430 0520 0750
 2000 0330 0340 0410 0590
 2200 0310 0320 0370 0520
 0000 0340 0350 0400 0550
 0200 0340 0350 0400 0560
 0400 0340 0350 0400 0550
 0600 0290 0310 0360 0510
 0800 0470 0510 0630 0940
 = ABV
 VVVVV PROMRÖ = 2801 =
 1000 0650 0710 0870 1300
 1200 0710 0770 0950 1410
 1400 0660 0710 0870 1290
 1600 0640 0690 0840 1260
 1800 0410 0430 0520 0750
 2000 0330 0340 0410 0590
 2200 0310 0320 0370 0520
 0000 0340 0350 0400 0550
 0200 0340 0350 0400 0560
 0400 0340 0350 0400 0550
 0600 0290 0310 0360 0510
 0800 0470 0510 0630 0940
 = AR

4735 kHz, 29-01, 0800 UTC

VVVVV PROMRÖ = 29 01 =
 1000 0660 0710 0870 1310
 1200 0720 0770 0950 1420
 1400 0670 0720 0870 1290
 1600 0640 0690 0850 1270
 1800 0410 0430 0520 0750
 2000 0330 0350 0410 0590
 2200 0310 0320 0370 0520
 0000 0340 0350 0400 0550
 0200 0340 0350 0400 0560
 0400 0340 0350 0400 0550
 0600 0290 0310 0360 0510
 0080 0470 0510 0630 0950
 = ABV
 VVVVV PROMRÖ = 29 01 =
 1000 0660 0710 0870 1310
 1200 0720 0770 0950 1420
 1400 0670 0720 0870 1290
 1600 0640 0690 0850 1270
 1800 0410 0430 0520 0750
 2000 0330 0350 0410 0590
 2200 0310 0320 0370 0520
 0000 0340 0350 0400 0550
 0200 0340 0350 0400 0560
 0400 0340 0350 0400 0550
 0600 0290 0310 0360 0510
 0080 0470 0510 0630 0950
 = AR

4735 kHz, 30-01, 0800 UTC

VVVVV PROMRÖ = 30 01 =
 1000 0660 0710 0870 1320
 1200 0720 0780 0950 1440
 1400 0670 0720 0870 1310
 1600 0650 0700 0850 1300
 1800 0410 0440 0520 0760
 2000 0330 0350 0410 0600
 2200 0320 0330 0380 0520
 0000 0340 0350 0400 0550
 0200 0330 0350 0400 0560
 0400 0340 0350 0400 0560
 0600 0290 0310 0360 0520
 0800 0470 0510 0630 0950
 = ABT =
 VVVVV PROMRÖ = 30 01 =
 1000 0660 0710 0870 1320
 1200 0720 0780 0950 1440
 1400 0670 0720 0870 1310
 1600 0650 0700 0850 1300
 1800 0410 0440 0520 0760
 2000 0330 0350 0410 0600
 2200 0320 0330 0380 0520
 0000 0340 0350 0400 0550
 0200 0330 0350 0400 0560
 0400 0340 0350 0400 0560
 0600 0290 0310 0360 0520
 0800 0470 0510 0630 0950
 = AR

DIGITAL MODES**HM01 - Dirección General de Inteligencia**

HM01 is still repeating the message from September, 23rd. I wonder why they don't stop. This is useless.

11530 kHz, 01-01, 1700 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11635 kHz, 02-01, 1830 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 03-01, 1700 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 04-01, 1630 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 05-01, 1659 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 06-01, 1600 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 07-01, 1600 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 08-01, 1754 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11635 kHz, 09-01, 1824 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 10-01, 1600 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 11-01, 1613 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 12-01, 1623 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 13-01, 1634 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 14-01, 1658 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 15-01, 1630 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11635 kHz, 16-01, 1825 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 17-01, 1658 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 18-01, 1600 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 19-01, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 20-01, 1634 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 21-01, 1612 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
10435 kHz, 22-01, 1600 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11635 kHz, 23-01, 1826 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 24-01, 1737 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 25-01, 1608 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)

11435 kHz, 26-01, 1602 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 27-01, 1628 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 28-01, 1724 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 29-01, 1753 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 30-01, 1600 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 31-01, 1630 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)

11530 kHz, 29-01, 1753 UTC

10784 32433 27523 53823 47472 22442 (repeat of 23-09) Should be on 11635 kHz.

1802z: Two messages mixing. Switched at 1807z to 11635 kHz

11635 kHz, 29-01, 1807 UTC,

10784 32433 27523 53823 47472 22442 (repeat of 23-09) Two messages mixing.

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

M42 – various modes

11169 kHz, 11-01, 1315 UTC, MFSK-66
 16134 kHz, 13-01, 0800 UTC, MFSK-66
 6790 kHz, 13-01, 0830 UTC, MFSK-66
 7829 kHz, 19-01, 1048 UTC, OFDM-60

M42b – FSK 50/500

3820 kHz, 09-01, 1750 UTC, CW VFGK wkg DATZ
 5299 kHz, 09-01, 1815 UTC, CW CAGR wkg IBUP

9353 kHz, 03-01, 0915 UTC, CW + FSK 50/500

4KWS 4KWS 4KWS DE 9TKW 9TKW QSY 31789 QSY 31789
 4KWS 4KWS 4KWS DE 9TKW 9TKW QSY 31789 QSY 31789
 QSA4 QSA? K
 QTC1 K
 SLV K

RYYRYRYRYRYRYRYRY

003 100 03 0900 7529 =
 56190 51956 78312 67943 67983 61390 61346 78432 09505 95043
 45893 89168 94319 51905 42849 04187 41805 95310 61947 82956
 71094 56218 41097,51849 5:298 65883 51835 09214 79327 89620
 58931 96424 62872 94625 72945 61987 51679 18349 01437 03526
 67932 51856 89032 51867 61954 73933 6-314 81375 09067 41789 =50=
 68934 71368 83216 67908 52156 93167 90432 76346 11345 54321
 09876 12345 67890 54321 12345 09876 76521 90312 84729 67213
 09876 12345 09875 54321 78512 78315 09412 89213 90632 83219
 67216 74312 78905 41238 12345 89076 43216 98765 32145 90765
 09876 12345 67890 54312 87654 34567 09876 43216 78375 17845 =100=

CFM QRU? K
 SLV K
 BK BK QRV K
 RK
 R 003 0928 K
 NIL SK

RYRYRYRYRYRYRYRYRYRYRY

005 100 05 0900 7293 =

005 100 04

005 100 05 0900 7309 =

005 100 05 0900 7309 =

28380 23664 49576 33656 66942 95994 93442 78534 29576 20187
87673 06808 41195 58433 05364 18638 61520 82874 63504 35278
69515 92565 44896 80079 75245 77196 17678 38194 83894 67496
56482 95226 86663 42173 88887 27696 54494 80103 81969 42172
47026 77558 30299 97008 50966 82929 18731 50007 83822 91912 =50=
96204 91803 01176 44844 52937 33844 04336 94784 28767 30117
76180 81575 99142 86654 28496 32663 53273 27494 10435 81178
79819 46332 78797 03562 17470 96125 09482 55898 08677 49215
62302 52074 59699 07496 41411 37058 83213 48745 21603 80041
69302 65982 96519 08882 52442 74298 45997 17227 41615 71359

CFM NIL K

SK

9353 kHz, 05-01, 0915 UTC, CW + FSK 50/500

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

007 100 05 0900 8513 =

64763 99287 67481 63745 72831 09282 75648 26712 74821 72831
74692 73821 83927 72613 72637 72638 67839 72921 83721 78462
62731 63721 63726 72832 67382 82673 72836 87392 83728 81623
87634 78236 90563 78326 89326 10923 89236 87326 78326 78239
67328 87326 90786 67984 67348 67436 98234 67238 98327 67452 =50=
78235 67458 09674 56892 67231 67893 89092 92381 78236 87321
98236 78329 78231 78243 68923 09428 68249 14806 87942 78239
78235 67238 67239 78235 98420 67452 89426 80674 78329 67891
78453 90675 43785 58367 46796 46805 35751 68578 80576 35241
68352 13245 46687 57899 57245 35754 57134 24801 32781 97682 =100=

CFM NIL QRU? K

ZZC ZVP K

BK BK QRV K

RPT PBL K

RPT PBL K

R K

R 005 0924 K

NIL SK

10226 kHz, 06-01, 0912 UTC, CW + FSK 50/500

M2PN M2PN M2PN DE WK3P W3KP K

QSA4 QRU? K

OK ZZC ZVP SLD K

BK BK QRV K

R K

R 006 0917 K

R 006 0917 K

RPT K

OK ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

006 100 6 0905 9725 =

28380 23664 49576 33656 66942 95994 93442 78534 29576 20187
87673 06808 41195 58433 05364 18638 61520 82874 63504 35278
69515 92565 44896 80079 75245 77196 17678 38194 83894 67496
56482 95226 86663 42173 88887 27696 54494 80103 81969 42172
47026 77558 30299 97008 50966 82929 18731 50007 83822 97982 =50=
96204 91803 01176 44844 52937 33844 04336 94784 28767 30117

RYYRYRYRYRYRYRYRY
001 620 05 0500 15628 =
6476 __288 67481 637__ 72831 09282 75648 26712 7_811 72831
74692 73821 8__21 7261__637 72638 67839 72921 83721 8_462
62832 63721 63726 72832 67382 82673 728_6 87392 837__55__
78236 90563 78__5__326 10923 89236 87326 72_26 78239 9____
67328 87326 90783 79846 64348 67436 98234 67238 98327 67692 =50=
78235 67458 09674 56892 68231 67893 89092 92381 78236 87321
_8226 78329 78231 78243 62933 _9428 68249 14806 8_942 ____4_
78235 62238 61398 78235 98420 67452 8940__01_ 77329 67891
65533 90679 43785 58367 46796 46805 35751 60978 80576 35241
-6352 1_245 46687 57899 57245 35797 97134 24801 32781 97682 =100=

(unreadable) BK BK (rest unreadable)

NM5K NM5K NM5K DE 1PNN 1PNN K
QSA4 QRU? K
OK ZVP K
ZVP K
BK QRU K
K
R 008 0916 K
QTC1 ZZC ZVP SLD K

CFM NIL K
SK

QRV QRU? K
QRU? K
SLV K
BK BK RPT PBL K
RPT K
K
R 009 0920 K
NIL SK

9TKW 9TKW 9TKW DE 4KWS 4KWS K
QSA4 QSA? K
OK ZZC ZVP SLV K
BK BK QRV K
K
R 009 0916 K
RPT K
QTC1 ZZC ZVP SLD K

CFM NIL K
SK

RYYRYRYRYRYRYRYRYRYRYRYRYRYRY
012 100 11 0900 63856 =
012 100 11 0900 63856 =
31900 51912 71418 65220 96257 93728 36958 92913 28682 44789
88525 41816 67472 29440 08066 23201 10982 63346 12350 58924
12210 06348 56866 23959 89214 49451 86529 54599 36734 35953

CFM QSL QYD? 77680 76184 K
QYD? 77680 76184 K
QYD? 77680 76184 K
RPT K
QYD? 77680 76184 K
RPT K
RPT K
RPT K
RPT K
QYD? 77680 76184 K
QYD? 77680 76184 K
3PRK 3PRK 3PRK DE N1RK N1RK K
3PRK
QYD? 77680 76184 K
RPT K
QYD? 77680 76184 K
RPT K
OK AS K
3PRK 3PRK 3PRK DE N1RK N1RK K
CFM NIL K

RYYRYRYRYRYRYRYRYRYR
012 150 12 0800 0666 =
79842 67853 78942 65713 78924 67853 67832 67589 67880 56735
68764 35425 45635845635 23435 12342 45668 75465 35456 23435
13423 45653 65768 34586 46557 349__ __ 341 43535 23414 45624
00956 56834 45665 23434 23456 43234 21435 45212 56746 24365
67834 45621 7_5_5 53487 67547 68354 97894 67864 35647 68456 = 50 =
78325 67435 89976 65688 23687 21657 76423 78421 67834 56743
67423 78421 89421 67432 78342 98453 78432 68312 80142 52375
67832 78235 57421 68423 68704 68432 75124 85_4_ 67042 65712
35425 65123 65321843265 43645 23432 23412 43421 53232 54332
67312 57443 52354 64323 52365 42534 46332 57142 25326 52323 = 100 =
65580 6_842 412_3 63432 53212 52323 64332 64312 64332 63432
64353 74543 86575 64545 64343 43254 64343 13245 32154 53245
64343 63423 43654 23546 23543 32654 34654 64349 346_4 69765
6432_812__ 34654 45765 6776_ 56868 7_674 0_8_7 54_4 23503
64312 05323 24140 23506 53204 34604 12305 43604 34605 2340 = 150 =

9353 kHz, 13-01, 0912 UTC, CW + FSK 50/500
WK3P W3KP WK3P DE M2PN M2PN K (repeated)
QSA4 QSA? K
QTC1 K
SLD K

44

CFM QRU? K
SLV K
QRU? K
SLV K
OK
QRV K
R 013 7424
0132 K
NIL SK

M2PN M2PN M2PN DE WK3P W3KP K
QSA4 QRU? K
OK ZVP SLV K
BK QRV K
K
R 013 0927 K
QTC1 ZZC ZVP SLD K

013 100 13 0906 5827 =

31900	51912	71418	65220	96257	93728	36958	92913	28682	44789
88525	41816	67472	29440	08066	23201	10982	63346	12350	58924
12210	06348	56866	23959	89214	49451	86529	54599	36734	35953
93236	67512	81036	91052	90064	40965	25060	63726	12918	52969
15012	67473	12018	09391	92695	46832	76099	47685	21722	75114
50731	47822	22823	96156	87752	14755	10805	15219	44348	73700
38015	24999	72155	66288	34490	26398	65868	30241	21338	00740
70519	75735	59237	08722	84630	64030	20093	97960	63986	60432
93976	93219	33955	57263	22732	51226	63950	56509	43560	01727
12629	57071	69451	02902	94742	04378	20434	38237	51308	64056

GRP2 GRP2 GRP2 DE 3NRT 3NRT K
QSA3 QRU? K
OK ZZC ZVP SLV K
BK BK QRV K
K
R 014 0917 K
R 014 091 K
RPT K
RPT K
OK ZZC ZVP SLD K

22354 06744 04530 07111 90207 04683 67178 95429 45151 39816
50124 09013 37734 45983 80165 93455 37068 29114 11534 76600 =50=
97611 39127 28678 46316 58700 37765 57967 03900 74264 56949
69511 34436 99884 18180 46731 20073 30916 78307 51453 55739
14249 56891 15788 18644 26964 16742 53942 64098 27548 44961
22974 27227 26023 24734 65015 07168 63482 58868 96676 14504
20346 45887 09422 90298 99486 07821 69618 65903 82288 87220 =100=
-0922

CFM NIL K

9353 kHz, 14-01, 0912 UTC, CW + FSK 50/500

3NRT 3NRT 3NRT DE GRP2 GRP2 K
QSA4 QTC1 K
SLV K
BK

RYRRYRYRRYRYRYRYRRYRYRRYRYRYRRYRYRYRRYRYRYRYRY
014 100 14 0840 6518 =
24043 30326 65549 47935 47509 18004 87014 87273 31113 61924
51563 76888 63757 29463 58399 98667 14798 89894 38407 41169
42616 00125 97455 62503 20804 22567 43747 65209 19030 74802
39083 10971 95552 73527 41388 01090 69497 96503 01076 51233
95783 26185 27137 84847 75073 40818 74952 78961 94205 48553 =50=
02466 80408 47972 33358 79876 86292 85831 08031 64291 77580
43740 48793 22422 90874 33450 83341 09339 15134 65133 21136
74921 80896 55479 66192 47712 67858 94530 86206 13104 16975
21906 41596 64266 04999 79372 59464 03752 26265 39646 42152
32455 94201 46047 02202 39736 98243 69333 76740 73871 76381 =100=

CFM QRU? K
ZZC ZVP K
ZZC ZVP K
SLV K
BK BK QRV K
RK
R 015 0922 K
NIL SK

10224 kHz, 15-01, 0913 UTC, CW + FSK 50/500, in progress

OK ZVP SLV
K
CT 15 0818 K
RPT K
OK ZZC ZVP SLD K
BK QRV K
K
R 014 0918 K
RPT K
OK ZZC ZVP SLD K

016 100 15 0921 4729 =
016 100 15 0921 4729 =
016 100 15 0921 4729 =
016 100 15 0921 4729 =
63577 73848 98366 88827 20505 61142 10860 53550 37893 47151
89139 90026 53830 88334 57136 60587 68602 79491 24609 69022
47973 73523 41201 69228 54514 40544 80199 69511 85427 58690
74628 18063 46556 74725 82355 00392 66820 65882 32018 88250
96221 95336 51443 42941 38539 52777 99333 63008 67901 44631 =50=
98942 00699 58011 47647 43533 88063 17224 62643 79180 44810

SLV K
BK BK K
R 017 0123 K
NIL SK

10226 kHz, 16-01, 0911 UTC, CW + FSK 50/500

4NRG 4NRG 4NRG DE KO3W KO3W K
3W K
QSA4 QSA? K
4NRG 4NRG 4NRG DE KO3W KO3W K
QSA4 QSA? K
4NRG 4NRG 4NRG DE KO3W KO3W K (repeated)
QSA4 QSA? K
RPT K
RPT K
OK ZZC ZVP SLD K
BK BK QRU K
K
R 160 920 K
RPT K
RPT K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRY
017 100 16 0855 6811 =
63577 73848 98366 88827 20505 61142 10860 53550 37893 47151
89139 90026 53830 88334 57136 60587 68602 79491 24609 69022
47973 73523 41201 69228 54514 40544 80199 69511 85427 58690
74628 10063 46556 74725 82355 00392 66820 65882 32018 88250
96221 95336 51443 42941 38539 52777 99333 63008 67901 44631 =50=
98942 00699 58011 47647 43533 88063 17224 62643 79128 44810
77343 95111 62106 56030 30248 20423 72108 61372 75686 25428
75091 13458 72005 86645 11171 92856 62263 57795 59979 47631
34263 57533 41568 13783 45242 38913 15753 31104 44612 62652
12756 90612 04999 24255 91973 25700 03298 09872 29610 76501

CFM NIL K
SK

9353 kHz, 17-01, 0912 UTC, CW + FSK 50/500

4KWS 4KWS 4KWS DE 9TKW 9TKW K
QSA3 QTC1 K
most of the morse and RTTY was too weak to copy
R 018 0920 K
NIL SK

10226 kHz, 17-01, 0912 UTC, CW + FSK 50/200

9TKW 9TKW 9TKW DE 4KWS 4KWS K
QSA4 QSA? K
OK ZVP SLV K
BK QRV K
K
R 017 0917 K
R 017 0917 K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRYRY
018 100 17 0912 7359 =
99156 10663 95545 91765 91349 06271 39253 76818 48068 37809
87652 49673 60073 97596 56017 56629 34407 33848 65118 35803
71133 31072 30717 26207 10652 56448 51656 81710 14800 31171
22354 06744 04530 07111 90207 04683 67178 95429 45191 39816

CFM NIL K
SK

OK ZZC ZVP SLD K

-0923

NIL SK

SLD K

67582 53247 04212 24012 42010 42012 53202 34603 03443 23053 =100=

10226 kHz not heard

9353 kHz, 21-01, 0913 UTC, CW

3NRT 3NRT 3NRT DE GRP2 GRP2 K (repeated)

3NRT 3NRT 3NRT DE GRP2 GRP2 QSY 57544 QSY 57544 K (repeated)

3NRT 3NRT 3NRT DE GRP2 GRP2 K

10224 kHz, 22-01, 0911 UTC, CW + FSK 50/500

NM5K NM5K NM5K DE 1PNN 1PNN K

QSA4 QSA? K

OK ZVP SLV K

RPT K

BK BK QRV K K

R 021 0916 K

QTC1 ZZC ZVP SLD K

[illegible]

021 100 22 0907 4815 =

99156 10663 95545 91765 91349 06271 39253 76818 48068 37809

87652 49673 60073 97596 56017 56625 34407 33848 65118 35803

71133 31072 30717 26207 10652 56448 51656 81700 14800 31171

22354 06744 04530 07111 90207 04683 67178 95429 45151 39816

50124 09013 37734 45983 80165 93455 37068 29114 11534 76600 =50=

97611 39127 28678 46316 58700 37765 57967 03900 74264 56949

69511 34436 99884 18180 46731 20073 30916 78307 51453 55739

14249 56891 15788 18644 26964 16742 53942 64098 27548 44961

22914 27227 26023 24734 65015 07168 63482 58868 96676 14504

20346 45887 09422 90298 59486 07821 69688 65903 82288 87220 =100=

CFM NIL SK

9353 kHz, 22-01, 0911 UTC, CW + FSK 50/500

1PNN 1PNN 1PNN DE NM5K NM5K K

QSA4 QTC1 K

SLD K

[illegible]

021 100 22 0858 1234 =

87643 56732 45623 12435 43212 34532 21453 34621 34532 21364

42153 76532 32521 53212 64323 75432 21425 65432 46312 53212

63423 53212 63443 34623 53223 34643 34721 34712 23643 23621

42134 65432 76512 42135 64312 53212 32464 45643 23643 12564

12453 63212 34623 64312 64323 34623 23612 62312 43623 63212 =50=

35212 43523 64323 53252 87645 54223 64323 52123 63221 63232

98732 63212 64323 64323 61223 23512 62321 57434 23464 45707

98745 87656 79890 78987 76509 67854 54367 45387 53212 52334

87645 67534 23564 63432 54357 84523 09812 74568 63412 34632

87642 09673 98742 89099 32564 09954 09853 98632 45787 58643 =100=

CFM QRU? K

SLV K

BK BK K

R 021 0919 K

NIL SK

KO3W KO3W KO3W DE 4NRG 4NRG K (repeated)
 KO3W KO3W KR3W DE 4NRG 4NRG QSY 07647 QSY 07647 K (repeated)
 KO3W KO3W KO3W DE 4NRG 4NRG K (repeated)
 KO3W KO3W KO3W DE 4NRG 4NRG QSY 07180 QSY 07180 K (repeated)
 KO3W KO3W KO3W DE 4NRG 4NRG K

9TKW 9TKW 9TKW DE 4KWS 4KWS K
QSA3 QSA? K
OK ZVP SLV K
K BK BK QRV K
R 022 9060 K
QRV QRC1 ZZC ZVP SLD K

CFM NIL K
SK

4KWS 4KWS 4KWS DE 9TKW 9TKW K
QSA3 QTC1 K
SLD K

CFM QRV K
SLV K
BK BK R 022 0919 K
NIL SK

10226 kHz, 26-01, 0912 UTC, CW + FSK 50/500

3PRK 3PRK 3PRK DE N1RK N1RK K
QSA4 QSA? K
OK ZZC ZVP SLV K
BK BK QRV K K
R 023 0926 K
QTC1 ZZC ZVP SLD K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

023 100 26 0900 7392 =
31900 51912 71418 65220 96257 93728 36958 92913 28682 44789
88525 41816 67472 29440 08066 23201 10982 63346 12350 58924
12210 06348 56866 23959 89214 49451 86529 54599 36734 35953
93236 67512 81036 91052 90064 40965 25060 63726 12918 52969
15012 67473 12018 09391 92695 46832 76099 47685 21722 75114
50731 47822 22823 96156 87752 14755 10805 15219 44348 73700
38015 24999 72155 66288 34490 26398 65868 30241 21338 00740
70519 75735 59237 08722 84630 64030 20093 97960 63986 60432
93976 93219 33955 57263 22732 51226 63950 56509 43560 01727
36129 57071 65451 42902 94742 04378 20434 38237 51308 64056
-0919

RPT K
CFM NIL K
SK

9353 kHz, 26-01, 0911 UTC, CW + FSK 50/500

N1RK N1RK N1RK DE 3PRK 3PRK K
QSA4 QTC1 K
SLD K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

023 100 26 0848 1357 =
87643 56732 45623 12435 43212 34532 21453 34621 34532 21364
42153 76532 32521 53212 64323 75432 21425 65432 46312 53212
63423 53212 63443 34623 53223 34643 34721 34712 23643 23621
42134 65432 76512 42135 64312 93212 32464 45643 23643 12564
12453 63212 34623 64312 64323 34623 23612 62312 43623 63212 =50=
35212 43523 64323 53252 87645 54223 64323 52123 63221 63232
98732 63212 64323 64323 61223 23512 62321 57434 23464 45707
.8745 87656 79890 78987 76509 67854 54367 45387 53212 52334
87645 67534 23564 63432 54357 84523 09812 74568 63412 34632
87642 09673 98742 89099 32564 09954 09853 98630 45787 58643 =100=

CFM QRU? K
SLV BK BK QRV K
RK RK
R 023 0928 K
R 023 0928 K
NIL SK

9353 kHz, 20-01, 0912 UTC, CW + FSK 50/500

WK3P W3KP WK3P DE M2PN M2PN K (repeated)
BK BK QSA4 QSA? K
QTC1 K
SLD K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

024 100 27 0855 6712 =
28380 23664 49576 33656 66942 95994 93442 78534 29576 20187
87673 06108 41195 58433 05364 18658 61520 82874 63504 35278

CFM QRU? K
ZVP SLV K
BK BK QRV K
RK R 025 0920 K
RPT K
NIL SK

M2PN M2PN M2PN DE WK3P W3KP K
QSA4 QRU? K
OK ZVP K
R 024 0917 K
QTC1 ZZZ K

CFM NIL K

3NRT 3NRT 3NRT DE GRP2 GRP2 K
QSA4 QTC1 K

QRV QRU? K
SLV K
BK BK K
R 028 0921 K
NIL SK

GRP2 GRP2 GRPS DE 3NRT 3NRT K
QSA3 QSA? R
OK ZVP SLV K
BK BK QRV K
RK
R 025 0917 K
QTC1 ZZC ZVP SLD K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
028 100 28 0907 4825 =
99156 10663 95545 91765 91349 06271 39253 76818 48068 37809
87652 49673 60073 97596 56017 56625 34407 33848 65118 35803
71133 31072 30717 26207 10652 56448 51656 81700 14800 31171
22354 06744 04530 07111 90207 04683 67178 95429 45151 39816
50124 09013 37734 45983 80165 93455 37068 29114 11534 76600 =50=
97611 39127 28678 46316 58700 37765 57967 03900 74264 56949
69511 34436 99884 18180 46731 20073 30916 78307 51453 55739
14249 56891 15788 18644 26964 16742 53942 64098 27548 44961
22974 27227 26023 24734 65015 07168 63482 58868 96676 14504
20346 45887 09422 90298 59486 07821 69688 65903 82288 87220 =100=

CFM NIL SK

NM5K NM5K NM5K DE 1PNN 1PNN K
QSA3 QRU? K
OK ZZC ZVP SLV K
BK BK QRV K
RK
QTC1 ZZC ZVP SLV K

RYYRYYRYYRYYRYYRYYRYYRYYRYYRYYRYYRYYRYY
030 100 29 0900 2951 =
37205 99346 41189 91616 87467 64390 24845 33689 43151 06267
06744 40992 91697 35213 25632 95913 83057 41050 47126 06139
75530 93786 07024 99614 85108 00635 50026 22990 70994 61342
02034 83767 21734 57867 04925 38692 99612 19885 50845 40326
23215 84565 95458 96776 44930 67212 13536 03350 84731 62051 =50=
60575 54487 69134 75802 09874 05801 98346 81241 93006 50252
65354 75057 16542 14450 75385 25762 02757 33430 14990 12678
75325 04082 20717 44010 34623 75653 44877 39357 69932 79892
84756 04269 70479 32969 84809 09188 37304 11859 ?4231 16325
23923 94223 25276 89966 85101 24988 42167 67189 63400 28916

-0920

CFM NIL K
SK

1PNN 1PNN 1PNN DE NM5K NM5K K
QSA4 QSA? K
QTC1 K
SLD K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
027 100 29 0855 3083 =
28380 23664 49576 33656 66942 95994 93442 78534 29576 20187
87673 06808 41195 58433 05364 18658 61520 82174 63504 35278
69515 92565 44896 80079 75245 77196 17678 38194 83894 67496

CFM QRU? K
SLV K
BK BK QRV K
RK
R 030 0920 K
NIL SK

CFM QRU? K
SLV K
BK BK K
R 032 0934 K
NIL SK

07842 05672 46681 76584 87642 51267 12487 56742 12532 53246 =50=
87656 53212 47642 87623 42156 76532 08612 65442 65412 32543
45367 76542 23467 87321 23467 98743 67912 53289 87632 76421
87642 56712 65442 68712 56734 46542 87612 34542 34512 54312
12356 87642 65=41 98742 76552 34521 34564 23421 78421 42153
99897 42134 53223 64312 53232 43612 54321 54312 53265 23521 =100=

CFM QRU? K
SLV K
BK BK K
R 033 0919 K
NIL SK

10226 kHz, 31-01, 0911 UTC, CW + FSK 50/200

VVV 9TKW 9TKW 9TKW DE 4KWS 4KWS K

QSA3 QRU? K
SLV K
BK BK QRV K K
R 029 0915 K
QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRYRYRYRY
033 100 31 0900 5719 =
91892 40783 14341 65003 89459 45177 26825 26516 04048 12512
82159 29537 47349 16589 19335 36780 99226 34509 44688 51629
55880 53644 83507 16166 01181 15489 33444 69754 33986 79208
03111 25763 61835 29726 35024 61502 30544 86954 24607 35809
53478 03963 39504 99286 92075 90003 97854 66982 43196 79529 =50=
31248 75095 50245 82172 51693 26298 14150 94623 37383 16624
00769 00741 88693 61843 38296 60244 84483 38533 71350 63168
62811 47183 59707 05788 25152 24552 54435 59460 74946 87355
40255 67135 49984 46604 67853 65200 94239 89913 65456 01261
82055 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=

CFM NIL SK

F01 – FSK 200/500

7629/6783/4034 kHz, 05-01, 1940/1950/2000 UTC

Nul message: 5761 00000 +++++ +++++

F01 – FSK 200/500 Mon-Fri schedule

11079/9162/7509 kHz, 03-01, 1015/1025/1035 UTC

76084 89654 13258 99422 42887 07903 18950 66429 02201 83577
81425 42192 12286 62152 73928 97299 22947 51906 09123 26390
38982 09905 12739 35149 48958 54639 30532 93824 86506 41266
48215 55675 16335 60378 29083 63800 62118 46251 98984 94785
18487 05502 33356 12608 14272 02089 25989 31218 19215 59600
44225 09270 11323 66771 00261 25404 47047 97150 93259 07534
01493 78870 01945 14588 70825 75450 32372 94109 54079 63578
50570 64195 56542 18793 54717 93166 81915 45023 66576 75448
05425 08903 46838 27071 45081 64818 64087 49234 73271 81608
72067 33382 35866 06869 74932 06219 71039 29780 85173 38094
44978 28425 03918 63220 46677 12501 78261 85126 09005 97388
15357 65819 48216 70503 57918 22065 39125 35867 50838 77233
68098 47845 53613 42158 31070 69976 78250 23427 68770 19840
57348 82557 56335 85897 72053 94483 89514 27239 94551 78806
34637 92182 24809 02222 34538 16657 26231 75588 87629 88305
89943 94058 42305 87253 82367 93713 73860 39470 55782 23135
36125 43665 26570 53365 04985 57663 50815 74674 55989 55181
51965 53589 43226 88960 80221 48606 71655 21177 08357 08038
80085 07081 93647 98427 76983 42790 60613 36961 96303 13189

84226 26326 65523 00852 78322 15448 03073 41952 18851 34542
87348 40067 56691 77920 64494 73845 99698 32989 87142 59444
68687 78875 01295 53705 57007 03121 23538 08975 48444 09877
75781 15534 73091 18046 69697 92559 05907 72795 58057 13556
37625 18897 95151 77196 72729 09306 73479 59518 34157 47448
28889 08400 79426 86623 31372 66252 57889 34981 03684 31888
63768 39500 34986 97471 64698 47403 81690 21512 10432 68464
72709 23830 51411 86614 61273 13431 21896 94316 90529 85226
67322 48123 65094 46545 20593 68867 45745 59358 56976 34915
09451 09176 82307 41931 41922 36527 34183 27571 54861 91992
00822 84569 45112 00693 87296 10632 37896 47197 83815 68584
81307 16777 15737 55217 84271 53947 80015 02255 15153 24222
97760 57891 03180 90042 37593 22334 09909 36791 89490 35782
62877 09849 93811 42292 68662 48623 55182 77948 47519 28482
95927 56804 56785 46541 28752 52994 95247 12235 53336 02496
05648 28605 06550 72939 17525 75257 20970 74934 97576 28913
71380 13334 99721 82489 13951 01872 32069 48663 47779 89626
82952 58836 53484 72732 73252 93451 88534 89783 27160 04598
44009 24364 78594 16830 92461 63153 55452 17154 81597 83021
08867 70110 53425 65583 79689 18889 93600 62613 19352 58419
40614 60790 07319 91372 09549 19191 32306 03004 10063 77974
29459 15791 63302 61695 90671 09784 47428 25688 90240 19625
26444 18946 93036 44158 42009 61953 37386 29580 72932 62883
09845 54421 00000 +++++ +++++

11079/9162/7509 kHz, 04-01, 1015/1025/1035 UTC

97475 14495 93012 31650 74729 62865 08554 93711 86420 26169
39075 65069 80596 02244 36731 96299 34238 71472 55852 96157
51540 31959 47580 98436 66986 58628 74109 26985 39137 15938
91011 01039 46084 78897 71054 48084 18502 42065 67966 16428
71233 21231 43578 04656 19347 77453 06784 50173 89605 18160
37750 44028 63284 54969 95820 64170 11268 22954 34554 44373
07381 91005 72315 20980 30865 18011 91886 24666 93965 34506
67507 09416 55546 54512 42798 35891 06680 47237 08003 51378
39148 23317 49981 55083 00000 00000 00000 00000 00000 00000

44810 97076 81857 87496 71739 35126 97626 36426 79206 48577
55498 29156 11191 07484 31599 50599 88613 73279 92150 02140
44841 19983 18260 19378 83138 65274 80041 36453 67053 66118
33484 64139 79632 58624 38509 73898 12431 46838 21663 05073
70245 70138 31868 37415 02499 03942 62688 96136 97232 73392
39525 81659 98629 84727 95200 41270 34008 04006 82350 24845
61227 37890 96077 91857 72445 96163 05291 61828 15154 40674
16178 25434 16440 50390 16241 58440 21411 57263 72334 05653
81708 32571 81154 27080 55067 28439 95593 23489 01843 04230
75419 83542 89443 56093 00000 +++++

11079/9162/7509 kHz, 05-01, 1015/1025/1035 UTC

97875 50410 16647 17558 55124 55020 74803 00159 08764 34111
63295 00677 66017 15468 54425 22503 28190 02377 23394 10457
38495 81481 31321 84666 45204 07297 91575 90952 47318 99320
99087 66155 14952 12686 27344 41838 01604 68277 22738 34810
90511 53264 50978 97901 42284 27980 75227 29428 35976 00086
70676 64787 20821 51953 05224 98623 20791 32218 40959 10988
59168 47416 36134 95950 95341 14672 52311 16084 90977 61341
96373 31267 47788 82582 52086 75240 84062 92758 80895 78354
42151 31638 96652 59946 44108 11309 43957 38783 37647 14759
34792 35007 99634 82048 23125 62028 89275 45027 22347 31787
68205 96506 94672 21841 29655 04867 68121 77701 03889 09987
59843 48861 32105 61476 11027 81957 25970 85122 62890 19490
54991 88501 28482 77550 28910 41683 39962 00999 67299 93972
76062 19502 73558 12628 99408 52906 55482 54480 58396 39353
59613 06410 33301 84588 11538 55602 31315 55906 79334 75530

60203 69148 02350 38591 35249 42219 52499 91345 99200 13533
20270 53295 59881 48845 42619 25122 75171 84900 14957 17347
40039 83327 54397 35335 55307 93237 06463 81582 82847 45939
12441 61230 16890 30227 79564 01732 26127 21675 21221 22627
46314 64364 59355 16341 28039 28496 06284 25969 69359 92322
68076 30955 87987 21822 36714 76633 12716 46575 63205 08546
98766 55268 28841 97484 96756 59258 56790 66195 29959 97645
31205 53677 59560 82288 16039 78019 42583 06197 90761 83711
12185 63734 45150 84355 34994 56090 00351 36739 25193 80427
48403 07183 20027 26166 27401 16117 46422 26833 74492 71811
33405 40918 23894 29211 50012 60166 42114 34804 73376 68750
17573 43454 16674 01762 46801 18161 71621 76455 84406 48646
45216 94685 49008 49747 95395 39967 02298 25513 95317 17608
43450 09974 80933 11346 86044 20507 61553 54918 09689 84727
98090 42024 03552 26865 78662 23090 43963 24546 46246 62298
73293 71914 58075 53301 72282 10054 81452 17070 43020 10622
55687 30302 44755 23641 74827 57840 49723 25402 70881 87527
11182 27387 02212 90946 60843 32174 76800 58469 77886 47249
65058 82063 96734 92662 81873 84291 45802 63482 42588 16936
34371 32954 22586 77695 29811 07331 75183 18378 92310 68299
87504 43041 59325 63944 79038 19511 96907 34174 72551 52712
60128 81569 92059 93258 29767 23576 67527 79731 17455 86973
51008 38087 56465 30584 73883 86631 20333 07124 99907 19998
36501 00164 53746 70568 87163 97119 29682 70770 14514 84218
10191 64692 72562 74372 49062 42454 92740 03898 98764 95762
55442 59030 86730 18109 84729 18148 70260 98015 08351 20666
24721 78801 50297 98521 44738 83280 48054 31199 63064 26842
11746 10227 16804 57423 00000 ++++++

11079/9162/7509 kHz, 06-01, 1015/1025/1035 UTC

84872 76449 76630 38963 32382 06430 27284 88866 29434 51140
56964 12327 44207 23219 62622 37926 13737 53425 00960 38699
25820 68905 23504 26262 83439 84056 74674 59890 43889 64921
57521 93977 49805 53065 96833 12298 94264 59853 54288 22541
87166 67076 75351 09522 15064 94871 72590 70527 11636 22853
75108 81231 81005 75411 98780 65607 41062 07108 16972 68286
78999 49102 36434 52792 36246 02557 08069 74098 64977 89945
27237 98927 23400 00220 03312 72253 01985 58077 00000 00000

03054 94042 26988 97469 82409 13427 43472 10439 63558 18564
55490 48945 82067 10413 58421 17895 77472 36726 16408 39825
46618 77502 83317 28484 55296 21927 81229 50008 87871 35265
28628 32631 39591 39125 35487 10867 81242 53545 07440 15105
50879 74329 26217 42550 52272 84077 98542 70447 64792 20343
90673 97533 94405 49355 90769 24648 20468 18752 66287 10433
18010 87745 08577 63080 60198 58172 81876 54048 30654 54859
18885 64678 00332 28740 30107 01677 48627 81166 19159 42365
33418 32850 21208 95665 39713 85863 06754 89736 61606 52155
17926 22214 97215 74158 95137 59095 00000 +++++ +++++ +++++

11079/9162/7509 kHz, 03-01, 1015/1025/1035 UTC

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

11079/9162/7509 kHz, 10-01, 1015/1025/1035 UTC

20722 85940 24136 95739 82618 14856 57946 71415 96353 71526
37437 30325 01995 74243 18790 51988 65183 66421 70118 07228
66286 56113 37824 33680 96674 91179 91161 02411 10583 12284
55982 30337 05950 50908 73559 18137 32725 64576 45455 18334
52034 26475 50366 63244 94672 11649 43866 07475 92347 46974
77009 64665 80116 17082 94706 43143 93447 43432 99837 10205
08353 78715 94011 39694 98020 83773 30931 22562 04394 79233
43291 45111 48123 89028 29151 64600 25339 18004 08711 36898
64677 30794 87447 75876 42993 24157 86520 49231 83209 09948

26414 40411 82728 50930 74731 31355 45845 16605 94090 85710
18607 51247 51052 37233 49548 71332 72020 13044 24745 34555
57061 46445 50617 47607 87553 58965 82930 04916 88642 16336
25422 75529 32401 88083 46491 80333 92661 65413 87401 26784
87439 17092 60412 93347 69896 87997 60302 80845 53769 70037
37701 72864 84216 00118 07674 72449 90011 64845 92005 07246
78014 16663 18607 20292 55873 31092 26485 88641 93883 59779
49727 37001 61943 59029 78918 38581 02547 98516 23440 20339
25750 79856 23082 14804 37041 19731 82418 25669 34067 77247
26360 99346 33140 30229 00350 19663 11468 30118 63613 67882
76041 90170 48923 15264 95127 86655 87296 40304 53289 77712
21076 87896 15881 69587 53826 12557 13959 84909 10483 72928
85527 12710 06196 69733 34085 44864 47299 44380 90381 28654
12847 80398 88340 90121 90153 74888 91081 07917 62780 72185
27969 42321 74390 76912 28643 49131 16931 88623 64958 33094
16561 25201 36763 20586 15778 27230 62477 56209 75165 60498
60376 53007 43214 58842 31552 50977 67644 74506 80457 63574
46667 28207 33996 16892 43626 76097 45078 11199 13460 35812
91588 59535 14412 38775 06709 83042 03434 00976 01508 67720
38721 29381 65777 12296 37810 06182 58006 21895 64684 18060
20470 27199 44315 22664 80343 33785 28086 69472 22790 31316
58537 17246 46965 17297 06854 15248 40858 15056 81553 40420
35931 90663 31801 07705 27469 98450 93790 95693 71597 09845
53624 54805 94896 05175 25145 90162 77545 33173 66137 36369
95948 67820 81349 66359 35760 17255 85769 01532 11270 64418
26590 15329 52061 44118 87305 47460 42900 86216 22373 70970
27782 79609 95877 79309 14075 36699 22642 85623 37699 63042
35209 51434 75281 61861 25147 86900 14214 28100 32104 89851
16566 11732 79058 15775 37778 54977 77192 95949 86083 33149
48838 45916 33579 53784 41920 31453 14908 93780 34351 84277
74464 79192 51792 84626 48082 37401 47240 52929 90124 76332
15865 17743 81927 70411 43536 52147 82522 57945 12486 95788
07591 79615 12529 04747 47570 60415 00000 +++++ +++++ +++++

11079/9162/7509 kHz, 11-01, 1015/1025/1035 UTC

00878 25585 95866 17942 91337 46894 59860 87166 93801 91201
92796 66165 47020 81529 31149 19128 56006 38233 28132 44318
48084 52990 92407 11393 78256 09381 59714 63279 57320 17226
33339 62283 01180 52894 54373 85129 24783 22744 87694 96613
29130 91904 34609 56550 54779 45573 08083 39719 00303 75016
31522 73473 29112 05475 47015 22727 13107 08138 43992 76977
86573 63401 44222 19080 08780 67569 04109 80436 58688 00211
20197 12309 10253 94339 48849 27921 61701 76623 76008 95059
17271 61081 00000 00000 00000 00000 00000 00000 00000 00000

12858 57697 54372 59635 17886 06244 45698 16955 96497 02240
54707 78918 49796 80559 77615 10862 00721 12229 26178 29639
98953 47687 37715 22517 59122 26542 17663 28660 11984 52271
06827 44154 73298 55303 90526 36503 60051 92913 91834 79535
08741 59375 16072 44655 75388 04798 38767 09383 21990 86100
54258 69118 19066 98549 27129 63057 19028 61296 13659 50218
80017 55361 45489 96488 44932 37494 92671 58658 05312 78351
48314 76353 04771 98430 01982 07824 61677 00189 94060 70508
15751 19796 68270 72334 28277 46954 64502 44666 90619 86217
19179 62091 00000 +++++ +++++ +++++

11079/9162/7509 kHz, 12-01, 1015/1025/1035 UTC

70616 71906 28234 71700 85303 95344 84023 86494 52852 72761
28353 88815 40011 47150 97467 41221 41177 73577 57090 99348
44673 19311 46871 52927 31543 26569 37828 31730 99062 98785
07463 99900 26132 96361 62240 87103 22761 52814 62118 29918
30819 47290 26816 21939 68241 94345 28509 95986 33883 36961
00635 86903 15203 53715 17502 48337 65967 16051 24387 21977

46161 56581 22805 82663 41291 34365 40649 07817 03278 08097
41871 44619 80108 53138 55409 73382 26453 83343 28039 90555
12423 63595 30836 59792 72658 24012 73938 04518 62943 11749
09305 40449 16521 41329 26136 71482 17302 29459 68672 97404
32162 25240 31032 06853 69506 71738 08796 53974 56284 59835
12012 42201 50659 60301 69312 63608 32504 45032 77840 67259
38914 33375 78655 55007 36937 24503 62317 28163 50685 01750
34335 33489 85038 19859 95166 81940 13113 11086 14456 38604
19687 71074 04194 07259 17773 10468 20495 58007 80518 83168
48677 71413 55634 27208 51322 97572 54516 79137 84020 53571
33275 47903 08474 07758 07841 59128 57650 24264 70339 05739
32679 66225 98922 65877 36165 81125 78250 74041 71628 16709
72794 56380 63730 40892 20172 66086 79001 64128 36677 79828
51733 87636 52216 41150 44740 25960 16817 61786 99672 77267
45909 16818 56567 39852 96568 94621 47318 98262 91895 87534
92767 27491 35735 34184 58097 88672 84907 49412 46203 14721
71153 02736 33752 09352 89969 31283 79594 07909 98525 98132
60235 73458 89859 32006 12038 26563 35511 09249 84856 32193
13824 64020 36781 92199 66057 37663 24684 16792 47535 03150
70249 73460 65988 25583 06190 36769 24304 44657 32313 87478
09842 90029 36151 34407 97538 65550 57818 57498 58952 63261
03799 95502 94460 93135 39352 26739 30789 39460 14211 16353
51058 79825 01274 28516 49539 27654 52968 27007 28303 84188
04984 12605 77949 10904 82047 70746 09610 58256 85447 27859
30405 11727 66973 39838 79546 41079 18972 61078 67271 63782
35211 67518 83795 58530 22223 32124 70475 89795 65824 76242
70364 29358 82504 45289 00346 85741 10364 82169 12047 77496
19281 96911 33695 11273 45022 55910 10135 50611 76947 39247
83158 86398 54030 39515 79377 44914 48856 00579 97778 94417
44305 19720 14195 36209 32590 61591 44841 91094 91350 57436
36135 17203 16483 87984 72960 20089 16401 73492 22588 41057
97397 19340 56418 34641 94825 90630 16747 71192 29746 14241
20744 25493 95772 31742 18816 37345 05764 51638 49558 55074
53071 74363 58474 97871 67032 88465 72652 97930 67375 61420
48585 08301 47254 73511 35327 87402 39567 68216 20159 96141
46277 17531 48977 68555 35400 25675 38562 41935 35363 19615
22932 57357 81403 63423 00000 +++++

11079/9162/7509 kHz, 13-01, 1015/1025/1035 UTC

15643 69261 67086 31174 82895 05273 97738 96704 68272 02711
47385 05537 57149 79159 32427 57141 09155 19160 82578 10119
42464 14440 35755 25408 93582 81585 20172 45527 57305 80587
40837 95789 36544 82707 12630 18429 56693 61096 07139 75568
24250 02606 05469 81982 34348 64224 74183 53575 56908 22586
06587 82517 56093 89979 96515 74992 22744 95298 36851 12462
24500 53371 59912 22415 03275 71105 61938 69523 74787 63893
78840 03147 09833 80696 05413 22119 01972 61271 75175 42762
51341 73955 43068 81055 19262 07456 38152 84906 33335 15083
78514 77456 47712 34861 65583 97353 88235 33955 00008 46945
37117 50856 86317 84308 36872 33748 18541 20074 18161 98513
63953 04964 81258 54800 87177 19000 85815 64117 00000

81670 66087 42648 31054 92234 74582 96994 29631 56754 42361
96843 08935 30029 74837 01362 00320 21441 56984 00725 56200
75760 01109 73729 31861 50924 79486 69717 88840 03722 96549
88263 87089 19332 80308 55043 58084 45638 97703 17334 76085
18277 23571 07588 69730 87338 17904 48499 41138 81665 91104
98019 84734 71691 61918 57752 22955 16748 37718 93155 01047
07782 71851 39012 08124 41424 77721 88578 16696 86340 04291
89867 57824 27803 02705 97501 65075 00000 +++++

11079/9162/7509 kHz, 14-01, 1015/1025/1035 UTC

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

11079/9162/7509 kHz, 17-01, 1015/1025/1035 UTC

69816 05021 45717 75330 92857 46750 67346 50241 10487 96674
57787 66215 07556 59688 19717 02634 85912 44822 72184 99254
41891 96410 25218 22986 88895 07528 18658 71854 45985 22942
91118 33377 98528 53572 00156 39508 41640 69982 79330 85361
42560 41742 18365 03883 62777 35065 17154 13678 65889 95838
19655 82155 02112 15945 64266 71210 05399 62582 49156 57595
64084 75251 35967 45200 51006 60113 40337 11405 24038 36389
82671 54706 32966 14510 97615 35802 93652 10681 25647 29317
15426 27566 35235 28360 92621 55770 49010 69107 96230 75812
72371 67586 26580 65270 47970 85855 12979 40792 84510 69768
71288 89657 33314 25501 55325 70580 11057 27049 63059 88426
92155 71853 83533 72561 19206 26772 95438 13483 04928 31558
53288 37452 24058 52060 22133 23795 18617 00303 46741 94571
64989 63658 66192 31291 76264 10282 09821 98368 38265 63011
35439 78007 02705 58903 95787 46194 85910 36608 44145 44490
46555 18756 15034 27322 40824 81561 40964 89436 78463 28812
91145 03227 28147 12447 43112 20602 45594 66897 23199 19104
22881 49390 76793 96941 82377 03394 54322 46644 63755 87396
23885 62011 77495 36205 46496 58057 23341 46946 74859 08620
97125 06968 61610 31345 34421 05821 87973 74717 64435 98509
48767 86825 72607 12198 54691 70556 95323 13563 37837 54905
95207 78979 71364 37081 90410 34724 39264 75103 36342 59383
17166 35578 83282 65664 50116 26326 58310 03777 38264 68576
44982 53592 66396 88387 59208 97760 38258 31996 44753 92963
01594 34785 36799 81510 74853 98542 67028 10443 11488 56722
08625 50356 62792 32362 84676 31111 25205 18383 88377 36624
83034 34931 88492 25933 82520 43454 18513 72717 98186 22214
72937 40462 77416 32900 59123 35455 74182 33055 78135 04805
07885 13983 33048 71659 08211 68830 88111 24829 31982 20540
27246 04986 62896 64344 85285 54630 30133 04505 50410 24018
06730 89977 61214 50234 73689 78682 46834 51593 60746 85088
83584 04565 99728 90770 66532 95398 51457 22658 19454 63652
92113 28634 91604 79797 70026 05193 14744 24095 68794 56829
18853 58925 37703 91865 29980 11769 75363 84376 98651 11016
77501 56924 32289 41791 84861 63782 30063 13993 92127 79331
43633 59726 03832 21317 12202 02307 48161 63665 45312 64052
84623 18531 51856 05016 66486 92272 38696 09871 43948 45038
27356 65126 18967 08660 62223 93863 87683 42528 08685 40176
31382 32147 64641 20509 41927 60048 33849 84072 92602 03764
34498 49539 90304 40525 41499 10178 70018 63400 85884 24653
17518 38534 59790 35641 31224 58200 00428 83475 59159 69328
51507 06992 71943 82216 25532 48771 57756 89105 15422 06969
50211 47302 28872 00903 25082 06540 43919 42611 26804 85266
09132 31542 10710 25549 36861 14589 11917 81267 63003 78632
76815 19317 71701 66443 00000 +++++ +++++

11079/9162/7509 kHz, 18-01, 1015/1025/1035 UTC

46975 54529 85088 22658 63508 03396 59153 35302 06579 59317
48171 60156 93249 22539 02950 74184 97957 88351 90548 40688
52231 64472 74913 81229 48030 06484 87821 99206 99388 44782
57470 91026 42041 01470 86459 05824 75723 20616 97089 39635
78842 60343 85423 74997 50193 20168 51747 01889 57414 02026
99462 80954 96868 28429 19633 34954 94638 66196 03346 79373
03324 29175 49114 28130 74321 58412 57467 35315 10289 03207
29948 58908 27467 51470 14685 57401 82549 82848 65738 55272
43802 43029 08403 38242 11094 62683 27651 64256 14550 69471
21911 01121 46507 67093 00000 00000 00000 00000 00000 00000

25150 77677 70220 35322 62053 73215 98624 08941 78267 45593
70444 84790 76711 11030 49957 75150 48248 46186 07159 38469
02469 60812 74762 33112 80211 79092 48657 88408 52503 53110
49011 78905 35620 56892 84208 12797 76940 34442 84794 70435
91297 00229 99647 53893 52497 15543 71525 33483 69705 89175
34209 02202 03383 75852 98404 74010 00461 70853 18612 86906
53444 24264 58130 96717 13118 23297 94398 72550 09569 16110
31857 29845 61184 75571 14515 61960 76331 26405 55411 56230
77398 84143 25155 05434 01889 79344 66747 50610 60251 65493
28840 68091 00000 +++++ +++++

11079/9162/7509 kHz, 19-01, 1015/1025/1035 UTC. Wrong shift: 1000Hz

81289 96184 44782 83081 99817 77985 07683 07615 75258 32250
30208 05848 42418 87761 05079 60411 84545 86235 43188 12362
14897 08874 00127 62585 27537 49111 33679 27999 22060 54998
09451 38464 31931 89634 96837 85367 11125 83127 22508 57792
58755 74469 73598 27236 86373 66813 67798 66786 57642 44552
32518 15719 55046 25659 60328 25437 53354 47713 32856 47699
04494 11060 30321 51065 63552 27537 68911 76511 10571 48198
33173 68129 47825 68487 95610 39873 77290 34283 40674 64273
87958 97266 35342 94060 07719 93041 13459 52639 99461 40440
66042 54343 06124 85466 54723 40417 74335 38298 90531 41657
11375 76800 45184 03650 55104 14975 87099 35542 61591 59787
59289 68289 40082 04817 41344 33313 90038 34154 62680 97501
19899 34997 59251 15499 52279 42363 90900 85217 45274 64386
61539 17513 84570 61597 09359 55945 26039 78666 59236 07590
93511 52005 54540 70815 61412 41700 10522 70963 76945 61191
56465 39892 01521 03147 58810 00293 76102 84962 42402 40729
40174 62331 52089 92345 59002 84314 21827 43166 38889 88357
43501 50928 35101 58678 52635 40392 82161 96480 73184 96061
01192 75410 88602 86246 63991 80719 31356 79416 18548 55536
08095 38774 05654 02728 02647 05988 21328 15741 24032 10027
04726 36908 91689 62026 56220 66611 75094 22126 15355 71781
29956 49221 53340 67132 98188 69559 59789 67603 63839 25124
28383 35421 82154 87738 71145 70230 23991 49833 16019 15727
02729 27806 67432 81238 75908 38921 34541 01672 38753 37684
56830 84290 51771 22617 81768 15737 69637 49388 74205 27751
63523 11231 62187 45013 54072 72572 48891 63557 97212 66838
45356 33187 89985 94340 03708 42333 88577 81209 55551 28787
55755 85296 85235 64756 79876 59986 92663 89670 32672 11855
25341 89178 57984 13115 84352 43774 08650 54787 33948 95490
73718 51522 69436 06097 63182 34034 23059 05238 42427 90050
12548 51949 33561 39756 62035 57992 25834 56630 50029 46441
62330 69641 64114 43964 95109 07718 67083 30227 26001 72454
04184 92872 75219 49967 06166 61495 45012 97849 67809 19063
70503 68166 06642 14214 74940 52417 31504 22872 71514 59412
75678 32618 78959 61993 74251 48246 43101 73542 90396 41956
81554 40213 20281 96608 93749 59816 31266 15483 03481 63315
13094 96978 26163 19842 46757 97695 77976 51197 20728 32332
69103 66756 49238 83832 48221 54719 72293 22228 90470 90655
42122 55611 46049 49260 25733 61668 91646 30277 78268 73223
51906 34520 66856 16219 83074 50924 49629 23575 36067 40576
39609 73373 41098 28650 08146 24780 81091 40190 07593 50175
46045 40685 17903 86901 85536 67357 46845 69417 00000 +++++

11079/9162/7509 kHz, 20-01, 1015/1025/1035 UTC

96719 76812 10539 76176 67821 60534 07618 40931 23442 73191
20120 31847 31685 40815 80815 00843 67441 89405 52395 99824
57506 64237 92747 50824 50002 70744 28144 55685 81562 04181
70276 24987 40704 60231 38075 30895 50830 43773 70250 13625
21295 17963 39501 96206 39978 60850 04308 87238 05800 21692
59275 76312 24609 94165 69934 51809 16896 48665 02967 95737
10752 90856 87765 35320 18525 38708 70291 55992 20603 35147
45143 40704 60231 70073 00000 00000 00000 00000 00000 00000

54345 13770 18066 95431 86927 18838 31039 82748 57140 44975
71761 09878 77075 99589 87012 34425 28290 33123 17253 74982
60167 49588 43081 12148 38760 69558 93889 00580 50813 69020
35925 78025 92649 42558 81921 82255 98609 64281 89510 11850
88719 44947 40583 91770 40297 08715 18801 29649 13163 37963
27432 73744 83153 59608 14718 08491 63628 71373 98932 48584
19643 31429 10351 17541 04495 59848 92290 21664 73314 25325
28423 55364 53395 15571 88544 98754 75950 14858 09995 93481
98986 37109 56897 07703 75967 88004 24430 26174 49979 54528
80300 26362 78060 45390 60607 26537 15405 30765 62295 16771
14105 71101 00000 +++++ +++++ +++++

11079/9162/7509 kHz, 21-01, 1015/1025/1035 UTC

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

11079/9162/7509 kHz, 24-01, 1015/1025/1035 UTC

61783 84785 87456 14910 26699 03412 26506 18162 75065 66222
47686 70947 29569 72362 50320 62824 77713 32968 33128 77610
64642 78996 52136 76654 78232 30479 85704 17755 12424 56895
55131 51902 19703 83341 74249 65044 88679 22190 26481 57066
07713 34923 92749 75150 00490 53833 78730 43734 44535 18271
14836 58222 08553 05128 27407 34668 69559 58257 04526 32592
95741 46494 04893 93136 05970 04984 83216 59737 41910 39498
30536 73504 13675 98423 52927 60494 04942 42121 37024 53067
48487 64324 75790 12514 08062 45287 52993 45137 27556 41353
09793 28978 33386 40633 41905 93378 01042 39497 00771 18558
21728 19534 97156 47397 30049 29711 30649 26623 78655 03376
93450 19569 70808 64819 21938 57707 86789 05078 94409 23136
65099 31657 98466 79214 24367 21869 16450 91531 36936 34474
02388 06384 90036 59307 48889 78974 95496 09583 67406 68496
33922 86558 30323 42301 44298 71256 48284 56339 94920 22915
81234 04054 96630 88873 06571 50917 44259 55569 92868 96810
97236 95324 52606 33410 35301 88640 72341 88782 50238 26650
43754 76384 59598 23446 44014 90635 53319 92949 38900 16260
09199 70026 07108 43590 38153 80521 09191 07013 45198 89914
49567 88746 17086 85267 05028 55140 72545 70165 18185 17677
36059 77336 79307 35872 21101 28624 44963 04258 33798 97025
66917 90630 32933 50452 29731 17760 07234 81929 20473 05742
55883 55900 79014 17180 83190 25336 02315 72394 43362 99330
01155 26828 96306 65876 32747 27855 60408 99493 57667 93165
73220 08423 94531 77925 95993 01047 70870 22888 23001 76239
93629 00655 81575 67331 87742 02264 33819 94375 76194 31301
15901 04396 00046 97717 75889 04319 01814 28540 96065 16267
20690 37667 10639 09894 72999 21930 54814 91474 16353 75612
06144 54405 20933 40618 04099 20827 96341 34465 58805 29043
47455 23304 84877 46431 57717 32139 21281 12526 23312 09450
23176 41968 86655 88387 36665 42001 42641 11745 92390 24214
16069 12884 78917 15196 33718 69807 81838 95818 39470 74562
99540 23810 25948 85157 71567 19322 81091 52201 80515 18170
73108 37418 13408 22435 22251 66260 93474 03123 32838 81780
18280 34556 83971 91965 65136 65189 02384 27715 49744 54548
65845 53647 48983 30958 10587 98930 23811 49765 41151 00322
03190 56736 66132 74589 14991 86317 08226 62533 74805 49447
62036 11762 68603 90602 98075 90433 90180 18779 36389 49140
19327 42074 38248 73123 51651 60583 89346 92004 16010 97269
72944 39234 40464 71523 56376 78423 52717 45078 39392 38766
25957 94974 37743 26725 06044 93269 00459 06176 80990 72409
00000 +++++ +++++ +++++

11079/9162/7509 kHz, 25-01, 1015/1025/1035 UTC

75260 51297 71568 47912 02235 50274 64615 92131 59176 18809
49371 41069 03402 06250 61423 91879 91741 27107 00058 49659
68017 67151 02497 17384 06460 69292 17059 80474 28283 85188
04938 34423 33591 03509 25279 28934 15794 90798 83241 26994
50742 05877 45745 02330 77751 73704 54568 23681 14703 29670
91509 99318 74425 70214 75273 80271 74525 70747 94794 45662
57865 56782 08672 18624 65869 39232 65393 86217 31857 49806
24068 21784 86578 37439 80315 33185 93140 11690 27028 73079
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

42794 75783 23952 88825 98018 16484 38140 52158 71473 41827
25799 48198 05534 07116 55608 56154 50325 08374 09611 70893
78397 74427 37387 42531 26435 94245 86488 97371 43716 77965
01332 01140 51995 75056 07746 50422 46495 98035 25335 03285
92705 25206 74877 84971 98665 80818 72917 29652 67423 16124
30763 44134 59358 39737 00060 04488 19057 70756 32133 21520
46424 13073 43292 36028 16720 74312 03276 29786 79211 77836
89029 63179 89124 41257 71003 75445 52585 19881 24157 08448
89232 38549 80856 39920 42204 60271 67862 37121 90155 65137
94570 66842 41041 37900 84728 22693 12299 87700 68783 55613
27161 48355 79065 18548 81762 32642 14997 61209 62738 39038
70496 35889 19991 34328 40790 74115 00000 +++++ +++++ +++++

11079/9162/7509 kHz, 26-01, 1015/1025/1035 UTC

81320 42601 29299 23578 20413 64350 70550 97723 57442 15253
25245 29034 87845 59878 28119 25635 99503 48837 63255 38103
71050 79077 09323 04375 90198 54282 85290 97110 84280 06296
01330 96924 80172 63524 44572 39940 35813 77252 54422 13097
10481 41802 67106 95644 66035 69473 34147 70277 16302 06217
44456 52319 66782 98962 04718 10423 11896 50538 57769 77211
81918 23140 43655 73293 56820 76255 33043 93095 89180 50015
87692 25953 03385 29881 27657 10887 63258 53622 09922 48510
25366 46512 48141 18507 20129 95693 28192 76106 27968 99628
99200 26004 42650 53594 44757 97161 39033 57149 63987 66918
87389 54501 17176 07865 81501 43738 15628 55899 72713 15829
60458 22919 27124 09359 59992 02574 48120 91915 80466 42528
31421 04079 09720 81661 44832 26945 38560 75646 49896 59122
89492 59345 07624 14135 47499 19463 35495 74179 72558 75885
07914 61160 98587 95150 17316 10955 48502 84486 38097 61833
20074 39852 60573 92978 22274 46417 87133 74038 66800 54927
07805 11657 44459 82376 97381 03906 41101 10443 01338 38576
72800 80109 02687 96243 44950 05916 86993 44062 64977 58276
47714 31218 63358 87302 99053 21981 02622 86567 88536 27285
79024 20246 26468 20793 46597 62073 74473 50362 18234 19562
60317 80861 23521 41900 11169 29270 28002 34988 22522 78004
43536 32036 04936 77400 84478 93169 75805 73298 49335 32471
88336 20655 32595 95905 14906 69136 96434 38561 27020 31619
56960 74640 39031 71531 64698 98647 07812 69993 84008 01203
05578 58667 01110 27923 08042 29275 15405 54804 65085 55709
93797 78549 46138 89684 92684 45274 77452 15856 77306 66025
13459 77349 93156 92558 09393 07643 69121 51803 87377 29729
57051 62457 13151 08500 37443 82153 25624 67296 45920 58618
86460 04553 00208 83286 41863 71470 32279 70780 13753 96679
55364 12718 62535 68792 20513 79263 88625 12818 42395 66883
64943 21355 99021 15713 17545 26513 35090 45009 96585 23486
23618 80090 04810 81729 65573 69228 75741 04673 32176 13916
18768 23901 79568 60948 73310 38748 90530 29762 39266 37238
22933 73464 75896 59313 69624 96992 86372 88281 59421 80833
30143 81423 53908 83757 30328 75705 19716 22985 68319 29514
80987 55235 82765 86375 81696 07093 15157 71579 12523 28123
69163 57651 81964 65188 75937 59607 36376 81380 82561 45940
58617 68031 05825 76254 00010 23221 18521 01507 25271 95226

60452 87777 75136 14355 91331 49519 76333 61587 27760 03212
53616 47480 31480 77363 23530 99755 41080 39802 74605 83025
64353 28189 63671 99072 73472 94684 82955 41144 70204 00723
77684 75411 00000 +++++

11079/9162/7509 kHz, 27-01, 1015/1025/1035 UTC

76823 92268 84511 89600 03290 82321 02196 09151 26889 80620
50588 12478 34624 96188 19814 50183 54384 17853 75947 37382
60450 85545 36299 23887 93164 32412 98707 34410 28710 77411
23270 70977 59901 73084 89955 94732 73973 38192 80528 29323
38263 29899 58235 53059 29744 35202 43671 72025 69348 86274
10288 91343 47009 29438 47958 26759 48363 02419 68049 23752
19050 99605 48434 76354 27549 29975 41887 62865 12490 76069
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

98100 24108 16441 90210 47621 42755 10110 86784 02016 24211
24090 86578 32384 42704 98152 06587 89389 55041 08794 66567
33233 44233 56093 67094 42630 58131 25674 43086 01232 35277
86687 97516 84922 35149 11790 44991 98435 14983 30002 19864
34722 20366 48446 28609 55510 81792 03843 51100 16497 34358
29747 20516 85599 02787 50437 36540 27718 18977 37401 91552
54437 64261 89361 14497 62102 53552 21773 62105 06721 03572
76722 12183 89107 52357 89191 38623 48728 22214 70586 72854
89669 43320 95504 81396 87178 80161 02657 14216 48199 27982
45882 03578 24358 71451 56207 18062 00821 77097 00000 +++++

11079/9162/7509 kHz, 28-01, 1015/1025/1035 UTC

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

11079/9162/7509 kHz, 31-01, 1015/1025/1035 UTC

20136 25809 04862 68337 25621 30841 72257 87487 87221 81904
79524 32021 34850 24961 27063 04229 92898 23218 98553 63386
00622 38593 44670 67434 24408 56423 34072 44508 04139 47082
48483 27517 00810 72855 60832 63604 37618 62106 49825 05746
51689 36663 80626 34914 98632 03361 06341 86238 77124 45691
69986 77617 65691 76479 11642 64202 88892 37371 00455 67198
55080 57223 16205 50425 32932 01855 50106 43061 58943 81904
79524 32021 93054 98911 96325 72400 64622 44068 53507 89421
75903 84388 39829 70319 55243 97422 97119 69614 77167 40439
09937 76192 91547 65017 22291 15642 29041 12992 61097 86284
74983 54674 71059 52335 28932 55305 90660 42621 92036 80665
23967 28315 49429 77775 87902 78101 39822 91644 39714 14227
29505 03984 14296 17866 32915 04828 26056 57237 46984 33010
15036 36916 91439 46420 41946 91774 72250 07981 61814 73981
10404 98295 30942 06521 03207 90877 26841 01634 10285 50931
85850 67654 81488 43590 88116 52655 68867 62580 44624 98343
89924 15220 65960 02658 34326 24708 17514 14486 31248 35637
90778 08950 19565 33666 45464 16702 88053 15286 02091 05651
77800 68627 89761 38577 64013 51236 78801 55060 59401 75761
52936 51156 06336 39489 00726 55275 49967 58665 30907 23680
09477 93534 41361 04057 89673 75045 96379 40585 00101 69151
91911 18949 73852 39644 13499 74737 03289 95465 16561 13643
34827 33422 83743 16932 90004 12254 38996 30595 05002 18985
23078 61631 05803 13497 60179 29896 61197 62265 70344 48958
80790 97187 07376 34388 50232 60454 26921 62937 20835 21383
14421 31027 95766 76174 27610 85990 80029 66507 33250 28508
86380 77918 42794 09673 14403 03911 76665 71123 44913 86720
11831 01673 16878 70673 92366 08888 11831 01673 16878 29046
33486 50655 68218 23901 13157 96194 32912 37714 60823 61808
68777 12966 01366 09283 46636 88204 24767 49725 03063 26457
21914 91365 23120 47642 40433 87446 23582 63433 52723 45152
41327 37991 53387 81514 56604 23014 28244 37221 05838 40548
62108 84278 63682 11986 77534 88455 98994 56686 21696 12451

34427 08677 43602 70721 64308 24843 28834 71908 10530 83070
83984 09797 21096 93764 87998 88750 41039 73177 52588 94552
10390 52000 58923 46600 68879 17643 62774 92378 72076 13641
85306 30162 48627 44626 31695 70869 53302 60312 04774 75025
95533 16909 05878 25749 48119 39421 40089 23720 65799 33265
68062 15052 68381 18639 71615 88018 68097 86079 25286 99554
45896 96653 91023 17494 06344 75212 78221 89452 65823 70153
36259 74322 53726 78119 71760 97291 31319 57077 07744 14340
57972 76215 26851 97145 59439 78415 00000 +++++ +++++ +++++

F06 – FSK 200/1000

Link 00052

19667/17546/15604 kHz, 12-01/13-01, 0900/0910/0920 UTC

11166 00052 76315 12001 02529
70192 36352 56616 85944 01071 86339 21936 76471 36120 71838
69935 01325 68560 10140 39686 93913 13889 64599 30645 39985
90378 26435 80436 10252 39559 18126 50538 32582 78191 85558
55814 83424 74139 71146 98838 03158 41869 85088 94933 65054
06018 16960 98876 52544 06470 54816 69198 24470 43362 04022
31020 73011 85485 22949 23360 03981 90487 17783 41853 94162
10337 63574 12819 05398 80477 43771 59609 60087 16111 25373
47183 07811 64047 11932 15845 37753 83555 41573 40069 16607
54662 22211 73374 56661 37321 21172 65158 43747 29906 51391
60448 79740 00453 21386 18501 19293 89095 41177 11182 05500
05133 01368 87072 34172 67151 67535 12236 01419 59671 57166
23577 14208 04712 91275 55744 68606 71752 37936 27500 25390
74501 89886 98498 37691 27921 43402 32418 10400 63947 70628
27373 95974 29331 02564 99549 56382 14050 64860 31005 45826
83729 33662 17559 93969 14494 03633 77725 94333 53707 85389
08615 27557 55022 74517 99741 74203 61187 59348 40691 96820
33047 59700 83560 95904 48166 13763 46125 69496 17522 55311
66671 31069 93705 48442 46418 65403 69056 72015 40479 27142
87179 70989 83294 11711 16282 16843 59478 53279 57759 44260
56003 29471 88473 56280 56685 77493 60162 15081 64873 51384
04413 60604 65317 75055 16640 24200 61119 70828 17506 29468
46726 68142 15221 97506 02896 22128 17154 98734 24570 96732
64205 18489 17600 92079 86365 28570 25250 20760 02904 81943
70430 62727 15626 72767 24587 53507 68631 28939 39189 85380
73015 29347 00752 26257 19949 63025 95333 85894 30576 72380
01250 00000

19667/17546/15604 kHz, 26-01/27-01, 0900/0910/0920 UTC

11166 00052 17935 26002 02859
16567 14153 75522 06334 89026 14728 74764 09274 36120 92323
42202 07726 80291 14257 96819 83605 63769 02732 48051 51137
93767 91667 73672 15106 48677 20347 81790 49510 40846 37315
24088 32565 35357 12970 52533 98995 55214 84284 36734 95541
02654 80093 84120 50634 51253 00384 30147 94164 88524 48027
90707 88285 13690 36388 93935 55192 20312 21257 33597 12807
18488 30526 11245 54314 76268 90067 59330 32483 85006 69229
62467 34707 78327 94408 19019 59708 59389 04120 10206 31837
16133 44010 68930 13911 29217 25251 65479 04519 02304 94750
52327 30740 69406 90607 35190 72214 58966 81274 62552 77488
19359 11837 50828 58594 35519 05862 87361 74778 91355 96251
78438 41338 57665 83538 34513 24485 10211 45062 09827 08189
07678 43452 38603 43921 84165 07878 35024 19260 35928 86481
49149 06265 07038 93442 95994 75589 03659 99108 99928 87239
91625 36631 21601 93942 57005 23536 59565 18043 34345 21687
43809 87870 32270 84049 63360 44526 11141 61719 95156 55009
92445 69639 26385 92627 04624 34444 87455 70640 94991 72868
37812 40048 62478 74171 71760 87491 90850 84984 36503 94180

87105 20055 79574 41794 54731 47291 67845 76293 56521 20578
45313 65583 46622 58765 21835 11956 76508 94300 10014 05260
04572 39921 52414 27723 64012 46849 06298 46387 68711 52931
78061 54059 61790 44157 24579 44751 36523 77990 63619 34522
84309 41960 60529 63665 49372 45935 83386 41190 94895 71537
43783 17520 10270 27110 65452 96345 14133 81702 47905 21592
32908 76484 17283 00400 59509 37048 81595 48098 21922 35021
32554 66075 16318 72435 61155 88500 84423 87290 79241 58834
39803 03738 64192 22058 72766 75341 68955 43561 88561 94833
64589 90634 58574 68817 07525 37488 89187 80845 48707 79752
38014 91319 26835 02283 00000

Link 10053

10378/9169/7419 kHz, 02-01, 1530/1540/1550 UTC

11166 10053 78923 02001 00049 00000 00000 00000 00000

10378/9169/7419 kHz, 09-01, 1530/1540/1550 UTC

11166 10053 26489 09001 00049 00000 00000 00000 00000

10378/9169/7419 kHz, 16-01, 1530/1540/1550 UTC

10053 15963 16070 00049 00000 00000 00000 00000

10378/9169/7419 kHz, 23-01, 1530/1540/1550 UTC

11166 10053 96321 23070 00049 00000 00000 00000 00000

10378/9169/7419 kHz, 30-01, 1530/1540/1550 UTC

11166 10053 52369 30001 00049 00000 00000 00000 00000

10383/9046/7313 kHz, 04-01, 1650/1700/1710 UTC

11166 10053 15973 04075 00049 00000 00000 00000 00000

10383/9046/7313 kHz, 11-01, 1650/1700/1710 UTC

11166 10053 74563 11001 00049 00000 00000 00000 00000

10383/9046/7313 kHz, 18-01, 1650/1700/1710 UTC

11166 10053 64213 18001 00049 00000 00000 00000 00000

10383/9046/7313 kHz, 25-01, 1650/1700/1710 UTC

11166 10053 65874 25001 00049 00000 00000 00000 00000

Link 40122

20154/18304/16156 kHz, 05-01/06-01, 0600/0610/0620 UTC

11166 40122 39620 01082 03269
13165 51451 13003 95891 33673 02667 90090 74573 34218 45665
29392 07374 53415 86289 98965 03799 59865 47889 92286 89891
52123 39915 14985 60670 14626 06303 70506 27190 46761 39579
74390 06672 07276 71627 51846 29142 41190 77049 98317 59004
81437 50062 07726 54994 42379 40874 98069 16954 47415 62459
89086 92854 57861 03692 11640 44512 95278 09756 53541 95436
74452 15783 71484 09240 89201 44651 23774 72054 18206 04876
03550 77386 43044 49540 77184 36858 95623 82199 57542 65255
77193 20691 66791 13334 16124 54793 68452 46821 56646 58673
73374 95040 95741 44054 49327 17602 10347 65040 88881 62603
42098 10548 15297 14767 31770 45258 31069 56956 20610 85059
38847 93512 60760 17885 89403 08837 01946 05903 36338 59675
46616 29998 02212 24523 90741 62466 85786 58599 92427 78878
65076 27828 35562 45030 75880 20254 80659 39939 70487 58344
20107 00809 86256 60601 79987 00903 78736 25934 35677 96264
99026 39214 33389 02231 20069 21470 34881 85656 41544 73139
27473 83808 28080 83829 66601 85849 60433 07020 43069 37867

04365 23138 92198 57365 26861 39459 87061 68170 14417 00257
82978 91688 73057 05640 05479 55440 14776 62529 98899 04824
60094 16189 77824 29037 11423 35772 48534 37096 76904 52297
92668 44890 49436 72515 30282 59208 70558 17085 04479 69676
33884 56499 54826 84544 07784 43218 71709 71253 81974 63411
48849 87727 67742 56780 76135 15333 06452 77880 39992 29420
66052 97383 23441 68416 30251 66720 23064 87379 10061 94539
25050 06971 32390 08421 07505 93765 85370 00278 61220 32861
25119 78889 46094 78693 73606 78006 25373 95027 62324 93444
44917 20037 01448 47637 49678 17419 79168 05057 54567 99485
20895 86949 11898 33165 62996 58840 42614 64847 20796 89206
23462 25017 55478 02800 47313 98606 69619 77022 98814 72016
86010 54814 12564 92723 89476 72480 05990 02432 36364 25889
04124 29693 61397 23501 98456 52936 36582 99639 07066 69848
61851 86458 28198 34037 92130 68038 04495 44916 30523 65046
40052 01755 42292 23405 82324 00000

20154/18304/16156 kHz, 12-01/13-01, 0600/0610/0620 UTC

11166 40122 56321 08083 03029
63383 60763 42806 71826 51421 49110 97496 70887 78949 68878
11942 46034 93795 61228 77076 52599 50917 67427 06636 71252
88592 28551 29413 38019 22287 73563 23405 83783 85882 44213
34048 94189 74957 30181 43712 25896 71804 12927 84664 40115
56875 41655 12670 39374 36336 89852 83424 18437 40428 65832
99009 65323 72315 75711 16552 73364 12101 62276 36284 50229
05719 68154 11173 34859 93365 96754 45335 58257 57181 69381
73396 09056 92838 01989 38001 89810 34770 50003 07654 74950
89671 94638 02079 06333 58011 69165 17286 87323 48203 48549
67533 61363 13157 50911 86373 85925 63859 24241 53961 37843
39714 16799 42830 10901 40296 54653 99299 91667 48218 74771
02732 24473 97805 87134 69787 01494 69252 64271 95906 38868
12957 81687 51175 24790 33722 57606 72772 50502 89500 65459
21191 60148 84384 17573 92415 80403 60514 43482 03244 15832
18611 11315 91935 20898 21800 65670 01390 84583 62422 80449
37024 88533 96534 50058 16544 24679 75753 67427 53804 83264
31168 62292 43934 47232 88979 98152 41918 53880 22572 51376
51822 09752 70692 20851 68857 69681 76436 41661 41455 15941
26720 01186 45555 98415 96920 81089 88282 21758 30399 73623
83216 90450 07550 45684 64416 47715 84105 49056 31411 69208
03363 00294 42337 97438 12019 78661 97400 27844 34313 15582
79862 82469 84151 74025 46732 32175 19916 41273 86352 53320
71622 83507 85070 29859 95146 35643 70173 36780 33175 24859
21284 65829 87589 51258 67404 79465 32958 74087 11783 03966
25835 76971 51806 97631 89541 10577 86100 55033 79129 36165
26024 33221 56197 18453 53737 10855 28273 41238 94053 16172
32418 44202 92237 84746 67770 04355 14951 32970 06691 10537
16531 58191 39223 04431 37790 01456 30523 86512 29518 33775
95984 10380 17880 51878 23713 13898 53903 94362 99055 60602
14221 14200 10875 89788 45284 68525 44234 98732 68215 11650
83300 00000

11166 40122 36952 08084 02579
89212 05477 86487 02228 20510 65623 63633 60530 27543 41566
63151 36749 99717 47597 67816 76271 96566 19341 20564 92869
57434 80930 54147 85733 30398 08383 01751 61295 25124 12601
05751 45766 19328 90438 66806 99342 73541 17276 00465 68007
33860 79533 93484 33863 27378 70559 77042 49942 79973 98344
59031 70425 11159 78479 82619 12208 85652 10813 03274 08747
26394 63233 01423 42143 18657 11015 72953 64368 59974 05177
64728 43601 35547 68273 47311 96589 23824 41071 42079 92996
61957 28533 44927 42645 25793 18570 13739 01616 04117 71969
11806 58133 71810 06965 24407 84166 91629 26862 90706 63699
99280 64176 18180 33589 51487 39708 71738 97964 41731 59997

54759 02103 13355 01593 24187 76701 24715 55582 06914 88517
46082 30804 09609 58270 92954 39193 39194 31786 25489 11698
76159 15292 68740 18189 67886 10810 33378 89821 34186 12584
41585 67268 02229 50488 87815 23275 13058 91334 89112 32963
66871 34032 04652 90331 99258 59536 29217 94379 05586 21513
90292 53303 55713 88665 03452 80190 66228 74664 65729 78658
22385 16608 91682 41876 66946 87947 21804 13390 98100 56843
57988 83219 43646 25845 05740 17631 03643 13873 27803 46047
78697 66419 38909 53522 26087 04900 96319 52219 10899 51120
65861 30330 44380 87757 68136 01874 26684 40835 34594 05814
36186 95090 28155 27921 32588 78198 08075 43841 65964 74783
43730 06780 08957 56142 07019 28259 54307 36641 98066 25376
44902 92700 83909 33006 28530 05319 54868 04380 54524 12069
28272 48482 54501 79501 54239 77699 74359 31904 03198 64166
49733 97332 39827 28228 42102 84255 00000

20154/18304/16156 kHz, 19-01, 0600/0610/0620 UTC

11166 40122 36254 19025 00049 00000 00000 00000 00000

20154/18304/16156 kHz, 26-01/27-01, 0600/0610/0620 UTC

11166 40122 15947 22085 03719
12348 29994 78964 42486 53274 97248 13021 25009 43782 22745
22765 72463 11730 00928 31190 28600 94793 89780 51229 48198
92436 89427 72542 99748 23057 46621 77696 15101 15999 33544
29926 97028 93112 74367 99666 20638 19556 17996 22047 89563
28517 80446 02516 32887 49554 05291 12812 53713 95236 15601
44448 65344 85771 55841 11906 75996 16305 47132 22716 07975
96591 04337 56634 62275 17711 88394 21075 64519 25524 92354
75007 53184 05555 84531 38497 96050 08984 57231 30075 45809
74443 54476 99131 70773 25306 77178 45514 21616 47138 89187
43516 20086 75028 72651 12461 80631 45456 06143 01037 00878
92407 63963 77603 81874 92414 60085 43638 64088 88199 85155
12511 90032 45633 10007 20787 29512 23674 54111 64224 28393
61981 42401 75681 66850 15897 98926 87090 38024 93473 50747
42713 83019 74247 40527 55847 43201 14425 71254 26176 15701
68195 31531 59959 23090 79839 74857 60229 33150 26323 51371
79207 89674 15069 15454 50107 40250 66597 57661 40521 71938
36704 34400 94579 90815 57895 93808 56064 06291 04728 21251
89665 06148 12778 52889 42574 33250 05907 30754 13591 99838
11511 97756 21945 00371 68450 56088 93001 08827 57341 37417
03063 71426 07899 58361 50422 30700 63017 59638 44894 41836
04278 52347 32971 67254 68565 19824 00823 60344 10494 48483
22315 74292 90311 86126 44230 56953 91985 51106 25886 17685
01155 40818 75336 77100 97620 12948 49340 35668 42092 37903
09287 22089 61842 45879 50268 07406 64989 16989 45482 95766
38070 87898 73155 27789 06608 73401 18170 57456 63349 26376
65594 88491 93874 84552 28280 81135 54247 77544 75745 65277
80408 92558 56505 20867 34000 22244 31048 11552 14293 43105
57645 82474 90918 97912 98180 58166 37096 80565 36186 01478
68026 46826 24271 19479 14151 99369 03139 27270 83965 20595
59361 05649 96071 51618 14125 13547 85145 40903 60112 41202
11532 10951 88714 14986 29134 16501 74770 89827 91286 92664
11008 90177 99314 16449 09377 85436 23446 30081 11473 10804
50780 99605 75224 69465 39995 07160 30035 77070 87480 00378
17576 34432 34576 47371 60407 39383 70624 70702 25620 73736
11501 58809 75680 26277 58326 78297 23681 37722 66034 35561
35156 78600 76502 61148 43685 95973 95908 15324 72435 89941
21023 38255 78866 05877 44106 93270 64752 53309 91110 85369
00000

Link 60070

10166/9064/8015 kHz, 04-01, 0030/0040/0050 UTC

11166 60070 14785 04001 00049 00000 00000 00000 00000

10166/9064/8015 kHz, 11-01, 0030/0040/0050 UTC

11166 60070 54213 11001 00049 00000 00000 00000 00000

10166/9064/8015 kHz, 27-01, 0030/0040/0050 UTC

Null message on link 60070. Too weak to decode

Link 70059

6925/5235/4528 kHz, 03-01, 0500/0510/0520 UTC

11166 70059 45213 03001 00049 00000 00000 00000 00000

6925/5235/4528 kHz, 17-01, 0500/0510/0520 UTC

11166 70059 54987 17075 00049 00000 00000 00000 00000

Link 70202

10294/8068/6769 kHz, 03-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 03-01, 1200/1210/1220 UTC

11166 70202 93514 28085 02739

72296 30840 14348 53348 18173 29020 29987 59046 03200 32077
10956 72668 17080 39572 85303 60716 98529 51223 57267 47570
60449 61483 23890 17344 92915 43272 37440 44737 11201 56809
93322 53331 40992 44477 48162 24759 58015 97667 97750 07199
24230 06526 69549 96616 87799 28548 09422 89201 39021 36969
67297 28431 39392 34862 11451 95197 66018 45907 26076 14450
38530 17752 71850 76762 20719 98911 14179 98294 14057 75140
48796 67558 85302 76210 79422 52448 95380 89041 27158 65951
21713 38115 76296 14000 91192 19111 86267 73877 65998 96701
24359 76636 49420 02451 98945 91958 03896 93738 97883 38886
98441 59667 61772 70876 27666 84869 46764 08609 69548 07172
56614 18981 74181 30038 48657 63737 00653 75738 43394 66161
44260 90174 92383 69273 21250 35308 84117 83965 03254 30119
92575 50525 18630 26040 98142 61964 62880 27802 35575 22606
85338 95621 48707 40367 44315 89680 56583 76166 47887 42821
60701 98894 22521 72408 48059 19398 76712 67288 69688 01892
51838 10774 99364 76266 77392 25615 02181 99694 72818 51873
67669 41008 63100 93638 87164 86250 00314 95544 80092 88872
08323 34993 98868 12983 92807 41047 67104 43112 83814 75917
30792 58909 03005 39988 27175 98224 72811 86309 00976 57007
09666 55505 22674 99449 68496 67028 88526 76834 30692 27696
07014 78503 52700 43454 01391 63394 17464 45296 83052 45579
55872 65286 75375 32251 30425 23610 92742 37581 98284 12603
04427 20900 95918 88688 38027 22624 12499 08164 02147 96383
44274 67764 32989 60770 47071 35965 94572 19159 29141 85925
87248 21025 51516 66045 44198 63213 28079 69047 20615 54576
42520 85537 05246 92434 24387 52972 08981 24289 51396 35976
10190 85271 00000

10294/8068/6769 kHz, 04-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 04-01, 1200/1210/1220 UTC

11166 70202 36412 28086 01839

55613 14484 12482 66737 14428 35455 81036 73980 02987 89885
60880 59214 97020 88338 39375 06976 32856 55677 32029 25729
82478 75151 46670 87511 45498 16959 69994 79388 00195 62207
31156 40170 80823 58235 22097 80812 73394 66212 79305 11953
47080 86963 56683 27007 63467 75952 44219 14273 30819 83363
12148 96475 95553 80218 85281 21193 88106 56466 77212 50591
65383 01986 39055 23924 16980 06426 02442 91210 27356 38846

21429 41560 11162 93067 43024 74542 63883 09689 61017 88078
95021 10698 32791 81264 35969 07624 63811 95575 39784 69154
89488 42889 15050 59168 09073 93760 60993 81113 51306 24385
96078 89672 76485 45700 97221 55646 44648 63040 91860 95002
04553 39808 70029 98018 83153 63578 08642 19465 80244 38087
25177 15751 97973 49531 02940 39992 59899 80625 55090 30919
99294 70851 19635 56569 21369 46332 02563 98709 69109 67779
11304 88912 47420 69935 45723 32229 85244 90964 38805 79402
40379 15221 64244 33550 76629 77829 53115 02260 68034 04526
86805 31025 09821 85185 58416 78977 40782 04481 19799 22833
06779 78104 56429 00002 20027 68001 57296 26792 93887 75032
72002 86181 00000

11166 70202 67931 28087 01779
45693 44168 52099 44680 72810 67651 78058 62408 27184 98546
79521 63925 02162 92330 52592 98376 61610 34040 25953 01632
22165 68252 04488 83148 31274 08057 07924 87920 20730 21481
96679 94479 40383 18782 02106 34852 01712 89070 03314 47437
85947 59671 17767 98730 96438 76687 97833 34828 59933 30191
50485 48660 06485 72474 22319 73878 82652 02813 17110 41347
77692 17167 38066 59165 67421 46255 71973 02160 05447 30462
57430 21795 16450 04975 04348 12426 71198 93635 56907 94833
47996 34907 17161 02992 10237 88409 71470 84984 54762 95462
86955 54028 10713 92067 70157 50523 93544 97766 05097 01082
43916 28824 12906 85468 06129 09152 00240 47380 25794 77439
88637 10021 71441 13899 42034 82389 09727 35089 34598 67237
88948 30232 26090 06616 10551 37480 36937 25963 93301 83558
40186 62661 59832 35219 12551 90007 00237 35960 11729 72528
92391 26426 72164 13581 83724 71940 36469 81176 64074 45606
64666 22967 84368 40410 88458 06324 00778 08764 02699 44456
49052 52933 11261 94502 78720 14772 69488 38526 01837 38220
90414 83365 35969 02987 06938 87175 00000

10294/8068/6769 kHz, 04-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 04-01, 1200/1210/1220 UTC

11166 70202 13468 28088 02559
28393 14424 11945 85639 55774 95821 73329 24203 05138 17087
10402 55774 56433 52753 44729 07689 18860 86485 57993 80129
27198 36491 37787 68853 24173 11103 74290 42308 14797 24230
56257 15336 03622 25354 39761 86637 50828 23765 88128 32203
08119 11729 06508 71880 20314 16259 19494 51279 03622 34195
65265 06194 36503 30269 04663 01734 24064 02845 68638 63343
21931 47020 92531 41916 30531 69789 10593 80161 95719 36928
09201 72443 76694 56316 62204 35258 67133 27371 96840 30537
80489 11279 63644 08983 35385 01717 08810 65603 02044 00751
72424 24638 95689 29594 61021 96076 27860 28920 67887 70935
51568 28413 39560 47500 61243 90241 11953 05709 33404 56146
64551 71864 18981 52832 66106 40876 23246 35344 10276 48193
34272 73120 64640 08649 85865 08412 81538 64376 65909 41747
44151 08996 06057 24136 46284 80260 13706 60708 29276 38348
32198 55452 24468 71980 40178 51761 74688 99565 26050 48470
33168 57548 98470 96064 63341 93148 18813 02751 87956 03690
66540 05084 60953 89691 73432 82825 60513 13925 87586 22735
26758 83602 53153 60970 92497 97911 16725 58787 80493 28059
96323 91231 65660 22026 73923 53506 25642 51219 97449 14697
28214 41200 03180 73557 28927 53685 94501 96020 77451 12008
37950 39151 56048 87213 62467 91194 98607 87000 72828 82442
63684 14672 13156 46574 59984 90294 41479 37181 47724 51257
01256 29151 64309 74405 00815 59606 47766 86950 36636 88075
56361 58333 21425 80597 07857 90231 02902 47431 86829 46900
84256 89072 93486 93035 82200 30258 32437 31337 83546 46637
64827 56971 86274 88253 00000

10294/8068/6769 kHz, 05-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 05-01, 1200/1210/1220 UTC

11166 70202 96358 28089 01819

98944 05957 36679 60630 17152 34010 66631 81771 94502 52721
88616 77090 14382 50076 72906 24682 75928 40109 56344 17138
58974 81327 03228 09712 83606 68287 31915 97093 12801 38493
18087 73485 71552 61821 10612 55669 80953 04650 20945 73747
30650 85881 71998 59246 38111 67052 17422 85270 68150 43706
67229 38397 11153 30226 80718 26996 43408 55313 12600 55657
18032 10295 23302 20433 59875 17458 89354 04550 62887 10576
74831 79311 13346 44847 49739 39858 87413 78406 66340 30476
96444 92600 29306 39151 78477 43237 20666 66038 59370 59958
65470 95555 31985 35965 49125 26771 26891 75244 22312 41780
72998 89518 54450 16760 71580 62077 21632 05386 32104 20696
39964 49299 43316 86828 80258 95313 78027 93248 25011 24045
55016 87339 53599 19657 06505 62218 66638 35408 24637 82875
85445 34683 85396 99523 87523 12204 73409 65341 64030 25106
56054 00796 10154 88554 80336 71739 84330 15615 90941 73461
97258 06034 92931 37883 16622 13643 07497 06086 98486 47063
94214 33356 81283 83391 38252 18949 03337 99568 25948 77724
29853 51105 57204 95889 00336 52869 68137 37995 32332 89179
00000

11166 70202 85237 28090 01639

92921 73831 06624 66322 41100 09309 11536 01475 34553 88752
88306 76339 30236 05508 21503 77983 59649 72912 31988 56603
78150 64600 47182 20564 58890 77945 87042 10053 79821 62842
76701 04025 77206 83004 21704 40148 64070 01964 06784 52420
37028 10975 04109 56142 19932 40996 01936 34955 17773 25936
89611 09603 79267 09366 59869 93129 91586 11870 14333 62186
55634 01228 83189 99137 15342 32622 94964 84661 39401 51046
57317 45517 78874 73114 34827 87183 49119 90440 34672 66046
09477 61805 36172 80818 39136 86262 25102 87894 32642 74400
18739 70312 63461 59935 92562 15019 89053 18814 44557 78119
95888 88040 58046 42813 07832 01379 49002 99674 06360 84152
08764 04007 36019 74307 78101 89913 93581 61926 13571 45812
24328 64403 32085 81049 73894 79431 44650 38325 69131 83024
15196 31597 26391 64738 05443 14170 10705 17289 91740 06641
94276 22754 64822 39401 87718 02540 48395 89367 42495 23310
97528 15651 47980 76055 62758 23830 71591 70496 30848 13527
15425 90161 00000

10294/8068/6769 kHz, 07-01, 0700/0710/0720 UTC

11166 70202 84193 07051 00049 00000 00000 00000 00000

10294/8068/6769 kHz, 10-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 10-01, 1200/1210/1220 UTC

11166 70202 57961 28091 02819

48793 87916 97821 11774 93635 38288 37401 32939 39144 80927
09591 06329 55703 48796 59350 32499 99882 68657 15096 01556
37326 19294 98559 36193 26684 94910 60522 64116 50515 03393
90866 62063 04098 54113 76384 38581 78089 14989 04777 47764
95974 43452 38274 51143 92229 21039 05337 69894 42150 46280
83846 94580 79280 65577 74249 44587 61370 46759 86068 94463
70810 24995 86241 09342 60474 75764 82706 56620 80911 94560
41681 86113 49821 88026 62071 95841 49756 06196 55443 25648
64975 70537 05007 45847 93404 77494 02030 33067 94628 82189
83137 50495 59853 92000 16932 74702 14784 24683 13356 36241
91344 10731 54255 66188 29187 44669 68566 65850 92920 14947
00577 41788 16002 67149 44679 73361 07226 80178 45072 04989
80743 60125 83847 80292 95562 81496 05876 60332 15454 30496
53966 93103 25200 30041 12701 26500 64137 51207 84409 81910
62920 40787 45705 30656 94436 19648 58025 40442 74831 31576

30612 84022 75561 47302 59376 27253 32418 53383 90071 38726
62470 80642 79230 88183 24846 51842 51283 25877 86301 53284
75309 60073 77517 60022 09860 74904 51048 69379 89272 55718
76875 22448 49944 14151 36493 18268 19966 30085 01463 50372
20582 52696 07385 20374 52908 27768 59216 08302 68330 43454
28869 04355 46040 11705 31035 31772 26132 27502 88168 15502
71710 73134 20572 76364 58429 59666 22510 55385 14921 22809
10300 97988 62531 15365 53309 52754 27818 63454 23807 64397
26233 78685 26595 65686 40436 43480 94358 97965 41679 11725
59691 14984 27688 91943 39697 49711 75486 05178 94147 48825
32607 34759 43098 04571 95105 10167 54919 38659 45842 92154
40676 17919 51442 51331 15794 06358 41396 57390 14939 83347
17720 21167 71072 82609 68619 56716 94590 31684 84601 91279
00000

10294/8068/6769 kHz, 11-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 11-01, 1200/1210/1220 UTC

11166 70202 85231 10092 01879
57608 56305 22421 28598 24602 90886 81973 02439 88555 56186
95012 94794 58307 05647 50030 29452 34406 25095 66559 31092
50388 07876 14619 41301 46579 92591 47162 99517 68589 24377
50186 12367 07726 25642 40214 59806 25460 87233 63824 11522
29190 15929 78922 52023 91441 99237 22427 37864 29721 73400
94084 35429 89201 05571 11077 12720 95428 26077 13112 83596
69225 71731 22703 27878 21002 26106 90298 35778 66642 67719
78974 50083 32163 62069 68351 04526 39323 58459 82451 81783
89384 77533 71157 39552 87205 00485 99981 78114 72845 95855
27812 47854 52887 44868 77349 20149 48645 51239 27889 70076
03459 46396 85173 44382 16261 26040 07966 13130 93589 79003
96059 28482 37263 94317 69396 39056 09866 57451 92991 33273
45273 71641 27336 10151 96371 65258 08986 00984 37176 71146
91009 90325 61532 88875 97986 09738 45581 65836 75243 02725
66193 58123 37018 84295 92531 57139 43233 43597 92960 92863
59576 63046 24466 49712 80565 52408 96784 55936 20286 21250
28430 32495 00498 38212 36797 12334 90789 50532 29538 66016
80475 62264 89395 94633 86906 94621 69681 75946 29910 76891
42582 74677 27020 41347 67492 92185 00000

11166 70202 36594 10093 01979
33818 59368 52887 82064 24572 88695 34645 53084 23930 72297
14341 98175 73366 93976 68190 59432 63410 81659 87166 23424
60479 10270 35116 30562 47466 73448 51130 05662 70293 85066
00824 33130 07612 96453 06243 25220 05824 40284 09064 56794
46635 37070 46785 65022 39307 25184 46590 37461 54805 00353
66579 36952 44033 75563 39049 36772 07332 97317 95512 64474
07437 79172 78138 77854 43081 38499 67312 21496 25429 47405
79996 37304 24531 33754 18569 27490 77984 93220 74855 93433
78987 98316 19008 98857 85977 15329 27941 30763 21040 65103
33013 56548 49269 88616 91616 00762 56278 03267 12403 89922
66040 60827 88785 38840 66248 43000 20452 76876 33381 55495
27536 37593 74665 06594 87163 60203 29123 81116 47042 76291
94876 45738 95795 80211 74928 46589 94713 06624 58568 85079
00631 63592 80624 82884 34590 94689 25729 72023 76004 68539
69790 70980 86991 19242 75861 32790 96571 86112 86590 76040
99417 26176 80440 34719 48839 97854 83864 87844 48696 39277
56628 54825 73929 89662 92460 67468 74380 27206 02230 54600
41611 21901 71820 00211 43396 26748 11908 61071 55571 55772
41817 54774 45943 22301 74644 54103 89933 35930 95842 48699
22644 81618 52448 59951 57041 93195 00000

10294/8068/6769 kHz, 12-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 12-01, 1200/1210/1220 UTC

11166 70202 57345 11094 02139
53757 84617 82106 19005 43374 52617 00891 02841 92098 43862
94734 57731 82704 16630 52084 86143 03679 69090 17464 54123
77410 49006 83773 71560 55281 97924 56959 34275 21829 40764
47729 01352 75192 56761 70011 06171 76000 92694 50833 24568
81915 04330 81315 48554 10006 37038 63472 39047 94132 81492
32490 56042 29553 65418 59190 89655 21910 67301 62351 40496
82810 63018 85584 22778 39166 41304 18441 88635 48496 49012
66455 97060 37377 52095 99791 75907 05213 23244 35202 50404
60541 92126 30958 36603 82031 19159 99475 23208 21388 78754
67286 90223 90328 62979 37073 37856 98838 41552 31436 24101
36875 39137 23087 34466 16720 15857 81158 32259 18167 61956
88307 62877 03722 42581 08317 10539 96016 53576 08865 30895
34610 74264 69161 07958 54382 28135 27132 08781 52686 87376
45848 34332 37462 82198 03872 89995 73499 00875 39221 24141
69022 91443 01635 08193 69806 01009 92825 56647 52989 13579
99407 10460 37786 72372 48190 32260 55281 97535 38515 86808
44493 35210 31345 05156 66895 98886 99762 55921 56577 88974
70597 72144 48245 01536 11840 07139 50237 62123 45554 17786
54745 45640 90963 98705 02436 68184 67396 15755 43647 61794
11785 12261 63360 68050 90402 86464 62126 11456 09528 63579
10133 38540 54719 10928 16614 33629 13393 69567 81769 47202
60388 94211 00000

10294/8068/6769 kHz, 13-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 13-01, 1200/1210/1220 UTC

11166 70202 16358 12095 01599
91083 62495 29450 29155 54621 52998 06886 45141 99583 07966
57396 00579 13739 76364 51477 51232 67382 42073 45503 38919
44290 72384 93007 91630 61048 08407 65424 71007 23199 39544
93246 21870 91640 29247 63528 03489 57718 84222 34674 07277
50446 84280 54451 90598 24295 15026 92159 81374 00978 70555
20902 33183 63689 18375 10889 35528 27212 43698 19715 08978
32344 15339 90547 39846 38082 40368 94159 34123 09995 99724
75750 95322 28222 81975 92489 55946 63544 57408 52717 17246
94955 59636 92749 76979 67175 66923 52207 49836 11542 00388
33831 10234 78720 81299 58696 12152 56667 14645 52777 65723
72278 91143 25805 75233 00183 24916 28335 68241 27080 68977
97983 70503 45102 75759 30761 06379 72605 94825 38436 29416
25843 24997 77877 12801 89954 63048 63303 54353 62714 16177
97376 75768 69460 70430 82091 20776 72664 32278 95373 81915
24559 85513 44351 10618 36271 30678 31213 90266 61902 99187
92608 76940 20981 59360 98521 37517 07733 95157 00000

11166 70202 74215 12096 01659
70044 77362 56193 10289 49250 55350 11666 94131 94901 86012
28093 47231 92077 14556 05517 14792 66771 45823 17527 86716
53240 49796 82571 72893 64184 81274 06063 32490 30959 49639
72975 55681 05981 99661 95615 21263 44532 89278 46259 78579
08152 75279 29338 27204 56792 42842 72861 92811 21927 39852
43773 22681 77819 01945 16906 49263 53104 79208 52254 95252
49903 00489 60221 18601 62639 36218 59550 20912 13751 45727
57615 67643 48483 19964 07765 93577 55951 55560 23400 91971
08664 21179 53485 10839 37683 02095 49164 04802 85625 33921
76183 15942 04678 61448 52797 82098 91815 83504 17857 96038
78428 69801 58759 63946 16515 60678 53938 36672 28654 85704
09610 12163 13931 62059 95430 32526 27008 58634 08778 24166
72528 36806 22320 54411 82037 03793 94587 03096 65615 39556
48211 72510 55398 83168 45528 84176 83184 89597 16234 35869
59313 92834 16780 17336 44993 36306 26190 08141 35284 56511
07990 06074 94901 30820 92947 59572 14051 25363 62289 02576
76459 03969 36097 96163 00000

10294/8068/6769 kHz, 14-01, 0700/0710/0720 UTC
11166 70202 72195 14034 00049 00000 00000 00000 00000

10294/8068/6769 kHz, 17-01, 0700/0710/0720 UTC
10158/8023/6796 kHz, 17-01, 1200/1210/1220 UTC
11166 70202 15328 14097 02559

10144 36334 65185 34810 14103 13024 77933 69166 59574 11845
44504 40029 82338 60018 17577 68676 53222 08818 14243 19153
60390 13791 60847 41231 17910 46325 94571 97062 92771 97496
26441 94964 67552 60146 95439 78768 80912 00114 68437 46172
13114 52569 65594 94534 08742 04380 15946 17551 53823 48448
72855 01240 49527 20965 44006 92691 49633 57505 15643 39999
53958 28908 75733 26825 74930 42887 65745 50029 19486 22291
15720 13808 53497 95968 42344 38766 40902 63170 14683 09371
74724 17411 17289 08230 42184 40758 65358 10607 91069 04459
51621 37646 89572 36851 29660 91713 96766 44504 63344 22311
85913 97509 97064 95988 87792 14883 26450 68706 46239 10986
74270 84067 03073 88935 01193 45872 54608 91908 06094 38421
46943 48308 95608 93017 02190 71705 27610 24091 92864 01509
58293 83392 06600 95290 47565 05689 68379 08713 02423 44403
12484 23988 63010 20632 21324 12814 61029 33979 73360 44715
05212 08642 67291 76734 73521 73191 14699 85410 16791 97480
18339 26976 03461 35119 78260 36715 60129 44948 92950 03423
87583 89964 47681 79897 57011 37118 07252 15403 16074 06426
55312 21043 59527 42839 47462 03986 44088 09308 70299 31471
52218 24468 23615 10541 34529 93394 67924 94426 85477 04867
04513 51541 32066 93562 80188 58000 40198 90643 33938 99618
68413 11149 27650 94314 23667 51645 28119 70868 98848 96569
32506 64952 96722 56700 54435 18402 69989 88188 12934 92631
32144 65608 91381 32155 18817 07430 58675 39142 04305 77385
69779 44941 02948 10147 87869 89520 10070 34755 95234 44753
62155 94242 85142 97253 00000

10294/8068/6769 kHz, 18-01, 0700/0710/0720 UTC
10158/8023/6796 kHz, 18-01, 1200/1210/1220 UTC
11166 70202 85271 17098 01899

78358 27346 21157 25340 00638 67692 74194 79766 82532 43846
77720 57942 10026 33840 37490 41649 32053 57424 02631 03354
20092 92765 42855 61027 86052 84640 83196 20578 38154 42578
88452 66805 79477 52369 14520 88838 78883 49410 68814 50978
68981 27283 46959 44885 50831 80037 37927 84060 10078 01598
14837 26545 74197 90739 53567 36773 65538 35065 46404 22535
29859 72424 02888 07965 45038 53214 55051 28508 39642 51991
09252 58794 76057 01845 11763 09362 77843 49950 20324 53163
06029 57767 98838 67796 14006 94286 77400 04393 35737 95796
44845 19110 86940 90580 65999 28152 83962 11996 40833 72264
10001 48372 47691 01643 83387 03163 37794 17183 07606 63782
73193 29023 07737 02580 25375 18304 83013 58375 76696 13092
30182 72000 91835 14393 17346 74279 51457 33215 12988 49893
65262 24590 99858 25552 06631 29509 28410 55933 36027 60716
89469 05799 05361 93266 10843 51747 60499 45831 07526 52037
84107 63639 40220 57902 46007 39035 61834 64818 53243 30564
56662 27148 17047 66524 01929 84593 78880 43946 06377 73913
62747 58895 05600 24326 45964 29087 18801 60041 65575 94700
96660 58364 02601 08367 15007 36790 11302 98187 00000

11166 70202 36594 17099 01939
69929 07342 02888 47977 59842 24441 64624 30739 08392 62671
42081 93957 26358 72684 47271 66536 77361 43173 51570 19871
66022 10390 77037 43239 08629 80260 50733 34126 78514 24029
26711 26929 43340 33382 05367 08474 36442 45977 04850 93799
29462 77323 64204 60615 98428 19945 82935 65901 00487 95764
26697 93070 03454 72655 53768 03133 35399 81081 42031 88301

46432 91776 21115 51482 99880 40402 39405 60073 35055 10101
20610 47521 68777 07914 89552 61070 27874 95970 71903 79142
29807 63411 97513 46771 53638 49963 62057 02559 68519 57111
26659 95557 11878 07817 60196 15541 34509 40695 53967 85085
54741 49612 63405 86910 88876 04624 56541 24903 50082 15204
73877 42282 32936 21689 29388 45315 25795 25894 07313 06055
18183 96813 34440 42502 95397 12369 32567 99657 37496 23115
80825 79887 64874 48874 42551 96038 97606 44202 36398 45753
20754 93646 56376 30405 72802 22732 70503 67108 99449 35593
52755 67222 39895 15218 28008 79807 37848 47219 34651 23450
94426 53080 34570 54914 05138 43812 25173 48036 48130 29954
33163 81321 15901 48866 94728 57661 07646 95239 51851 04619
24447 65766 19417 28725 34475 53911 02809 22207 00399 55715
70682 99191 00000

10294/8068/6769 kHz, 19-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 19-01, 1200/1210/1220 UTC

11166 70202 86591 18001 02199
63574 88320 54229 00247 65669 59212 32921 25708 07181 08804
46041 92031 16927 20723 84365 91258 20900 28902 12449 95645
02824 39150 70252 34568 32400 89110 66670 30888 90911 95030
07135 07738 48874 58788 22492 01646 75434 33606 91332 42954
84185 71899 72975 89451 45100 03687 93269 24170 17266 19006
50426 53281 82103 52771 33056 65027 81766 95510 67596 35617
92400 78414 37328 93043 86955 06148 40153 74744 67232 35842
77334 40041 69863 25726 90382 23313 75896 01819 88267 38822
78687 16122 32156 73138 89773 94765 69852 26102 87432 99519
37138 86255 37597 51130 68185 51688 41818 87905 82249 32226
91979 57997 38813 93909 36420 68807 78375 31692 87185 41961
91075 81297 23071 47289 80330 06181 68154 14243 13688 20514
50509 44194 78065 34158 70773 72052 81577 30531 35278 50632
69129 13336 33403 56212 43970 83062 63871 38728 12384 29223
39647 65022 93723 49240 26137 28609 62957 29934 92380 24372
17919 52548 79918 11649 88463 07242 19019 14118 29692 27999
46959 29960 66456 83881 08044 50690 81317 87565 40048 12136
63145 07106 76776 25968 58552 91856 21419 65243 93352 48490
70399 02390 56215 28052 92397 23063 61727 09988 92232 64326
35024 94080 14303 50583 85202 36234 65255 25696 59682 89046
60591 04742 96712 33100 24878 93829 18216 09915 00262 51419
30147 92498 42970 89590 22558 54435 12494 01217 00000

10294/8068/6769 kHz, 20-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 20-01, 1200/1210/1220 UTC

11166 70202 15328 19002 01839
59634 34763 60230 39646 36895 47836 70292 67642 36296 96921
51013 22221 36634 98625 73580 75124 50598 61300 79247 05048
08853 99176 18726 38383 82488 38383 51060 87319 92293 57058
12909 40002 78279 26721 94168 82420 27898 47107 80894 56734
86387 91643 51431 85698 97681 05761 36712 17903 49328 25219
80652 73489 19846 06647 61582 95050 51958 87467 60643 33391
00148 17417 88103 22835 25964 28820 03518 25783 39516 37834
90671 51178 10608 93829 73252 76604 97920 19107 82170 28667
69718 06133 10491 01376 14485 64477 16891 17198 64935 34659
63596 60472 83857 11056 99720 37880 85194 41096 25960 45648
88827 92905 01567 48180 32480 08595 79550 97806 89194 85381
81037 50322 63808 51733 44724 56028 66879 30715 12373 30935
89474 07730 36275 37841 27297 44848 19624 31951 27544 08899
25742 50745 56973 05523 17082 52758 14591 36366 09963 34987
37409 21613 55958 83590 72699 55028 85880 37580 15200 83714
77313 70184 32694 29762 31596 17582 28403 95978 71238 09675
13642 22889 93670 82614 89153 89197 42283 77739 58588 72883
80687 56638 22532 15142 81137 87003 26553 54333 63050 78979
61681 02181 00000

11166 70202 62485 19003 02099
93899 36151 11448 86840 77028 12477 29190 19685 79803 08481
66626 27863 95098 04136 76637 15781 20010 35289 65279 22885
72548 70871 46620 41552 99833 47636 85158 72971 76236 54598
86790 25693 14895 84373 24239 86546 41046 93596 07896 18609
00618 39609 38018 65909 02502 85603 99199 69562 17968 91416
83075 25012 85634 32146 50173 35075 95447 11797 66876 38480
50101 64125 78413 18573 27336 57887 03825 21891 91552 48658
63832 41286 28182 44428 77568 43289 99246 77155 89078 44396
43547 97463 09556 65968 69919 34666 86224 22438 16995 89313
33837 22491 77901 50455 89690 87942 13339 54778 78123 19959
01483 29847 95425 67341 98128 88598 51087 76542 05535 67305
26340 28110 73394 24171 35918 89248 80370 40773 03982 37171
69639 93506 90130 32950 36869 87255 26467 50537 94083 68441
51615 90651 57837 59660 52662 34214 35152 83095 50943 15022
05632 64877 92610 16348 23220 37591 29925 21158 86019 83120
04212 70621 47606 83005 66409 10617 68301 68509 96154 30906
29810 87584 05343 26682 61678 30909 37094 37157 53009 84205
96071 40893 47865 99011 71082 12563 47799 99088 35899 70815
69958 64675 39247 71947 34185 61752 19886 29063 77558 08511
07724 61409 19824 96229 96909 03575 28130 06715 01833 29232
54521 93528 31967 69135 44625 19157 46508 03207 00000

10294/8068/6769 kHz, 21-01, 0700/0710/0720 UTC

11166 70202 95137 21061 00049 00000 00000 00000 00000

10294/8068/6769 kHz, 24-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 24-01, 1200/1210/1220 UTC

11166 70202 95137 21004 02119
20925 61270 72944 28643 56681 84178 81079 02047 11071 11656
89360 64224 57372 77928 83145 88132 66196 40237 44516 38552
08297 61598 09816 78526 80510 09282 05804 68870 97040 79953
19102 34176 13248 87411 78638 93766 74160 73861 55763 81024
04871 30658 11725 99539 85018 39466 47205 89506 74537 69762
33583 02818 82867 93622 30631 10285 98805 03736 20323 89423
23189 45574 11440 66245 71601 99663 94667 09492 39279 74884
52871 00741 45424 98754 56225 28839 99082 15613 96906 82078
53810 28653 43014 36577 43279 46747 16419 64268 15043 21986
24234 08983 04622 88884 98568 04010 17115 41176 24292 29616
08519 07158 59452 33936 83937 09490 78074 65682 54875 20418
90001 92106 22801 48342 17473 00656 81170 16662 33134 07751
53088 20857 89153 23141 06805 74714 92146 43256 16233 81666
03582 71996 58674 92153 70367 92413 66933 32967 15298 37695
78017 19496 42054 34909 45609 86825 34440 19944 08492 00622
54543 47066 32118 33733 69514 41555 65516 19459 61643 68835
80710 17409 01422 18557 86852 52906 88289 27041 36245 15855
88732 86563 64445 30021 26441 14870 31647 28662 04204 83395
57506 97441 62225 27614 66622 70564 02560 87941 86847 91073
34341 54663 67614 71243 19510 15279 10473 14013 23705 27748
29018 81382 02028 68038 80407 20731 74350 25433 35638 04209
00000

10294/8068/6769 kHz, 25-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 25-01, 1200/1210/1220 UTC

11166 70202 57821 24005 01839
74578 18594 55372 97387 96255 50389 24262 55775 79672 33756
16940 20544 21256 84592 56715 02360 19929 00421 20724 09531
05378 45464 84059 62420 78912 98710 78849 82581 27866 69656
91712 73782 99467 11410 48025 37109 45119 85846 56453 87342
71029 60499 12163 62792 56122 41881 82169 45773 23176 74918
21246 35913 74121 63179 91843 43486 25432 89597 86445 94943
04558 42373 75802 67846 93324 75727 31487 97378 29247 60217

96199 21628 00688 02284 00268 57825 96804 37727 47768 26728
98216 28797 20725 67335 19333 19581 74804 09126 38274 29383
24954 93994 75341 88772 44416 65096 05943 48009 25569 64757
18938 12503 76009 08669 56330 85024 48331 28531 95245 19333
27036 00340 58126 14926 21005 00514 62093 07579 34980 57031
43404 35387 18483 87780 17940 84965 15608 43303 63676 47530
64147 96117 36054 39518 17452 43815 52203 67449 87493 18110
04947 41717 32556 17037 92539 68985 37991 02477 75047 77892
63472 30208 93346 57744 55203 04657 11637 14874 46495 75549
69443 76377 95157 18644 54023 95888 31159 67727 29113 41100
12957 90075 80975 67709 15979 22557 67655 09469 01651 10566
82402 05181 00000

11166 70202 64917 24006 01659
17878 31069 95084 69940 65499 11644 18790 35113 36995 59294
17971 85955 17357 49154 94147 34335 62274 16483 82678 27339
33627 77878 77563 65018 56948 62350 05558 64718 11800 06940
23040 39166 90993 96584 34073 80524 89602 52909 53092 67590
09686 01620 60662 38319 91684 73211 25737 94874 08406 16657
92858 33384 82545 30770 57739 15585 13689 42940 79656 24559
25712 89905 04103 71729 70537 80278 94128 47323 49173 43485
93810 31470 35971 94823 72292 08136 17054 71320 21821 49081
78830 18084 08231 60018 07550 29817 97304 06166 85833 77208
05453 59391 97104 72869 48140 34112 73881 56504 84516 04163
50839 04015 81657 17804 08611 90210 46894 53061 19233 59826
01627 80585 29200 86523 95090 26222 41051 24567 81501 50469
79424 82869 09008 87025 52528 76081 93911 07599 44957 32426
78563 05180 02793 62951 96405 12957 96928 21901 92560 01061
75553 12887 73442 18330 41730 20548 83798 71290 17021 72381
34633 57517 77066 60446 30448 95584 70093 77607 69234 18790
54260 48023 13662 06163 00000

10294/8068/6769 kHz, 26-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 26-01, 1200/1210/1220 UTC

11166 70202 19254 25007 02559
38407 47849 77471 88356 35175 48950 29738 85727 13447 53540
99590 73328 62194 46192 83516 76639 99023 40995 57197 75317
03449 16647 94767 18231 85806 29782 79183 94060 34001 17457
58392 30899 05272 24728 26992 23298 55164 18273 38069 10191
20903 71976 74891 52135 01338 35432 37159 81302 00663 21289
21494 22665 28095 72384 00848 09812 70694 94599 32533 43829
81516 66376 49547 68680 50288 60825 14888 61539 48782 41380
43544 61488 68093 16914 21853 85044 89997 67271 78898 01931
59574 75149 89662 69546 51289 25260 14589 49558 45723 56713
05268 55066 59133 79569 30917 01768 93025 91480 05356 61564
95946 55368 19150 42048 54663 24080 06624 40306 56921 22948
02422 44471 92981 26198 67305 81476 88107 88150 87882 34430
83197 15132 79941 78053 05754 89054 50094 05637 98362 78594
95403 45919 96890 98897 45682 93362 75570 05770 78167 00231
01168 35262 59231 03929 63421 24618 92838 88033 73938 75498
80432 00450 50731 45430 21924 77134 30595 78413 12489 44826
76493 10632 14854 01214 72159 12191 11755 95985 21088 50836
68259 61194 92111 88576 58640 64375 78744 47154 37491 82857
64482 03308 59757 22705 11253 99744 79396 30715 13187 82790
81319 72937 82922 02619 26342 78118 62607 37031 13790 69533
76796 24698 91485 33633 69435 18817 67776 98941 92109 97115
05301 23652 35753 89141 01186 15341 23000 06774 83351 31263
03369 88891 77620 32633 18469 96146 25313 91367 29406 16767
56022 72686 23595 69334 45246 42047 43139 13471 11577 69823
01994 04372 33123 32180 84075 52131 87860 31570 39525 71778
47597 85308 21296 07253 00000

10294/8068/6769 kHz, 27-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 27-01, 1200/1210/1220 UTC

11166 70202 75391 26008 01739
88217 33390 70276 41207 10213 61320 43741 97806 40658 56141
57676 00917 94767 76422 92407 64544 79470 16253 90624 38349
99090 52405 86943 24186 81830 95498 57479 92754 06744 43605
81639 61273 35881 61740 33299 18137 81300 35661 43563 05473
61630 73424 02303 95556 27868 53135 90639 22004 63103 40322
61583 51687 85862 23379 10993 08317 11739 40517 06066 83615
53030 96649 63528 97026 61034 93657 94721 89901 40723 22478
59770 65089 92450 90439 98023 07881 60420 82287 26947 49232
92556 78351 26663 57217 41504 78258 52326 67634 61425 03670
41509 89712 80280 78445 08804 47856 52290 09696 44816 45356
20255 18147 61736 61018 42434 91253 52689 14633 63653 57519
57029 62233 35345 05428 48793 07077 14199 95449 90471 37282
94111 38555 19313 26073 51131 39664 58322 55546 06070 29472
69165 49919 34485 33102 89146 29186 78706 49002 19461 19123
41608 36533 56901 78573 66800 35698 86211 29962 34939 67420
75270 03967 30829 87838 40295 34285 61028 95038 73253 63443
26611 11665 48666 45569 80811 91845 51997 57080 26206 25877
96812 08171 00000

11166 70202 95146 26009 02219
54548 87577 83348 39576 53795 46368 22026 16267 52097 03832
97609 27988 42125 23100 99656 67037 82906 61985 05579 37239
52410 79635 32679 07907 86159 73374 41085 22222 87824 75395
35980 02180 22722 64014 42604 17305 30161 69151 52433 09336
15577 76748 63998 90038 08387 61793 66762 54363 96502 04645
41507 76118 73447 70353 75660 78346 59001 55646 16995 95599
79322 33285 14157 70298 17479 48469 17436 50353 70328 46979
38234 80250 72679 39748 90661 02779 74677 33541 63696 13587
83355 82440 97351 35765 04276 39816 61284 06630 44208 15471
59276 93903 60784 67656 08044 83476 70058 84629 63787 05944
47918 35453 94942 94085 86281 94721 24560 88509 90008 70901
90739 33611 25486 92966 98587 31059 56798 35030 62097 42990
30441 83645 59422 62091 94502 77472 49954 90776 63259 73998
26666 96613 63114 22989 02138 36231 20825 51374 51716 64848
79953 89242 62235 73653 56473 91631 59752 22193 69477 35820
14709 57970 07921 98780 47985 40436 19333 44508 86262 11569
31445 75888 40143 80213 42660 30815 03459 12386 42313 27223
97215 44720 46649 86744 06591 63242 61463 91654 84448 14673
07343 54817 19791 42428 68433 07301 94583 64520 50693 33350
77405 35539 60541 07428 27349 59903 39866 12972 06610 48564
18312 47598 25207 36365 68793 44401 66272 02219 77162 64068
65339 59316 61981 37471 42076 07533 05326 63440 07895 09219
00000

10294/8068/6769 kHz, 28-01, 0700/0710/0720 UTC

11166 70202 23517 28027 00049 00000 00000 00000 00000

10294/8068/6769 kHz, 31-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 31-01, 1200/1210/1220 UTC

11166 70202 14269 29010 02439
68144 57409 52360 86893 66568 65640 17721 52975 84669 51150
03014 81728 07763 02600 36970 18938 50389 95801 89154 39943
01822 14977 45008 68602 39627 14349 82550 04557 84742 87248
86678 38484 96488 34936 62006 60026 30957 52309 30170 88079
11227 72700 22546 78142 82821 38935 04320 86389 52863 92858
90836 95181 36360 00494 42174 29687 58050 55043 46876 20301
83258 24902 30786 90550 76190 38886 51914 75187 09105 25843
67274 98128 70805 50858 82638 64959 47882 15222 21129 49667
77149 12354 71603 80309 92709 56878 02760 53284 16080 29024
53905 30909 62835 01549 38310 01989 64173 41366 20117 10052

26880 03076 50704 78958 80091 56560 75467 90554 82327 15870
 46954 94063 87200 61549 05268 51906 91266 73619 11715 51635
 12435 17383 46594 38664 72384 49254 07092 49494 81420 34797
 66214 50104 49210 96152 78687 09221 69835 31053 44771 61118
 54601 70603 67916 37680 11030 68022 67211 74364 91492 35521
 30551 19798 59895 71524 19462 03662 49884 45400 61531 42576
 12978 31909 91363 88643 80087 12532 26018 50375 84848 85896
 85848 40652 22211 54460 96698 31434 40717 79659 34373 19888
 91909 22697 97339 35639 85304 13163 18590 43810 22373 12680
 52593 23557 07955 65747 98287 26781 62566 54985 44050 46699
 84005 02963 45564 50969 31727 87788 72547 59051 32402 64662
 85256 68494 30104 10574 26719 59842 29569 34329 41623 34828
 05950 19098 57804 67571 79522 89667 91271 73439 78763 21597
 60701 25279 40243 34439 22341 71696 18782 36250 61269 37073
 06287 10241 00000

Link 80214

12186/10243/8175 kHz, 06-01, 1330/1340/1350 UTC

11166 80214 75319 06081 00049 00000 00000 00000 00000

12186/10243/8175 kHz, 13-01, 1330/1340/1350 UTC

11166 80214 46823 13028 00049 00000 00000 00000 00000

12186/10243/8175 kHz, 20-01, 1330/1340/1350 UTC

11166 80214 75139 20056 00049 00000 00000 00000 00000

12186/10243/8175 kHz, 27-01, 1330/1340/1350 UTC

11166 80214 85247 27091 00049 00000 00000 00000 00000

F06a – FSK 200/1000

18276/16213/14493 kHz, 01-01/02-01, 1310/1330/1530 UTC	File 04402
18276/16213/14493 kHz, 08-01/09-01, 1310/1330/1530 UTC	File 04403
18276/16213/14493 kHz, 15-01/16-01, 1310/1330/1530 UTC	File 04404
18276/16213/14493 kHz, 22-01/23-01, 1310/1330/1530 UTC	File 04405
18276/16213/14493 kHz, 29-01/30-01, 1310/1330/1530 UTC	File 04406

6823/5813/4816 kHz, 06-01/07-01, 0500/0515/0530 UTC	File 04409
6823/5813/4816 kHz, 13-01/14-01, 0500/0515/0530 UTC	File 04410
6823/5813/4816 kHz, 20-01/21-01, 0500/0515/0530 UTC	File 04411
6823/5813/4816 kHz, 27-01/28-01, 0500/0515/0530 UTC	File 04412

X06 - Mazielka

11424 kHz, 10-01, 0914 UTC	MFA Moscow clg 421635: Russian embassy Oslo
10372 kHz, 10-01, 0947 UTC	MFA Moscow clg 431625: Russian embassy Warsaw
11025 kHz, 11-01, 1004 UTC	MFA Moscow clg 612534: Russian embassy Ashgabat
11025 kHz, 11-01, 1014 UTC	MFA Moscow clg 612534: Russian embassy Ashgabat
10714 kHz, 12-01, 0835 UTC	MFA Moscow clg 156234: Russian embassy Kampala
11153 kHz, 12-01, 0913 UTC	MFA Moscow clg 465132: Russian embassy Sofia
13452 kHz, 17-01, 0750 UTC	MFA Moscow clg 165324: Russian embassy Vienna
11562 kHz, 17-01, 0836 UTC	MFA Moscow clg 432516: Russian embassy Bern
13395 kHz, 17-01, 0921 UTC	MFA Moscow clg 532614: Russian embassy Paris
10175 kHz, 17-01, 0813 UTC	MFA Moscow clg 263514: unid embassy
14765 kHz, 18-01, 0929 UTC	MFA Moscow clg 154632
14765 kHz, 18-01, 0920 UTC	MFA Moscow clg unid station
12150 kHz, 19-01, 0737 UTC	MFA Moscow clg 256341: Russian embassy Beirut
13979 kHz, 19-01, 1108 UTC	MFA Moscow clg 215346: Russian Consulate General Mumbai
15710 kHz, 23-01, 1122 UTC	MFA Moscow clg 261453: Russian embassy Cairo
20690 kHz, 24-01, 0810 UTC	MFA Moscow clg 156234: Russian embassy Kampala
16117 kHz, 24-01, 0933 UTC	MFA Moscow clg 463125: Russian embassy Rabat
10372 kHz, 24-01, 0936 UTC	MFA Moscow clg 431625: Russian embassy Warsaw

11424 kHz, 24-01, 0906 UTC	MFA Moscow clg 421635: Russian embassy Oslo
12177 kHz, 24-01, 1245 UTC	MFA Moscow clg 364152: Russian embassy New Delhi
11545 kHz, 25-01, 0814 UTC	MFA Moscow clg 534216: Russian embassy Baghdad
16257 kHz, 25-01, 0809 UTC	MFA Moscow clg 542136: Russian embassy Beijing
17520 kHz, 25-01, 1005 UTC	MFA Moscow clg 612534: Russian embassy Ashgabat
20950 kHz, 26-01, 0727 UTC	MFA Moscow clg 435621: Russian embassy Maputo
10814 kHz, 26-01, 0836 UTC	MFA Moscow clg 412356: Russian embassy Budapest
13985 kHz, 26-01, 0904 UTC	MFA Moscow clg 134265: Russian embassy Tunis
13419 kHz, 26-01, 0904 UTC	MFA Moscow clg 465132: Russian embassy Sofia
13506 kHz, 27-01, 0907 UTC	MFA Moscow clg 164532: Russian embassy Dublin
11411 kHz, 27-01, 0944 UTC	MFA Moscow clg 164532: Russian embassy Dublin
16223 kHz, 27-01, 0950 UTC	MFA Moscow clg 164532: Russian embassy Dublin
13506 kHz, 27-01, 0955 UTC	MFA Moscow clg 164532: Russian embassy Dublin
14419 kHz, 27-01, 1007 UTC	MFA Moscow clg 521634: Russian embassy Bucharest
15810 kHz, 30-01, 1106 UTC	MFA Moscow clg 145632: Russian embassy Algiers
12114 kHz, 30-01, 1110 UTC	MFA Moscow clg 145632: Russian embassy Algiers
11067 kHz, 30-01, 1114 UTC	MFA Moscow clg 145632: Russian embassy Algiers
13548 kHz, 30-01, 1159 UTC	MFA Moscow clg 214356: Russian embassy Amman
10550 kHz, 30-01, 1231 UTC	MFA Moscow clg 214356: Russian embassy Amman
15810 kHz, 30-01, 1106 UTC	MFA Moscow clg 145632: Russian embassy Algiers
12114 kHz, 30-01, 1110 UTC	MFA Moscow clg 145632: Russian embassy Algiers
11067 kHz, 30-01, 1115 UTC	MFA Moscow clg 145632: Russian embassy Algiers
13548 kHz, 30-01, 1159 UTC	MFA Moscow clg 214356: Russian embassy Amman
10550 kHz, 30-01, 1231 UTC	MFA Moscow clg 214356: Russian embassy Amman

Tests: X06b

10920 kHz, 17-01, 0702 UTC	111666 ended at 0858z
12220 kHz, 17-01, 0728 UTC	111666 ended at 0856z
14220 kHz, 17-01, 0858 UTC	111666 ended at 1052z
11920 kHz, 17-01, 1028 UTC	111666 ended at 1052z

Tests X06d

8750 kHz, 24-01, 0945 UTC	111111 ended at 1010z
8750 kHz, 24-01, 1014 UTC	111111 ended at 1050z
12450 kHz, 20-01, 1057 UTC	111111 briefly at 14650kHz, moved to 12649 kHz
12169 kHz, 22-01, 1509 UTC	111111
12079 kHz, 28-01, 0705 UTC	111111 ended at 0709z, back from 0711 to 0718z, then briefly at 0720z
16250 kHz, 26-01, 0901 UTC	111111 ended at 1000z

XPA1

12157/13462/14374 kHz, 0810/0830/0850 UTC

12157/13462/14374 kHz, 04-01, 0810/0830/0850 UTC

265 265 265 000
08712 00001 00000 35661

12157/13462/14374 kHz, 06-01, 0810/0830/0850 UTC

265 265 265 000
07932 00001 00000 36662

12157/13462/14374 kHz, 11-01, 0810/0830/0850 UTC

265 265 265 000 06381 00001 00000 33266

12157/13462/14374 kHz, 13-01, 0810/0830/0850 UTC

265 265 265 000
09139 00001 00000 36264

12157/13462/14374 kHz, 18-01/20-01/25-01/27-01, 0810/0830/0850 UTC

265 265 265 1 265 265 265 1 265 265 265 1
00419 00106 43511 26540 42067 35838 39744 60441 84173 83695
98385 49358 05235 96017 97231 62978 61010 59124 04311 58265
98987 20007 98833 88548 42671 68409 89883 56784 16757 74573
76845 78566 70740 96084 24920 74741 30164 72367 86032 22323
56055 43918 39842 18826 16335 82159 20534 13177 84890 84319
71332 56644 40235 41149 84042 55051 30241 38787 77635 68977
22302 24269 40064 63292 18127 22222 61130 13709 24329 98664
69517 98101 36684 35921 31527 89094 56486 54850 81364 52937
55839 75302 16231 86927 39746 39230 54161 39777 69779 56946
89164 14357 22150 46212 21563 19847 50842 35201 75398 10488
90757 14689 45911 97204 55884 32895 52684 53279 00673

14852/13952/11552kHz, 1310/1330/1350 UTC

14852/13952/11552kHz, 05-01, 1310/1330/1350 UTC

895 895 895 000
02917 00001 00000 41253

14852/13952/11552kHz, 07-01, 1310/1330/1350 UTC

895 895 895 000
05613 00001 00000 35656

14852/13952/11552kHz, 12-01, 1310/1330/1350 UTC

895 895 895 000
08205 00001 00000 34660

14852/13952/11552kHz, 14-01, 1310/1330/1350 UTC

895 895 895 000
04164 00001 00000 33662

14852/13952/11552kHz, 19-01/21-01/26-01/28-01, 1310/1330/1350 UTC

895 895 895 1 895 895 895 1 895 895 895 1
07938 00114 82298 02314 48351 75398 61756 67661 89511 38005
67984 71286 64860 99846 37820 95913 73817 05915 36950 13955
66462 05384 88233 25360 59844 54857 11835 14527 39871 98238
32622 46970 12826 18085 92586 27554 49111 19548 02022 20095
62281 98197 56288 43647 03827 23436 30972 19049 51621 23442
57112 14511 54001 89131 63462 55844 22719 61618 53467 36818
64850 05174 55947 58088 57006 75924 79943 01510 93253 96836
03430 79078 75850 06652 45679 33360 07127 40904 23554 06999
39462 48638 68549 31041 28892 03007 06403 07984 68527 52490
13779 11299 11467 21123 32456 79579 30933 66815 29077 90259
19586 08869 16756 60566 94525 84189 31800 83571 83122 37207
22497 90456 54343 67459 63688 30979 35671

XPA2

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

14794/13994/12194 kHz, 01-01, 0910/0930/0950 UTC

08823 00001 00000 36662

14794/13994/12194 kHz, 06-01, 0910/0930/0950 UTC

08311 00001 00000 33261

14794/13994/12194 kHz, 08-01, 0910/0930/0950 UTC

04749 00001 00000 41260

14794/13994/12194 kHz, 13-01/15-01/20-01/22-01, 0910/0930/0950 UTC

01942 00088 28733 24436 16515 59714 59238 64378 11076 82693
18560 05445 64506 47505 06683 17488 88548 10325 04938 55924
95521 22561 59058 49334 26775 62262 72894 07864 20510 72414
28680 97016 33756 63016 77361 23191 77869 50982 38647 56744
60719 82153 21405 14979 61227 20137 15046 68093 98230 42703
92151 17238 98254 36809 27708 36588 76309 16926 97522 57525
81515 06279 42389 01379 45257 96204 25565 85002 99240 11633
06364 36434 14401 35646 11211 10792 30716 68833 83551 36947
44890 30938 18831 15931 07481 91603 44652 78396 28522 86666
16521

14794/13994/12194 kHz, 27-01/29-01, 0910/0930/0950 UTC

00659 00038 81271 41579 04361 53501 38536 88253 94626 42843
01241 04918 95608 61088 79612 52179 59306 61385 37031 61269
38198 80890 23619 89497 05209 67020 88362 50000 35386 06908
35828 99732 42915 03889 86130 33617 30741 64195 96951 34902
76222

9317/8117/7517 kHz, 1600/1620/1640 UTC**9317/8117/7517 kHz, 01-01, 1600/1620/1640 UTC**

04924 00001 00000 37656

9317/8117/7517 kHz, 03-01, 1600/1620/1640 UTC

08519 00001 00000 40261

9317/8117/7517 kHz, 08-01, 1600/1620/1640 UTC

08098 00001 00000 35271

9317/8117/7517 kHz, 10-01/15-01, 1600/1620/1640 UTC

00703 00145 98478 70158 33619 86254 32590 89876 64265 45569
27725 03423 30806 26138 63096 19903 89087 01750 96139 04212
71883 20111 97377 72837 21705 82006 12471 23539 89805 49531
89300 75967 64470 45902 43193 63463 06287 12536 98591 45056
78014 52339 85162 38671 51431 90611 82215 99749 01017 77300
60938 71016 89046 98650 14353 23024 07147 58904 06957 17969
10999 32226 75626 27474 99358 86126 24179 66775 99398 10122
58467 84794 81309 61093 55368 90637 25921 64332 76732 08336
27109 19316 96092 99211 81218 09179 90408 65393 73662 71112
28711 88665 76381 22027 97991 49837 42564 96623 63588 54948
28795 00040 89010 03535 13797 70344 29472 82574 97689 40834
50868 10823 18096 63560 56511 42996 45175 63665 91387 36018
27897 96565 81137 99568 83908 76988 44534 56560 76921 65040
34516 70768 03748 28851 98013 80607 82310 89512 29106 19024
53643 56866 45189 75893 23215 55719 57544 47312

9317/8117/7517 kHz, 17-01/22-01, 1600/1620/1640 UTC

08663 00213 88200 35538 04159 88999 69401 62269 09807 20557
65255 77445 70222 31386 37307 75048 05998 58543374337 57777
08542 04333 27777 88215 72611 63952 68420 66966 55535 76377
19869 69439 98335 91924 62933 22769 94380 72178 29042 77554
40044 77803 08358 27324 02714 69994 42841 31831 61200 84620
59692 07315 46165 62007 84411 07209 47271 91192 79375 82158
91307 70411 49814 91313 44586 88166 35777 69818 65173 68576
49288 40847 58539 94499 55386 51910 33133 04352 77687 99271
08242 90424 90416 43571 24098 57333 13198 30698 44474 88794
64497 77314 06396 28888 71755 00090 66502 99558 00035 21518
69027 08436 88642 33216 41151 52240 88571 33182 62775 43554
33493 83380 33816 60942 43662 69937 22619 88448 00391 44447
21642 71100 87481 69606 36215 20357 48371 10915 35224 91883
14370 26821 84846 29209 11655 79131 65112 69640 21461 66503
55377 39086 71941 08502 47096 07188 11130 60817 27742 81971

87171 13335 73982 24813 66696 44455 87307 48828 75574 11222
95471 62001 82266 70726 50044 54400 58579 74886 82142 00887
28655 11137 05111 42437 27252 05111 30549 40968 14264 41854
49533 04650 20411 97352 59168 42796 10928 16035 98897 99991
77703 95532 70777 11929 52413 83119 28166 46880 99317 02009
17907 85588 76214 74193 62254 55977 54442 32158 74307 32774
50966 44058 07593 77207 48145 62400

9317/8117/7517 kHz, 24-01, 1600/1620/1640 UTC

04524 00001 00000 35656

9317/8117/7517 kHz, 29-01, 1600/1620/1640 UTC

04185 00001 00000 34264

9317/8117/7517 kHz, 31-01, 1600/1620/1640 UTC

00737 00216 14401 80354 26436 96194 07175 38816 96332 11775
37699 84063 81348 62263 04501 70583 96563 15827 49402 45872
56692 94651 98316 81982 02971 29419 15732 52485 53068 33083
45682 73914 58903 39334 66993 97712 70378 95926 81300 12375
61244 38393 56938 14127 35761 96728 29936 21321 65736 91121
27392 25925 93162 77994 14992 14344 76228 6 069 89080 66112
49381 08714 21906 65457 37685 19828 20509 96407 24792 47208
94445 83923 54317 51539 40579 49096 61385 76840 39302 93121
65523 02163 16577 52502 77320 37185 62955 14918 39443 56257
74137 96500 16006 05015 62536 45618 41704 65076 40870 59104
41828 54423 99391 46138 07483 36425 68075 26086 39423 44994
22257 70220 70198 77766 98084 26852 06394 59839 27052 31111
50737 31561 18549 01399 31536 60114 82729 51012 33232 70059
56045 67268 60911 66875 49687 34820 81910 08840 72343 70954
44060 31846 37215 71617 68641 63934 00741 88705 32000 61112
09660 65987 59208 36127 57152 83777 49205 16378 85529 31927
45987 22907 50776 01392 49162 36650 52175 62641 40883 46966
64871 60407 40271 02426 94751 92585 83989 87415 38458 16114
97082 41044 64624 17667 80241 43318 68018 90502 51295 49537
66615 29287 76950 26404 86880 60940 00626 32908 23611 06361
04029 80603 80862 07556 04584 04582 99305 72626 86492 10926
88133 15565 00514 82858 94908 82751 48635 08448 26132

10921/12221/13521 kHz, 1200/1220/1240 UTC

10921/12221/13521 kHz, 02-01, 1200/1220/1240 UTC

09140 00001 00000 31665

10921/12221/13521 kHz, 04-01, 1200/1220/1240 UTC

02955 00001 00000 40260

10921/12221/13521 kHz, 09-01, 1200/1220/1240 UTC

06633 00001 00000 35661

10921/12221/13521 kHz, 11-01/16-01, 1200/1220/1240 UTC

00268 00056 20438 13268 18427 27791 57568 67633 52719 04724
37181 90687 58947 81962 87895 24158 45887 56968 53047 92357
98298 87147 37646 29436 81656 43111 85946 90293 18528 88604
72672 25776 13216 16531 04482 47866 10131 19874 68585 35689
05995 11638 68992 48020 89925 54638 54325 85912 11381 55100
20163 09584 67606 18571 86951 49576 85389 48172 15362

10921/12221/13521 kHz, 18-01/23-01, 1200/1220/1240 UTC

08773 00126 14203 14569 39898 31298 90259 84513 63449 76445
39650 74177 39490 89294 17204 07731 14046 78172 67319 46046
33616 81997 94408 53205 98325 33958 04956 80925 56925 27732
82620 94160 62798 05239 79105 20870 67966 24829 31593 14632
65403 61900 29048 78709 19115 79904 60781 34305 04041 22312

51744 26660 92010 20545 11441 94293 88885 31974 33371 09806
90003 56432 47372 85016 74382 66929 58327 26544 90908 41229
71064 46951 33164 72681 74498 39506 01165 48560 45581 78631
42096 29635 78299 41580 11996 40817 20167 75519 10854 74884
40529 82486 70982 57552 25962 84870 88090 84183 77702 05880
08374 51239 09709 07045 54925 58077 11444 52688 33682 89312
60177 63260 85415 80570 77075 62362 15781 16726 39121 85258
50253 29710 79359 86551 44359 79072 12206 67598 43750

10921/12221/13521 kHz, 25-01/30-01, 1200/1220/1240 UTC

07281 00130 07840 77970 85616 42762 32933 97441 62869 85677
36225 51353 40998 54664 54610 86114 54336 29235 18869 65055
37896 29808 97502 60577 42765 69286 38919 91146 59285 44629
72255 71020 49043 27414 41293 03017 84346 59766 28226 83253
97473 86091 40075 21252 85451 37598 86826 26516 72872 69531
19434 31365 36532 14363 66006 92326 48266 03879 62575 04163
35273 60645 81102 53821 92053 33457 81243 40357 55180 93183
68502 41131 30365 03847 27713 79329 07271 96420 00199 13152
94119 79822 80286 35670 20878 58696 61040 30290 71396 73379
98996 90289 70937 01018 10429 15123 84453 87088 82085 56808
35568 00433 17878 96314 29862 83744 80391 42100 76997 27178
97953 04660 85235 78528 07569 58537 32812 65649 99552 45613
16625 78130 06428 44160 50059 80689 69412 13466 51063 88076
04400 08210 73711

11493/13393/13993 kHz, 0800/0820/0840 UTC

11493/13393/13993 kHz, 03-01, 0800/0820/0840 UTC

04441 00001 00000 33660

11493/13393/13993 kHz, 05-01, 0800/0820/0840 UTC

05564 00001 00000 35663

11493/13393/13993 kHz, 10-01, 0800/0820/0840 UTC

02338 00001 00000 36655

11493/13393/13993 kHz, 12-01, 0800/0820/0840 UTC

02387 00001 00000 36262

11493/13393/13993 kHz, 17-01/19-01/24-01/27-01, 0800/0820/0840 UTC

02106 00128 51605 70819 54489 16393 17934 07767 46969 94845
50282 07136 93840 21173 98811 57130 80700 45342 01670 26769
41317 19774 38395 99422 38191 66677 82722 19525 60900 38382
08252 43536 02970 28498 16560 47287 90032 08101 87831 04612
58141 84281 02150 94745 79703 83405 81430 39435 85457 53847
14267 16946 27515 85421 27195 19086 80258 52962 84494 18370
07144 68784 98540 21617 07753 38807 72649 51023 48859 84092
00733 28331 22501 80106 95966 67335 30711 68001 60680 03417
41445 65337 63085 92423 10086 24955 26885 70132 69316 52040
56067 87004 98873 68310 94764 69351 14958 42655 04119 86630
70329 81918 62039 62964 88689 57512 67504 28647 83931 35215
33812 74902 42210 75314 98985 86051 04342 23770 95915 65597
78001 29824 01461 71617 80851 92819 35546 74883 92965 11721
57250

11493/13393/13993 kHz, 31-01, 0800/0820/0840 UTC

00734 00162 88183 68392 18356 66400 70246 52648 67036 90634
73521 69943 63197 21378 90866 62443 52040 65196 38877 96551
74131 75533 58435 16058 91556 14785 69836 32592 51163 04664
95101 17239 28564 54827 71314 74200 72909 75284 31282 25497
21474 23347 85210 87294 23466 41355 94513 66517 67421 17474
00603 67386 71755 94637 13452 95852 16427 98742 60124 75730
82674 48619 21766 20258 74788 36652 68806 85755 53667 76781

17354 04114 32034 50502 51768 86004 16378 04611 72666 29678
33097 05008 91888 61344 26458 35437 21809 24704 51835 90445
21817 67018 67216 28509 82087 59282 20251 22899 74620 67792
26320 19110 26590 94235 75741 86314 56686 49087 00137 89913
51407 79550 69786 77811 79983 59613 59439 08105 83081 92871
51176 54398 37957 11535 86775 33713 13529 78406 45563 24964
79019 86967 37808 50096 40966 61510 13676 34003 87926 98669
12978 36946 04412 94484 84229 06677 20745 65491 45872 88708
17760 29620 87812 82745 45063 93750 73834 89404 25398 70608
61939 06594 14380 43940 23141

14977/13971/13371 kHz, 0910/0930/0950 UTC

14977/13971/13371 kHz, 03-01, 0910/0930/0950 UTC

09257 00001 00000 35666

14977/13971/13371 kHz, 05-01, 0910/0930/0950 UTC

05547 00001 00000 37266

14977/13971/13371 kHz, 10-01/17-01/19-01, 0910/0930/0950 UTC

01545 00088 66278 94580 26584 67156 99352 35359 76850 11561
63664 93503 87101 41948 77632 42133 53644 257446 5741 67258
64913 95393 74465 62319 09043 57640 04739 19547 70733 64276
91190 81313 25374 63353 42616 78188 87750 92283 08168 33078
63567 00874 14150 16298 82196 75669 99529 88895 65883 19002
37401 75123 52803 95817 45705 09412 35689 14924 53240 80045
97187 46695 817644 6457 69063 27399 30035 41874 04590 17688
43827 94880 26734 76067 78770 40860 22674 04641 84064 65586
76075 10607 19620 56344 10391 65020 92602 18171 67884 76021
52140

14977/13971/13371 kHz, 24-01, 0910/0930/0950 UTC

08738 00001 00000 40663

14977/13971/13371 kHz, 26-01, 0910/0930/0950 UTC

05909 00001 00000 42255

14977/13971/13371 kHz, 31-01, 0910/0930/0950 UTC

05857 00199 50535 03025 35583 88380 30003 01163 36350 85388
66030 03630 33083 01333 33388 63060 36388 60038 60430 11350
88308 35885 83605 51668 03366 33385 36813 17131 80030 68668
43103 60106 31160 68606 58656 56830 52360 02850 30600 00425
80028 52887 55003 87350 55886 36300 56353 08635 63653 68035
88331 05860 38833 38665 00808 50050 36320 30575 02248 97112
63722 22795 40488 48174 18629 32146 33747 30738 06652 37377
35673 32830 08336 22603 33238 02686 33668 76028 00537 33034
51193 95035 73875 77370 60803 85000 35330 80528 66663 02558
61803 56205 80336 58802 06663 86560 88055 40048 66380 50688
00352 38636 08268 85801 03350 80086 60330 66582 85450 83305
70706 05033 05058 63233 32002 82656 88230 05003 61380 33503
35803 28800 28838 28682 38586 00038 33260 16660 33886 86446
84333 81688 16800 68806 84380 80037 21002 63308 03103 66318
43384 33134 76000 05631 80813 00606 60003 33846 17888 73306
68127 61618 63863 06768 88636 18834 18388 32261 68638 33468
30443 48843 44006 17300 30510 63417 85088 83606 03688 06408
80028 30866 60551 80631 68288 33308 83350 88887 80503 82086
32256 83385 72270 74823 35233 00600 30632 03167 30223 72883
66822 60000 83686 20801 50136 60678 35565 65883 00876 74062
05455 32367

10231/9331/8131 kHz, 1100/1120/1140 UTC

10231/9331/8131 kHz, 04-01/07-01/11-01/14-01, 1100/1120/1140 UTC

00815 00070 36006 73551 23024 44472 34436 65754 52403 17544
62504 10417 37925 63911 49305 04207 63030 70985 30451 65719
47375 42130 06777 46342 50590 76493 26535 20415 13942 76290
35410 39923 58895 97054 12230 99522 96431 17444 00044 54699
76098 97551 86762 22374 34119 01382 97499 56680 31092 61328
93682 78499 04256 24641 44680 97975 09907 38268 24276 01171
92658 59406 67728 21702 51627 01250 99558 01784 62755 84510
92530 61481 71324

10231/9331/8131 kHz, 18-01/21-01/25-01/28-01, 1100/1120/1140 UTC

05121 00120 43199 98060 97653 91802 31073 07636 04211 88972
96237 71577 10386 88392 99320 01172 88032 35471 64392 40488
66338 27126 70244 70617 72557 82186 59576 41345 14772 09030
26876 53945 55092 35796 89654 82028 88184 02611 35704 25366
25593 06982 92412 09316 53747 12939 86760 53742 63024 59551
55760 44482 20285 09353 42332 79089 05931 65463 46132 49433
34762 89997 75717 83978 44283 33433 89086 29846 51273 68373
99314 87049 41034 65407 77927 89760 67439 88748 58178 56826
69549 18848 75210 87989 15534 58814 65428 67051 84421 64905
52417 39960 57942 69405 91144 06730 00722 91946 79359 49823
83087 39056 80356 90640 48887 06006 72020 48554 20841 03346
42169 52910 66492 36853 02970 53357 05184 96650 16494 38316
40594 97526 56775

10465/9165/8065 kHz, 1600/1620/1640 UTC

10465/9165/8065 kHz, 04-01, 1600/1620/1640 UTC

02056 00001 00000 34257

10465/9165/8065 kHz, 11-01, 1600/1620/1640 UTC

05270 00001 00000 32264

10465/9165/8065 kHz, 13-01, 1600/1620/1640 UTC

05986 00001 00000 40665

10465/9165/8065 kHz, 18-01/20-01, 1600/1620/1640 UTC

02933 00261 27907 28975 37217 56048 82282 81337 45410 90311
71609 52730 79026 64718 08802 83814 97180 29670 72279 20130
73867 31503 08877 97291 74144 20873 74359 60959 46130 14096
40355 41854 53699 01391 76936 77804 40421 72733 61556 15862
16446 42405 07710 39772 00821 71817 23772 16224 42750 43880
84836 61441 35156 65127 26463 74919 30650 90838 19957 74492
92407 02473 88751 26888 97771 76802 96359 44953 91390 36480
25340 50550 08325 63787 72591 28029 94136 36461 35886 82703
94201 56798 20852 28419 45359 56584 25578 30188 96127 32515
94099 78177 10288 10590 44899 70443 96471 80086 82957 56320
21691 87902 03045 43125 01892 20976 92787 74368 96719 52415
79675 65538 54201 55882 35470 13318 99868 16669 69647 26562
78067 07403 45848 77290 27888 12891 84270 97352 70307 58817
16531 57911 15087 43961 49243 60641 41228 91425 81154 52229
79582 54853 71789 75345 92070 88054 47058 63939 22696 62932
29305 65846 68113 15010 60372 04784 26316 13115 33958 28184
26521 46734 44110 97708 05493 21309 52574 67657 23188 21971
79269 75404 10022 45941 12590 02055 46034 10651 34321 77998
60672 07822 65494 73068 14192 76732 88898 94685 73724 49352
03344 59498 47270 56524 28984 68734 40706 98515 76619 31265
75762 54560 15466 80092 36000 73624 93685 90728 08131 70230
45857 95822 63832 65747 37440 86414 99243 06998 06365 04092
68858 82690 66140 57165 31873 13281 48312 72255 76526 68372
13217 63449 84845 16028 35075 63284 22542 40720 97671 19113
47761 09367 15656 06169 67776 39335 06368 60213 27477 94218
46023 52136 95427 63991 11872 86915 79831 50289 91616 39501
37463 01848 80088 17634

10465/9165/8065 kHz, 25-01, 1600/1620/1640 UTC

02145 00001 00000 34256

10465/9165/8065 kHz, 27-01, 1600/1620/1640 UTC

03262 00001 00000 33160

13384/12184/10984 kHz, 1100/1120/1140 UTC

13384/12184/10984 kHz, 05-01/06-01/12-01/13-01, 1100/1120/1140 UTC

00605 00046 55375 87611 33021 71646 73142 43564 24509 11566
03703 74484 55424 93387 32624 02203 15350 44666 83286 88944
26634 50991 39666 88280 08086 72412 61001 41888 10058 44061
33266 99256 51339 17233 93504 26356 61000 71162 11114 88394
81303 06593 29196 49562 53228 84499 06231 14472 13201

13384/12184/10984 kHz, 19-01, 1100/1120/1140 UTC

08749 00001 00000 41264

13384/12184/10984 kHz, 20-01, 1100/1120/1140 UTC

02489 00001 00000 37662

13384/12184/10984 kHz, 26-01/27-01, 1100/1120/1140 UTC

02466 00098 43625 60367 94310 56469 30111 81412 78299 15579
03709 35746 79756 65426 44699 10139 41328 86937 18766 72275
45676 81383 93864 85864 09956 13536 77264 83363 07480 42770
71851 56216 62291 01591 63209 70534 81323 51620 18377 37660
48284 39976 34222 45899 62445 29010 38357 03030 84328 64307
99985 97541 26910 69302 65840 54840 39129 93273 02081 46975
38673 67815 33466 17087 12183 22802 02335 48689 07200 36432
31101 25591 95552 84784 65331 75087 52105 15328 17726 58776
75258 21055 57284 07437 63404 75912 05451 75027 77567 14419
09234 64483 26470 39989 97471 81431 89467 17957 59939 44602
50234

10726/11426/12226 kHz, 1200/1220/1240 UTC

10726/11426/12226 kHz, 05-01/07-01, 1200/1220/1240 UTC

06086 00062 39737 55281 19937 65661 41395 01293 07822 29513
47681 04333 52786 92394 07222 66701 87006 94892 11181 04510
69180 14268 34366 35715 92149 97189 64653 76664 02879 52385
78222 59537 53862 32083 88489 12764 75875 26653 58243 85940
46087 25421 50057 40804 99287 85379 68146 50138 27961 80979
47744 60315 27722 04327 23542 76182 16489 12408 80086 73381
51497 96114 01294 01970 47412

10726/11426/12226 kHz, 12-01/14-01, 1200/1220/1240 UTC

07462 00098 78933 40798 63871 79601 24887 97023 66092 84724
07444 57813 76800 02541 36087 01916 76817 67958 60774 39470
23202 83088 04891 84486 56677 83494 80068 04593 47865 32139
19963 69403 23159 95316 35184 22530 49516 56781 82649 08147
91845 25190 32826 43054 14616 95775 03857 18367 24145 18632
52937 17786 82500 39415 06917 88371 21480 10747 96331 62639
98537 71965 10579 44485 74154 40176 60358 53288 36594 03760
08116 27000 04126 80024 37444 00764 77055 79772 09909 35447
75280 57446 18610 81697 31138 38849 97742 51642 99444 89836
02866 29276 99031 94051 45316 18993 40457 15765 89485 33163
24156

10726/11426/12226 kHz, 19-01/21-01, 1200/1220/1240 UTC

09174 00144 75953 52367 80151 17848 56563 16520 06617 62033
55407 73493 63866 62135 21419 11626 49657 36505 45420 26615
29584 87997 03726 47823 08703 05023 84136 99807 97436 75873
82505 45384 77199 78246 11412 95290 03384 75683 45453 36582
54647 52172 18944 86712 80927 37658 23733 53004 22278 15525
94894 93000 02807 05673 46555 50886 88082 52333 83883 08362
06388 08353 26356 40080 30857 62888 53836 38237 75806 08765
40687 16833 39069 93460 67676 38323 58431 28032 98456 38805
77777 08330 53406 31003 86342 68306 59348 58654 50604 04560
55480 86367 03002 78055 85221 45553 08354 99420 40682 08178
01864 00506 76378 32285 26343 27256 67803 00399 75286 46769
50394 88126 22308 36032 75795 07306 80806 50054 92573 02209
60540 91356 85263 87022 56985 57748 43403 82166 85380 63778
06763 28166 38060 86130 36330 00080 68668 20327 83066 60100
65335 03072 62588 56863 08305 60063 63633

10726/11426/12226 kHz, 26-01/28-01, 1200/1220/1240 UTC

00563 00168 65299 03815 98046 27867 04945 03397 46464 03352
14764 85729 70338 55587 10347 52477 37965 29641 25340 30434
33286 03861 73717 92195 79333 82348 53725 65181 62838 29601
81201 02619 65718 65744 59593 28112 54996 04303 98592 15448
36280 28232 49745 91299 66063 06550 44692 87168 29805 83014
04155 60375 13332 49119 20102 35780 41367 47518 08311 51821
23850 48093 03291 94910 02479 92488 48840 60227 91641 81728
65113 40851 97929 83580 80853 91292 19290 34146 60937 68146
36347 88941 09425 72994 75697 21946 03420 51391 55549 44370
02736 41892 78265 48478 52244 02089 28330 54670 30030 74912
94303 92638 64595 94301 84101 38590 30253 79707 72782 72542
90930 60703 38699 69817 19220 81439 11991 25453 01666 32593
78126 60485 97310 42531 87934 35102 19956 64036 84177 12825
33489 22470 64929 93660 95265 44246 67725 89051 69360 74500
82407 26401 55736 11598 29551 79640 95534 88918 47612 72281
49287 85761 58839 42284 66124 60253 50424 08777 90648 19295
85748 35749 74125 28546 85717 75407 51808 14178 36583 05491
03136

XPB1

14769 kHz, 01-01/03-01/08-01/10-01/15-01/17-01/22-01/24-01/29-01/31-01, 1100 UTC
14369 kHz, 01-01/03-01/08-01/10-01/15-01/17-01/22-01/24-01/29-01/31-01, 1110 UTC
13969 kHz, 01-01/03-01/08-01/10-01/15-01/17-01/22-01/24-01/29-01/31-01, 1120 UTC
13369 kHz, 01-01/03-01/08-01/10-01/15-01/17-01/22-01/24-01/29-01/31-01, 1130 UTC
12169 kHz, 01-01/03-01/08-01/10-01/15-01/17-01/22-01/24-01/29-01/31-01, 1140 UTC
11169 kHz, 01-01/03-01/08-01/10-01/15-01/17-01/22-01/24-01/29-01/31-01, 1150 UTC

15925 kHz, 01-01/05-01/08-01/12-01/15-01/19-01/22-01/26-01/29-01, 1200 UTC
14825 kHz, 01-01/05-01/08-01/12-01/15-01/19-01/22-01/26-01/29-01, 1210 UTC
13425 kHz, 01-01/05-01/08-01/12-01/15-01/19-01/22-01/26-01/29-01, 1220 UTC
12125 kHz, 01-01/05-01/08-01/12-01/15-01/19-01/22-01/26-01/29-01, 1230 UTC
10425 kHz, 01-01/05-01/08-01/12-01/15-01/19-01/22-01/26-01/29-01, 1240 UTC
9325 kHz, 01-01/05-01/08-01/12-01/15-01/19-01/22-01/26-01/29-01, 1250 UTC

7771 kHz, 02-01/04-01/09-01/11-01/16-01/18-01/23-01/25-01/30-01, 2000 UTC
7471 kHz, 02-01/04-01/09-01/11-01/16-01/18-01/23-01/25-01/30-01, 2010 UTC
6771 kHz, 02-01/04-01/09-01/11-01/16-01/18-01/23-01/25-01/30-01, 2020 UTC
5771 kHz, 02-01/04-01/09-01/11-01/16-01/18-01/23-01/25-01/30-01, 2030 UTC
5171 kHz, 02-01/04-01/09-01/11-01/16-01/18-01/23-01/25-01/30-01, 2040 UTC
4771 kHz, 02-01/04-01/09-01/11-01/16-01/18-01/23-01/25-01/30-01, 2050 UTC

12187 kHz, 03-01/04-01/10-01/11-01/17-01/18-01/24-01/25-01/31-01, 0600 UTC
 13387 kHz, 03-01/04-01/10-01/11-01/17-01/18-01/24-01/25-01/31-01, 0610 UTC
 13887 kHz, 03-01/04-01/10-01/11-01/17-01/18-01/24-01/25-01/31-01, 0620 UTC
 14487 kHz, 03-01/04-01/10-01/11-01/17-01/18-01/24-01/25-01/31-01, 0630 UTC
 14987 kHz, 03-01/04-01/10-01/11-01/17-01/18-01/24-01/25-01/31-01, 0640 UTC
 15886 kHz, 03-01/04-01/10-01/11-01/17-01/18-01/24-01/25-01/31-01, 0650 UTC

F03

Logs correction

December 3rd, 2021, 0945/0950 UTC had F03I on both 6480 and 8680 kHz.

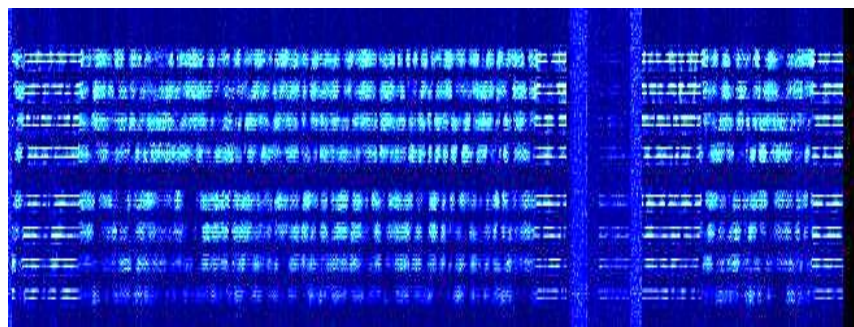
8680 kHz is incorrect and should be ignored.

Q26 - Chinese military

Daily schedule from a ship in the Gulf of Aden / off the east coast of Africa (Somalia, Kenia, Tanzania) and a very weak counter part. Could be in China. This is most likely one of the Chinese war ships deployed there to protect Chinese vessels against pirates.

Mode: 4+4 QPSK 75/1000 LSB

Traffic consists of RYRYRY's, callups and 4-letter groups messages.



Note: Most transmissions were too weak and/or too noisy for a good decode.

8774 kHz, 03-01, 1830 UTC Traffic
 8774 kHz, 04-01, 1804 UTC 4-letter group messages
 8774 kHz, 05-01, 1515 UTC Traffic
 8774 kHz, 05-01, 1527 UTC Traffic
 8774 kHz, 06-01, 1758 UTC Traffic
 8774 kHz, 06-01, 1810 UTC Traffic
 8774 kHz, 06-01, 1812 UTC RZWP RZWP RZWP LP BVVT BVVT BVVT RYRYRYRYRY CPN followed by 4-letter groups
 8774 kHz, 06-01, 1816 UTC RZWP RZWP RZWP LP BVVT BVVT BVVT RYRYRYRYRY JHD followed by 4-letter groups
 8774 kHz, 07-01, 1803 UTC Traffic
 8774 kHz, 07-01, 1809 UTC RZWP RZWP RZWP LP ORP? ORP? ORP? RYRYRYRYRYRY CPN 2@ 20 4
 8774 kHz, 07-01, 1818 UTC BRHD BRHD BRHD PR EHRJ EHRJ EHRJ
 8774 kHz, 07-01, 1821 UTC RZWP RZWP RZWP LP ORP? ORP? ORP? RYRYRYRYRYRY JHD ...
 8774 kHz, 07-01, 1823 UTC RZWP RZWP RZWP LP ORP? ORP? ORP? JHOO ...
 8774 kHz, 07-01, 1827 UTC RZWP RZWP RZWP LP ORP? ORP? ORP? JHOO ...

8774 kHz, 16-01, 1350 UTC. Message i.p.

PYJF PJFM CMBG YCBU BCJY YGUC GJWM JUFY YFUG
 JMUW CJMG JBCM GMWJ CBGW CBMJ CJPW FCUG BJPM
 BYWG CUJF YGMB UBWF GCPF UGFW MFPJ PBCY MGCI
 WYUP WJMG CJBW CJPW PWCG MUJF CUWJ WYPM MPGF
 BYPW MUYB WFUB BFPW MGFU GYBC MUGF YFUP WYBG
 UYBF FJBM BCFG FPGC JWFU WCPB GUCM YFBJ~RUYW

ANIX ANIX ANIX LP KBBS KBBS KBBS
 ANIX ANIX ANIX LP KBBS KBBS KBBS
 ANIX ANIX ANIX LP KBBS KBBS KBBS

DIPLOMATIC STATIONS

Egyptian diplomatic stations

13555 kHz, 03-01, 1339 UTC, SITOR-A 100/170
13555 kHz, 03-01, 1341 UTC, CODAN-3012
9045 kHz, 16-01, 1437 UTC, CODAN-3012

MFA Cairo clg OOV: Egyptian embassy New Delhi
99901: MFA Cairo clg 44406: Egyptian embassy New Delhi
Egyptian Embassy Washington wkg Egyptian Embassy Havana

CLANDESTINE / TARGETED RADIO & JAMMERS

Russian-Ukrainian radio war

Who is who? Ukrainians, Russians, or Russians pretending to be Ukrainians? Probably all of them.

7055 kHz, 03-01, 1335 UTC, LSB	Anti Russia messages. Two stations on top of each other. Both loop transmissions
7055 kHz, 07-01, 1454 UTC, LSB	Insulting anti Ukraine and anti Russia transmissions on top of each other. Music
7050 kHz, 14-01, 1443 UTC, LSB	Provocative, insulting messages from both sides on top of each other
7055 kHz, 14-01, 1443 UTC, LSB	Provocative, insulting messages from both sides on top of each other
7055 kHz, 17-01, 1650 UTC, LSB	The daily hooligans show with insulting messages and music
7055 kHz, 19-01, 1340 UTC, LSB	Russian/Ukrainian trolls with propaganda items. Many stations on top of each other. At least two loop transmissions

Target: Turkey

11530 kHz, 10-01, 0747 UTC, AM	Radio Dengé Welat
11530 kHz, 10-01, 0747 UTC, AM	Radio Recep Erdogan jamming Radio Dengé Welat

Target: Ethiopia


15160 kHz, 12-01, 1500 UTC, AM	Dimtse Woyane Tigray probably a program in Tigrinya, jammed by an Ethiopian noise jammer
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January 14th: Ukrainian government websites were hit by a major cyber attack.

Here is the message that appeared on many government websites.

The text is in Ukrainian, Russian and Polish.

“Ukrainian, be afraid and prepare for the worst. All your personal data has been uploaded to the web”. The general idea is that Russia is behind the attacks.



Українець! Всі ваші особисті дані були завантажені в загальну мережу. Всі дані на комп'ютері знищуються, відновити їх неможливо. Вся інформація про вас стала публічною, бійтеся і чекайте гіршого. Це Вам за ваше минуле, сьогодення і майбутнє. За Волинь, за ОУН УПА, за Галичину, за Полісся і за історичні землі.

Украинец! Все ваши личные данные были загружены в общую сеть. Все данные на компьютере уничтожаются, восстановить их невозможно. Вся информация о вас стала публичной, бойтесь и ждите худшего. Это Вам за ваше прошлое, настоящее и будущее. За Волинь, за ОУН УПА, за Галицию, за Полесье и за исторические земли.

Ukrainiec! Wszystkie Twoje dane osobowe zostały przesłane do wspólnej sieci. Wszystkie dane na komputerze są niszczone, nie można ich odzyskać. Wszystkie informacje o Tobie stały się publiczne, bój się i czekaj na najgorsze. To dla Ciebie za twoją przeszłość, teraźniejszość i przyszłość. Za Wołyń, za OUN UPA, Galicję, Polesie i za tereny historyczne.

EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
07-01	1533	Broadleaf	30 chr EAM ZMKNX3 IQAVDGOH32QXHOVP4J47TX2Q
07-01	1600	Broadleaf	30 chr EAM ZMQ5EN VZPW6TK6GEDVBPOM3WCE7X (disregarded)
07-01	1629	Broadleaf	30 chr EAM ZM2DTQ VRJVO24WKVB6U247OPJZQU6A
07-01	1633	Broadleaf	30 chr EAM ZMH7TG S6EYLHCWKBDZTMUEQOOSYLXE
07-01	1636	Broadleaf	30 chr EAM ZMQ5EN VZPW6TK6GEDVBPOM3WCE7XGZ
07-01	1639	Broadleaf	30 chr EAM ZMKNX3 IQAVDGOH32QXHOVP4J47TX2Q
07-01	1645	Broadleaf	30 chr EAM ZM7PSU FOOQ7RPXV6HO6L6MXYIDO3SU
07-01	1649	Broadleaf	30 chr EAM ZMPJGD QSX6VNB5GSBPC2WOQRBDHX52
07-01	1700	Broadleaf	30 chr EAM ZMPJGD QSX6VNB5GSBPC2WOQRBDHX52
07-01	1702	Broadleaf	30 chr EAM ZM7PSU FOOQ7RPXV6HO6L6MXYIDO3SU
07-01	1704	Broadleaf	30 chr EAM ZMQ5EN VZPW6TK6GEDVBPOM3WCE7XGZ
07-01	1730	Broadleaf	30 chr EAM ZMPJGD QSX6VNB5GSBPC2WOQRBDHX52
07-01	1732	Broadleaf	30 chr EAM ZM7PSU FOOQ7RPXV6HO6L6MXYIDO3SU
07-01	1735	Broadleaf	30 chr EAM ZMQ5EN VZPW6TK6GEDVBPOM3WCE7XGZ
07-01	1817	Broadleaf	34 chr EAM GQJANF BKQVXAA5F76NGTYNKSJNKS2HLM5V
07-01	1823	Broadleaf	30 chr EAM for Rowan-37 GQAKDA MA26GTQVSRD2TFTWQ6G34PLS
07-01	1846	Broadleaf	30 chr EAM ZMWRGG TKLDGHHXG2BOINC5FDXKQLNJ
07-01	1900	Broadleaf	30 chr EAM ZMWRGG TKLDGHHXG2BOINC5FDXKQLNJ
07-01	1930	Broadleaf	30 chr EAM ZMWRGG TKLDGHHXG2BOINC5FDXKQLNJ
07-01	2000	Broadleaf	30 chr EAM ZMWRGG TKLDGHHXG2BOINC5FDXKQLNJ
07-01	2200	Broadleaf	30 chr EAM ZMFXA2 WCXWRGR4KBCK2GIPGA62QGIZ
07-01	2230	Broadleaf	30 chr EAM ZMFXA2 WCXWRGR4KBCK2GIPGA62QGIZ
07-01	2300	Broadleaf	30 chr EAM ZMFXA2 WCXWRGR4KBCK2GIPGA62QGIZ
07-01	2330	Broadleaf	30 chr EAM ZMFXA2 WCXWRGR4KBCK2GIPGA62QGIZ
08-01	1232	Equality	30 chr EAM for Abar-43 GQG52X EF4HC7KNDTPDRQKEKNWG57Y
08-01	1302	Equality	30 chr EAM ZMU6GS MSZTA64RPEB4IG643O6INP4S
08-01	1329	Equality	30 chr EAM ZMU6GS MSZTA64RPEB4IG643O6INP4S
08-01	1400	Equality	30 chr EAM ZMU6GS MSZTA64RPEB4IG643O6INP4S
08-01	1500	Equality	30 chr EAM ZMU6GS MSZTA64RPEB4IG643O6INP4S
08-01	1632	Equality	30 chr EAM ZMA3YG F65CR2QLMRPYP5AONMY74BRV
08-01	1707	Equality	30 chr EAM ZMA3YG F65CR2QLMRPYP5AONMY74BRV
08-01	1730	Equality	30 chr EAM ZMA3YG F65CR2QLMRPYP5AONMY74BRV
08-01	1800	Equality	30 chr EAM ZMA3YG F65CR2QLMRPYP5AONMY74BRV
08-01	1832	Equality	30 chr EAM ZMA3YG F65CR2QLMRPYP5AONMY74BRV
08-01	1902	Equality	30 chr EAM for Geology GQI6ZO FGJ7PDL65TVP2BA7EYLXZHU2
08-01	1933	Equality	30 chr EAM for Geology GQYDXU IYWZLTFDE4LG4HZ4GM5JWENG
09-01	1248	Fog Count	30 chr EAM for Goya GQO5SX PNYWDF7O74KVLQYVNFWCZIJF
09-01	1309	Fog Count	30 chr EAM for Goya GQVSCO PPSKCEMCBN7OI4LR4VMV33ID
09-01	1431	Fog Count	30 chr EAM for Trent GQKZRC IQGXBW76TAKPFI74U7YMN7AY
09-01	1452	Fog Count	30 chr EAM for Trent GQ6J3H P2C3XMG2MFEFOG2BFSWAANEY
09-01	1533	Fog Count	30 chr EAM ZMRHVH MEYFHQAIDUZBJVITPGQ2FOPT
09-01	1600	Fog Count	30 chr EAM ZMRHVH MEYFHQAIDUZBJVITPGQ2FOPT
09-01	1630	Fog Count	30 chr EAM ZMRHVH MEYFHQAIDUZBJVITPGQ2FOPT
09-01	1632	Fog Count	30 chr EAM for Trent GQJPQQ XSVRT3OSR6BHOUQECIWD52Y3
09-01	1635	Fog Count	30 chr EAM ZMRHVH MEYFHQAIDUZBJVITPGQ2FOPT
09-01	1647	Fog Count	30 chr EAM for Trent GQQMDZ BBZVV5FG2X5CTFAY6OESGQ7W
09-01	1700	Fog Count	30 chr EAM ZMRHVH MEYFHQAIDUZBJVITPGQ2FOPT
09-01	1706	Fog Count	30 chr EAM for Trent GQUKT7 EGK2SIE372FQ3B4GUALQHBNG
09-01	1730	Fog Count	30 chr EAM ZMRHVH MEYFHQAIDUZBJVITPGQ2FOPT
09-01	1747	Fog Count	30 chr EAM ZM3JUY HEL6YJRCDD4JFDV7JBMJGZT
09-01	1800	Fog Count	30 chr EAM ZM3JUY HEL6YJRCDD4JFDV7JBMJGZT
09-01	1802	Fog Count	30 chr EAM for Goya GQ3ROG XEJC4T4NXXTNUCR2I7AZCDOU
09-01	1817	Fog Count	39 chr EAM GQDVW6 AUURQ62NLONDYRZPDYW7QD4XUAJMI5TT3
09-01	1830	Fog Count	30 chr EAM ZM3JUY HEL6YJRCDD4JFDV7JBMJGZT
09-01	1900	Fog Count	30 chr EAM ZM3JUY HEL6YJRCDD4JFDV7JBMJGZT
09-01	1902	Fog Count	30 chr EAM for Trent GQZZ7G I2LH645MVC03MXKIVAHE5E4F
09-01	1917	Fog Count	30 chr EAM for Trent GQCNR6 HVAXLCO6JYTJNJOUA4KM2C3IK

09-01	1927	Fog Count	30 chr EAM for Trent GQKRNT WUUHPYKL5PVB35FE5IELNMGY
09-01	1930	Fog Count	30 chr EAM ZM3JUY HEL6YJRCDDHD4JFDV7JBMJGZT
10-01	1729	Uncle Sam	108 chr EAM SJEVAV 2BECJNMK3EISVYTQMTZBOMXOUG5006GKBRR36SQ44EMATALT PFDCT2OWSOC3PS265POIKTPXKPG2JPOAW4BLZ3JFYXQCD6GBJ3R2JB
10-01	1928	Uncle Sam	30 chr EAM ZMCPLX DD74TCVNWBK2EZD7XQEHAUB
10-01	1931	Uncle Sam	30 chr EAM ZMCPLX DD74TCVNWBK2EZD7XQEHAUB
11-01	1600	Palatial	30 chr EAM ZMT7CF R4OB5NGMLHNSEPTAZQD6M7KP
11-01	1857	Palatial	30 chr EAM GQ2CET H43LREXQ6AGKTFVP3XJBVWVM
11-01	1928	Palatial	39 chr EAM GQJRBG O2PMJTDITYEPNZQLVNZTLKB6S6CFMT7U5J
11-01	1936	Palatial	30 chr EAM GQH5EC 2RJQRSTQ7I52RGPEOJCQITII
11-01	1941	Palatial	30 chr EAM ZMDIAS SNKTFACGZPOQGMQOKZ4WVZGU
11-01	2000	Palatial	30 chr EAM ZMDIAS SNKTFACGZPOQGMQOKZ4WVZGU
11-01	2101	Palatial	30 chr EAM ZMDIAS SNKTFACGZPOQGMQOKZ4WVZGU
12-01	1537	Ambitious	30 chr EAM for Absolute Pitch GQRMAT 6MER6ITDNJWZKD7Y72UBCOLB
12-01	1700	Ambitious	30 chr EAM for Absolute Pitch GQ34FU I4R2XX54W3KZOO45AQURTVGC
12-01	1717	Ambitious	30 chr EAM for Birth-67? GQCR27 3CHQIVHGSO3CFYKQ64TQ47NU
12-01	1727	Ambitious	30 chr EAM for Woman, for Absolute Pitch GQFMEV YKTOZNEE6HHZMFZFP2KMPOS2
12-01	1737	Ambitious	30 chr EAM for Absolute Pitch GQ2O6W 6NQKQI46YTB27PE2MK6QPL3L
12-01	1747	Ambitious	30 chr EAM ZMN2D TS2HS4FLKISUZ2JT4SA7DZTHJ
12-01	1757	Ambitious	30 chr EAM for Hotrod GQWR3E CK3RUO5VO6L4RFZ7FRXVJOGY
12-01	1800	Ambitious	30 chr EAM ZMN2D TS2HS4FLKISUZ2JT4SA7DZTHJ
12-01	1807	Ambitious	30 chr EAM for Absolute Pitch GQ6NI5 WQLZ2YPAVQXVDV3QF2ACZ56D
12-01	1814	Ambitious	30 chr EAM for Hotrod GQXDXQ QNH6HQV7ZEZGJF2LXWD7TOSJ
12-01	1830	Ambitious	30 chr EAM for Hotrod CQCZQN GPB3NSSDWC4Z6YSOW6RAZ6X
12-01	1833	Ambitious	30 chr EAM ZMN2D TS2HS4FLKISUZ2JT4SA7DZTHJ
12-01	1846	Ambitious	30 chr EAM for Hotrod GQ4WOL 2QRBGIGVEVSJTXUSGBO7XW3M
12-01	1900	Ambitious	30 chr EAM ZMN2D TS2HS4FLKISUZ2JT4SA7DZTHJ
12-01	1916	Ambitious	30 chr EAM for Hotrod GQYYZD P6ISLSISVBL6R7LOIYCO3T7C
12-01	1930	Ambitious	30 chr EAM ZMN2D TS2HS4FLKISUZ2JT4SA7DZTHJ
12-01	2102	Ambitious	30 chr EAM for Woman GQQBC4 4DRITJ42VVNF5UKRHHCHPDMSE
12-01	2158	Ambitious	30 chr EAM for Cotton Gin GQTTSF 45KOK6JWO2ZCYUXEK3F5WK5C
12-01	2210	Ambitious	30 chr EAM ZMG7CG 33BWBU6SVL73ANYWYHBJTQ4R
12-01	2221	Ambitious	30 chr EAM ZM54UV L2EQ4GA7PHQJHMCZ7X6AFI4S
12-01	2230	Ambitious	30 chr EAM ZM54UV L2EQ4GA7PHQJHMCZ7X6AFI4S
12-01	2234	Ambitious	30 chr EAM ZMPGJY 7Q42LUWNKMY4NPDPNTGO4BZN
12-01	2243	Ambitious	30 chr EAM ZMPGJY 7Q42LUWNKMY4NPDPNTGO4BZN
12-01	2246	Ambitious	30 chr EAM ZM54UV L2EQ4GA7PHQJHMCZ7X6AFI4S
12-01	2249	Ambitious	30 chr EAM ZMG7CG 33BWBU6SVL73ANYWYHBJTQ4R
13-01	0000	Ambitious	30 chr EAM ZMPGJY 7Q42LUWNKMY4NPDPNTGO4BZN
13-01	0002	Ambitious	30 chr EAM ZM54UV L2EQ4GA7PHQJHMCZ7X6AFI4S
13-01	0005	Ambitious	30 chr EAM ZMG7CG 33BWBU6SVL73ANYWYHBJTQ4R
13-01	0030	Ambitious	30 chr EAM ZMPGJY 7Q42LUWNKMY4NPDPNTGO4BZN
13-01	0032	Ambitious	30 chr EAM ZM54UV L2EQ4GA7PHQJHMCZ7X6AFI4S
13-01	0035	Ambitious	30 chr EAM ZMG7CG 33BWBU6SVL73ANYWYHBJTQ4R
13-01	0100	Ambitious	30 chr EAM ZMPGJY 7Q42LUWNKMY4NPDPNTGO4BZN
13-01	0103	Ambitious	30 chr EAM ZM54UV L2EQ4GA7PHQJHMCZ7X6AFI4S
13-01	0105	Ambitious	30 chr EAM ZMG7CG 33BWBU6SVL73ANYWYHBJTQ4R
14-01	0602	Ambitious	30 chr EAM GQWPEM VTORVXQV6BKC4EIPGXJIXBJ
14-01	0617	Ambitious	30 chr EAM GQBTKC XHVQMC77UGON4POC7JMLICMC
14-01	0620	Ambitious	30 chr EAM GQ3NBA RJYUWA24XTDM34NH44IXCBJ2
14-01	0622	Ambitious	30 chr EAM GQIIGF CPWYYDRFY4HEA2OYUQVSSPUV
14-01	1623	Ambitious	34 chr EAM 7WHTUA 6NQBHZEGRVY3VDZ6UMCBBJOTRV7R
14-01	1658	Ambitious	30 chr EAM ZMXLWB 4J26ODTVHFB6FV5T32UF3KD2
14-01	1700	Ambitious	30 chr EAM ZMXLWB 4J26ODTVHFB6FV5T32UF3KD2
14-01	1702	Ambitious	34 chr EAM 7WHTUA 6NQBHZEGRVY3VDZ6UMCBBJOTRV7R
14-01	1722	Ambitious	30 chr EAM ZMRFAX AESBEAXEEWNOAG33WYWQPKIS
14-01	1732	Ambitious	30 chr EAM ZMYM5T VG6UJ6CV3LE24PGPF5MUZKS6
14-01	1735	Ambitious	30 chr EAM ZMRFAX AESBEAXEEWNOAG33WYWQPKIS
14-01	1737	Ambitious	34 chr EAM 7WHTUA 6NQBHZEGRVY3VDZ6UMCBBJOTRV7R
14-01	1743	Ambitious	30 chr EAM ZMRFAX AESBEAXEEWNOAG33WYWQPKIS
14-01	1745	Ambitious	34 chr EAM 7WHTUA 6NQBHZEGRVY3VDZ6UMCBBJOTRV7R
14-01	1830	Ambitious	30 chr EAM ZM6TU7 ILAVRUUJPJ6UHUYNVDYUGBCL

14-01	1900	Ambitious	30 chr EAM ZM6TU7 ILAVRUUJJP6UHUYNVVDYUGBCL
14-01	1903	Ambitious	30 chr EAM ZM3RHA 7UIPA24OPKJ4LDWDTXSEK6YJ
14-01	2001	Ambitious	30 chr EAM ZM3RHA 7UIPA24OPKJ4LDWDTXSEK6YJ
14-01	2003	Ambitious	30 chr EAM ZM6TU7 ILAVRUUJJP6UHUYNVVDYUGBCL
14-01	2030	Ambitious	30 chr EAM ZM3RHA 7UIPA24OPKJ4LDWDTXSEK6YJ
14-01	2033	Ambitious	30 chr EAM ZM6TU7 ILAVRUUJJP6UHUYNVVDYUGBCL
14-01	2100	Ambitious	30 chr EAM ZM3RHA 7UIPA24OPKJ4LDWDTXSEK6YJ
14-01	2103	Ambitious	30 chr EAM for ??? 7WB4NW VMCAVDHF3DNSUJNWVHMEZVOX
14-01	2107	Ambitious	30 chr EAM ZM6TU7 ILAVRUUJJP6UHUYNVVDYUGBCL
16-01	0057	Studious	34 chr EAM 7W36CZ KSNLHFHNCUXD2BIFBHS7U7NP5M5D
16-01	0224	Studious	34 chr EAM 7WUUGL TBV7HDFSUVVX6UDWWIW6GSKRTYNA
16-01	0335	Studious	33 chr EAM 7WGRYO SKWTTGOCXFY5DFAS2OQEIEYB43A
16-01	0344	Studious	30 chr EAM 7W5PNT AVHZ5ZJKXFP3Q54H4OHFGKKBZH7GLCRT
16-01	0410	Studious	30 chr EAM ZM7CKH Y63HGKUA4GZRDHND43WN3URQ
16-01	0415	Studious	30 chr EAM ZMNVJT QGUAP3SLMBPWJX5CSOOSI4EA
16-01	0427	Studious	30 chr EAM ZMH52X 2XWZW2SCVKXSQ274A6NEJHFI
16-01	0432	Studious	30 chr EAM ZM63K4 7XELKBWFMUKWERIYDOTFCZM6
16-01	0436	Studious	30 chr EAM ZMH52X 2XWZW2SCVKXSQ274A6NEJHFI
16-01	0439	Studious	30 chr EAM ZMNVJT QGUAP3SLMBPWJX5CSOOSI4EA
16-01	0445	Studious	30 chr EAM ZMGNGY A64IYPFF2NFLUVP5VQB5ECVU
16-01	0447	Studious	30 chr EAM ZM7CKH Y63HGKUA4GZRDHND43WN3URK
16-01	0500	Studious	30 chr EAM ZMGNGY A64IYPFF2NFLUVP5VQB5ECVU
16-01	0503	Studious	30 chr EAM ZM63K4 7XELKBWFMUKWERIYDOTFCZM6
16-01	0506	Studious	30 chr EAM ZMH52X 2XWZW2SCVKXSQ274A6NEJHFI
16-01	0530	Studious	30 chr EAM ZMGNGY A64IYPFF2NFLUVP5VQB5ECVU
16-01	0532	Studious	30 chr EAM ZM63K4 7XELKBWFMUKWERIYDOTFCZM6
16-01	0535	Studious	30 chr EAM ZMH52X 2XWZW2SCVKXSQ274A6NEJHFI
16-01	0600	Studious	30 chr EAM ZMGNGY A64IYPFF2NFLUVP5VQB5ECVU
16-01	0603	Studious	30 chr EAM ZM63K4 7XELKBWFMUKWERIYDOTFCZM6
16-01	0606	Studious	30 chr EAM ZMH52X 2XWZW2SCVKXSQ274A6NEJHFI
16-01	0630	Studious	30 chr EAM ZMGNGY A64IYPFF2NFLUVP5VQB5ECVU
16-01	0633	Studious	30 chr EAM ZM63K4 7XELKBWFMUKWERIYDOTFCZM6
16-01	0636	Studious	30 chr EAM ZMH52X 2XWZW2SCVKXSQ274A6NEJHFI
16-01	0700	Studious	30 chr EAM ZMGNGY A64IYPFF2NFLUVP5VQB5ECVU
16-01	0702	Studious	30 chr EAM ZM63K4 7XELKBWFMUKWERIYDOTFCZM6
16-01	0705	Studious	30 chr EAM ZMH52X 2XWZW2SCVKXSQ274A6NEJHFI
16-01	1654	Studious	114 chr EAM 3R7MM5 EJ2VNTDYYI62OTPHWPI7G36BLHLJIFTROAPD4WZG4DBQYOO3D T6FI6TE63TQS2WSPHCA2D4J2ONUXOF5YH4G532S47NZHEMYYTZCIPGV3RGB
16-01	1732	Studious	30 chr EAM ZMUODR BTK2MMKBIBLGRKC7FFRGNXYJ
16-01	1834	Studious	114 chr EAM 3RHMID K2BBDJRJFC473ZUGL5G7UP3C2FYJOO7L7HIV7C4DLLQWL7WWUQ QAPCVOGFYXZ12BI3KEUKTPXK6IC5AIJQX3U3Q2WGCG36BSHLJIFTXNU7VN4
16-01	1900	Studious	30 chr EAM ZMUODR BTK2MMKBIBLGRKC7FFRGNXYJ
16-01	1930	Studious	30 chr EAM ZMUODR BTK2MMKBIBLGRKC7FFRGNXYJ
16-01	1945	Studious	30 chr EAM ZM4JP3 3I7DEGJ7MI4QAUM32UV4EXYI
16-01	2000	Studious	30 chr EAM ZM4JP3 3I7DEGJ7MI4QAUM32UV4EXYI
16-01	2030	Studious	30 chr EAM ZM4JP3 3I7DEGJ7MI4QAUM32UV4EXYI
16-01	2100	Studious	30 chr EAM ZM4JP3 3I7DEGJ7MI4QAUM32UV4EXYI
17-01	1737	Encourage	56 chr EAM 3RKNHN DTXIJYPZZF3GLBW3OBLPOAPV4WZGGDBQYOXDDHCAAO44VAENZT
18-01	0330	Polliwog	30 chr EAM ZMUQ3G 474QT6KQDQTQH7HTLY7RH76DK
19-01	0223	Fire Opal	30 chr EAM ZMPQRM VQ3J3KXNTFW7FZLC6YATZ4JV
19-01	0234	Fire Opal	30 chr EAM ZMPQRM VQ3J3KXNTFW7FZLC6YATZ4JV
19-01	0300	Fire Opal	30 chr EAM ZMPQRM VQ3J3KXNTFW7FZLC6YATZ4JV
19-01	0330	Fire Opal	51 chr EAM 7W4AZK YRHY5B5C4AUPOXWOPOXPYHAXX5KN3OAHYHKXXRHC37FW
19-01	0339	Fire Opal	30 chr EAM ZMPQRM VQ3J3KXNTFW7FZLC6YATZ4JV
19-01	0400	Fire Opal	30 chr EAM ZMPQRM VQ3J3KXNTFW7FZLC6YATZ4JV
19-01	0430	Fire Opal	30 chr EAM ZMPQRM VQ3J3KXNTFW7FZLC6YATZ4JV
19-01	0500	Fire Opal	30 chr EAM ZMUQ3G 474QT6KQDQTQH7HTLY7RH76DK
19-01	0659	Fire Opal	30 chr EAM 7WF4IK YVMUGCG4ZBDWGX4ZOIYX32HN
19-01	0704	Fire Opal	30 chr EAM ZMBCIJ CXPZN6SC5OAXV5IQ27VG4U2Z
19-01	0713	Fire Opal	30 chr EAM ZMBK2J LERZH3I2Y2KNQCJBJMZNXWKS
19-01	0729	Fire Opal	30 chr EAM ZMBK2J LERZH3I2Y2KNQCJBJMZNXWKS

19-01	0735	Fire Opal	164 chr EAM 3RWRIV GASTG5ZN2N4UQY7ZV5BCDEPTY7OYDCQDBPCCCCCOQSV2D2NJIASB CSEBCAAAAACKDIDAD K4AUT64TGGGMMMMMRKHrgwLYXXKPSLSPWLFFFFCMRAO6Z27J3VIY INSG3333WKYODVQ37AQXJAJA3AIIIS7HB6HGYY
19-01	0746	Fire Opal	30 chr EAM ZMBK2J LERZH3I2Y2KNQCJBJMZNXWKS
19-01	0749	Fire Opal	30 chr EAM ZMBCIJ CXPZN6SC5OAXV5IQ27VG4U2Z
19-01	0800	Fire Opal	30 chr EAM ZMBK2J LERZH3I2Y2KNQCJBJMZNXWKS
19-01	0802	Fire Opal	30 chr EAM ZMBCIJ CXPZN6SC5OAXV5IQ27VG4U2Z
19-01	0900	Fire Opal	30 chr EAM ZMBK2J LERZH3I2Y2KNQCJBJMZNXWKS
19-01	0902	Fire Opal	30 chr EAM ZMBCIJ CXPZN6SC5OAXV5IQ27VG4U2Z
19-01	0930	Fire Opal	30 chr EAM ZMBK2J LERZH3I2Y2KNQCJBJMZNXWKS
19-01	0932	Fire Opal	30 chr EAM ZMBCIJ CXPZN6SC5OAXV5IQ27VG4U2Z
19-01	1303	Fire Opal	30 chr EAM for Coretta? 7WFSGD BMZ7IMC2JEDVYHM3BNRFXQZ7
19-01	1313	Fire Opal	30 chr EAM for Coretta? 7WCUCT IHEFW7Z4SJSHSG4MCIWJ3OXU
19-01	1322	Fire Opal	30 chr EAM for Coretta? 7W34ED TMBDFLAPLFX2YZIARDZXZXK2
19-01	1435	Fire Opal	30 chr EAM ZMXDBB NJ7TJ7LN3DLM4RKB COSCW L2Q
19-01	1437	Fire Opal	30 chr EAM ZM5KLX RKWI3VNUSEH6ZTGM2LJPKIYQ
19-01	1501	Fire Opal	30 chr EAM ZMSWAD Y67PT74CJCIDCGEMUJ6XRZN4
19-01	1530	Fire Opal	30 chr EAM ZMYFPI 3XJ5FAMAECCPXVUZAEE4ZA3W
19-01	1533	Fire Opal	30 chr EAM ZMSWAD Y67PT74CJCIDCGEMUJ6XRZN4
19-01	1553	Fire Opal	30 chr EAM ZMTKDU GBL2F2KKPX7I7SILUFTBUOJL
19-01	1559	Fire Opal	30 chr EAM ZMYWTC 2DSHRZ7XX4SX3JVPTR6VMJ7
19-01	1603	Fire Opal	30 chr EAM ZMMBUJ L7YVYVX7VI2KMNOAIP7Q6XU3
19-01	1646	Fire Opal	30 chr EAM ZMDTTD 3SBXZ2CIOSPYS2PL56TWRGUQ
19-01	1703	Fire Opal	30 chr EAM ZMDTTD 3SBXZ2CIOSPYS2PL56TWRGUQ
19-01	1730	Fire Opal	30 chr EAM ZMDTTD 3SBXZ2CIOSPYS2PL56TWRGUQ
19-01	1748	Fire Opal	30 chr EAM for Shaver, for Semi 7W25M3 P234ZPZKYCRQNMAGLIIVDFQV
19-01	1800	Fire Opal	30 chr EAM for Shaver 7WC3KZ RMHT2RMZRNHFH2P523JTW4QLQ
19-01	1805	Fire Opal	30 chr EAM ZMWBYH ASY2LQ3JNSQCW47DM4YTDQZB
19-01	1807	Fire Opal	30 chr EAM ZMDTTD 3SBXZ2CIOSPYS2PL56TWRGUQ
19-01	1830	Fire Opal	30 chr EAM for Shaver 7W5JRW ONXEEC4UWFZPH4SDHTXYOMCD
19-01	1834	Fire Opal	30 chr EAM ZMWBYH ASY2LQ3JNSQCW47DM4YTDQZB
19-01	1837	Fire Opal	30 chr EAM ZMDTTD 3SBXZ2CIOSPYS2PL56TWRGUQ
19-01	1847	Fire Opal	30 chr EAM for Shaver 7WKIBB BX23WUI2M2D6O6PQYEMFXK3Y
19-01	1900	Fire Opal	30 chr EAM ZMWBYH ASY2LQ3JNSQCW47DM4YTDQZB
19-01	1918	Fire Opal	30 chr EAM for Shaver 7WBVZG U4L2JXH62RWP5NVUGYENH7L6
19-01	1930	Fire Opal	30 chr EAM ZMWBYH ASY2LQ3JNSQCW47DM4YTDQZB
19-01	2000	Fire Opal	30 chr EAM ZMWBYH ASY2LQ3JNSQCW47DM4YTDQZB
19-01	2032	Fire Opal	30 chr EAM for Semi 7WSU7G 2DZFG6L6CNGQQAAXH5UQQWKX
19-01	2110	Fire Opal	30 chr EAM ZMJBWC XAKOCAEGLRBKJJPQ3J6A4SRN
19-01	2115	Fire Opal	30 chr EAM ZMY6QE RCESWJFGEN3VWP5YZURCL3BV
19-01	2120	Fire Opal	30 chr EAM ZMMRRA OHNEOZAOVJR2VE7NWD64TJGI
19-01	2130	Fire Opal	30 chr EAM ZMMRRA OHNEOZAOVJR2VE7NWD64TJGI
19-01	2132	Fire Opal	30 chr EAM ZMY6QE RCESWJFGEN3VWP5YZURCL3BV
19-01	2135	Fire Opal	30 chr EAM ZMJBWC XAKOCAEGLRBKJJPQ3J6A4SRN
19-01	2140	Fire Opal	160 chr EAM 3RJRLD EXS5B6DPJA62VTPHGP IAHQZSBSUMUISIUPPCCCC2L6NBD BEQGLTCF CCZC77774DUBLELOEQLT6PUPE6EEEEKOFN2XRB BRNLTOTHG4SSSSERFAPZXESON2FSZ47D SNEK347H7HZRPXPF55666EST6DL74O
19-01	2258	Fire Opal	30 chr EAM ZMF6PP FQMF4LMYHSTD CXK3LNLBWXIR
19-01	2301	Fire Opal	30 chr EAM ZMF6PP FQMF4LMYHSTD CXK3LNLBWXIR
20-01	0103	Sunspot	30 chr EAM ZM6UZR CPB7PW423SN6H4ACK7GNBIRQ
20-01	0624	Sunspot	30 chr EAM 7WWAF4 SVTNBQTTUISBYNDL2R5SFKVO
20-01	0636	Sunspot	39 chr EAM 7WIZ7W PYCIJIZYK3CZWS DHZWSTYGYZBA0V3XE7Z
20-01	0718	Sunspot	56 chr EAM 7WDA7M USALSCJP54OXX3FHXX3EHXX34CU4J53D65NJT SU4C53NL4Z2TL
20-01	0723	Sunspot	34 chr EAM TW3CO7 J45RR257ZBN5GYXC6TEGBQHW3ZVM
20-01	1640	Sunspot	34 chr EAM 7WVUTA VO324WN74ELLBWEUZ5MBBY2ZQVRP
20-01	1707	Sunspot	38 chr EAM 7WSSTP POTIURBY2TU3NTBB2TA3KI5IY4DS4OIE
20-01	1747	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
20-01	1806	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
20-01	1833	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
20-01	1847	Sunspot	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
20-01	1900	Sunspot	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
20-01	1903	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4

20-01	1930	Sunspot	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
20-01	1933	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
20-01	2000	Sunspot	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
20-01	2002	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
20-01	2030	Sunspot	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
20-01	2032	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
20-01	2100	Sunspot	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
20-01	2103	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
20-01	2130	Sunspot	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
20-01	2132	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
20-01	2200	Sunspot	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
20-01	2202	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
20-01	2247	Sunspot	30 chr EAM ZMO3C2 NRVKOKQGJ77R4MCHHZTWVJHX
20-01	2300	Sunspot	30 chr EAM ZMO3C2 NRVKOKQGJ77R4MCHHZTWVJHX
20-01	2302	Sunspot	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
20-01	2304	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
20-01	2330	Sunspot	30 chr EAM ZMO3C2 NRVKOKQGJ77R4MCHHZTWVJHX
20-01	2333	Sunspot	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
20-01	2335	Sunspot	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
21-01	0006	Sunspot	30 chr EAM ZMO3C2 NRVKOKQGJ77R4MCHHZTWVJHX
21-01	0015	Resection	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
21-01	0017	Resection	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
21-01	0030	Resection	30 chr EAM ZMO3C2 NRVKOKQGJ77R4MCHHZTWVJHX
21-01	0032	Resection	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
21-01	0034	Resection	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
21-01	0103	Resection	30 chr EAM ZMO3C2 NRVKOKQGJ77R4MCHHZTWVJHX
21-01	0105	Resection	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
21-01	0107	Resection	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
21-01	0131	Resection	30 chr EAM ZMO3C2 NRVKOKQGJ77R4MCHHZTWVJHX
21-01	0133	Resection	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
21-01	0135	Resection	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
21-01	0200	Resection	30 chr EAM ZMO3C2 NRVKOKQGJ77R4MCHHZTWVJHX
21-01	0202	Resection	30 chr EAM ZM5MCX UZWGYZRRXJW5NRQIMXQ7K4PY
21-01	0204	Resection	30 chr EAM ZMPK3Y D67JP3QPUGG563IDOUUWI7J4
21-01	0232	Resection	30 chr EAM 7WFRPR 36PLZWYLUD25OTDZMRNMWNFA
21-01	0302	Resection	30 chr EAM 7WQ4JI QKU2347XVPVFSMLIDAMOEQD3
21-01	0503	Resection	29 chr EAM 7WPMKJ XYXQE3FTKV27YHHCPF7TQ7
21-01	0647	Resection	30 chr EAM ZM7W2F S6ZKS7ZDBGJ7YDIHU76LPYBT
21-01	0650	Resection	30 chr EAM ZMQOCF ZESFMZ2XXWBLG6FD3P7YR6XH
21-01	1251	Resection	30 chr EAM ZMXO2X VCVWYGQIOOV3N2VPGZFLMJ2I
21-01	1305	Resection	30 chr EAM ZMXO2X VCVWYGQIOOV3N2VPGZFLMJ2I
21-01	1344	Resection	30 chr EAM 7W27KU 7T5Z3RYNASWE74N76ZH2LAK7
21-01	1355	Resection	30 chr EAM ZMLVBG 6LF3E5CN643U4CJS53BVIZH6
21-01	1404	Resection	30 chr EAM ZMLVBG 6LF3E5CN643U4CJS53BVIZH6
21-01	1406	Resection	30 chr EAM ZMXO2X VCVWYGQIOOV3N2VPGZFLMJ2I
21-01	1430	Resection	30 chr EAM ZMLVBG 6LF3E5CN643U4CJS53BVIZH6
21-01	1433	Resection	30 chr EAM ZMXO2X VCVWYGQIOOV3N2VPGZFLMJ2I
21-01	1500	Resection	30 chr EAM ZMLVBG 6LF3E5CN643U4CJS53BVIZH6
21-01	1530	Resection	30 chr EAM ZMLVBG 6LF3E5CN643U4CJS53BVIZH6
21-01	1735	Resection	30 chr EAM ZM5FGQ KGPVS74CSVJ5W23RGOJACXO5
21-01	1801	Resection	30 chr EAM ZM5FGQ KGPVS74CSVJ5W23RGOJACXO5
21-01	1830	Resection	30 chr EAM ZM5FGQ KGPVS74CSVJ5W23RGOJACXO5
21-01	1834	Resection	30 chr EAM ZM67WF OGMGP7Z4DTVRC5YYGVCR3VTG
21-01	1845	Resection	30 chr EAM ZMCWGG 7RKB3PX775Z75STH5DUDWBNX
21-01	2132	Resection	30 chr EAM ZMKT7B KD2XREOSH76WXKNRP3TIBG4Q
21-01	2200	Resection	30 chr EAM ZMKT7B KD2XREOSH76WXKNRP3TIBG4Q
21-01	2230	Resection	30 chr EAM ZMKT7B KD2XREOSH76WXKNRP3TIBG4Q
21-01	2305	Resection	30 chr EAM ZMKT7B KD2XREOSH76WXKNRP3TIBG4Q
21-01	2330	Resection	30 chr EAM ZMKT7B KD2XREOSH76WXKNRP3TIBG4Q
21-01	2346	Resection	30 chr EAM ZMJWEO ZQCYQVP5XXG46FQMRES3HLPC
21-01	2348	Resection	30 chr EAM ZMDCV2 6OL4AHD22G3SKVDFESY6TRMP
22-01	0000	Beatrice	30 chr EAM ZMDCV2 6OL4AHD22G3SKVDFESY6TRMP

22-01	0003	Beatrice	30 chr EAM ZMLO3I BQE4THHZKNHFWC7RFVFEKWVH
22-01	2100	Beatrice	30 chr EAM ZMDLZQ KCVU5ADJOFWTTTCYDPO2NHLDE
22-01	2217	Beatrice	30 chr EAM for Fake-28 7WDQIC 2VCWRSF4AFX6JYYMFW7F2OM7
22-01	2227	Beatrice	30 chr EAM ZMMCNP CSEIGBK7XOF7M6QDXV7QKYNN
22-01	2230	Beatrice	30 chr EAM ZMHQQL Z2N7CHD6FVQ3KMWABTAHJ3T7
22-01	2232	Beatrice	30 chr EAM ZMHQQL Z2N7CHD6FVQ3KMWABTAHJ3T7
22-01	2235	Beatrice	30 chr EAM ZMMCNP CSEIGBK7XOF7M6QDXV7QKYNN
22-01	2238	Beatrice	30 chr EAM ZMWTEA DOT3DLVRYX4O7Z5FPIC62LZI
22-01	2246	Beatrice	30 chr EAM ZMV7O4 MPBJG7WKUVYCBWP73G4HT5VD
22-01	2301	Beatrice	30 chr EAM ZMV7O4 MPBJG7WKUVYCBWP73G4HT5VD
22-01	2331	Beatrice	30 chr EAM ZMV7O4 MPBJG7WKUVYCBWP73G4HT5VD
23-01	0000	Two Timer	30 chr EAM ZMV7O4 MPBJG7WKUVYCBWP73G4HT5VD
23-01	0030	Two Timer	30 chr EAM ZMV7O4 MPBJG7WKUVYCBWP73G4HT5VD
23-01	0755	Two Timer	30 chr EAM ZMCID7 ZIOJPKAGPUKYRNMJQ5YSCZU3
23-01	0800	Two Timer	30 chr EAM ZMCID7 ZIOJPKAGPUKYRNMJQ5YSCZU3
23-01	1632	Two Timer	30 chr EAM ZMEZ50 FIYCJ33HDDXSG36UWICIM6D3
23-01	1701	Two Timer	30 chr EAM ZMEZ50 FIYCJ33HDDXSG36UWICIM6D3
23-01	1735	Two Timer	30 chr EAM ZMEZ50 FIYCJ33HDDXSG36UWICIM6D3
23-01	1745	Two Timer	30 chr EAM ZM7IWZ VO2QCQMT7IWCDA6XTUP7EKG
23-01	1800	Two Timer	30 chr EAM ZM7IWZ VO2QCQMT7IWCDA6XTUP7EKG
23-01	1803	Two Timer	30 chr EAM ZMEZ50 FIYCJ33HDDXSG36UWICIM6D3
23-01	1818	Two Timer	30 chr EAM for ???-34 7W5NCX ZBA224FABNFTWKK6L5IBKUBQ
23-01	1829	Two Timer	30 chr EAM ZM7IWZ VO2QCQMT7IWCDA6XTUP7EKG
23-01	1832	Two Timer	30 chr EAM ZMEZ50 FIYCJ33HDDXSG36UWICIM6D3
23-01	1846	Two Timer	30 chr EAM ZM6BA3 3GKYG3HH7KJT67NBPXNE57B2
23-01	1859	Two Timer	30 chr EAM ZM6BA3 3GKYG3HH7KJT67NBPXNE57B2
23-01	1902	Two Timer	30 chr EAM ZM7IWZ VO2QCQMT7IWCDA6XTUP7EKG
23-01	1929	Two Timer	30 chr EAM ZM6BA3 3GKYG3HH7KJT67NBPXNE57B2
23-01	1932	Two Timer	30 chr EAM ZM7IWZ VO2QCQMT7IWCDA6XTUP7EKG
23-01	2000	Two Timer	30 chr EAM ZM6BA3 3GKYG3HH7KJT67NBPXNE57B2
23-01	2002	Two Timer	30 chr EAM ZM6BA3 3GKYG3HH7KJT67NBPXNE57B2
23-01	2032	Two Timer	30 chr EAM ZM6BA3 3GKYG3HH7KJT67NBPXNE57B2
24-01	0110	Crossfire	30 chr EAM ZMCNRU RSRCXA5LPKOV7YRHER72TV6S
24-01	0130	Crossfire	30 chr EAM ZMCNRU RSRCXA5LPKOV7YRHER72TV6S
24-01	0146	Crossfire	30 chr EAM ZMDQU2 77N42YUWXWBK54ZWGYIJDAXF
24-01	0158	Crossfire	30 chr EAM ZMDQU2 77N42YUWXWBK54ZWGYIJDAXF
24-01	0201	Crossfire	30 chr EAM ZMCNRU RSRCXA5LPKOV7Y3HER72TV6S
24-01	0229	Crossfire	30 chr EAM ZMDQU2 77N42YUWXWBK54ZWGYIJDAXF
24-01	0231	Crossfire	30 chr EAM ZMCNRU RSRCXA5LPKOV7Y3HER72TV6S
24-01	0300	Crossfire	30 chr EAM ZMDQU2 77N42YUWXWBK54ZWGYIJDAXF
24-01	0302	Crossfire	30 chr EAM ZMCNRU RSRCXA5LPKOV7Y3HER72TV6S
24-01	0330	Crossfire	30 chr EAM ZMDQU2 77N42YUWXWBK54ZWGYIJDAXF
24-01	1612	Crossfire	30 chr EAM for ? 7WL6WV BZFYMU5DTWFKMQ6LQRJQGZAU
24-01	1643	Crossfire	34 chr EAM 7WPLPK ENKHMZMJ4DJYVAGV3SCAEANVETLD
25-01	1917	Bad Alibi	30 chr EAM ZMXJAX LJCC4NDRAJJPIRKJ7N64YBVK
25-01	1933	Bad Alibi	30 chr EAM ZMXJAX LJCC4NDRAJJPIRKJ7N64YBVK
25-01	2000	Bad Alibi	30 chr EAM ZMXJAX LJCC4NDRAJJPIRKJ7N64YBVK
25-01	2030	Bad Alibi	30 chr EAM ZMXJAX LJCC4NDRAJJPIRKJ7N64YBVK
25-01	2100	Bad Alibi	30 chr EAM ZMXJAX LJCC4NDRAJJPIRKJ7N64YBVK
26-01	1523	Nicholson	30 chr EAM for Jitter, for Human 7WQDXI FC5KHZ2IBPWMPD7FUYHDBPXG
26-01	1543	Nicholson	30 chr EAM for Jitter, for Human TWTTE2 EHHEXASNEHJSBZTOMHH3KHPD
26-01	1603	Nicholson	30 chr EAM for Human 7W4LYD 2XLMOJY5F7IYKBLQOXG5M5X5
26-01	1623	Nicholson	30 chr EAM for Human 7WVEWA XZ3MKA EK2BGEK5KBHMDW4LFX
26-01	1717	Nicholson	30 chr EAM for Chair, for Helm 7WB6RS 552UYUAF2Y2DCH4GUZSUEQSE
26-01	1727	Nicholson	30 chr EAM for Chair 7WLLGZ ZBEE3TD5ILURON6D6NOHJHV
26-01	1753	Nicholson	30 chr EAM for Jitter 7WQMKA MCPKP3ZYWUQQWOHZUPL26SF
26-01	2332	Nicholson	30 chr EAM ZMBPUP TM37FC62NMITQ6MNXIPKVIDW
27-01	0000	Dart Gun	30 chr EAM ZMBPUP TM37FC62NMITQ6MNXIPKVIDW
27-01	0029	Dart Gun	30 chr EAM ZMBPUP TM37FC62NMITQ6MNXIPKVIDW
27-01	0100	Dart Gun	30 chr EAM ZMBPUP TM37FC62NMITQ6MNXIPKVIDW
27-01	0130	Dart Gun	30 chr EAM ZMBPUP TM37FC62NMITQ6MNXIPKVIDW
27-01	0203	Dart Gun	30 chr EAM ZMBPUP TM37FC62NMITQ6MNXIPKVIDW

27-01	0614	Dart Gun	30 chr EAM ZM4FZI IP7ED73AHR46UFDROCC26KP3
27-01	0616	Dart Gun	30 chr EAM ZM75ZS RK6EEKHA4WCYKHLOI3QABMLS
27-01	0629	Dart Gun	30 chr EAM ZMTIUUV H3FKH4H4JN2K4IK3PC6D45SG
27-01	0633	Dart Gun	30 chr EAM ZMTIUUV H3FKH4H4JN2K4IK3PC6D45SG
27-01	0635	Dart Gun	30 chr EAM ZM75ZS RK6EEKHA4WCYKHLOI3QABMLS
27-01	0637	Dart Gun	30 chr EAM ZM4FZI IP7ED73AHR46UFDROCC26KP3
27-01	1617	Dart Gun	39 chr EAM 7WI4VR KH4TJW42IXUKGSFRKGBFMPAGVROWBAYZ4
27-01	1636	Dart Gun	30 chr EAM 7WQIK6 R5PH3KORSJ7EU53FUITB3U4M
27-01	1642	Dart Gun	30 chr EAM ZMUVHE VFXPS4JLIETOO64E6X6IXDLW
28-01	0700	Game Time	30 chr EAM ZMZE04 PQPT34OFTRCNIPKQZ4RH6PW3
28-01	0711	Game Time	30 chr EAM ZMIRNQ RJVBANLU27BF2IHYDAEIC3OK
28-01	0730	Game Time	30 chr EAM ZMIRNQ RJVBANLU27BF2IHYDAEIC3OK
28-01	0732	Game Time	30 chr EAM ZMZE04 PQPT34OFTRCNIPKQZ4RH6PW3
28-01	0735	Game Time	30 chr EAM ZMAWDU KJLZUYYSCEODGDW4PD6XTWKC
28-01	0740	Game Time	30 chr EAM ZMRAXS KZV7COCH5JCILHVF2GRXSFTC
28-01	0742	Game Time	30 chr EAM ZMONIF TQHW6VJUDIHC5ZCNHWHPL6VI
28-01	1543	Game Time	30 chr EAM for Diplo-37 7WTK44 YWW6EOPFBCPXJVSYDMIXTAZH
28-01	1546	Game Time	30 chr EAM ZMINMT QFC2HOQ4HFDK5MCLYE63K2XD
28-01	1612	Game Time	30 chr EAM ZMWWPW ORG3YBCGV7YN5TMGY5G5IH3X
28-01	1830	Game Time	30 chr EAM ZMOLDD 5I2SYGTJRNLLFBM4ZPVHIDJ
28-01	1900	Game Time	30 chr EAM ZMOLDD 5I2SYGTJRNLLFBM4ZPVHIDJ
28-01	1930	Game Time	30 chr EAM ZMOLDD 5I2SYGTJRNLLFBM4ZPVHIDJ
28-01	2000	Game Time	30 chr EAM ZMOLDD 5I2SYGTJRNLLFBM4ZPVHIDJ
28-01	2046	Game Time	30 chr EAM ZMMNO6 W6E4CKGP4FMOG2ZASHDFNCUS
28-01	2100	Game Time	30 chr EAM ZMMNO6 W6E4CKGP4FMOG2ZASHDFNCUS
28-01	2130	Game Time	30 chr EAM ZMMNO6 W6E4CKGP4FMOG2ZASHDFNCUS
28-01	2200	Game Time	30 chr EAM ZMMNO6 W6E4CKGP4FMOG2ZASHDFNCUS
28-01	2230	Game Time	30 chr EAM ZMMNO6 W6E4CKGP4FMOG2ZASHDFNCUS
29-01	0235	Syllabus	53 chr EAM 7W2CP2 CD4FG7EPQFJS7K73JB636P2ETPQ7NGYOB6VV72VJOQ7GQYA
29-01	0253	Syllabus	30 chr EAM 7WUEFA AMSBJZOHMCZQ2V5CSAPX46XP
29-01	0300	Syllabus	30 chr EAM 7WPGOE 2I7V6UQQ2NFWGII2W3SPM76E
29-01	0309	Syllabus	30 chr EAM ZMPNUB AOEG2TNEIUSDPWCQR7ARH6LS
29-01	0312	Syllabus	30 chr EAM ZMNDQF UGVVQ4EJPFRYJ4YKVTN2YAVK
29-01	0330	Syllabus	30 chr EAM ZMNDQF UGVVQ4EJPFRYJ4YKVTN2YAVK
29-01	0332	Syllabus	30 chr EAM ZMPNUB AOEG2TNEIUSDPWCQR7ARH6LS
29-01	0400	Syllabus	30 chr EAM ZMNDQF UGVVQ4EJPFRYJ4YKVTN2YAVK
29-01	0402	Syllabus	30 chr EAM ZMPNUB AOEG2TNEIUSDPWCQR7ARH6LS
29-01	0430	Syllabus	30 chr EAM ZMNDQF UGVVQ4EJPFRYJ4YKVTN2YAVK
29-01	0433	Syllabus	30 chr EAM ZMPNUB AOEG2TNEIUSDPWCQR7ARH6LS
29-01	0443	Syllabus	30 chr EAM ZMJS05 2BHRMR7ROODRZ23WGP43JC3N
29-01	0448	Syllabus	30 chr EAM ZM6VWG LW56WWRDDQJCR3OFBDPK52QD
29-01	0453	Syllabus	30 chr EAM ZMNSIL YHM7LBKOFZVZMBUUNWBU2ZHQ
29-01	0500	Syllabus	30 chr EAM ZMNSIL YHM7LBKOFZVZMBUUNWBU2ZHQ
29-01	0502	Syllabus	30 chr EAM ZM6VWG LW56WWRDDQJCR3OFBDPK52QD
29-01	0506	Syllabus	30 chr EAM ZMJS05 2BHRMR7ROODRZ23WGP43JC3N
29-01	0625	Syllabus	30 chr EAM B4UT3I KTXSXRIS4SGKPNZ6DN3Y2AVL
29-01	1827	Syllabus	30 chr EAM B4F5QO JLGJJKDP75IC4CGBETCHSOR7
29-01	1830	Syllabus	30 chr EAM B4F5QO JLGJJKDP75IC4CGBETCHSOR7
29-01	1900	Syllabus	30 chr EAM B4F5QO JLGJJKDP75IC4CGBETCHSOR7
29-01	1930	Syllabus	30 chr EAM B4F5QO JLGJJKDP75IC4CGBETCHSOR7
29-01	2000	Syllabus	30 chr EAM B4F5QO JLGJJKDP75IC4CGBETCHSOR7
29-01	2030	Syllabus	30 chr EAM B4F5QO JLGJJKDP75IC4CGBETCHSOR7
29-01	2100	Syllabus	30 chr EAM B4F5QO JLGJJKDP75IC4CGBETCHSOR7
29-01	2132	Syllabus	30 chr EAM B4F5QO JLGJJKDP75IC4CGBETCHSOR7
29-01	2200	Syllabus	30 chr EAM B4F5QO JLGJJKDP75IC4CGBETCHSOR7
29-01	2230	Syllabus	30 chr EAM B4F5QO JLGJJKDP75IC4CGBETCHSOR7
30-01	1617	Outspoken	30 chr EAM B4EZJT J277HKPW6S5ZA2CCCCAG6PYI
30-01	1657	Outspoken	30 chr EAM B4EZJT J277HKPW6S5ZA2CCCCAG6PYI
30-01	1729	Outspoken	30 chr EAM B4EZJT J277HKPW6S5ZA2CCCCAG6PYI
30-01	1800	Outspoken	30 chr EAM B4EZJT J277HKPW6S5ZA2CCCCAG6PYI
30-01	1817	Outspoken	30 chr EAM for Melba-76 7W5YA5 V6R2D67SDT7ZEKAZ73DCSM2B
30-01	1830	Outspoken	30 chr EAM B4EZJT J277HKPW6S5ZA2CCCCAG6PYI

30-01	1847	Outspoken	30 chr EAM B46UDI Z6YS2QYH6LIKMT4IW6VQBW2G
30-01	1900	Outspoken	30 chr EAM B46UDI Z6YS2QYH6LIKMT4IW6VQBW2G
30-01	1902	Outspoken	30 chr EAM B4EZJT J277HKPW6S5ZA2CCCCAG6PYI
30-01	1930	Outspoken	30 chr EAM B46UDI Z6YS2QYH6LIKMT4IW6VQBW2G
30-01	1932	Outspoken	30 chr EAM B4EZJT J277HKPW6S5ZA2CCCCAG6PYI
30-01	2000	Outspoken	30 chr EAM B46UDI Z6YS2QYH6LIKMT4IW6VQBW2G
30-01	2002	Outspoken	30 chr EAM B4EZJT J277HKPW6S5ZA2CCCCAG6PYI
30-01	2030	Outspoken	30 chr EAM B46UDI Z6YS2QYH6LIKMT4IW6VQBW2G
30-01	2032	Outspoken	30 chr EAM B4EZJT J277HKPW6S5ZA2CCCCAG6PYI
30-01	2100	Outspoken	30 chr EAM B46UDI Z6YS2QYH6LIKMT4IW6VQBW2G
30-01	2102	Outspoken	30 chr EAM B4EZJT J277HKPW6S5ZA2CCCCAG6PYI
31-01	0526	Outnumber	30 chr EAM B4P2AI HOGQGIUB2NNHTLDROKRNOM4Q
31-01	0537	Outnumber	30 chr EAM B4P2AI HOGQGIUB2NNHTLDROKRNOM4Q
31-01	0540	Outnumber	30 chr EAM B456QP N4HPVPTPHOZF4MELV4WEMQKC
31-01	0552	Outnumber	30 chr EAM B4CWWV ETI42CHRITDHHZU35QSKRUIY
31-01	0606	Outnumber	30 chr EAM B4QIWC 5G57X2P2VQV5FJX4H6TR543Q
31-01	0610	Outnumber	30 chr EAM B4HAOI CFAWVAOA4CVE6DT6HVPR7GSZ

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, JPL, F5JBR, Cic, EB-D

Strategic messages

4156 kHz, 10-01, 1307 UTC XXX 2S2U 54915 LESNICHIJ 2083 K
 8114 kHz, 19-01, 0737 UTC XXX XXX XHOP XHOP 02935 MALXM 6177 8787 LAVOLESS 5974 5261 K
 8114 kHz, 19-01, 0741 UTC XXX XXX H7Q6 H7Q6 AY9X AY9X 97659 93667 97781 AIROHLOR 3837 4400 UVA.OGRAC 8886 8365
 8114 kHz, 19-01, 0743 UTC XXX XXX H7Q6 H7Q6 AY9X AY9X 97659 93667 97781 AIROHLOR 3837 4400 UVASOGRAC 8886 8365 K
 8114 kHz, 19-01, 0746 UTC XXX XXX 24YO 24YO 32359 NORDOPUTO 8241 5658
 8114 kHz, 19-01, 0747 UTC XXX XXX 24YO 24YO 32359 NORDOPUTO 8241 5658 K
 5755 kHz, 19-01, 0807 UTC i.p. 16 TAMPANSKIJ 3298 2875 K
 5755 kHz, 19-01, 0814 UTC XXX XXX ASYP ASYP 48365 STANNIN 4474 9398
 5755 kHz, 19-01, 0815 UTC XXX XXX ASYP ASYP 48365 STANNIN 4474 9398 K
 18.1 19-01-2022 1027 UTC RDL: XXX XXX RDL RDL 22862 29708 MARGANEC 8550 1180 K
 18.1 19-01-2022 1032 UTC RDL: XXX XXX RDL RDL 02273 95467 WOZOWOSK 0062 3395 K
 18.1 19-01-2022 1037 UTC RDL: XXX XXX RDL RDL 44902 22706 WYCHISLIMYY 8210 4604 K
 18.1 19-01-2022 1048 UTC RDL: XXX XXX XHOP XHOP 60403 87259 KRZZOBREH 2036 3142
 18.1 19-01-2022 1052 UTC RDL: XXX XXX RDL RDL 97568 60111 MESSIDOR 8138 7986
 18.1 19-01-2022 1055 UTC RDL: XXX XXX RDL RDL 78678 31729 SNOSOVREC 0294 3234

Monolith stations

Channel markers

4625 kHz, 06-01, 1407 UTC Buzzer
 3510 kHz, 06-01, 1413 UTC Air Horn
 4770 kHz, 06-01, 1418 UTC Alarm
 3243 kHz, 06-01, 1423 UTC Goose
 3756 kHz, 06-01, 1417 UTC Pip
 4625 kHz, 09-01, 1628 UTC New channel marker: buzzing pip
 4182 kHz, 12-01, 2024 UTC Dash
 4625 kHz, 14-01, 1415 UTC New channel marker: buzzing pip
 4625 kHz, 14-01, 0900 UTC New channel marker: buzzing pip
 4625 kHz, 16-01, 0605 UTC New channel marker: buzzing pip
 4310 kHz, 18-01, 0713 UTC Goose
 3828 kHz, 23-01, 1425 UTC Squeaky Wheel
 5448 kHz, 25-01, 0545 UTC Pip
 3808 kHz, 25-01, 2330 UTC Squeaky Wheel off frequency
 5473 kHz, 25-01, 0610 UTC Squeaky Wheel

Jamming the buzzer.

Several pirate stations are jamming the buzzer almost daily.

4625 kHz, 15-01, 1845 UTC, MFSK-128L.

Mostly unreadable but some parts were good enough to decode. The MFSK part was followed by several other modes, unknown to me.

2т930б - купить в роздѣтсицу и оптом Узнать больше chipdip.ru РЕКЛАМА

(translation: 2t930b - buy at retail and wholesale To learn more chipdip.ru ADVERTISING)

Новинка AliExpress

(translation: New AliExpress)

мыло из Смоленска. Теперь переезжают в другое место. Маленькая радио ???? ия на базе

Україна

(translation: soap from Smolensk. Now they are moving to another place. Small radio ???? based in Ukraine)

4625 kHz, 30-01, 2120 UTC.

Waterfall text followed by pop music (see picture). No buzzer heard.

Waterfall text: УВБ-76 - бухта свободных волн (UVB-76 - Bay of Free Waves)

Free Waves Bay is a pirate station which is regularly heard on 3940 kHz and 1575 kHz with programs in Russian.



Southern District

3243 kHz, 17-01, 1700 UTC Vozdukh Okhvat-98 Okhvat-98 78544 MOZG 7314 5280 (Goose)

Voice transmissions

Russian Military voice traffic

Znamya transmits on Monday-Thursday and sometimes on Friday.

No transmissions between 1 and 9 January (Russian holiday)

10-01, 1413 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7257. 16 chasov 15 minut konec svyazi
11-01, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4124. 16 chasov 14 minut konec svyazi
12-01, 1412 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3839. 16 chasov 14 minut konec svyazi
13-01	not monitored
14-01, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3454. 16 chasov 13 minut konec svyazi
17-01, 1414 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 8693. 16 chasov 15 minut konec svyazi
18-01, 1413 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2167. 16 chasov 15 minut konec svyazi
19-01, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3159. 16 chasov 14 minut konec svyazi
20-01, 1412 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4418. 16 chasov 14 minut konec svyazi
21-01, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9847. 16 chasov 14 minut konec svyazi
24-01, 1413 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2879. 16 chasov 15 minut konec svyazi
25-01, 1413 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9673. 16 chasov 14 minut konec svyazi
26-01, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 5146. 16 chasov 14 minut konec svyazi
27-01, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 6593. 16 chasov 14 minut konec svyazi
28-01	No transmission
31-01	No transmission

Russian Air Defense voice traffic

2550 kHz, 09-01, 1711 UTC Russian Air Defence tracking net

Morse transmissions

Russian Military morse traffic

8002 kHz, 18-01, 0037 UTC, i.p.

88997 71161 94599 86184 89023 53885 10522 17307 34764 18028 K
.CUL DE 8SQO QTC K
8SQO 341 30 18 0330 341 =
200 =
PPPPP KMCIR LGHVB HAZUF ZDUZW ...

3364 kHz, 18-01, 1547 UTC, i.p.

80005 53615 48701 42894 21661 95214 61742 00732 91368 81384
97075 05053 27632 60718 83179 99862 65342 69366 42708 22093
68383 39043 76962 46609 96949 17329 92552 68344 18030 877 K (1547z)

5376 kHz, 18-01, 1809 UTC, i.p.

3BIN DE MNET QTC 053 45 18 2102 053 =
ZKP 195 =
BYGUQ ICNIW LELAM OQOEZ LELAM OQOEZ ...

7757 kHz, 23-01, 1117 UTC, i.p.

SVZ2 296 25 23 1410 296 =
818 =
UKYUF SWAHA XWLQX OMJHU DAWOC FPMGJ AACJW ...

4666 kHz, 31-01, 1045 UTC, i.p.

9PCQ DE 7U9A QTC 595 33 31 1635 595 =
544 =
11111 28792 34001 68709 201246 ...
544
QTC 503 33 31 1640 503 =
544 BT
AAAAA BWCFL KCQAJ UULMT ...

Russian Navy morse traffic

5166 kHz, 13-01, 1630 UTC

RHL80 DE RIW QTC K
RIW 447 45 13 1214 347 = FM RAA =
11727 65642 46024 76724 74463 07955 93108 52396 97099 70152 30299 40411 03842 10252 24422 50368 10963 76048 52670
07903 82483 55224 11397 30446 84308 13112 88496 34474 07177 14504 55333 63793 62953 64733 60052 54757 58634 04654
60569 32449 30598 70797 37446 13043 =
RPT AL AR RIW K
RIW RPT 70152 30299 55333 K
11727 65642 46024 76724 74463 07955 93108 52396 97099 70152 30299 40411 03842 10252 24422 50368 10963 76048 52670
07903 82483 55224 11397 30446 84308 13112 88496 34474 07177 14504 55333 63793 62953 64733 60052 54757 58634 04654
60569 32449 30598 70797 37446 13043 K
RIW RPT PBL K
RHL80 RPT K
RIW RPT BPL K
RHL80 RPT 347 45 13 1212 347 K
RIW COR PBL 347
45 13 1214 347 K
RHL80 347 45 13 1214 347 K
RIW CK

10332 kHz, 14-01, 1119 UTC

RIW DE RAL59 QYT4 NO K (repeated)
RIW DE RAL59 K
RAL59 SK

3568 kHz, 20-01, 0722 UTC. RHI86: Russian Navy Caspian Sea

For RJD52 RJD88 =
20181 99447 10477 41/97 53204 11010 4//// 5//// 22200 20009 = AR RHI86 K
RJD52 R988 K
RHI86 OK QRU K
RJD52 QTC K
RHI86 ARV K
RJD52 534 18 20 2108 543 =
33520 72257 31457 33227 35949 41370 97889 49096 14024 34200
9.987 67349 35046 57886 86005 90019 3154, 20017 = AR RJD52 K
RHI86 NR 543 RPT PBL K
RJD52 RPT 534 18 20 2108 543 K
RHI86 R 543 K

5916 kHz, 30-01, 1014 UTC. RCV: Russian Navy Sevastopol (Crimea),

RIC87 RIC87 RIC87 DE RCV RCV QTC
216 49 30 0940
216 -
PRIP TAGANROG 15KR II II
TAGANROG 15KN RTA 32121
AZOWSKOE MORE UChENIYa WMS
STREL'BY RAKETNYE I ARTILLERIJSKIE
01 PO 28 FEW 0500 DO 1700
EZhedNEWNO KROME WOSKRESENIJ
PLAWANIE WREMENNO OPASNO RAJONE
45/48/6 S 036/55/7 W
45/38/6 S 037/10/0 W
45/27/0 S 037/10/0 W
45/32/4 S 036/55/7 W
OTM ÄTOT NR 281800 FEV+

(Translation)

RIC87 this is RCV
Coastal Warning Taganrog
Azov Sea - Navy Training
Rocket and artillery fire from 01 to 28 February, time 05:00 to 17:00
Daily except Sundays
Navigation temporarily hazardous within the following region:
45°48.6' N 36°55.7' E
45°38.6' N 37°10.0' E
45°27.0' N 37°10.0' E
45°32.4' N 36°55.7' E
Cancel this message 28 February 18:00

WMS = Woenno-Morskije sily = Military Maritime Forces = Navy

PRIP = Priberezhnoe preduprezhdenia = Coastal warning

The coordinates are in the Azov Sea, just a bit northeast of the bridge between Krasnodar region and Crimea.

21438 kHz, 29-01, 0858 UTC

RIP90 DE RCV QTC 391 39 27 1338 391 =
NAWIP 033 KARTA 34208 ZALIW AKROTIRI STRELXBY ARTILLERIJSKIE
31 YaNV 0600 DO 0900 PLAVANIYe OPASNO RAYONE
34/33S 033/12V
34/33S 033/19V
34/27S 033/19V
34/27S 033/12V
OTM YaTOT NR 31 1000 YaNZ =

12610 kHz, 20-01, 1420 UTC, T600

Sync 1eb41eb2952

Session key: 68 52 68 0d 4a 2a 61 4c 1c 26 62 34 25 68 46 32 4c 0e 4a 38 0d 31 68 64 31 64

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

12610 kHz, 20-01, 1425 UTC, T600

Sync 1eb41eb2952

Session key: 4c 61 2c 1c 23 51 0e 16 4a 68 15 54 2a 43 1c 26 0e 13 31 64 31 32 16 1c 32

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

12610 kHz, 20-01, 1427 UTC, T600

Sync 1eb41eb2952

Session key: 1c 0e 43 38 0d 0b 4c 0d 2c 52 51 31 23 23 1c 52 34 52 07 07 58 2c 0e 38 62

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

12610 kHz, 20-01, 1429 UTC, T600

Sync 1eb41eb2952

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

12610 kHz, 20-01, 1430 UTC, T600

Sync 1eb41eb2952

Session key: 68 43 46 1a 15 31 2c 2c 4c 1a 23 4a 16 2c 25 58 0e 2c 1a 07 1c 2c 0d 43 26
43 07 25 54 58 07 70 51 13 0d 13 31 64 58 4a 07
07 16 46 16 4c 0e 46 32 54 25 2a 13 46 70 0b 68
0e 0e 68 54 25 23 1c 54 23 52 2a 0e 51 4c 31 46
26 25 23 51 32 0e 70 51 38 2a 31 38 54 4c 58 1a
52 19 4a 32 4a 62 61 58 2a 0b 52 07 7f 0d 68 62
4a 0b 64 32 0e 2c 13 07 58 25 52 2a 07 13 19 0e
62 23 23 38 38 07 54 07 31 0d 1c 19 4c 4c 43 51
34 0d 23 26 70 43 64 19 51 15 4c 0b 46 51 0b 0b
43 4a 1c 58 1a 68 61 16 25 52 2a 1c 2c 13 2c 4c
38 62 38 4a 16 19 68 16 13 4a 0d 58 2a 07 31 23
0b 2a 38 31 51 51 4a 62 58 32 4c 68 32 0d 38 16
43 0b 25 23 0e 34 19 23 25 38 32 46 70 58 38 0b
07 23 4a 23 13 64 23 7e 70 1a 16 34 0e 0d 64 16
58 68 15 34 51 4a 61 0d 13 1a 54 0e 0e 58 1a 23
19 4c 1c 43 07 46 52 64 15 64 4c 15 19 2a 61 16
34 4a 31 38 64 1a 61 32 4c 51 58 07 0b 0e 51 2c
13 52 15 4a 16 19 70 16 0d 70 07 54 4c 61 15 68
2a 2a 26 52 52 43 51 26 1c 1a 68 43 07 0b 4a 54
38 43 54 16 13 62 0d 1a 64 07 19 64 07 1a 52 51
19 15 38 38 31 0b 54 31 61 26 25 34 25 62 34 52
34 43 16 0e 46 62 13 52 13 13 43 0e 58 13 64 52
1c 1c 2c 0e 34 52 15 2c 2a 2a 16 54 58 38 52 07
34 54 38 64 07 0b 70 34 19 43 32 2a 52 0b 15 38
38 51 4c 15 26 2a 64 23 31 1c 38 51 4a 25 70 23
58 19 2c 07 4a 70 15 38 70 25 43 2c 43 25 4a 2c
58 07 31 38 26 07 19 16 2a 1a 1a 34 19 16 23 38
25 54 61 32 07 4c 26 70 62 32 1c 19 34 68 46 43
15 51 1c 1a 68 16 16 0b 31 1c 68 32 26 0d 31 70
68 0e 34 54 68 31 1a 68 62 19 2a 13 4c 52 2a 0e
61 0d 43 07 4c 43 43 26 32 1c 54 1c 2c 1a 2a 1c
15 58 25 25 46 1c 62 1c 32 46 54 26 68 19 62 26
4c 43 16 0d 52 1a 4a 19 19 43 13 70 58 26 2a 51
16 61 2a 19 2a 32 0e 32 16 07 16 4a 70 70 1c 62
0e 23 62 <EOM><EOM><EOM>

12610 kHz, 20-01, 1431 UTC, T600

Sync 1eb41eb2952

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

12610 kHz, 20-01, 1432 UTC, T600

Sync 1eb41eb2952

Session key: 4a 4c 4c 46 1a 07 61 15 13 0b 68 54 0d 64 34 31 31 70 1c 52 34 07 0b 0d 0e

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

12610 kHz, 20-01, 1435 UTC, T600

Sync 1eb41eb2952

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

12610 kHz, 20-01, 1504 UTC, T600

Sync 1eb41eb2952

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

12610 kHz, 20-01, 1505 UTC, T600

Sync 1eb41eb2952

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

12610 kHz, 20-01, 1509 UTC, T600

Sync 1eb41eb2952

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

12610 kHz, 20-01, 1509 UTC, T600

Sync 1eb41eb2952

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

LOGS SECTION

Code	Freq.	Date	UTC	Day	Details	Mode	Contributor
---	7055	3-1	1335	Tue	Russian-Ukrainian radio war. Anti Russia messages. Two stations on top of each other. Both loop transmissions	LSB	(AB)
---	3510	6-1	1413	Thu	Air Horn: Russian military channel marker	USB	(ChPa)
---	4770	6-1	1418	Thu	Alarm: Russian military channel marker	USB	(ChPa)
---	3243	6-1	1423	Thu	Goose: Russian military channel marker	USB	(ChPa)
---	7055	7-1	1454	Fri	Russian-Ukrainian radio war. Insulting anti Ukraine and anti Russia transmissions on top of each other. Music	LSB	(AB)
---	7055	10-1	1335	Tue	Russian-Ukrainian radio war. Anti Russia messages. Two stations on top of each other. Both loop transmissions	LSB	(AB)
---	3243	12-1	2014	Wed	Goose: Russian military channel marker	USB	(ChPa)
---	4182	12-1	2024	Wed	Dash: Russian military channel marker	USB	(ChPa)
---	4770	13-1	1418	Thu	Alarm: Russian military channel marker	USB	(ChPa)
---	7050	14-1	1443	Fri	Russian-Ukrainian radio war. Provocative, insulting messages from both sides on top of each other	LSB	(AB)
---	7055	14-1	1443	Fri	Russian-Ukrainian radio war. Provocative, insulting messages from both sides on top of each other	LSB	(AB)
---	3243	15-1	1608	Sat	Goose: Russian military channel marker	USB	(ChPa)
---	4770	15-1	1616	Sat	Alarm: Russian military channel marker	USB	(ChPa)
---	4182	15-1	1618	Sat	Dash: Russian military channel marker	USB	(ChPa)
---	4625	15-1	1855	Sat	Pirate stations jamming the Buzzer using various of amateur radio modes	MFSK-128L	(AB)
---	3243	16-1	0628	Mon	Goose: Russian military channel marker	USB	(ChPa)
---	4770	16-1	0631	Mon	Alarm: Russian military channel marker	USB	(ChPa)
---	4182	16-1	1632	Mon	Dash: Russian military channel marker	USB	(ChPa)
---	7055	17-1	1650	Tue	Russian-Ukrainian radio war. The daily hooligans show with insulting messages and music	LSB	(AB)
---	3243	17-1	1700	Tue	Goose: Russian mil. Message: Vozdukh Okhvat-98 Okhvat-98 78544 MOZG 7314 5280	USB	(kal)
---	4625	17-1	1700	Tue	Pirate stations jamming the Buzzer with sounds,fake buzzers, etc.	USB	(AB)
---	3243	17-1	1934	Tue	Goose: Russian military channel marker	USB	(ChPa)
---	4310	18-1	0713	Tue	Goose: Russian military channel marker	USB	(ChPa)
---	3243	18-1	1601	Tue	Goose: Russian military channel marker	USB	(ChPa)
---	3510	18-1	1602	Tue	Air Horn: Russian military channel marker	USB	(ChPa)
---	4770	18-1	1608	Tue	Alarm: Russian military channel marker	USB	(ChPa)
---	7055	19-1	1340	Wed	Russian/Ukrainian trolls with propaganda items. Many stations on top of each other. At least two loop transmissions	LSB	(AB)
---	3243	19-1	1508	Wed	Goose: Russian military channel marker	USB	(ChPa)
---	3510	19-1	1509	Wed	Air Horn: Russian military channel marker	USB	(ChPa)
---	4770	19-1	1514	Wed	Alarm: Russian military channel marker	USB	(ChPa)
---	4182	19-1	1515	Wed	Dash: Russian military channel marker	USB	(ChPa)
---	3243	20-1	0525	Thu	Goose: Russian military channel marker	USB	(ChPa)
---	4182	20-1	0531	Thu	Dash: Russian military channel marker	USB	(ChPa)
---	3243	21-1	1624	Fri	Goose: Russian military channel marker	USB	(ChPa)

---	3510	21-1	1626	Fri	Air Horn: Russian military channel marker	USB	(ChPa)
---	4770	21-1	1631	Fri	Alarm: Russian military channel marker	USB	(ChPa)
---	4182	21-1	1632	Fri	Dash: Russian military channel marker	USB	(ChPa)
---	3243	23-1	1422	Mon	Goose: Russian military channel marker	USB	(ChPa)
---	3510	23-1	1423	Mon	Air Horn: Russian military channel marker	USB	(ChPa)
---	3243	25-1	0540	Tue	Goose: Russian military channel marker	USB	(ChPa)
---	4625	30-1	2120	Mon	Waterfall text (UVB-76 - Bay of Free Waves) followed by pop music.	USB	(AB)
DPRK	11045	7-1	0830	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11047	7-1	0830	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11045	21-1	0838	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11047	21-1	0838	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11045	28-1	0830	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11047	28-1	0830	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
E06	10755	5-1	0955	Wed	975 148 30 72357 82328 68475 ... 87976 86042 37868 148 30 975 014 23 29770 97164 35871 ... 18163 85031 77258 014 23 00000	USB	(AB)
E06	16350	6-1	0700	Thu	139 574 60 15340 42274 23965 ... 51963 17307 93885 574 60 00000	USB	(AB-RUS/HFD)
E06	13945	7-1	0600	Fri	139 574 60 15340 42274 23965 ... 51963 17307 93885 574 60 00000	USB	(AB-KWT/HFD)
E06	16350	7-1	0700	Fri	139 574 60 15340 42274 23965 ... 51963 17307 93885 574 60 00000	USB	(AB-KWT)
E06	9349	10-1	0210	Tue	537 140 38 00725 11647 45793 ... 00688 60095 67975 140 38 00000	USB	(PY)
E06	13413	10-1	0310	Tue	537 140 38 00725 11647 45793 ... 00688 60095 67975 140 38 00000	USB	(PY)
E06	9349	11-1	0210	Tue	537 140 38 00725 11647 45793 ... 00688 60095 67975 140 38 00000	USB	(PY)
E06	13399	11-1	0310	Tue	537 140 38 00725 11647 45793 ... 00688 60095 67975 140 38 00000	USB	(PY)
E06	14925	13-1	0300	Thu	361 457 30 19858 55196 35856 ... 62694 05381 17452 467 30 00000	USB	(PY)
E06	12218	13-1	0400	Thu	361 457 30 19858 55196 35856 ... 62694 05381 17452 467 30 00000	USB	(PY)
E06	14933	14-1	0300	Fri	361 457 30 19858 55196 35856 ... 62694 05381 17452 467 30 00000	USB	(PY)
E06	12218	14-1	0400	Fri	361 457 30 19858 55196 35856 ... 62694 05381 17452 467 30 00000	USB	(PY)
E06	9349	17-1	0210	Tue	537 682 39 81369 95067 67245 ... 44973 43947 99823 682 39 00000	USB	(PY)
E06	13413	17-1	0310	Tue	537 682 39 81369 95067 67245 ... 44973 43947 99823 682 39 00000	USB	(PY)
E06	9349	18-1	0210	Tue	537 682 39 81369 95067 67245 ... 44973 43947 99823 682 39 00000	USB	(PY)
E06	13413	18-1	0310	Tue	537 682 39 81369 95067 67245 ... 44973 43947 99823 682 39 00000	USB	(PY)
E06	14928	20-1	0300	Thu	361 982 31 54584 95046 60208 ... 49962 70598 73938 982 31 00000	USB	(PY)
E06	12218	20-1	0400	Thu	361 982 31 54584 95046 60208 ... 49962 70598 73938 982 31 00000	USB	(PY)
E06	16350	20-1	0700	Thu	139 258 60 47911 77021 14760 ... 63555 27648 64331 258 60 00000	USB	(AB)
E06	14930	21-1	0300	Fri	361 982 31 54584 95046 60208 ... 49962 70598 73938 982 31 00000	USB	(PY/HFD)
E06	12218	21-1	0400	Fri	361 982 31 54584 95046 60208 ... 49962 70598 73938 982 31 00000	USB	(PY/HFD)
E06	9349	24-1	0210	Tue	537 219 40 22433 91089 32871 ... 91491 71005 36621 219 40 00000	USB	(PY)
E06	13413	24-1	0310	Tue	537 219 40 22433 91089 32871 ... 91491 71005 36621 219 40 00000	USB	(PY)
E06	9349	25-1	0210	Tue	537 219 40 22433 91089 32871 ... 91491 71005 36621 219 40 00000	USB	(PY)
E06	13413	25-1	0310	Tue	537 219 40 22433 91089 32871 ... 91491 71005 36621 219 40 00000	USB	(PY)
E06	9463	25-1	0800	Tue	801 547 26 75779 33004 09576 ... 86427 94887 45680 547 26 801 934 26 33481 60168 38427 ... 53308 _____ 66935 934 26 00000. Several restarts	USB	(RO)
E06	14918	27-1	0300	Thu	361 405 32 62576 27625 44666 ... 60843 25421 04465 405 32 00000	USB	(PY)

E06	12218	27-1	0400	Thu	361 405 32 62576 27625 44666 ... 60843 25421 04465 405 32 00000	USB	(PY)
E06	14930	28-1	0300	Fri	361 405 32 62576 27625 44666 ... 60843 25421 04465 405 32 00000	USB	(PY)
E06	12218	28-1	0400	Fri	361 405 32 62576 27625 44666 ... 60843 25421 04465 405 32 00000	USB	(PY)
E06	9349	31-1	0210	Tue	537 860 41 31584 36358 64045 ... 20016 68221 86969 860 41 00000	USB	(PY)
E06	13413	31-1	0310	Tue	537 860 41 31584 36358 64045 ... 20016 68221 86969 860 41 00000	USB	(PY)
E07	10323	1-1	1400	Sat	310 310 310 000	USB	(AB/MPJ/HFD)
E07	11593	1-1	1410	Sat	916 916 916 000	USB	(AB/MPJ/HFD)
E07	9123	1-1	1420	Sat	310 310 310 000	USB	(AB/MPJ/HFD)
E07	10293	1-1	1430	Sat	916 916 916 000	USB	(AB/MPJ/HFD)
E07	9326	2-1	0700	Mon	345 345 345 000	USB	(AB)
E07	10426	2-1	0720	Mon	345 345 345 000	USB	(AB/HFD)
E07	6963	2-1	1800	Mon	987 987 987 000	USB	(AB/HFD)
E07	5863	2-1	1820	Mon	987 987 987 000	USB	(AB/HFD)
E07	14472	4-1	0700	Tue	492 492 492 000	USB	(AB-RUS/HFD)
E07	14972	4-1	0720	Tue	492 492 492 000	USB	(AB-RUS/HFD)
E07	6963	5-1	1800	Wed	987 987 987 000	USB	(AB)
E07	5863	5-1	1820	Wed	987 987 987 000	USB	(AB)
E07	11593	6-1	1410	Thu	916 916 916 1 1446 42 1446 42 83973 32235 48459 ... 73064 29725 58667 000 000	USB	(AB/MPJ-AUT/RL-HOL)
E07	10293	6-1	1430	Thu	916 916 916 1 1446 42 1446 42 83973 32235 48459 ... 73064 29725 58667 000 000	USB	(AB/MPJ-AUT/RL-HOL)
E07	9293	6-1	1450	Thu	916 916 916 1 1446 42 1446 42 83973 32235 48459 ... 73064 29725 58667 000 000	USB	(AB/MPJ-AUT/RL-HOL)
E07	14472	7-1	0700	Fri	492 492 492 000	USB	(AB)
E07	14972	7-1	0720	Fri	492 492 492 000	USB	(AB-RUS)
E07	10323	8-1	1400	Sat	310 310 310 000	USB	(AB/RL-HOL)
E07	11593	8-1	1410	Sat	916 916 916 1 1446 42 1446 42 83973 32235 48459 ... 73064 29725 58667 000 000	USB	(AB/RL-HOL)
E07	9123	8-1	1420	Sat	310 310 310 000	USB	(AB/RL-HOL)
E07	10293	8-1	1430	Sat	916 916 916 1 1446 42 1446 42 83973 32235 48459 ... 73064 29725 58667 000 000	USB	(AB/RL-HOL)
E07	9293	8-1	1450	Sat	916 916 916 1 1446 42 1446 42 83973 32235 48459 ... 73064 29725 58667 000 000	USB	(AB/RL-HOL)
E07	9326	9-1	0700	Mon	345 345 345 000	USB	(AB)
E07	10426	9-1	0720	Mon	345 345 345 000	USB	(AB)
E07	6963	9-1	1800	Mon	987 987 987 000	USB	(AB)
E07	5863	9-1	1820	Mon	987 987 987 000	USB	(AB)
E07	14472	11-1	0700	Tue	492 492 492 1 697 58 697 58 77268 79568 58460 ... 23929 68192 83906 000 000	USB	(AB)
E07	14972	11-1	0720	Tue	492 492 492 1 697 58 697 58 77268 79568 58460 ... 23929 68192 83906 000 000	USB	(AB)
E07	16272	11-1	0740	Tue	492 492 492 1 697 58 697 58 77268 79568 58460 ... 23929 68192 83906 000 000	USB	(AB)
E07	6963	12-1	1800	Wed	987 987 987 1 9062 115 9062 115 83590 31862 54190 ... 25333 68576 54422 000 000	USB	(AB/MPJ)
E07	5863	12-1	1820	Wed	987 987 987 1 9062 115 9062 115 83590 31862 54190 ... 25333 68576 54422 000 000	USB	(AB/MPJ)
E07	4763	12-1	1840	Wed	987 987 987 1 9062 115 9062 115 83590 31862 54190 ... 25333 68576 54422 000 000	USB	(AB/MPJ)
E07	11593	13-1	1410	Thu	916 916 916 000	USB	(AB)
E07	10293	13-1	1430	Thu	916 916 916 000	USB	(AB)
E07	14472	14-1	0700	Fri	492 492 492 1 697 58 697 58 77268 79568 58460 ... 23929 68192 83906 000 000	USB	(AB)

E07	14972	14-1	0720	Fri	492 492 492 1 697 58 697 58 77268 79568 58460 ... 23929 68192 83906 000 000	USB	(AB)
E07	16272	14-1	0740	Fri	492 492 492 1 697 58 697 58 77268 79568 58460 ... 23929 68192 83906 000 000	USB	(AB)
E07	10323	15-1	1400	Sat	310 310 310 000	USB	(AB/MPJ)
E07	11593	15-1	1410	Sat	916 916 916 000	USB	(AB/MPJ)
E07	9123	15-1	1420	Sat	310 310 310 000	USB	(AB/MPJ)
E07	10293	15-1	1430	Sat	916 916 916 000	USB	(AB/MPJ)
E07	9326	16-1	0700	Mon	345 345 345 000	USB	(AB)
E07	10426	16-1	0720	Mon	345 345 345 000	USB	(AB)
E07	6963	16-1	1800	Mon	987 987 987 1 9062 115 9062 115 83590 31862 54190 ... 25333 68576 54422 000 000	USB	(AB-RUS)
E07	5863	16-1	1820	Mon	987 987 987 1 9062 115 9062 115 83590 31862 54190 ... 25333 68576 54422 000 000	USB	(AB)
E07	4763	16-1	1840	Mon	987 987 987 1 9062 115 9062 115 83590 31862 54190 ... 25333 68576 54422 000 000	USB	(AB)
E07	14472	18-1	0700	Tue	492 492 492 000	USB	(AB)
E07	14972	18-1	0720	Tue	492 492 492 000	USB	(AB)
E07	6963	19-1	1800	Wed	987 987 987 000	USB	(AB/MPJ)
E07	5863	19-1	1820	Wed	987 987 987 000	USB	(AB/MPJ)
E07	11593	20-1	1410	Thu	916 916 916 1 9929 67 9929 67 51892 59615 74347 ... 91402 40891 74037 000 000	USB	(AB)
E07	10293	20-1	1430	Thu	916 916 916 1 9929 67 9929 67 51892 59615 74347 ... 91402 40891 74037 000 000	USB	(AB)
E07	9293	20-1	1450	Thu	916 916 916 1 9929 67 9929 67 51892 59615 74347 ... 91402 40891 74037 000 000	USB	(AB)
E07	14472	21-1	0700	Fri	492 492 492 000	USB	(AB)
E07	14972	21-1	0720	Fri	492 492 492 000	USB	(AB)
E07	10323	22-1	1400	Sat	310 310 310 000	USB	(AB/MPJ)
E07	11593	22-1	1410	Sat	916 916 916 1 9929 67 9929 67 51892 59615 74347 ... 91402 40891 74037 000 000	USB	(AB/MPJ)
E07	9123	22-1	1420	Sat	310 310 310 000	USB	(AB/MPJ)
E07	10293	22-1	1430	Sat	916 916 916 1 9929 67 9929 67 51892 59615 74347 ... 91402 40891 74037 000 000	USB	(AB/MPJ)
E07	9293	22-1	1450	Sat	916 916 916 1 9929 67 9929 67 51892 59615 74347 ... 91402 40891 74037 000 000	USB	(AB/MPJ)
E07	9326	23-1	0700	Mon	345 345 345 000	USB	(AB)
E07	10426	23-1	0720	Mon	345 345 345 000	USB	(AB)
E07	6963	23-1	1800	Mon	987 987 987 000	USB	(AB)
E07	5863	23-1	1820	Mon	987 987 987 000	USB	(AB)
E07	14472	25-1	0700	Tue	492 492 492 1 1709 58 1709 58 95273 96700 58325 ... 69895 44818 33652 000 000	USB	(AB)
E07	14972	25-1	0720	Tue	492 492 492 1 1709 58 1709 58 95273 96700 58325 ... 69895 44818 33652 000 000	USB	(AB)
E07	16272	25-1	0740	Tue	492 492 492 1 1709 58 1709 58 95273 96700 58325 ... 69895 44818 33652 000 000	USB	(AB)
E07	6963	26-1	1800	Wed	987 987 987 1 670 87 670 87 90412 20621 53413 ... 65908 79012 91246 000 000	USB	(AB)
E07	5863	26-1	1820	Wed	987 987 987 1 670 87 670 87 90412 20621 53413 ... 65908 79012 91246 000 000	USB	(AB)
E07	4763	26-1	1840	Wed	987 987 987 1 670 87 670 87 90412 20621 53413 ... 65908 79012 91246 000 000	USB	(AB)
E07	11593	27-1	1410	Thu	916 916 916 000	USB	(AB/MPJ)
E07	10293	27-1	1430	Thu	916 916 916 000	USB	(AB/MPJ)
E07	14472	28-1	0700	Fri	492 492 492 1 1709 58 1709 58 95273 96700 58325 ... 69895 44818 33652 000 000	USB	(AB)
E07	14972	28-1	0720	Fri	492 492 492 1 1709 58 1709 58 95273 96700 58325 ... 69895 44818 33652 000 000	USB	(AB)
E07	16272	28-1	0740	Fri	492 492 492 1 1709 58 1709 58 95273 96700 58325 ... 69895 44818 33652 000 000	USB	(AB)
E07	10323	29-1	1400	Sat	310 310 310 000	USB	(AB/MPJ)
E07	11593	29-1	1410	Sat	916 916 916 000	USB	(AB/MPJ)

E07	9123	29-1	1420	Sat	310 310 310 000	USB	(AB/MPJ)
E07	10293	29-1	1430	Sat	916 916 916 000	USB	(AB/MPJ)
E07	9326	30-1	0700	Mon	345 345 345 000	USB	(AB)
E07	10426	30-1	0720	Mon	345 345 345 000	USB	(AB)
E07	6963	30-1	1800	Mon	987 987 987 1 670 87 670 87 90412 20621 53413 ... 65908 79012 91246 000 000	USB	(AB/MPJ-HOL)
E07	5863	30-1	1820	Mon	987 987 987 1 670 87 670 87 90412 20621 53413 ... 65908 79012 91246 000 000	USB	(AB/MPJ-HOL)
E07	4763	30-1	1840	Mon	987 987 987 1 670 87 670 87 90412 20621 53413 ... 65908 79012 91246 000 000	USB	(AB/MPJ-HOL)
E07a	11123	1-1	0900	Sat	114 114 114 000	USB	(AB/HFD)
E07a	12123	1-1	0920	Sat	114 114 114 000	USB	(AB/HFD)
E07a	5877	5-1	2100	Wed	825 825 825 000	USB	(AB/RL)
E07a	5277	5-1	2120	Wed	825 825 825 000	USB	(AB/RL)
E07a	5111	6-1	0530	Thu	189 189 189 000	USB	(AB/HFD)
E07a	5811	6-1	0550	Thu	189 189 189 000	USB	(AB/HFD)
E07a	7632	7-1	1610	Fri	688 688 688 000	USB	(AB/MPJ/HFD)
E07a	6832	7-1	1630	Fri	688 688 688 000	USB	(AB/MPJ)
E07a	11123	8-1	0900	Sat	114 114 114 000	USB	(AB)
E07a	12123	8-1	0920	Sat	114 114 114 000	USB	(AB)
E07a	5877	12-1	2100	Wed	825 825 825 000	USB	(AB/RL)
E07a	5277	12-1	2120	Wed	825 825 825 000	USB	(AB/RL)
E07a	5111	13-1	0530	Thu	189 189 189 000	USB	(AB)
E07a	5811	13-1	0550	Thu	189 189 189 000	USB	(AB)
E07a	7632	14-1	1610	Fri	688 688 688 000	USB	(AB)
E07a	6832	14-1	1630	Fri	688 688 688 000	USB	(AB)
E07a	11123	15-1	0900	Sat	114 114 114 000	USB	(AB)
E07a	12123	15-1	0920	Sat	114 114 114 000	USB	(AB)
E07a	5877	19-1	2100	Wed	825 825 825 1 02698 704 92 704 92 14975 13302 97798 ... 14660 32522 63766 000 000	USB	(AB)
E07a	5277	19-1	2120	Wed	825 825 825 1 02698 704 92 704 92 14975 13302 97798 ... 14660 32522 63766 000 000	USB	(AB)
E07a	4577	19-1	2140	Wed	825 825 825 1 02698 704 92 704 92 14975 13302 97798 ... 14660 32522 63766 000 000	USB	(AB)
E07a	5111	20-1	0530	Thu	189 189 189 1 02698 704 92 704 92 14975 13302 97798 ... 14660 32522 63766 000 000	USB	(AB)
E07a	5811	20-1	0550	Thu	189 189 189 1 02698 704 92 704 92 14975 13302 97798 ... 14660 32522 63766 000 000	USB	(AB)
E07a	6911	20-1	0610	Thu	189 189 189 1 02698 704 92 704 92 14975 13302 97798 ... 14660 32522 63766 000 000	USB	(AB)
E07a	7632	21-1	1610	Fri	688 688 688 000	USB	(AB/MPJ)
E07a	6832	21-1	1630	Fri	688 688 688 000	USB	(AB/MPJ)
E07a	11123	22-1	0900	Sat	114 114 114 000	USB	(AB)
E07a	12123	22-1	0920	Sat	114 114 114 000	USB	(AB)
E07a	5877	26-1	2100	Wed	825 825 825 000	USB	(AB)
E07a	5277	26-1	2120	Wed	825 825 825 000	USB	(AB)
E07a	5111	27-1	0530	Thu	189 189 189 000	USB	(AB)
E07a	5811	27-1	0550	Thu	189 189 189 000	USB	(AB)
E07a	7632	28-1	1610	Fri	688 688 688 000	USB	(AB)
E07a	6832	28-1	1630	Fri	688 688 688 000	USB	(AB)
E07a	11123	29-1	0900	Sat	114 114 114 000	USB	(AB)

E07a	12123	29-1	0920	Sat	114 114 114 000	USB	(AB)
E11	5371	1-1	0730	Sat	495/00	USB	(AB)
E11	13363	1-1	1430	Sat	918/00	USB	(AB/MPJ)
E11	4505	1-1	1910	Sat	392/00	USB	(AB)
E11	5371	2-1	0730	Mon	497/00	USB	(AB)
E11	5082	2-1	1330	Mon	524/00	USB	(AB/MPJ)
E11	5432	2-1	1605	Mon	232/00	USB	(AB)
E11	12924	2-1	1745	Mon	247/00	USB	(AB)
E11	6849	2-1	1815	Mon	927/00	USB	(AB)
E11	10487	2-1	1910	Mon	610/00	USB	(AB-POL)
E11	4909	3-1	0450	Tue	410/00	USB	(AB)
E11	16005	3-1	0640	Tue	944/00	USB	(AB-POL)
E11	11104	3-1	0715	Tue	754/00	USB	(AB)
E11	10213	3-1	0745	Tue	269/00	USB	(AB)
E11	14940	3-1	0830	Tue	183/00	USB	(AB)
E11	11092	3-1	0900	Tue	533/00	USB	(AB)
E11	7984	3-1	1045	Tue	693/00	USB	(AB)
E11	4909	3-1	1300	Tue	314/00	USB	(AB/MPJ)
E11	12924	3-1	1745	Tue	245/00	USB	(AB-POL/MPJ-POL)
E11	6849	3-1	1900	Tue	648/00	USB	(AB/MPJ)
E11	13908	4-1	0745	Tue	221/00	USB	(AB-POL)
E11	14611	4-1	0820	Tue	136/00	USB	(AB)
E11	13046	4-1	0845	Tue	156/00	USB	(linkz)
E11	9079	4-1	1000	Tue	300/00	USB	(AB/PY)
E11	6433	4-1	1205	Tue	465/00	USB	(AB/RL-HOL)
E11	13363	4-1	1430	Tue	912/00	USB	(AB/MPJ)
E11	5432	4-1	1605	Tue	231/00	USB	(AB/MPJ)
E11	9052	5-1	0315	Wed	256/00	USB	(AB-POL)
E11	16005	5-1	0640	Wed	940/00	USB	(AB-POL)
E11	11104	5-1	0715	Wed	752/00	USB	(AB)
E11	17378	5-1	0745	Wed	343/00	USB	(AB)
E11	14611	5-1	0820	Wed	131/00	USB	(AB)
E11	12067	5-1	0845	Wed	716/00	USB	(AB)
E11	11092	5-1	0900	Wed	537/00	USB	(AB)
E11	7469	5-1	0930	Wed	279/00	USB	(AB)
E11	7984	5-1	1045	Wed	696/00	USB	(AB)
E11	6433	5-1	1205	Wed	460/00	USB	(AB)
E11	5082	5-1	1715	Wed	978/00	USB	(AB/MPJ)
E11	4505	5-1	1910	Wed	393/00	USB	(AB/MPJ)
E11	9052	6-1	0315	Thu	25?/00 too weak to copy	USB	(AB-POL)
E11	13908	6-1	0745	Thu	221/00	USB	(AB)
E11	5149	6-1	0820	Thu	434/00	USB	(AB)

E11	13046	6-1	0845	Thu	159/00	USB	(AB)
E11	7469	6-1	0930	Thu	279/00	USB	(AB)
E11	4909	6-1	1300	Thu	312/00	USB	(AB/MPJ)
E11	5082	6-1	1330	Thu	525/00	USB	(AB/MPJ)
E11	5409	6-1	1530	Thu	269/00	USB	(AB/MPJ)
E11	5779	6-1	1730	Thu	412/00	USB	(AB/MPJ)
E11	6849	6-1	1900	Thu	641/00	USB	(AB/MPJ)
E11	7850	7-1	0600	Fri	358/00	USB	(AB)
E11	17378	7-1	0745	Fri	349/00	USB	(AB-POL)
E11	5149	7-1	0820	Fri	435/00	USB	(AB)
E11	14940	7-1	0830	Fri	189/00	USB	(AB)
E11	9079	7-1	1000	Fri	308/00	USB	(AB)
E11	5082	7-1	1715	Fri	978/00	USB	(AB/MPJ)
E11	6849	7-1	1815	Fri	924/00	USB	(AB/MPJ)
E11	10487	7-1	1910	Fri	617/00	USB	(AB/MPJ)
E11	5371	8-1	0730	Sat	490/00	USB	(AB)
E11	13363	8-1	1430	Sat	917/00	USB	(AB)
E11	4909	8-1	1530	Sat	368/00	USB	(AB)
E11	4505	8-1	1910	Sat	391/00	USB	(AB)
E11	7850	9-1	0600	Mon	359/00	USB	(AB)
E11	5371	9-1	0730	Mon	490/00	USB	(AB)
E11	5082	9-1	1330	Mon	525/00	USB	(AB-POL/MPJ-HOL)
E11	4909	9-1	1530	Mon	368/00	USB	(AB/MPJ)
E11	5432	9-1	1605	Mon	230/00	USB	(AB/MPJ)
E11	12924	9-1	1745	Mon	247/00	USB	(AB)
E11	6849	9-1	1815	Mon	922/00	USB	(AB)
E11	10487	9-1	1910	Mon	613/00	USB	(AB-POL/MPJ-FIN)
E11	10213	10-1	0745	Tue	268/00	USB	(AB)
E11	14940	10-1	0830	Tue	185/00	USB	(AB)
E11	7984	10-1	1045	Tue	693/00	USB	(AB)
E11	12924	10-1	1745	Tue	249/00	USB	(AB-POL)
E11	6849	10-1	1900	Tue	649/00	USB	(AB)
E11	7840	11-1	0645	Tue	519/00	USB	(AB)
E11	6804	11-1	0700	Tue	570/00	USB	(AB)
E11	9130	11-1	0715	Tue	631/00	USB	(AB)
E11	13908	11-1	0745	Tue	227/00	USB	(AB-POL)
E11	13046	11-1	0845	Tue	159/00	USB	(AB)
E11	6433	11-1	1205	Tue	464/00	USB	(AB)
E11	5432	11-1	1605	Tue	231/00	USB	(AB/MPJ)
E11	9052	12-1	0315	Wed	250/00	USB	(AB-POL)
E11	17378	12-1	0745	Wed	340/00	USB	(AB)

E11	7469	12-1	0930	Wed	275/00	USB	(AB)
E11	7984	12-1	1045	Wed	698/00	USB	(AB)
E11	6433	12-1	1205	Wed	460/00	USB	(AB)
E11	4505	12-1	1910	Wed	393/00	USB	(AB/MPJ)
E11	9052	13-1	0315	Thu	250/00	USB	(AB-POL)
E11	7840	13-1	0645	Thu	518/00	USB	(AB)
E11	13908	13-1	0745	Thu	229/00	USB	(AB-POL)
E11	13046	13-1	0845	Thu	154/00	USB	(AB)
E11	7469	13-1	0930	Thu	273/00	USB	(AB)
E11	5082	13-1	1330	Thu	520/00	USB	(AB/MPJ)
E11	5409	13-1	1530	Thu	264/00	USB	(AB/MPJ)
E11	6849	13-1	1900	Thu	646/00	USB	(AB/MPJ)
E11	7850	14-1	0600	Fri	353/00	USB	(AB)
E11	6804	14-1	0700	Fri	571/00	USB	(AB)
E11	9130	14-1	0715	Fri	631/00	USB	(AB)
E11	17378	14-1	0745	Fri	349/00	USB	(AB)
E11	14940	14-1	0830	Fri	183/00	USB	(AB)
E11	6849	14-1	1815	Fri	926/00	USB	(AB)
E11	10487	14-1	1910	Fri	614/00	USB	(AB)
E11	5371	15-1	0730	Sat	492/00	USB	(AB)
E11	4909	15-1	1530	Sat	363/00	USB	(AB/MPJ)
E11	4505	15-1	1910	Sat	396/00	USB	(AB)
E11	7850	16-1	0600	Mon	353/00	USB	(AB)
E11	5371	16-1	0730	Mon	496/00	USB	(AB)
E11	5082	16-1	1330	Mon	525/00	USB	(AB-POL/MPJ-HNG)
E11	4909	16-1	1530	Mon	369/00	USB	(AB/MPJ)
E11	5432	16-1	1605	Mon	231/00	USB	(AB/MPJ)
E11	6849	16-1	1815	Mon	920/00	USB	(AB)
E11	10487	16-1	1910	Mon	618/00	USB	(AB-POL/MPJ-POL)
E11	4909	17-1	0450	Tue	412/00	USB	(AB)
E11	16005	17-1	0640	Tue	945/00	USB	(AB-POL)
E11	11104	17-1	0715	Tue	757/00	USB	(AB)
E11	12067	17-1	0845	Tue	714/00	USB	(AB)
E11	11092	17-1	0900	Tue	530/00	USB	(AB)
E11	7984	17-1	1045	Tue	694/00	USB	(AB)
E11	4909	17-1	1300	Tue	310/00	USB	(AB-POL)
E11	7840	18-1	0645	Tue	511/00	USB	(AB)
E11	9130	18-1	0715	Tue	639/00	USB	(AB)
E11	14611	18-1	0820	Tue	135/00	USB	(AB)
E11	13046	18-1	0845	Tue	152/00	USB	(AB)
E11	9079	18-1	1000	Tue	305/00	USB	(AB)

E11	13363	18-1	1430	Tue	919/00	USB	(AB)
E11	5432	18-1	1605	Tue	230/00	USB	(AB)
E11	16005	19-1	0640	Wed	940/00	USB	(AB-POL)
E11	11104	19-1	0715	Wed	757/00	USB	(AB)
E11	14611	19-1	0820	Wed	132/00	USB	(AB)
E11	12067	19-1	0845	Wed	716/00	USB	(AB)
E11	11092	19-1	0900	Wed	538/00	USB	(AB)
E11	7984	19-1	1045	Wed	690/00	USB	(AB)
E11	5082	19-1	1715	Wed	977/00	USB	(AB/MPJ)
E11	7840	20-1	0645	Thu	511/00	USB	(AB)
E11	5149	20-1	0820	Thu	434/00	USB	(AB)
E11	13046	20-1	0845	Thu	152/00	USB	(AB)
E11	4909	20-1	1300	Thu	312/00	USB	(AB-POL/MPJ-POL)
E11	5082	20-1	1330	Thu	521/00	USB	(AB/MPJ-POL)
E11	5779	20-1	1730	Thu	418/00	USB	(AB/MPJ)
E11	7850	21-1	0600	Fri	353/00	USB	(AB-POL)
E11	6804	21-1	0700	Fri	575/00	USB	(AB)
E11	9130	21-1	0715	Fri	630/00	USB	(AB-POL)
E11	5149	21-1	0820	Fri	438/00	USB	(AB)
E11	9079	21-1	1000	Fri	306/00	USB	(AB)
E11	5082	21-1	1715	Fri	970/00	USB	(AB/MPJ)
E11	10487	21-1	1910	Fri	617/00 too weak to copy	USB	(AB)
E11	13363	22-1	1430	Sat	914/00	USB	(AB/MPJ)
E11	4909	22-1	1530	Sat	366/00	USB	(AB/MPJ)
E11	7850	23-1	0600	Mon	358/00	USB	(AB)
E11	5082	23-1	1330	Mon	521/00	USB	(AB)
E11	4909	23-1	1530	Mon	363/00	USB	(AB)
E11	5432	23-1	1605	Mon	231/00	USB	(AB)
E11	10487	23-1	1910	Mon	611/00	USB	(AB-POL)
E11	4909	24-1	0450	Tue	414/00	USB	(AB)
E11	16005	24-1	0640	Tue	946/00	USB	(AB-POL)
E11	11104	24-1	0715	Tue	750/00	USB	(AB)
E11	10213	24-1	0745	Tue	261/00	USB	(AB)
E11	14940	24-1	0830	Tue	182/00	USB	(AB-POL)
E11	12067	24-1	0845	Tue	716/00	USB	(AB)
E11	11092	24-1	0900	Tue	535/00	USB	(AB)
E11	4909	24-1	1300	Tue	314/00	USB	(AB)
E11	12924	24-1	1745	Tue	240/00	USB	(AB-POL)
E11	6849	24-1	1900	Tue	649/00	USB	(AB-G)
E11	7840	25-1	0645	Tue	518/00	USB	(AB)
E11	6804	25-1	0700	Tue	579/00	USB	(AB)
E11	13908	25-1	0745	Tue	225/00	USB	(AB-RUS)

E11	14611	25-1	0820	Tue	130/00	USB	(AB)
E11	9079	25-1	1000	Tue	302/00	USB	(AB)
E11	6433	25-1	1205	Tue	462/00	USB	(AB)
E11	13363	25-1	1430	Tue	917/00	USB	(AB/MPJ)
E11	9052	26-1	0315	Wed	253/00	USB	(AB-POL)
E11	16005	26-1	0640	Wed	949/00	USB	(AB-POL)
E11	11104	26-1	0715	Wed	750/00	USB	(AB-POL)
E11	17378	26-1	0745	Wed	349/00	USB	(AB-POL)
E11	14611	26-1	0820	Wed	133/00	USB	(AB)
E11	12067	26-1	0845	Wed	716/00	USB	(AB)
E11	11092	26-1	0900	Wed	535/00	USB	(AB-D)
E11	7469	26-1	0930	Wed	271/00	USB	(AB)
E11	6433	26-1	1205	Wed	466/00	USB	(AB-POL)
E11	5082	26-1	1715	Wed	975/00	USB	(AB)
E11	4505	26-1	1910	Wed	399/00	USB	(AB)
E11	9052	27-1	0315	Thu	258/00	USB	(AB-POL)
E11	7840	27-1	0645	Thu	511/00	USB	(AB)
E11	13908	27-1	0745	Thu	221/00	USB	(AB-POL)
E11	5149	27-1	0820	Thu	439/00	USB	(AB)
E11	7469	27-1	0930	Thu	275/00	USB	(AB)
E11	4909	27-1	1300	Thu	314/00	USB	(AB-POL)
E11	5409	27-1	1530	Thu	269/00	USB	(AB/MPJ)
E11	5779	27-1	1730	Thu	410/00	USB	(AB/MPJ)
E11	6849	27-1	1900	Thu	640/00	USB	(AB/MPJ)
E11	6804	28-1	0700	Fri	570/00	USB	(AB)
E11	17378	28-1	0745	Fri	343/00	USB	(AB-POL)
E11	5149	28-1	0820	Fri	436/00	USB	(AB)
E11	14940	28-1	0830	Fri	181/00	USB	(AB-POL)
E11	9079	28-1	1000	Fri	302/00	USB	(AB)
E11	5082	28-1	1715	Fri	976/00	USB	(AB)
E11	6849	28-1	1815	Fri	929/00	USB	(AB)
E11	5371	29-1	0730	Sat	490/00	USB	(AB)
E11	13363	29-1	1430	Sat	919/00	USB	(AB/MPJ)
E11	4909	29-1	1530	Sat	369/00	USB	(AB/MPJ)
E11	4505	29-1	1910	Sat	396/00	USB	(AB/MPJ)
E11	5371	30-1	0730	Mon	498/00	USB	(AB)
E11	4909	30-1	1530	Mon	360/00	USB	(AB/MPJ)
E11	12924	30-1	1745	Mon	248/00	USB	(AB/MPJ)
E11	6849	30-1	1815	Mon	925/00	USB	(AB)
E11	4909	31-1	0450	Tue	413/00	USB	(AB)
E11	16005	31-1	0640	Tue	944/00	USB	(AB)
E11	11104	31-1	0715	Tue	754/00	USB	(AB)

E11	10213	31-1	0745	Tue	268/00		USB	(AB)
E11	14940	31-1	0830	Tue	180/00		USB	(AB-POL)
E11	12067	31-1	0845	Tue	714/00		USB	(AB)
E11	11092	31-1	0900	Tue	537/00		USB	(AB)
E11	7984	31-1	1045	Tue	698/00		USB	(AB)
E11	4909	31-1	1300	Tue	310/00		USB	(AB)
E11	12924	31-1	1745	Tue	249/00		USB	(AB/MPJ-HOL)
E11	6849	31-1	1900	Tue	643/00		USB	(AB/MPJ)
E11a	4909	1-1	1530	Sat	360/38 Attention 50369 56673 95084 ... 58702 54755 72163 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	4909	2-1	1530	Mon	360/38 Attention 50369 56673 95084 ... 58702 54755 72163 Attention (message repeated) Out		USB	(AB)
E11a	7840	4-1	0645	Tue	519/38 Attention 45819 72392 21903 ... 95217 02994 69889 Attention (message repeated) Out		USB	(AB)
E11a	6804	4-1	0700	Tue	573/33 Attention 93879 47837 71899 ... 00663 20533 91098 Attention (message repeated) Out		USB	(AB)
E11a	7840	6-1	0645	Thu	519/38 Attention 45819 72392 21903 ... 95217 02994 69889 Attention (message repeated) Out		USB	(AB)
E11a	6804	7-1	0700	Fri	573/33 Attention 93879 47837 71899 ... 00663 20533 91098 Attention (message repeated) Out		USB	(AB)
E11a	4909	10-1	0450	Tue	410/38 Attention 05946 50286 76020 ... 51794 33304 68990 Attention (message repeated) Out		USB	(AB)
E11a	16005	10-1	0640	Tue	948/23 Attention 44389 01617 10519 ... 61700 43566 39426 Attention (message repeated) Out		USB	(AB-POL)
E11a	11104	10-1	0715	Tue	753/38 Attention 30883 48713 77227 ... 77405 00565 35260 Attention (message repeated) Out		USB	(AB)
E11a	12067	10-1	0845	Tue	716/35 Attention 33397 28235 01723 ... 58390 75671 01350 Attention (message repeated) Out		USB	(AB)
E11a	11092	10-1	0900	Tue	530/32 Attention 36139 59192 97982 ... 32827 14334 83271 Attention (message repeated) Out		USB	(AB)
E11a	4909	10-1	1300	Tue	315/30 Attention 66554 32711 36608 ... 66972 74163 20180 Attention (message repeated) Out		USB	(AB-POL)
E11a	14611	11-1	0820	Tue	130/36 Attention 42916 52894 23731 ... 40778 52433 94288 Attention (message repeated) Out		USB	(AB)
E11a	9079	11-1	1000	Tue	300/22 Attention 15119 15431 98279 ... 05036 07669 69738 Attention (message repeated) Out		USB	(AB)
E11a	13363	11-1	1430	Tue	912/32 Attention 14776 45959 03822 ... 64199 24073 34418 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	16005	12-1	0640	Wed	948/23 Attention 44389 01617 10519 ... 61700 43566 39426 Attention (message repeated) Out		USB	(AB-POL)
E11a	11104	12-1	0715	Wed	753/38 Attention 30883 48713 77227 ... 77405 00565 35260 Attention (message repeated) Out		USB	(AB)
E11a	14611	12-1	0820	Wed	130/36 Attention 42916 52894 23731 ... 40778 52433 94288 Attention (message repeated) Out		USB	(AB)
E11a	12067	12-1	0845	Wed	716/35 Attention 33397 28235 01723 ... 58390 75671 01350 Attention (message repeated) Out		USB	(AB)
E11a	11092	12-1	0900	Wed	530/32 Attention 36139 59192 97982 ... 32827 14334 83271 Attention (message repeated) Out		USB	(AB)
E11a	5082	12-1	1715	Wed	972/32 Attention 21238 27703 35278 ... 82075 00064 22038 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	5149	13-1	0820	Thu	436/35 Attention 04197 13152 43693 ... 04059 95222 26447 Attention (message repeated) Out		USB	(AB)
E11a	4909	13-1	1300	Thu	315/30 Attention 66554 32711 36608 ... 66972 74163 20180 Attention (message repeated) Out		USB	(AB-POL/MPJ-HNG)
E11a	5779	13-1	1730	Thu	410/38 Attention 05946 50286 76020 ... 51794 33304 68990 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	5149	14-1	0820	Fri	436/35 Attention 04197 13152 43693 ... 04059 95222 26447 Attention (message repeated) Out		USB	(AB)
E11a	9079	14-1	1000	Fri	300/22 Attention 15119 15431 98279 ... 05036 07669 69738 Attention (message repeated) Out		USB	(AB)
E11a	5082	14-1	1715	Fri	972/32 Attention 21238 27703 35278 ... 82075 00064 22038 Attention (message repeated) Out		USB	(AB)
E11a	13363	15-1	1430	Sat	912/32 Attention 14776 45959 03822 ... 64199 24073 34418 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	10213	17-1	0745	Tue	269/38 Attention 95414 87736 89173 ... 67782 88766 36411 Attention (message repeated) Out		USB	(AB)
E11a	14940	17-1	0830	Tue	180/21 Attention 27275 58137 70243 ... 79255 06178 78069 Attention (message repeated) Out		USB	(AB)
E11a	12924	17-1	1745	Tue	245/34 message unreadable		USB	(AB-POL)
E11a	6849	17-1	1900	Tue	644/36 Attention 57678 02548 57277 ... 91386 26706 21487 Attention (message repeated) Out		USB	(AB-G/MPJ)
E11a	13908	18-1	0745	Tue	221/33 Attention 13938 75834 08505 ... 52928 23319 78624 Attention (message repeated) Out		USB	(AB-RUS)
E11a	6433	18-1	1205	Tue	464/34 Attention 71626 69836 51808 ... 51764 04428 18215 Attention (message repeated) Out		USB	(AB)

E11a	9052	19-1	0315	Wed	255/33 Attention 82293 89601 66672 ... 89357 74839 82317 Attention (message repeated) Out	USB	(AB-POL)
E11a	17378	19-1	0745	Wed	346/34 Attention 46742 08873 34331 ... 83283 64098 98201 Attention (messages repeated) Out	USB	(AB)
E11a	7469	19-1	0930	Wed	279/40 Attention 11815 64186 92218 ... 29770 29473 27492 Attention (message repeated) Out	USB	(AB)
E11a	6433	19-1	1205	Wed	464/34 Attention 71626 69836 51808 ... 51764 04428 18215 Attention (message repeated) Out	USB	(AB)
E11a	4505	19-1	1910	Wed	390/31 Attention 96772 80839 47600 ... 22674 31642 72790 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	9052	20-1	0315	Thu	255/33 Attention 82293 89601 66672 ... 89357 74839 82317 Attention (message repeated) Out	USB	(AB-POL)
E11a	13908	20-1	0745	Thu	221/33 Attention 13938 75834 08505 ... 52928 23319 78624 Attention (message repeated) Out	USB	(AB-POL)
E11a	7469	20-1	0930	Thu	279/40 Attention 11815 64186 92218 ... 29770 29473 27492 Attention (message repeated) Out	USB	(AB)
E11a	5409	20-1	1530	Thu	269/38 Attention 95414 87736 89173 ... 67782 88766 36411 Attention (message repeated) Out	USB	(AB)
E11a	6849	20-1	1900	Thu	644/36 Attention 57678 02548 57277 ... 91386 26706 21487 Attention (message repeated) Out	USB	(AB)
E11a	17378	21-1	0745	Fri	346/34 Attention 46742 08873 34331 ... 83283 64098 98201 Attention (messages repeated) Out	USB	(AB-POL)
E11a	14940	21-1	0830	Fri	180/21 Attention 27275 58137 70243 ... 79255 06178 78069 Attention (message repeated) Out	USB	(AB-POL)
E11a	6849	21-1	1815	Fri	926/35 Attention 44576 60401 28855 ... 85064 14124 24791 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5371	22-1	0730	Sat	496/32 Attention 74005 04447 21779 ... 17156 30166 83435 Attention (message repeated) Out	USB	(AB)
E11a	6849	22-1	1815	Sat	926/35 Attention 44576 60401 28855 ... 85064 14124 24791 Attention (message repeated) Out	USB	(MPJ)
E11a	4505	22-1	1910	Sat	390/31 Attention 96772 80839 47600 ... 22674 31642 72790 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5371	23-1	0730	Mon	496/32 Attention 74005 04447 21779 ... 17156 30166 83435 Attention (message repeated) Out	USB	(AB)
E11a	12924	23-1	1745	Mon	245/34 message unreadable	USB	(AB-POL)
E11a	6849	23-1	1815	Mon	926/35 Attention 44576 60401 28855 ... 85064 14124 24791 Attention (message repeated) Out	USB	(AB-POL)
E11a	7984	24-1	1045	Tue	693/40 Attention 02637 44429 34745 ... 00666 01566 11638 Attention (message repeated) Out	USB	(AB)
E11a	9130	25-1	0715	Tue	635/38 Attention 93150 25426 20673 ... 79833 88565 29005 Attention (message repeated) Out	USB	(AB)
E11a	13046	25-1	0845	Tue	157/23 Attention 09757 06654 99336 ... 96934 44977 71366 Attention (message repeated) Out	USB	(AB)
E11a	5432	25-1	1605	Tue	230/31 Attention 49094 61115 01883 ... 26674 33400 35517 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	7984	26-1	1045	Wed	693/40 Attention 02637 44429 34745 ... 00666 01566 11638 Attention (message repeated) Out	USB	(AB)
E11a	13046	27-1	0845	Thu	157/23 Attention 09757 06654 99336 ... 96934 44977 71366 Attention (message repeated) Out	USB	(AB-POL)
E11a	5082	27-1	1330	Thu	527/33 Attention 38885 24293 72684 ... 76720 26846 49527 Attention (message repeated) Out	USB	(AB)
E11a	7850	28-1	0600	Fri	352/35 Attention 98607 93118 20076 ... 73233 15040 25339 Attention (message repeated) Out	USB	(AB)
E11a	9130	28-1	0715	Fri	635/38 Attention 93150 25426 20673 ... 79833 88565 29005 Attention (message repeated) Out	USB	(AB)
E11a	10487	28-1	1910	Fri	618/37 Attention 92794 75877 98275 ... 03573 59652 51393 Attention (message repeated) Out	USB	(AB)
E11a	7850	30-1	0600	Mon	352/35 Attention 98607 93118 20076 ... 73233 15040 25339 Attention (message repeated) Out	USB	(AB)
E11a	5082	30-1	1330	Mon	527/33 Attention 38885 24293 72684 ... 76720 26846 49527 Attention (message repeated) Out	USB	(AB)
E11a	5432	30-1	1605	Mon	230/31 Attention 49094 61115 01883 89054 ... 26674 33400 35517 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	10487	30-1	1910	Mon	618/37 Attention 92794 75877 98275 ... 03573 59652 51393 Attention (message repeated) Out	USB	(AB/MPJ-HOL)
E17z	11170	6-1	0800	Thu	217 408 5 81413 94073 83531 94063 63156 408 5 00000	USB	(AB)
E17z	9820	6-1	0810	Thu	217 408 5 81413 94073 83531 94063 63156 408 5 00000	USB	(AB)
E17z	11170	13-1	0800	Thu	217 408 5 81413 94073 83531 94063 63156 408 5 00000	USB	(AB)
E17z	9820	13-1	0810	Thu	217 408 5 81413 94073 83531 94063 63156 408 5 00000	USB	(AB)
E17z	11170	20-1	0800	Thu	217 490 5 13621 26252 82057 44817 89106 490 5 00000	USB	(AB)
E17z	9820	20-1	0810	Thu	217 490 5 13621 26252 82057 44817 89106 490 5 00000	USB	(AB)
E17z	11170	27-1	0800	Thu	217 490 5 13621 26252 82057 44817 89106 490 5 00000	USB	(AB)
E17z	9820	27-1	0810	Thu	217 490 5 13621 26252 82057 44817 89106 490 5 00000	USB	(AB)
EGY	13555	3-1	1339	Tue	MFA Cairo clg OOV: Egyptian embassy New Delhi	SITOR-A 100/170	(AB)

EGY	13555	3-1	1341	Tue	99901: MFA Cairo clg 44406: Egyptian embassy New Delhi	CODAN-3012	(AB)
EGY	9045	16-1	1437	Mon	Egyptian Embassy Washington wkg Egyptian Embassy Havana	CODAN-3012	(DW-MD)
F01	11079	3-1	1015	Tue	Russian diplo/intel. 76084 89654 13258 ... 62883 09845 54421 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	9162	3-1	1025	Tue	Russian diplo/intel. 76084 89654 13258 ... 62883 09845 54421 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	7509	3-1	1035	Tue	Russian diplo/intel. 76084 89654 13258 ... 62883 09845 54421 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	11079	4-1	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9162	4-1	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7509	4-1	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11079	5-1	1015	Wed	Russian diplo/intel. 97875 50410 16647 ... 10227 16804 57423 00000 +++++	FSK 200/500	(AB)
F01	9162	5-1	1025	Wed	Russian diplo/intel. 97875 50410 16647 ... 10227 16804 57423 00000 +++++	FSK 200/500	(AB)
F01	7509	5-1	1035	Wed	Russian diplo/intel. 97875 50410 16647 ... 10227 16804 57423 00000 +++++	FSK 200/500	(AB)
F01	7629	5-1	1940	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	6783	5-1	1950	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	4034	5-1	2000	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	11079	6-1	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9162	6-1	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7509	6-1	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11079	7-1	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9162	7-1	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	7509	7-1	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	11079	10-1	1015	Tue	Russian diplo/intel. 20722 85940 24136 ... 04747 47570 60415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	9162	10-1	1025	Tue	Russian diplo/intel. 20722 85940 24136 ... 04747 47570 60415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	7509	10-1	1035	Tue	Russian diplo/intel. 20722 85940 24136 ... 04747 47570 60415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	11079	11-1	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9162	11-1	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7509	11-1	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11079	12-1	1015	Wed	Russian diplo/intel. 70616 71906 28234 ... 57357 81403 63423 00000 +++++	FSK 200/500	(AB)
F01	9162	12-1	1025	Wed	Russian diplo/intel. 70616 71906 28234 ... 57357 81403 63423 00000 +++++	FSK 200/500	(AB)
F01	7509	12-1	1035	Wed	Russian diplo/intel. 70616 71906 28234 ... 57357 81403 63423 00000 +++++	FSK 200/500	(AB)
F01	11079	13-1	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9162	13-1	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7509	13-1	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11079	14-1	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9162	14-1	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	7509	14-1	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	11079	17-1	1015	Tue	Russian diplo/intel. 69816 05021 45717 ... 19317 71701 66443 00000 +++++ +++++	FSK 200/500	(AB)
F01	9162	17-1	1025	Tue	Russian diplo/intel. 69816 05021 45717 ... 19317 71701 66443 00000 +++++ +++++	FSK 200/500	(AB)
F01	7509	17-1	1035	Tue	Russian diplo/intel. 69816 05021 45717 ... 19317 71701 66443 00000 +++++ +++++	FSK 200/500	(AB)
F01	11079	18-1	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9162	18-1	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7509	18-1	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11079	19-1	1015	Wed	Russian diplo/intel. Wrong 1000Hz shift 81289 96184 44782 ... 67357 46845 69417 00000 +++++	FSK 200/1000	(AB)

F01	9162	19-1	1025	Wed	Russian diplo/intel. Wrong 1000Hz shift 81289 96184 44782 ... 67357 46845 69417 00000 +++++	FSK 200/1000	(AB)
F01	7509	19-1	1035	Wed	Russian diplo/intel. Wrong 1000Hz shift 81289 96184 44782 ... 67357 46845 69417 00000 +++++	FSK 200/1000	(AB)
F01	11079	20-1	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9162	20-1	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7509	20-1	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11079	21-1	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9162	21-1	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	7509	21-1	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	11079	24-1	1015	Tue	Russian diplo/intel. 61783 84785 87456 ... 06176 80990 72409 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	9162	24-1	1025	Tue	Russian diplo/intel. 61783 84785 87456 ... 06176 80990 72409 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	7509	24-1	1035	Tue	Russian diplo/intel. 61783 84785 87456 ... 06176 80990 72409 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	11079	25-1	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9162	25-1	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7509	25-1	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11079	26-1	1015	Wed	Russian diplo/intel. 81320 42601 29299 ... 00723 77684 75411 00000 +++++	FSK 200/500	(AB)
F01	9162	26-1	1025	Wed	Russian diplo/intel. 81320 42601 29299 ... 00723 77684 75411 00000 +++++	FSK 200/500	(AB)
F01	7509	26-1	1035	Wed	Russian diplo/intel. 81320 42601 29299 ... 00723 77684 75411 00000 +++++	FSK 200/500	(AB)
F01	11079	27-1	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9162	27-1	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7509	27-1	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11079	28-1	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9162	28-1	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	7509	28-1	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	11079	31-1	1015	Tue	Russian diplo/intel. 20136 25809 04862 ... 97145 59439 78415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	9162	31-1	1025	Tue	Russian diplo/intel. 20136 25809 04862 ... 97145 59439 78415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	7509	31-1	1035	Tue	Russian diplo/intel. 20136 25809 04862 ... 97145 59439 78415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F03j	12089	3-1	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	3-1	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	3-1	1010	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	3-1	1015	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	4-1	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	4-1	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	4-1	0900	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	4-1	0905	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	5-1	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	5-1	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	5-1	1010	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	5-1	1015	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	6-1	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	6-1	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	7-1	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	7-1	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	9339	7-1	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	7-1	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	7-1	0900	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	7-1	0905	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	10-1	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	10-1	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	10-1	1010	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	10-1	1015	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	11-1	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	11-1	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	11-1	0900	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	11-1	0905	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	12-1	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	12-1	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	12-1	1010	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	12-1	1015	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	13-1	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	13-1	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	14-1	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	14-1	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	14-1	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	14-1	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	14-1	0900	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	14-1	0905	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	17-1	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	17-1	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	17-1	1010	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	17-1	1015	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	18-1	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	18-1	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	18-1	0900	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	18-1	0905	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	19-1	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	19-1	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	19-1	1010	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	19-1	1015	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	20-1	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	20-1	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	21-1	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	21-1	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	21-1	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	21-1	0855	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	8091	21-1	0900	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	21-1	0905	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	24-1	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	24-1	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	24-1	1010	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	24-1	1015	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	25-1	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	25-1	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	25-1	0900	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	25-1	0905	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	26-1	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	26-1	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	26-1	1010	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	26-1	1015	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	27-1	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5946	27-1	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	28-1	0810	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	28-1	0815	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	28-1	0850	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	28-1	0856	Fri	Polish intel. Late start	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	28-1	0900	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8091	28-1	0905	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	31-1	0810	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	31-1	0815	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	31-1	1010	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12089	31-1	1015	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03I	9240	3-1	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	3-1	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	3-1	0735	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	3-1	0740	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	3-1	0930	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	3-1	0935	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	3-1	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	3-1	0955	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	3-1	1030	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	3-1	1035	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	4-1	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	4-1	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	4-1	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	4-1	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	4-1	0835	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	4-1	0840	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	6480	4-1	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	6480	4-1	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	6280	4-1	1100	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	4-1	1105	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	5-1	0615	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	5-1	0620	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	5-1	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	5-1	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	5-1	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	5-1	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	5-1	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	5-1	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	6-1	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	6-1	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	6-1	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	6-1	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	6-1	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	6-1	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	7-1	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	7-1	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	10-1	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	10-1	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	10-1	0735	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	10-1	0740	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	10-1	0930	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	10-1	0935	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	10-1	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	10-1	0955	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	10-1	1030	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	10-1	1035	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	11-1	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	11-1	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	11-1	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	11-1	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	11-1	0835	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	11-1	0840	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	11-1	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	6480	11-1	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	6280	11-1	1100	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	11-1	1105	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	12-1	0615	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	12-1	0620	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	11116	12-1	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	12-1	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	12-1	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	12-1	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	12-1	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	12-1	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	13-1	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	13-1	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	13-1	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	13-1	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	13-1	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	13-1	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	14-1	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	14-1	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	14-1	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	6480	14-1	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	9240	17-1	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	17-1	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	17-1	0735	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	17-1	0740	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	17-1	0930	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	17-1	0935	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	17-1	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	17-1	0955	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	17-1	1030	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	17-1	1035	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	18-1	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	18-1	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	18-1	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	18-1	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	18-1	0835	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	18-1	0840	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	18-1	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	6480	18-1	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	6280	18-1	1100	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	18-1	1105	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	19-1	0615	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	19-1	0620	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	19-1	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	19-1	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	19-1	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	19-1	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	6280	19-1	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	19-1	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	20-1	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	20-1	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	20-1	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	20-1	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	20-1	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	20-1	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	20-1	0835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	20-1	0840	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	21-1	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	21-1	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	21-1	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	6480	21-1	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	9240	24-1	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	24-1	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	24-1	0735	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	24-1	0740	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	24-1	0930	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	24-1	0935	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	24-1	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	24-1	0955	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	24-1	1030	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	24-1	1035	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	25-1	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	25-1	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	25-1	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	25-1	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	25-1	0835	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	25-1	0840	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	25-1	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	6480	25-1	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(PY)
F03I	6280	25-1	1100	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	6280	25-1	1105	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/MPJ)
F03I	9240	26-1	0615	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	26-1	0620	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	26-1	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	26-1	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	26-1	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	26-1	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	26-1	1100	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6280	26-1	1105	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	9240	27-1	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	27-1	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	27-1	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	27-1	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	27-1	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	27-1	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	27-1	0835	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	14415	27-1	0840	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	28-1	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	28-1	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	28-1	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6480	28-1	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	31-1	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9240	31-1	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	31-1	0735	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	8800	31-1	0740	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	31-1	0930	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6304	31-1	0935	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	31-1	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11116	31-1	0955	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	31-1	1030	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	7837	31-1	1035	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F06	10378	2-1	1530	Mon	Russian diplo/intel. 11166 10053 78923 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9169	2-1	1540	Mon	Russian diplo/intel. 11166 10053 78923 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7419	2-1	1550	Mon	Russian diplo/intel. 11166 10053 78923 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6925	3-1	0500	Tue	Russian diplo/intel. 11166 70059 45213 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5235	3-1	0510	Tue	Russian diplo/intel. 11166 70059 45213 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4528	3-1	0520	Tue	Russian diplo/intel. 11166 70059 45213 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10294	3-1	0700	Tue	Russian diplo/intel. 11166 70202 93514 28085 02739	FSK 200/1000	(AB)
F06	8068	3-1	0710	Tue	Russian diplo/intel. 11166 70202 93514 28085 02739	FSK 200/1000	(AB)
F06	6769	3-1	0720	Tue	Russian diplo/intel. 11166 70202 93514 28085 02739	FSK 200/1000	(AB)
F06	10158	3-1	1200	Tue	Russian diplo/intel. 11166 70202 93514 28085 02739	FSK 200/1000	(MPJ)
F06	8023	3-1	1210	Tue	Russian diplo/intel. 11166 70202 93514 28085 02739	FSK 200/1000	(PY/MPJ)
F06	6796	3-1	1220	Tue	Russian diplo/intel. 11166 70202 93514 28085 02739	FSK 200/1000	(PY)
F06	10166	4-1	0030	Tue	Russian diplo/intel. 11166 60070 14785 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9064	4-1	0040	Tue	Russian diplo/intel. 11166 60070 14785 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8015	4-1	0050	Tue	Russian diplo/intel. 11166 60070 14785 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10294	4-1	0700	Tue	Russian diplo/intel. 11166 70202 36412 28086 01839 and 11166 70202 67931 28087 01779	FSK 200/1000	(AB)
F06	8068	4-1	0710	Tue	Russian diplo/intel. 11166 70202 36412 28086 01839 and 11166 70202 67931 28087 01779	FSK 200/1000	(AB)
F06	6769	4-1	0720	Tue	Russian diplo/intel. 11166 70202 36412 28086 01839 and 11166 70202 67931 28087 01779	FSK 200/1000	(AB)
F06	10158	4-1	1200	Tue	Russian diplo/intel. 11166 70202 36412 28086 01839 and 11166 70202 67931 28087 01779	FSK 200/1000	(AB/RL-HOL)
F06	8023	4-1	1210	Tue	Russian diplo/intel. 11166 70202 36412 28086 01839 and 11166 70202 67931 28087 01779	FSK 200/1000	(AB)

F06	6796	4-1	1220	Tue	Russian diplo/intel. 11166 70202 36412 28086 01839 and 11166 70202 67931 28087 01779	FSK 200/1000	(AB/RL-HOL)
F06	10383	4-1	1650	Tue	Russian diplo/intel. 11166 10053 15973 04075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9046	4-1	1700	Tue	Russian diplo/intel. 11166 10053 15973 04075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	7313	4-1	1710	Tue	Russian diplo/intel. 11166 10053 15973 04075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	20154	5-1	0600	Wed	Russian diplo/intel. 11166 40122 39620 01082 03269	FSK 200/1000	(AB-KOR/PY)
F06	18304	5-1	0610	Wed	Russian diplo/intel. 11166 40122 39620 01082 03269	FSK 200/1000	(AB-KOR/PY)
F06	16156	5-1	0620	Wed	Russian diplo/intel. 11166 40122 39620 01082 03269	FSK 200/1000	(AB-KOR/PY)
F06	10294	5-1	0700	Wed	Russian diplo/intel. 11166 70202 13468 28088 02559	FSK 200/1000	(AB)
F06	8068	5-1	0710	Wed	Russian diplo/intel. 11166 70202 13468 28088 02559	FSK 200/1000	(AB)
F06	6769	5-1	0720	Wed	Russian diplo/intel. 11166 70202 13468 28088 02559	FSK 200/1000	(AB)
F06	10158	5-1	1200	Wed	Russian diplo/intel. 11166 70202 13468 28088 02559	FSK 200/1000	(AB)
F06	8023	5-1	1210	Wed	Russian diplo/intel. 11166 70202 13468 28088 02559	FSK 200/1000	(AB)
F06	6796	5-1	1220	Wed	Russian diplo/intel. 11166 70202 13468 28088 02559	FSK 200/1000	(AB)
F06	20154	6-1	0600	Thu	Russian diplo/intel. 11166 40122 39620 01082 03269	FSK 200/1000	(AB-KOR/PY)
F06	18304	6-1	0610	Thu	Russian diplo/intel. 11166 40122 39620 01082 03269	FSK 200/1000	(AB-KOR)
F06	16156	6-1	0620	Thu	Russian diplo/intel. 11166 40122 39620 01082 03269	FSK 200/1000	(AB-KOR)
F06	10294	6-1	0700	Thu	Russian diplo/intel. 11166 70202 96358 28089 01819 and 11166 70202 85237 28090 01639	FSK 200/1000	(AB)
F06	8068	6-1	0710	Thu	Russian diplo/intel. 11166 70202 96358 28089 01819 and 11166 70202 85237 28090 01639	FSK 200/1000	(AB)
F06	6769	6-1	0720	Thu	Russian diplo/intel. 11166 70202 96358 28089 01819 and 11166 70202 85237 28090 01639	FSK 200/1000	(AB)
F06	10158	6-1	1200	Thu	Russian diplo/intel. 11166 70202 96358 28089 01819 and 11166 70202 85237 28090 01639	FSK 200/1000	(AB)
F06	8023	6-1	1210	Thu	Russian diplo/intel. 11166 70202 96358 28089 01819 and 11166 70202 85237 28090 01639	FSK 200/1000	(AB)
F06	6796	6-1	1220	Thu	Russian diplo/intel. 11166 70202 96358 28089 01819 and 11166 70202 85237 28090 01639	FSK 200/1000	(AB)
F06	12186	6-1	1330	Thu	Russian diplo/intel. 11166 80214 75319 06081 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL-HOL)
F06	10243	6-1	1340	Thu	Russian diplo/intel. 11166 80214 75319 06081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8175	6-1	1350	Thu	Russian diplo/intel. 11166 80214 75319 06081 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10294	7-1	0700	Fri	Russian diplo/intel. 11166 70202 84193 07051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8068	7-1	0710	Fri	Russian diplo/intel. 11166 70202 84193 07051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6769	7-1	0720	Fri	Russian diplo/intel. 11166 70202 84193 07051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10378	9-1	1530	Mon	Russian diplo/intel. 11166 10053 26489 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9169	9-1	1540	Mon	Russian diplo/intel. 11166 10053 26489 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7419	9-1	1550	Mon	Russian diplo/intel. 11166 10053 26489 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10294	10-1	0700	Tue	Russian diplo/intel. 11166 70202 57961 28091 02819	FSK 200/1000	(AB)
F06	8068	10-1	0710	Tue	Russian diplo/intel. 11166 70202 57961 28091 02819	FSK 200/1000	(AB)
F06	6769	10-1	0720	Tue	Russian diplo/intel. 11166 70202 57961 28091 02819	FSK 200/1000	(AB)
F06	10158	10-1	1200	Tue	Russian diplo/intel. 11166 70202 57961 28091 02819	FSK 200/1000	(AB)
F06	8023	10-1	1210	Tue	Russian diplo/intel. 11166 70202 57961 28091 02819	FSK 200/1000	(AB)
F06	6796	10-1	1220	Tue	Russian diplo/intel. 11166 70202 57961 28091 02819	FSK 200/1000	(AB-RUS)
F06	10166	11-1	0030	Tue	Russian diplo/intel. 11166 60070 54213 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9064	11-1	0040	Tue	Russian diplo/intel. 11166 60070 54213 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8015	11-1	0050	Tue	Russian diplo/intel. 11166 60070 54213 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10294	11-1	0700	Tue	Russian diplo/intel. 11166 70202 85231 10092 01879 and 11166 70202 36594 10093 01979	FSK 200/1000	(AB)
F06	8068	11-1	0710	Tue	Russian diplo/intel. 11166 70202 85231 10092 01879 and 11166 70202 36594 10093 01979	FSK 200/1000	(AB)

F06	6769	11-1	0720	Tue	Russian diplo/intel. 11166 70202 85231 10092 01879 and 11166 70202 36594 10093 01979	FSK 200/1000	(AB)
F06	10158	11-1	1200	Tue	Russian diplo/intel. 11166 70202 85231 10092 01879 and 11166 70202 36594 10093 01979	FSK 200/1000	(AB)
F06	8023	11-1	1210	Tue	Russian diplo/intel. 11166 70202 85231 10092 01879 and 11166 70202 36594 10093 01979	FSK 200/1000	(AB)
F06	6796	11-1	1220	Tue	Russian diplo/intel. 11166 70202 85231 10092 01879 and 11166 70202 36594 10093 01979	FSK 200/1000	(AB)
F06	10383	11-1	1650	Tue	Russian diplo/intel. 11166 10053 74563 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9046	11-1	1700	Tue	Russian diplo/intel. 11166 10053 74563 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	7313	11-1	1710	Tue	Russian diplo/intel. 11166 10053 74563 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	20154	12-1	0600	Wed	Russian diplo/intel. 11166 40122 56321 08083 03029 and 11166 40122 36952 08084 02579	FSK 200/1000	(AB-J)
F06	18304	12-1	0610	Wed	Russian diplo/intel. 11166 40122 56321 08083 03029 and 11166 40122 36952 08084 02579	FSK 200/1000	(AB-J)
F06	16156	12-1	0620	Wed	Russian diplo/intel. 11166 40122 56321 08083 03029 and 11166 40122 36952 08084 02579	FSK 200/1000	(AB-J)
F06	10294	12-1	0700	Wed	Russian diplo/intel. 11166 70202 57345 11094 02139	FSK 200/1000	(AB)
F06	8068	12-1	0710	Wed	Russian diplo/intel. 11166 70202 57345 11094 02139	FSK 200/1000	(AB)
F06	6769	12-1	0720	Wed	Russian diplo/intel. 11166 70202 57345 11094 02139	FSK 200/1000	(AB)
F06	19667	12-1	0900	Wed	Russian diplo/intel. 11166 00052 76315 12001 02529	FSK 200/1000	(AB)
F06	17546	12-1	0910	Wed	Russian diplo/intel. 11166 00052 76315 12001 02529	FSK 200/1000	(AB)
F06	15604	12-1	0920	Wed	Russian diplo/intel. 11166 00052 76315 12001 02529	FSK 200/1000	(AB)
F06	10158	12-1	1200	Wed	Russian diplo/intel. 11166 70202 57345 11094 02139	FSK 200/1000	(AB)
F06	8023	12-1	1210	Wed	Russian diplo/intel. 11166 70202 57345 11094 02139	FSK 200/1000	(AB)
F06	6796	12-1	1220	Wed	Russian diplo/intel. 11166 70202 57345 11094 02139	FSK 200/1000	(AB)
F06	20154	13-1	0600	Thu	Russian diplo/intel. 11166 40122 56321 08083 03029 and 11166 40122 36952 08084 02579	FSK 200/1000	(AB-J)
F06	18304	13-1	0610	Thu	Russian diplo/intel. 11166 40122 56321 08083 03029 and 11166 40122 36952 08084 02579	FSK 200/1000	(AB-J)
F06	16156	13-1	0620	Thu	Russian diplo/intel. 11166 40122 56321 08083 03029 and 11166 40122 36952 08084 02579	FSK 200/1000	(AB-J)
F06	10294	13-1	0700	Thu	Russian diplo/intel. 11166 70202 16358 12095 01599 and 11166 70202 74215 12096 01659	FSK 200/1000	(AB)
F06	8068	13-1	0710	Thu	Russian diplo/intel. 11166 70202 16358 12095 01599 and 11166 70202 74215 12096 01659	FSK 200/1000	(AB)
F06	6769	13-1	0720	Thu	Russian diplo/intel. 11166 70202 16358 12095 01599 and 11166 70202 74215 12096 01659	FSK 200/1000	(AB)
F06	19667	13-1	0900	Thu	Russian diplo/intel. 11166 00052 76315 12001 02529	FSK 200/1000	(AB)
F06	17546	13-1	0910	Thu	Russian diplo/intel. 11166 00052 76315 12001 02529	FSK 200/1000	(AB)
F06	15604	13-1	0920	Thu	Russian diplo/intel. 11166 00052 76315 12001 02529	FSK 200/1000	(AB)
F06	10158	13-1	1200	Thu	Russian diplo/intel. 11166 70202 16358 12095 01599 and 11166 70202 74215 12096 01659	FSK 200/1000	(AB/MPJ)
F06	8023	13-1	1210	Thu	Russian diplo/intel. 11166 70202 16358 12095 01599 and 11166 70202 74215 12096 01659	FSK 200/1000	(AB/MPJ)
F06	6796	13-1	1220	Thu	Russian diplo/intel. 11166 70202 16358 12095 01599 and 11166 70202 74215 12096 01659	FSK 200/1000	(AB/MPJ)
F06	12186	13-1	1330	Thu	Russian diplo/intel. 11166 80214 46823 13028 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10243	13-1	1340	Thu	Russian diplo/intel. 11166 80214 46823 13028 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8175	13-1	1350	Thu	Russian diplo/intel. 11166 80214 46823 13028 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10294	14-1	0700	Fri	Russian diplo/intel. 11166 70202 72195 14034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8068	14-1	0710	Fri	Russian diplo/intel. 11166 70202 72195 14034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6769	14-1	0720	Fri	Russian diplo/intel. 11166 70202 72195 14034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10378	16-1	1530	Mon	Russian diplo/intel. 11166 10053 15963 16070 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9169	16-1	1540	Mon	Russian diplo/intel. 11166 10053 15963 16070 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7419	16-1	1550	Mon	Russian diplo/intel. 11166 10053 15963 16070 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6925	17-1	0500	Tue	Russian diplo/intel. 11166 70059 54987 17075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5235	17-1	0510	Tue	Russian diplo/intel. 11166 70059 54987 17075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	4528	17-1	0520	Tue	Russian diplo/intel. 11166 70059 54987 17075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10294	17-1	0700	Tue	Russian diplo/intel. 11166 70202 15328 14097 02559	FSK 200/1000	(AB)
F06	8068	17-1	0710	Tue	Russian diplo/intel. 11166 70202 15328 14097 02559	FSK 200/1000	(AB)
F06	6769	17-1	0720	Tue	Russian diplo/intel. 11166 70202 15328 14097 02559	FSK 200/1000	(AB)
F06	10158	17-1	1200	Tue	Russian diplo/intel. 11166 70202 15328 14097 02559	FSK 200/1000	(AB)
F06	8023	17-1	1210	Tue	Russian diplo/intel. 11166 70202 15328 14097 02559	FSK 200/1000	(AB)
F06	6796	17-1	1220	Tue	Russian diplo/intel. 11166 70202 15328 14097 02559	FSK 200/1000	(AB-RUS)
F06	10294	18-1	0700	Tue	Russian diplo/intel. 11166 70202 85271 17098 01899 and 11166 70202 36594 17099 01939	FSK 200/1000	(AB)
F06	8068	18-1	0710	Tue	Russian diplo/intel. 11166 70202 85271 17098 01899 and 11166 70202 36594 17099 01939	FSK 200/1000	(AB)
F06	6769	18-1	0720	Tue	Russian diplo/intel. 11166 70202 85271 17098 01899 and 11166 70202 36594 17099 01939	FSK 200/1000	(AB)
F06	10158	18-1	1200	Tue	Russian diplo/intel. 11166 70202 85271 17098 01899 and 11166 70202 36594 17099 01939	FSK 200/1000	(AB)
F06	8023	18-1	1210	Tue	Russian diplo/intel. 11166 70202 85271 17098 01899 and 11166 70202 36594 17099 01939	FSK 200/1000	(AB)
F06	6796	18-1	1220	Tue	Russian diplo/intel. 11166 70202 85271 17098 01899 and 11166 70202 36594 17099 01939	FSK 200/1000	(AB)
F06	10383	18-1	1650	Tue	Russian diplo/intel. 11166 10053 64213 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9046	18-1	1700	Tue	Russian diplo/intel. 11166 10053 64213 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7313	18-1	1710	Tue	Russian diplo/intel. 11166 10053 64213 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20154	19-1	0600	Wed	Russian diplo/intel. 11166 40122 36254 19025 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	18304	19-1	0610	Wed	Russian diplo/intel. 11166 40122 36254 19025 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	16156	19-1	0620	Wed	Russian diplo/intel. 11166 40122 36254 19025 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	10294	19-1	0700	Wed	Russian diplo/intel. 11166 70202 86591 18001 02199	FSK 200/1000	(AB)
F06	8068	19-1	0710	Wed	Russian diplo/intel. 11166 70202 86591 18001 02199	FSK 200/1000	(AB)
F06	6769	19-1	0720	Wed	Russian diplo/intel. 11166 70202 86591 18001 02199	FSK 200/1000	(AB)
F06	10158	19-1	1200	Wed	Russian diplo/intel. 11166 70202 86591 18001 02199	FSK 200/1000	(AB)
F06	8023	19-1	1210	Wed	Russian diplo/intel. 11166 70202 86591 18001 02199	FSK 200/1000	(AB)
F06	6796	19-1	1220	Wed	Russian diplo/intel. 11166 70202 86591 18001 02199	FSK 200/1000	(AB)
F06	10294	20-1	0700	Thu	Russian diplo/intel. 11166 70202 15328 19002 01839 and 11166 70202 62485 19003 02099	FSK 200/1000	(AB)
F06	8068	20-1	0710	Thu	Russian diplo/intel. 11166 70202 15328 19002 01839 and 11166 70202 62485 19003 02099	FSK 200/1000	(AB)
F06	6769	20-1	0720	Thu	Russian diplo/intel. 11166 70202 15328 19002 01839 and 11166 70202 62485 19003 02099	FSK 200/1000	(AB)
F06	10158	20-1	1200	Thu	Russian diplo/intel. 11166 70202 15328 19002 01839 and 11166 70202 62485 19003 02099	FSK 200/1000	(AB/MPJ-HNG)
F06	8023	20-1	1210	Thu	Russian diplo/intel. 11166 70202 15328 19002 01839 and 11166 70202 62485 19003 02099	FSK 200/1000	(AB/MPJ-HNG)
F06	6796	20-1	1220	Thu	Russian diplo/intel. 11166 70202 15328 19002 01839 and 11166 70202 62485 19003 02099	FSK 200/1000	(AB/MPJ-HNG)
F06	12186	20-1	1330	Thu	Russian diplo/intel. 11166 80214 75139 20056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10243	20-1	1340	Thu	Russian diplo/intel. 11166 80214 75139 20056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8175	20-1	1350	Thu	Russian diplo/intel. 11166 80214 75139 20056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10294	21-1	0700	Fri	Russian diplo/intel. 11166 70202 95137 21061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8068	21-1	0710	Fri	Russian diplo/intel. 11166 70202 95137 21061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6769	21-1	0720	Fri	Russian diplo/intel. 11166 70202 95137 21061 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10378	23-1	1530	Mon	Russian diplo/intel. 11166 10053 96321 23070 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9169	23-1	1540	Mon	Russian diplo/intel. 11166 10053 96321 23070 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7419	23-1	1550	Mon	Russian diplo/intel. 11166 10053 96321 23070 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10294	24-1	0700	Tue	Russian diplo/intel. 11166 70202 95137 21004 02119	FSK 200/1000	(AB)
F06	8068	24-1	0710	Tue	Russian diplo/intel. 11166 70202 95137 21004 02119	FSK 200/1000	(AB)

F06	6769	24-1	0720	Tue	Russian diplo/intel. 11166 70202 95137 21004 02119	FSK 200/1000	(AB)
F06	10158	24-1	1200	Tue	Russian diplo/intel. 11166 70202 95137 21004 02119	FSK 200/1000	(AB)
F06	8023	24-1	1210	Tue	Russian diplo/intel. 11166 70202 95137 21004 02119	FSK 200/1000	(AB)
F06	6796	24-1	1220	Tue	Russian diplo/intel. 11166 70202 95137 21004 02119	FSK 200/1000	(AB-RUS)
F06	10166	25-1	0030	Tue	Russian diplo/intel. Null message on link 60070. Too weak to decode	FSK 200/1000	(AB)
F06	9064	25-1	0040	Tue	Russian diplo/intel. Null message on link 60070. Too weak to decode	FSK 200/1000	(AB)
F06	8015	25-1	0050	Tue	Russian diplo/intel. Null message on link 60070. Too weak to decode	FSK 200/1000	(AB)
F06	10294	25-1	0700	Tue	Russian diplo/intel. 11166 70202 57821 24005 01839 and 11166 70202 64917 24006 01659	FSK 200/1000	(AB)
F06	8068	25-1	0710	Tue	Russian diplo/intel. 11166 70202 57821 24005 01839 and 11166 70202 64917 24006 01659	FSK 200/1000	(AB)
F06	6769	25-1	0720	Tue	Russian diplo/intel. 11166 70202 57821 24005 01839 and 11166 70202 64917 24006 01659	FSK 200/1000	(AB)
F06	10158	25-1	1200	Tue	Russian diplo/intel. 11166 70202 57821 24005 01839 and 11166 70202 64917 24006 01659	FSK 200/1000	(AB/MPJ-AUT)
F06	8023	25-1	1210	Tue	Russian diplo/intel. 11166 70202 57821 24005 01839 and 11166 70202 64917 24006 01659	FSK 200/1000	(AB/MPJ-AUT)
F06	6796	25-1	1220	Tue	Russian diplo/intel. 11166 70202 57821 24005 01839 and 11166 70202 64917 24006 01659	FSK 200/1000	(AB/MPJ-AUT)
F06	10383	25-1	1650	Tue	Russian diplo/intel. 11166 10053 65874 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9046	25-1	1700	Tue	Russian diplo/intel. 11166 10053 65874 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	7313	25-1	1710	Tue	Russian diplo/intel. 11166 10053 65874 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	20154	26-1	0600	Wed	Russian diplo/intel. 11166 40122 15947 22085 03719	FSK 200/1000	(AB-KOR)
F06	18304	26-1	0610	Wed	Russian diplo/intel. 11166 40122 15947 22085 03719	FSK 200/1000	(AB-KOR)
F06	16156	26-1	0620	Wed	Russian diplo/intel. 11166 40122 15947 22085 03719	FSK 200/1000	(AB-J)
F06	10294	26-1	0700	Wed	Russian diplo/intel. 11166 70202 19254 25007 02559	FSK 200/1000	(AB)
F06	8068	26-1	0710	Wed	Russian diplo/intel. 11166 70202 19254 25007 02559	FSK 200/1000	(AB)
F06	6769	26-1	0720	Wed	Russian diplo/intel. 11166 70202 19254 25007 02559	FSK 200/1000	(AB)
F06	19667	26-1	0900	Wed	Russian diplo/intel. 11166 00052 17935 26002 02859	FSK 200/1000	(AB)
F06	17546	26-1	0910	Wed	Russian diplo/intel. 11166 00052 17935 26002 02859	FSK 200/1000	(AB)
F06	15604	26-1	0920	Wed	Russian diplo/intel. 11166 00052 17935 26002 02859	FSK 200/1000	(AB)
F06	10158	26-1	1200	Wed	Russian diplo/intel. 11166 70202 19254 25007 02559	FSK 200/1000	(AB)
F06	8023	26-1	1210	Wed	Russian diplo/intel. 11166 70202 19254 25007 02559	FSK 200/1000	(AB)
F06	6796	26-1	1220	Wed	Russian diplo/intel. 11166 70202 19254 25007 02559	FSK 200/1000	(AB)
F06	20154	27-1	0600	Thu	Russian diplo/intel. 11166 40122 15947 22085 03719	FSK 200/1000	(AB-J)
F06	18304	27-1	0610	Thu	Russian diplo/intel. 11166 40122 15947 22085 03719	FSK 200/1000	(AB-KOR)
F06	16156	27-1	0620	Thu	Russian diplo/intel. 11166 40122 15947 22085 03719	FSK 200/1000	(AB-J)
F06	10294	27-1	0700	Thu	Russian diplo/intel. 11166 70202 75391 26008 01739 and 11166 70202 95146 26009 02219	FSK 200/1000	(AB)
F06	8068	27-1	0710	Thu	Russian diplo/intel. 11166 70202 75391 26008 01739 and 11166 70202 95146 26009 02219	FSK 200/1000	(AB)
F06	6769	27-1	0720	Thu	Russian diplo/intel. 11166 70202 75391 26008 01739 and 11166 70202 95146 26009 02219	FSK 200/1000	(AB)
F06	19667	27-1	0900	Thu	Russian diplo/intel. 11166 00052 17935 26002 02859	FSK 200/1000	(AB)
F06	17546	27-1	0910	Thu	Russian diplo/intel. 11166 00052 17935 26002 02859	FSK 200/1000	(AB)
F06	15604	27-1	0920	Thu	Russian diplo/intel. 11166 00052 17935 26002 02859	FSK 200/1000	(AB)
F06	10158	27-1	1200	Thu	Russian diplo/intel. 11166 70202 75391 26008 01739 and 11166 70202 95146 26009 02219	FSK 200/1000	(AB)
F06	8023	27-1	1210	Thu	Russian diplo/intel. 11166 70202 75391 26008 01739 and 11166 70202 95146 26009 02219	FSK 200/1000	(AB)
F06	6796	27-1	1220	Thu	Russian diplo/intel. 11166 70202 75391 26008 01739 and 11166 70202 95146 26009 02219	FSK 200/1000	(AB)
F06	12186	27-1	1330	Thu	Russian diplo/intel. 11166 80214 85247 27091 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10243	27-1	1340	Thu	Russian diplo/intel. 11166 80214 85247 27091 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	8175	27-1	1350	Thu	Russian diplo/intel. 11166 80214 85247 27091 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10294	28-1	0700	Fri	Russian diplo/intel. 11166 70202 23517 28027 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8068	28-1	0710	Fri	Russian diplo/intel. 11166 70202 23517 28027 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6769	28-1	0720	Fri	Russian diplo/intel. 11166 70202 23517 28027 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10378	30-1	1530	Mon	Russian diplo/intel. 11166 10053 52369 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9169	30-1	1540	Mon	Russian diplo/intel. 11166 10053 52369 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	7419	30-1	1550	Mon	Russian diplo/intel. 11166 10053 52369 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10294	31-1	0700	Tue	Russian diplo/intel. 11166 70202 14269 29010 02439	FSK 200/1000	(AB)
F06	8068	31-1	0710	Tue	Russian diplo/intel. 11166 70202 14269 29010 02439	FSK 200/1000	(AB)
F06	6769	31-1	0720	Tue	Russian diplo/intel. 11166 70202 14269 29010 02439	FSK 200/1000	(AB)
F06	10158	31-1	1200	Tue	Russian diplo/intel. 11166 70202 14269 29010 02439	FSK 200/1000	(AB/MPJ)
F06	8023	31-1	1210	Tue	Russian diplo/intel. 11166 70202 14269 29010 02439	FSK 200/1000	(AB/MPJ)
F06	6796	31-1	1220	Tue	Russian diplo/intel. 11166 70202 14269 29010 02439	FSK 200/1000	(AB/MPJ)
F06a	18276	1-1	1500	Sat	Russian diplo/intel. File 04402	FSK 200/1000	(AB-RUS/MPJ)
F06a	16213	1-1	1515	Sat	Russian diplo/intel. File 04402	FSK 200/1000	(AB-RUS/MPJ)
F06a	14493	1-1	1530	Sat	Russian diplo/intel. File 04402	FSK 200/1000	(AB/MPJ)
F06a	18276	2-1	1500	Mon	Russian diplo/intel. File 04402	FSK 200/1000	(AB-RUS)
F06a	16213	2-1	1515	Mon	Russian diplo/intel. File 04402	FSK 200/1000	(AB-RUS)
F06a	14493	2-1	1530	Mon	Russian diplo/intel. File 04402	FSK 200/1000	(AB)
F06a	6823	6-1	0500	Thu	Russian diplo/intel. File 04409	FSK 200/1000	(AB)
F06a	5813	6-1	0515	Thu	Russian diplo/intel. File 04409	FSK 200/1000	(AB)
F06a	4816	6-1	0530	Thu	Russian diplo/intel. File 04409	FSK 200/1000	(AB)
F06a	6823	7-1	0500	Fri	Russian diplo/intel. File 04409	FSK 200/1000	(AB)
F06a	5813	7-1	0515	Fri	Russian diplo/intel. File 04409	FSK 200/1000	(AB)
F06a	4816	7-1	0530	Fri	Russian diplo/intel. File 04409	FSK 200/1000	(AB)
F06a	18276	8-1	1500	Sat	Russian diplo/intel. File 04403	FSK 200/1000	(AB-RUS)
F06a	16213	8-1	1515	Sat	Russian diplo/intel. File 04403	FSK 200/1000	(AB-RUS)
F06a	14493	8-1	1530	Sat	Russian diplo/intel. File 04403	FSK 200/1000	(AB)
F06a	18276	9-1	1500	Mon	Russian diplo/intel. File 04403	FSK 200/1000	(AB-RUS/MPJ)
F06a	16213	9-1	1515	Mon	Russian diplo/intel. File 04403	FSK 200/1000	(AB-RUS/MPJ)
F06a	14493	9-1	1530	Mon	Russian diplo/intel. File 04403	FSK 200/1000	(AB/MPJ)
F06a	6823	13-1	0500	Thu	Russian diplo/intel. File 04410	FSK 200/1000	(AB)
F06a	5813	13-1	0515	Thu	Russian diplo/intel. File 04410	FSK 200/1000	(AB)
F06a	4816	13-1	0530	Thu	Russian diplo/intel. File 04410	FSK 200/1000	(AB)
F06a	6823	14-1	0500	Fri	Russian diplo/intel. File 04410	FSK 200/1000	(AB)
F06a	5813	14-1	0515	Fri	Russian diplo/intel. File 04410	FSK 200/1000	(AB)
F06a	4816	14-1	0530	Fri	Russian diplo/intel. File 04410	FSK 200/1000	(AB)
F06a	18276	15-1	1500	Sat	Russian diplo/intel. File 04404	FSK 200/1000	(AB/MPJ)
F06a	16213	15-1	1515	Sat	Russian diplo/intel. File 04404	FSK 200/1000	(AB/MPJ)
F06a	14493	15-1	1530	Sat	Russian diplo/intel. File 04404	FSK 200/1000	(AB/MPJ)
F06a	18276	16-1	1500	Mon	Russian diplo/intel. File 04404	FSK 200/1000	(AB-RUS/MPJ)
F06a	16213	16-1	1515	Mon	Russian diplo/intel. File 04404	FSK 200/1000	(AB-RUS/MPJ)

F06a	14493	16-1	1530	Mon	Russian diplo/intel. File 04404	FSK 200/1000	(AB/MPJ)
F06a	6823	20-1	0500	Thu	Russian diplo/intel. File 04411	FSK 200/1000	(AB-RUS)
F06a	5813	20-1	0515	Thu	Russian diplo/intel. File 04411	FSK 200/1000	(AB-RUS)
F06a	4816	20-1	0530	Thu	Russian diplo/intel. File 04411	FSK 200/1000	(AB)
F06a	6823	21-1	0500	Fri	Russian diplo/intel. File 04411	FSK 200/1000	(AB-RUS)
F06a	5813	21-1	0515	Fri	Russian diplo/intel. File 04411	FSK 200/1000	(AB)
F06a	4816	21-1	0530	Fri	Russian diplo/intel. File 04411	FSK 200/1000	(AB)
F06a	18276	22-1	1500	Sat	Russian diplo/intel. File 04405	FSK 200/1000	(AB/MPJ)
F06a	16213	22-1	1515	Sat	Russian diplo/intel. File 04405	FSK 200/1000	(AB/MPJ)
F06a	14493	22-1	1530	Sat	Russian diplo/intel. File 04405	FSK 200/1000	(AB/MPJ)
F06a	18276	23-1	1500	Mon	Russian diplo/intel. File 04405	FSK 200/1000	(AB)
F06a	16213	23-1	1515	Mon	Russian diplo/intel. File 04405	FSK 200/1000	(AB)
F06a	14493	23-1	1530	Mon	Russian diplo/intel. File 04405	FSK 200/1000	(AB)
F06a	6823	27-1	0500	Thu	Russian diplo/intel. File 04412	FSK 200/1000	(AB)
F06a	5813	27-1	0515	Thu	Russian diplo/intel. File 04412	FSK 200/1000	(AB)
F06a	4816	27-1	0530	Thu	Russian diplo/intel. File 04412	FSK 200/1000	(AB)
F06a	6823	28-1	0500	Fri	Russian diplo/intel. File 04412	FSK 200/1000	(AB-RUS)
F06a	5813	28-1	0515	Fri	Russian diplo/intel. File 04412	FSK 200/1000	(AB)
F06a	4816	28-1	0530	Fri	Russian diplo/intel. File 04412	FSK 200/1000	(AB)
F06a	18276	29-1	1500	Sat	Russian diplo/intel. File 04406	FSK 200/1000	(AB/MPJ/RL)
F06a	16213	29-1	1515	Sat	Russian diplo/intel. File 04406	FSK 200/1000	(AB/MPJ/RL)
F06a	14493	29-1	1530	Sat	Russian diplo/intel. File 04406	FSK 200/1000	(AB/MPJ/RL)
F06a	18276	30-1	1500	Mon	Russian diplo/intel. File 04406	FSK 200/1000	(AB/MPJ)
F06a	16213	30-1	1515	Mon	Russian diplo/intel. File 04406	FSK 200/1000	(AB/MPJ)
F06a	14493	30-1	1530	Mon	Russian diplo/intel. File 04406	FSK 200/1000	(AB/MPJ)
F9TM	3536	20-1	1803	Thu	F9TM : non-stop 5-character groups composed of M51a messages.	CW	(AB)
F9TM	3536	20-1	1920	Thu	CQF CQF DE F9TM K. CQF CQF DE F9TM FIN DURZO 73/88 73 73 / 73 / 73 VA VA	CW	(AB)
F9TM	3536	27-1	1901	Thu	F9TM wkg various stations	CW	(AB)
HM01	11530	1-1	1700	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11635	2-1	1830	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11530	3-1	1700	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11530	3-1	1700	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	4-1	1630	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	17480	4-1	2054	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	16180	4-1	2059	Tue	i.p. 10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	11530	5-1	1659	Wed	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11635	5-1	1826	Wed	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	6-1	1600	Thu	10784â32433â27523â53823â47472â22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	16180	6-1	2107	Thu	10784 32433 27523 53823 47472 22442 (repeat of 23-09). Tx started at 2107z mixing two audio channels. Back to normal at 2116z	AM/RDFT	(RL)
HM01	11435	7-1	1600	Fri	10784â32433â27523â53823â47472â22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	8-1	1600	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)

HM01	11530	8-1	1754	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09) Should be on 11635 kHz. Switched at 1801z	AM/RDFT	(AB-USA)
HM01	11635	8-1	1801	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	16180	8-1	2054	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	17480	8-1	2157	Sat	i.p. 10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	11530	9-1	1730	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11635	9-1	1824	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11435	10-1	1600	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	11-1	1613	Tue	i.p. 10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11435	11-1	1623	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	12-1	1623	Wed	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	10715	12-1	2154	Wed	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	11435	13-1	1634	Thu	i.p. 10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11530	13-1	1702	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11530	14-1	1658	Fri	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	15-1	1630	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	16-1	1600	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11635	16-1	1825	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11530	17-1	1658	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11635	17-1	1824	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	18-1	1600	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	19-1	1555	Wed	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	20-1	1630	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	20-1	1634	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	16180	20-1	2053	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	17480	20-1	2153	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	11435	21-1	1600	Fri	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	21-1	1612	Fri	i.p. 10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11435	22-1	1600	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11530	23-1	1700	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11635	23-1	1826	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	16180	23-1	2059	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	16180	23-1	2059	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	11435	24-1	1625	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11530	24-1	1737	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11435	25-1	1608	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	26-1	1602	Wed	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	27-1	1628	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11530	27-1	1700	Thu	i.p. 10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	16180	27-1	2100	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	17480	27-1	2158	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	11530	28-1	1724	Fri	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11635	28-1	1805	Fri	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)

HM01	11435	29-1	1630	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11530	29-1	1753	Sat	10784á32433á27523á53823á47472á22442 (repeat of 23-09) Should be on 11635 kHz. 1802z: Two messages mixing. Switched at 1807z to 11635 kHz	AM/RDFT	(AB-USA)
HM01	11635	29-1	1807	Sat	10784á32433á27523á53823á47472á22442 (repeat of 23-09) Two messages mixing.	AM/RDFT	(AB-USA)
HM01	11435	30-1	1600	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	31-1	1630	Tue	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
M01	5810	1-1	1500	Sat	197 202 202 30 30 = = 37654 09876 23671 ... 11122 87690 33221 = = 202 202 30 30 000	CW	(AB/MPJ)
M01	5465	2-1	0700	Mon	197 189 189 30 30 = = 89001 67675 54356 ... 05678 13567 90876 189 189 30 30 000	CW	(AB)
M01	5320	6-1	1800	Thu	197 ... Active but uncopyable	CW	(MPJ-AUT)
M01	4490	6-1	2000	Thu	197 241 241 30 30 = = 38495 96875 10345 ... 46578 22001 33221 = = 241 241 30 30 000	CW	(AB)
M01	5810	8-1	1500	Sat	197 847 847 30 30 = = 47564 83746 22665 ... 57465 47564 56455 = = 847 847 30 00	CW	(AB/BR/RL-HOL)
M01	5465	9-1	0700	Mon	197 375 375 30 30 = = 06453 77556 36457 ... 34985 55667 88899 = = 375 375 30 30 000	CW	(AB)
M01	5320	11-1	1800	Tue	197 409 409 30 30 = = 44657 90789 24355 ... 47635 47567 14234 = = 409 409 30 30 000	CW	(AB/MPJ)
M01	5320	13-1	1800	Thu	197 730 730 30 30 = = 79085 56789 23671 ... 28287 44900 31312 = = 730 730 30 30 000	CW	(MPJ-AUT)
M01	5810	15-1	1500	Sat	197 113 113 30 30 = = 89076 23456 12345 ... 24456 10270 03068 = = 113 113 30 30 000	CW	(AB-FIN/MPJ-HNG)
M01	5465	16-1	0700	Mon	197 068 068 30 30 = = 34780 90765 12345 ... 11234 23456 4 = = 068 068 30 30 000 Last group was not sent	CW	(AB)
M01	5320	18-1	1800	Tue	197 345 345 30 30 = = 90123 76584 44567 23234 ...	CW	(AB)
M01	4490	18-1	2100	Tue	197 567 567 30 30 = = 57640 45908 23456 ... 22334 67890 23565 = = 567 568 30 30 0000	CW	(AB-RUS)
M01	5810	22-1	1500	Sat	197 active, too weak to copy	CW	(MPJ)
M01	5465	23-1	0700	Mon	197 678 6778 30 30 = = 65432 12345 67890 ... 34567 668877 66887 99087 678 678 30 30 = = 000	CW	(AB)
M01	5320	25-1	1800	Tue	197 091 091 30 30 = = 56743 86790 34562 ... 67675 89897 19980 = = 091 091 30 30 000	CW	(MPJ-AUT)
M01	4490	25-1	2100	Tue	197 515 515 30 30 = = 56478 90765 12345 ... 66890 75584 33221 = = 515 515 30 30 000	CW	(AB)
M01	5320	27-1	1800	Thu	197 235 235 30 30 = = 14526 78965 23452 ... 35642 78789 15154 = = 235 235 30 30 000	CW	(MPJ-AUT)
M01	4490	27-1	2000	Thu	197 199 199 30 30 = = 90765 34256 78654 ... 78906 25643 15154 = = 199 199 30 30 000	CW	(AB-FIN)
M01	5810	29-1	1500	Sat	197 156 156 30 30 = = 16758 90564 78567 ... 25643 78786 19826 = = 156 156 30 30 000	CW	(AB-FIN/MPJ-HNG)
M01	5465	30-1	0700	Mon	sent only 29 groups 197 228 228 30 30 = = 56478 98980 57648 ... 78365 10809 24531 228 228 30 30 = = 000	CW	(AB)
M12	5778	1-1	2200	Sat	771 771 771 000	CW	(AB)
M12	6778	1-1	2220	Sat	771 771 771 000	CW	(AB)
M12	11439	2-1	0110	Mon	432 432 432 000	CW	(AB/HFD)
M12	10339	2-1	0130	Mon	432 432 432 000	CW	(AB/HFD)
M12	16357	2-1	0800	Mon	343 343 343 000	CW	(AB/HFD)
M12	17457	2-1	0820	Mon	343 343 343 000	CW	(AB/HFD)
M12	17418	3-1	1400	Tue	439 439 439 000	CW	(Anon/HFD)
M12	16318	3-1	1420	Tue	439 439 439 000	CW	(AB/HFD)
M12	6937	3-1	2210	Tue	975 975 975 000	CW	(AB/RL/HFD)
M12	5737	3-1	2230	Tue	975 975 975 000	CW	(AB/RL/HFD)
M12	5886	4-1	0030	Tue	874 874 874 000	CW	(AB/HFD)
M12	6786	4-1	0050	Tue	874 874 874 000	CW	(AB/HFD)
M12	16357	5-1	0800	Wed	343 343 343 000	CW	(AB)

M12	17457	5-1	0820	Wed	343 343 343 000	CW	(AB)
M12	6782	5-1	2000	Wed	781 781 781 000	CW	(AB/HFD)
M12	5882	5-1	2020	Wed	781 781 781 000	CW	(AB/HFD)
M12	17472	6-1	0100	Thu	429 429 429 1 548 86 548 86 07270 54812 91761 ... 25439 92125 65590 000 000	CW	(PY-RUS)
M12	11439	6-1	0110	Thu	432 432 432 1 314 68 314 68 16027 52088 09667 ... 24851 53913 58285 000 000	CW	(PY-RUS)
M12	16272	6-1	0120	Thu	429 429 429 1 548 86 548 86 07270 54812 91761 ... 25439 92125 65590 000 000	CW	(PY-RUS)
M12	10339	6-1	0130	Thu	432 432 432 1 314 68 314 68 16027 52088 09667 ... 24851 53913 58285 000 000	CW	(PY-RUS)
M12	17418	6-1	1400	Thu	439 439 439 000	CW	(AB/MPJ)
M12	16318	6-1	1420	Thu	439 439 439 000	CW	(AB/MPJ/RL-HOL)
M12	6937	6-1	2210	Thu	975 975 975 000	CW	(AB/RL)
M12	5737	6-1	2230	Thu	975 975 975 000	CW	(AB/RL)
M12	10279	6-1	2320	Thu	136 136 136 000	CW	(RL)
M12	5886	7-1	0030	Fri	874 874 874 000	CW	(AB)
M12	15953	7-1	0030	Fri	294 294 294 1 6205 80 6205 80 83556 11641 95865 ... 93520 65764 64980 000 000	CW	(Anon)
M12	6786	7-1	0050	Fri	874 874 874 000	CW	(AB)
M12	6782	7-1	2000	Fri	781 781 781 000	CW	(AB)
M12	5882	7-1	2020	Fri	781 781 781 000	CW	(AB)
M12	5778	7-1	2200	Fri	771 771 771 000	CW	(AB/HFD)
M12	6778	7-1	2220	Fri	771 771 771 000	CW	(AB/HFD)
M12	5778	8-1	2200	Sat	771 771 771 000	CW	(AB/RL)
M12	6778	8-1	2220	Sat	771 771 771 000	CW	(AB/RL)
M12	16357	9-1	0800	Mon	343 343 343 000	CW	(AB)
M12	17457	9-1	0820	Mon	343 343 343 000	CW	(AB)
M12	17418	10-1	1400	Tue	439 439 439 1 492 61 492 61 81579 58884 25371 ... 72918 90454 35638 000 000	CW	(AB)
M12	16318	10-1	1420	Tue	439 439 439 1 492 61 492 61 81579 58884 25371 ... 72918 90454 35638 000 000	CW	(AB)
M12	6937	10-1	2210	Tue	975 975 975 1 446 81 446 81 52319 18408 30293 ... 40030 67297 42658 000 000	CW	(AB/RL)
M12	5737	10-1	2230	Tue	975 975 975 1 446 81 446 81 52319 18408 30293 ... 40030 67297 42658 000 000	CW	(AB/RL))
M12	4537	10-1	2250	Tue	975 975 975 1 446 81 446 81 52319 18408 30293 ... 40030 67297 42658 000 000	CW	(AB)
M12	11079	10-1	2300	Tue	136 136 136 1 731 56 731 56 62405 32809 70561 ... 48999 67363 49524 000 000	CW	(RL)
M12	10279	10-1	2320	Tue	136 136 136 1 731 56 731 56 62405 32809 70561 ... 48999 67363 49524 000 000	CW	(RL)
M12	9179	10-1	2340	Tue	136 136 136 1 731 56 731 56 62405 32809 70561 ... 48999 67363 49524 000 000	CW	(AB/RL)
M12	5886	11-1	0030	Tue	874 874 874 1 6149 61 6149 61 50238 29785 18949 ... 01262 81914 82586 000 000	CW	(AB)
M12	6786	11-1	0050	Tue	874 874 874 1 6149 61 6149 61 50238 29785 18949 ... 01262 81914 82586 000 000	CW	(AB)
M12	7486	11-1	0110	Tue	874 874 874 1 6149 61 6149 61 50238 29785 18949 ... 01262 81914 82586 000 000	CW	(AB)
M12	16357	12-1	0800	Wed	343 343 343 1 684 81 684 81 71282 30282 37404 ... 07648 89340 94394 000 000	CW	(AB)
M12	17457	12-1	0820	Wed	343 343 343 1 684 81 684 81 71282 30282 37404 ... 07648 89340 94394 000 000	CW	(AB)
M12	18357	12-1	0840	Wed	343 343 343 1 684 81 684 81 71282 30282 37404 ... 07648 89340 94394 000 000	CW	(AB)
M12	6782	12-1	2000	Wed	781 781 781 1 133 88 133 88 31009 43099 70483 ... 48456 65610 55137 000 000	CW	(AB/RL-HOL)
M12	5882	12-1	2020	Wed	781 781 781 1 133 88 133 88 31009 43099 70483 ... 48456 65610 55137 000 000	CW	(AB/RL-HOL)
M12	5182	12-1	2040	Wed	781 781 781 1 133 88 133 88 31009 43099 70483 ... 48456 65610 55137 000 000	CW	(AB)
M12	13386	13-1	1110	Thu	725 725 725 1 5534 96 5534 96 21709 63053 83409 ... 90289 04917 55386 000 000	CW	(AB/MPJ)
M12	12189	13-1	1130	Thu	725 725 725 1 5534 96 5534 96 21709 63053 83409 ... 90289 04917 55386 000 000	CW	(AB/MPJ)

M12	11491	13-1	1150	Thu	725 725 725 1 5534 96 5534 96 21709 63053 83409 ... 90289 04917 55386 000 000	CW	(AB/MPJ)
M12	17418	13-1	1400	Thu	439 439 439 1 492 61 492 61 81579 58884 25371 ... 72918 90454 35638 000 000	CW	(AB/MPJ)
M12	16318	13-1	1420	Thu	439 439 439 1 492 61 492 61 81579 58884 25371 ... 72918 90454 35638 000 000	CW	(AB/MPJ)
M12	14918	13-1	1440	Thu	439 439 439 1 492 61 492 61 81579 58884 25371 ... 72918 90454 35638 000 000	CW	(AB/MPJ)
M12	6937	13-1	2210	Thu	975 975 975 1 446 81 446 81 52319 18408 30293 ... 40030 67297 42658 000 000	CW	(AB)
M12	5737	13-1	2230	Thu	975 975 975 1 446 81 446 81 52319 18408 30293 ... 40030 67297 42658 000 000	CW	(AB/RL)
M12	4537	13-1	2250	Thu	975 975 975 1 446 81 446 81 52319 18408 30293 ... 40030 67297 42658 000 000	CW	(AB/RL)
M12	10279	13-1	2320	Thu	136 136 136 1 731 56 731 56 62405 32809 70561 ... 48999 67363 49524 000 000	CW	(RL)
M12	9179	13-1	2340	Thu	136 136 136 1 731 56 731 56 62405 32809 70561 ... 48999 67363 49524 000 000	CW	(RL)
M12	5886	14-1	0030	Fri	874 874 874 1 6149 61 6149 61 50238 29785 18949 ... 01262 81914 82586 000 000	CW	(AB)
M12	6786	14-1	0050	Fri	874 874 874 1 6149 61 6149 61 50238 29785 18949 ... 01262 81914 82586 000 000	CW	(AB)
M12	7486	14-1	0110	Fri	874 874 874 1 6149 61 6149 61 50238 29785 18949 ... 01262 81914 82586 000 000	CW	(AB)
M12	6782	14-1	2000	Fri	781 781 781 1 133 88 133 88 31009 43099 70483 ... 48456 65610 55137 000 000	CW	(AB/RL-HOL)
M12	5882	14-1	2020	Fri	781 781 781 1 133 88 133 88 31009 43099 70483 ... 48456 65610 55137 000 000	CW	(AB/RL-HOL)
M12	5182	14-1	2040	Fri	781 781 781 1 133 88 133 88 31009 43099 70483 ... 48456 65610 55137 000 000	CW	(AB)
M12	5778	14-1	2200	Fri	771 771 771 000	CW	(AB)
M12	6778	14-1	2220	Fri	771 771 771 000	CW	(AB)
M12	5778	15-1	2200	Sat	771 771 771 000	CW	(AB)
M12	6778	15-1	2220	Sat	771 771 771 000	CW	(AB)
M12	16357	16-1	0800	Mon	343 343 343 1 684 81 684 81 71282 30282 37404 ... 07648 89340 94394 000 000	CW	(AB)
M12	17457	16-1	0820	Mon	343 343 343 1 684 81 684 81 71282 30282 37404 ... 07648 89340 94394 000 000	CW	(AB)
M12	18357	16-1	0840	Mon	343 343 343 1 684 81 684 81 71282 30282 37404 ... 07648 89340 94394 000 000	CW	(AB)
M12	14377	17-1	1130	Tue	317 317 317 1 8365 91 8365 91 82718 64085 68554 ... 79490 96637 85864 000 000	CW	(AB/MPJ)
M12	13461	17-1	1150	Tue	317 317 317 1 8365 91 8365 91 82718 64085 68554 ... 79490 96637 85864 000 000	CW	(AB/MPJ)
M12	12114	17-1	1210	Tue	317 317 317 1 8365 91 8365 91 82718 64085 68554 ... 79490 96637 85864 000 000	CW	(AB/MPJ)
M12	17418	17-1	1400	Tue	439 439 439 000	CW	(AB/MPJ)
M12	16318	17-1	1420	Tue	439 439 439 000	CW	(AB/MPJ)
M12	6937	17-1	2210	Tue	975 975 975 000	CW	(AB)
M12	5737	17-1	2230	Tue	975 975 975 000	CW	(AB)
M12	16357	19-1	0800	Wed	343 343 343 000	CW	(AB)
M12	17457	19-1	0820	Wed	343 343 343 000	CW	(AB)
M12	6782	19-1	2000	Wed	781 781 781 000	CW	(AB)
M12	5882	19-1	2020	Wed	781 781 781 000	CW	(AB)
M12	13386	20-1	1110	Thu	725 725 725 1 3827 46 3827 46 93232 28007 26788 ... 17360 66202 49057 000 000	CW	(AB)
M12	12189	20-1	1130	Thu	725 725 725 1 3827 46 3827 46 93232 28007 26788 ... 17360 66202 49057 000 000	CW	(AB)
M12	11491	20-1	1150	Thu	725 725 725 1 3827 46 3827 46 93232 28007 26788 ... 17360 66202 49057 000 000	CW	(AB)
M12	17418	20-1	1400	Thu	439 439 439 000	CW	(AB/MPJ)
M12	16318	20-1	1420	Thu	439 439 439 000	CW	(AB/MPJ)
M12	6937	20-1	2210	Thu	975 975 975 000	CW	(AB/RL)
M12	5737	20-1	2230	Thu	975 975 975 000	CW	(AB/RL)
M12	10279	20-1	2320	Thu	136 136 136 000	CW	(RL)
M12	5886	21-1	0030	Fri	874 874 874 000	CW	(AB)

M12	6786	21-1	0050	Fri	874 874 874 000	CW	(AB)
M12	6782	21-1	2000	Fri	781 781 781 000	CW	(AB)
M12	5882	21-1	2020	Fri	781 781 781 000	CW	(AB)
M12	5778	21-1	2200	Fri	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB)
M12	6778	21-1	2220	Fri	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB)
M12	8178	21-1	2240	Fri	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB)
M12	5778	22-1	2200	Sat	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB/RL)
M12	6778	22-1	2220	Sat	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB/RL)
M12	8178	22-1	2240	Sat	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB/RL)
M12	16357	23-1	0800	Mon	343 343 343 000	CW	(AB)
M12	17457	23-1	0820	Mon	343 343 343 000	CW	(AB)
M12	14377	24-1	1130	Tue	317 317 317 1 4558 95 4558 95 25522 12799 02538 ... 85500 50148 56151 000 000	CW	(AB)
M12	13461	24-1	1150	Tue	317 317 317 1 4558 95 4558 95 25522 12799 02538 ... 85500 50148 56151 000 000	CW	(AB)
M12	12114	24-1	1210	Tue	317 317 317 1 4558 95 4558 95 25522 12799 02538 ... 85500 50148 56151 000 000	CW	(AB)
M12	17418	24-1	1400	Tue	439 439 439 1 3763 75 3763 75 40578 54714 20028 ... 05674 64087 42361 000 000	CW	(AB)
M12	16318	24-1	1420	Tue	439 439 439 1 3763 75 3763 75 40578 54714 20028 ... 05674 64087 42361 000 000	CW	(AB)
M12	14918	24-1	1440	Tue	439 439 439 1 3763 75 3763 75 40578 54714 20028 ... 05674 64087 42361 000 000	CW	(AB)
M12	6937	24-1	2210	Tue	975 975 975 1 388 79 388 79 12015 85094 52130 ... 92281 42983 48787 000 000	CW	(AB)
M12	5737	24-1	2230	Tue	975 975 975 1 388 79 388 79 12015 85094 52130 ... 92281 42983 48787 000 000	CW	(AB/RL)
M12	4537	24-1	2250	Tue	975 975 975 1 388 79 388 79 12015 85094 52130 ... 92281 42983 48787 000 000	CW	(AB/RL)
M12	5886	25-1	0030	Tue	874 874 874 1 4975 57 4975 57 28091 49364 31292 ... 18870 43622 58753 000 000	CW	(AB)
M12	6786	25-1	0050	Tue	874 874 874 1 4975 57 4975 57 28091 49364 31292 ... 18870 43622 58753 000 000	CW	(AB)
M12	7486	25-1	0110	Tue	874 874 874 1 4975 57 4975 57 28091 49364 31292 ... 18870 43622 58753 000 000	CW	(AB)
M12	16357	26-1	0800	Wed	343 343 343 1 3197 92 3197 92 03335 78080 88980 ... 60551 11363 05026 000 000	CW	(AB)
M12	17457	26-1	0820	Wed	343 343 343 1 3197 92 3197 92 03335 78080 88980 ... 60551 11363 05026 000 000	CW	(AB)
M12	18357	26-1	0840	Wed	343 343 343 1 3197 92 3197 92 03335 78080 88980 ... 60551 11363 05026 000 000	CW	(AB)
M12	6782	26-1	2000	Wed	781 781 781 1 255 63 255 63 32591 73003 77778 ... 89983 21986 75621 000 000	CW	(AB)
M12	5882	26-1	2020	Wed	781 781 781 1 255 63 255 63 32591 73003 77778 ... 89983 21986 75621 000 000	CW	(AB)
M12	5182	26-1	2040	Wed	781 781 781 1 255 63 255 63 32591 73003 77778 ... 89983 21986 75621 000 000	CW	(AB)
M12	13386	27-1	1110	Thu	725 725 725 1 9063 42 9063 42 91460 10485 35548 ... 07703 05492 39148 27248 18798 000 000	CW	(AB)
M12	12189	27-1	1130	Thu	725 725 725 1 9063 42 9063 42 91460 10485 35548 ... 07703 05492 39148 27248 18798 000 000	CW	(AB)
M12	11491	27-1	1150	Thu	725 725 725 1 9063 42 9063 42 91460 10485 35548 ... 07703 05492 39148 27248 18798 000 000	CW	(AB)
M12	17418	27-1	1400	Thu	439 439 439 1 3763 75 3763 75 40578 54714 20028 ... 05674 64087 42361 000 000	CW	(AB/MPJ)
M12	16318	27-1	1420	Thu	439 439 439 1 3763 75 3763 75 40578 54714 20028 ... 05674 64087 42361 000 000	CW	(AB/MPJ)
M12	14918	27-1	1440	Thu	439 439 439 1 3763 75 3763 75 40578 54714 20028 ... 05674 64087 42361 000 000	CW	(AB/MPJ)
M12	6937	27-1	2210	Thu	975 975 975 1 388 79 388 79 12015 85094 52130 ... 92281 42983 48787 000 000	CW	(AB/RL)
M12	5737	27-1	2230	Thu	975 975 975 1 388 79 388 79 12015 85094 52130 ... 92281 42983 48787 000 000	CW	(AB)
M12	4537	27-1	2250	Thu	975 975 975 1 388 79 388 79 12015 85094 52130 ... 92281 42983 48787 000 000	CW	(AB)
M12	11079	27-1	2300	Thu	136 1 3316 84 50813 20062 78865...63843 40685 49141 000 000	CW	(RL)
M12	10279	27-1	2320	Thu	136 1 3316 84 50813 20062 78865...63843 40685 49141 000 000	CW	(RL)
M12	9179	27-1	2340	Thu	136 1 3316 84 50813 20062 78865...63843 40685 49141 000 000	CW	(RL)
M12	5886	28-1	0030	Fri	874 874 874 1 4975 57 4975 57 28091 49364 31292 ... 18870 43622 58753 000 000	CW	(AB)

M12	6786	28-1	0050	Fri	874 874 874 1 4975 57 4975 57 28091 49364 31292 ... 18870 43622 58753 000 000	CW	(AB)
M12	7486	28-1	0110	Fri	874 874 874 1 4975 57 4975 57 28091 49364 31292 ... 18870 43622 58753 000 000	CW	(AB)
M12	6782	28-1	2000	Fri	781 781 781 1 255 63 255 63 32591 73003 77778 ... 89983 21986 75621 000 000	CW	(AB)
M12	5882	28-1	2020	Fri	781 781 781 1 255 63 255 63 32591 73003 77778 ... 89983 21986 75621 000 000	CW	(AB)
M12	5182	28-1	2040	Fri	781 781 781 1 255 63 255 63 32591 73003 77778 ... 89983 21986 75621 000 000	CW	(AB)
M12	5778	28-1	2200	Fri	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB)
M12	6778	28-1	2220	Fri	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB)
M12	8178	28-1	2240	Fri	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB)
M12	5778	29-1	2200	Sat	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB)
M12	6778	29-1	2220	Sat	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB)
M12	8178	29-1	2240	Sat	771 771 771 1 1103 162 1103 162 31418 83663 16747 ... 67752 51447 70416 000 000	CW	(AB/RL)
M12	16357	30-1	0800	Mon	343 343 343 1 3197 92 3197 92 03335 78080 88986 ... 60501 11363 05026 000 000	CW	(AB)
M12	17457	30-1	0820	Mon	343 343 343 1 3197 92 3197 92 03335 78080 88986 ... 60501 11363 05026 000 000	CW	(AB)
M12	18357	30-1	0840	Mon	343 343 343 1 3197 92 3197 92 03335 78080 88986 ... 60501 11363 05026 000 000	CW	(AB)
M12	14377	31-1	1130	Tue	317 317 317 1 5101 99 5101 99 56820 08263 21663 ... 29255 70483 99912 000 000	CW	(AB/MPJ)
M12	13461	31-1	1150	Tue	317 317 317 1 5101 99 5101 99 56820 08263 21663 ... 29255 70483 99912 000 000	CW	(AB/MPJ)
M12	12114	31-1	1210	Tue	317 317 317 1 5101 99 5101 99 56820 08263 21663 ... 29255 70483 99912 000 000	CW	(AB/MPJ)
M12	17418	31-1	1400	Tue	439 439 439 000	CW	(AB/MPJ)
M12	16318	31-1	1420	Tue	439 439 439 000	CW	(AB/MPJ)
M12	6937	31-1	2210	Tue	975 975 975 000	CW	(AB/RL)
M12	5737	31-1	2230	Tue	975 975 975 000	CW	(AB/RL)
M12	11079	31-1	2300	Tue	136 136 136 000	CW	(RL)
M12	10279	31-1	2320	Tue	136 136 136 000	CW	(RL)
M14	12211	10-1	0500	Tue	952 360 360 52 52 = = 33730 01406 45313 ... 29214 49270 61887 = = 360 360 52 52 00000	CW	(AB-J)
M14	10243	10-1	0520	Tue	952 360 360 52 52 = = 33730 01406 45313 ... 29214 49270 61887 = = 360 360 52 52 00000	CW	(AB-J)
M14	17458	10-1	0930	Tue	617 490 490 158 158 = = 12794 90874 13616 ... 25715 59824 77008 = = 490 490 158 158 00000	CW	(AB)
M14	12211	11-1	0500	Tue	952 417 417 52 52 = = 73771 56078 19651 ... 51740 86957 51602 = = 417 417 52 52 00000	CW	(AB-RUS)
M14	10243	11-1	0520	Tue	952 417 417 52 52 = = 73771 56078 19651 ... 51740 86957 51602 = = 417 417 52 52 00000	CW	(AB-RUS)
M14	15994	11-1	0930	Tue	617 490 490 158 158 = = 12794 90874 13616 ... 25715 59824 77008 = = 490 490 158 158 00000	CW	(AB)
M14	12211	12-1	0500	Wed	952 380 380 51 51 = = 14348 57417 78528 ... 48359 68588 55983 = = 380 380 51 51 00000	CW	(AB-J)
M14	10143	12-1	0520	Wed	952 380 380 51 51 = = 14348 57417 78528 ... 48359 68588 55983 = = 380 380 51 51 00000	CW	(AB-J)
M14	12211	13-1	0500	Thu	952 146 146 57 57 = = 65359 66793 79785 ... 81115 25518 62239 = = 146 146 57 57 00000	CW	(AB-J)
M14	10243	13-1	0520	Thu	952 146 146 57 57 = = 65359 66793 79785 ... 81115 25518 62239 = = 146 146 57 57 00000	CW	(AB-J)
M14	12211	14-1	0500	Fri	952 146 146 57 57 = = 65359 66793 79785 ... 81115 25518 62239 = = 146 146 57 57 00000	CW	(AB-J)
M14	10243	14-1	0520	Fri	952 146 146 57 57 = = 65359 66793 79785 ... 81115 25518 62239 = = 146 146 57 57 00000	CW	(AB-J)
M14	9463	14-1	0937	Fri	801 457 457 23 23 = = 73285 75754 10380 ... 65546 84510 61616 = = 457 457 23 23 00000 Restart during the message.	ICW	(Num)
M14	12211	17-1	0500	Tue	952 634 634 51 51 = = 79841 46047 40649 ... 82534 79067 92992 = = 634 634 51 51 00000	CW	(AB-J)
M14	10243	17-1	0520	Tue	952 634 634 51 51 = = 79841 46047 40649 ... 82534 79067 92992 = = 634 634 51 51 00000	CW	(AB-J)
M14	12211	18-1	0500	Tue	952 170 170 67 67 = = 09174 19269 13369 ... 99270 45136 61808 = = 170 170 67 67 00000	CW	(AB-J)
M14	10243	18-1	0520	Tue	952 170 170 67 67 = = 09174 19269 13369 ... 99270 45136 61808 = = 170 170 67 67 00000	CW	(AB-RUS)
M14	12211	19-1	0500	Wed	952 348 348 51 51 = = 35866 13190 35384 ... 35370 61519 26807 = = 348 348 51 51 00000	CW	(AB-J)

M14	10143	19-1	0520	Wed	952 348 348 51 51 = = 35866 13190 35384 ... 35370 61519 26807 = = 348 348 51 51 00000	CW	(AB-RUS)
M14	12211	20-1	0500	Thu	952 167 167 51 51 = = 63921 47378 13248 ... 10945 52771 15413 = = 167 167 51 51 00000	CW	(AB-J)
M14	10243	20-1	0520	Thu	952 167 167 51 51 = = 63921 47378 13248 ... 10945 52771 15413 = = 167 167 51 51 00000	CW	(AB-J)
M14	12211	21-1	0500	Fri	952 803 803 61 61 = = 74827 45704 72795 ... 67144 65265 86430 = = 803 803 61 61 00000	CW	(AB-J)
M14	10243	21-1	0520	Fri	952 803 803 61 61 = = 74827 45704 72795 ... 67144 65265 86430 = = 803 803 61 61 00000	CW	(AB-J)
M14	12211	24-1	0500	Tue	952 461 461 58 58 = = 12975 13983 87174 ... 99429 37102 23563 = = 461 461 58 58 00000	CW	(AB-J)
M14	10243	24-1	0520	Tue	952 461 461 58 58 = = 12975 13983 87174 ... 99429 37102 23563 = = 461 461 58 58 00000	CW	(AB-J)
M14	12211	25-1	0500	Tue	952 671 671 55 55 = = 88999 13224 96768 ... 57203 87924 79228 = = 671 671 55 55 00000 Distorted audio	CW	(AB-RUS)
M14	10243	25-1	0520	Tue	952 671 671 55 55 = = 88999 13224 96768 ... 57203 87924 79228 = = 671 671 55 55 00000 Distorted audio	CW	(AB-RUS)
M14	17458	25-1	0930	Tue	617 490 490 158 158 = = 12794 90874 13616 ... 25715 59824 77008 = = 490 490 158 158 00000	CW	(AB)
M14	12211	26-1	0500	Wed	952 346 346 51 51 = = 26506 44014 13395 ... 58162 57739 92422 = = 346 346 51 51 00000	CW	(AB-RUS)
M14	10143	26-1	0520	Wed	952 346 346 51 51 = = 26506 44014 13395 ... 58162 57739 92422 = = 346 346 51 51 00000	CW	(AB-RUS)
M14	15994	26-1	0930	Wed	617 490 490 158 158 = = 12794 90874 13616 ... 25715 59824 77008 = = 490 490 158 158 00000	CW	(AB)
M14	12211	27-1	0500	Thu	952 187 187 51 51 = = 26260 36185 10961 ... 41055 61509 40038 = = 187 187 51 51 00000	CW	(AB-J)
M14	10243	27-1	0520	Thu	952 187 187 51 51 = = 26260 36185 10961 ... 41055 61509 40038 = = 187 187 51 51 00000	CW	(AB-J)
M14	12211	28-1	0500	Fri	952 340 340 51 51 = = 93345 67533 92479 ... 74640 83982 98414 = = 340 340 51 51 000	CW	(AB-J)
M14	10243	28-1	0520	Fri	952 340 340 51 51 = = 93345 67533 92479 ... 74640 83982 98414 = = 340 340 51 51 000	CW	(AB-J)
M14	12211	31-1	0500	Tue	952 176 176 54 54 = = 81165 94337 51082 ... 58924 92154 06171 = = 176 176 54 54 00000	CW	(AB-J)
M14	10243	31-1	0520	Tue	952 176 176 54 54 = = 81165 94337 51082 ... 58924 92154 06171 = = 176 176 54 54 00000	CW	(AB-J)
M21	5980.5	9-1	1014	Mon	=991314??8???? =991315??8???? =991316??8????	CW	(F5JBR)
M21	4171	9-1	1048	Mon	=991348??8???? =991349??8???? =991350??8???? //5980.5 kHz	CW	(F5JBR)
M21	5980.5	9-1	1048	Mon	=991348??8???? =991349??8???? =991350??8???? //4171 kHz	CW	(F5JBR)
M21	3185	9-1	1652	Mon	=991952??8???? =991952??8???? =991952??8???? //4171 kHz	CW	(F5JBR)
M21	3185	9-1	1803	Mon	=992103??8???? =992104??8???? =992105??8???? //4865.5 kHz	CW	(F5JBR)
M21	4865.5	9-1	1803	Mon	=992103??8???? =992104??8???? =992105??8???? //3185 kHz	CW	(F5JBR)
M21	4991.5	10-1	1256	Tue	=99?1556??9???? =99?1558??9???? =99?1600??9????	CW	(F5JBR)
M32	4156	10-1	1307	Tue	XXX 2S2U 54915 LESNICHJ 2083 K	CW	(F5JBR)
M32	8002	18-1	0037	Tue	i.p. 88997 71161 94599 86184 89023 53885 10522 17307 34764 18028 K .CUL DE 8SQO QTC K	CW	(JPL-J)
M32	3364	18-1	1547	Tue	i.p. 80005 53615 48701 ... 92552 68344 18030 877 K	CW	(JPL-RUS)
M32	5376	18-1	1809	Tue	i.p. 3BIN DE MNET QTC 053 45 18 2102 053 = ZKP 195 = BYGUQ ICNIW LELAM OQOEZ LELAM OQOEZ ...	CW	(JPL-RUS)
M32	8114	19-1	0737	Wed	XXX XXX XHOP XHOP 02935 MALXM 6177 8787 LAVOLESS 5974 5261 K	CW	(JPL-RUS)
M32	8114	19-1	0741	Wed	XXX XXX H7Q6 H7Q6 AY9X AY9X 97659 93667 97781 AIROHLOR 3837 4400 UVA.OGRAC 8886 8365	CW	(JPL-RUS)
M32	8114	19-1	0743	Wed	XXX XXX H7Q6 H7Q6 AY9X AY9X 97659 93667 97781 AIROHLOR 3837 4400 UVASOGRAC 8886 8365 K	CW	(JPL-RUS)
M32	8114	19-1	0746	Wed	XXX XXX 24YO 24YO 32359 NORDOPUTO 8241 5658	CW	(JPL-RUS)
M32	8114	19-1	0747	Wed	XXX XXX 24YO 24YO 32359 NORDOPUTO 8241 5658 K	CW	(JPL-RUS)
M32	5755	19-1	0807	Wed	i.p. 16 TAMPANSKIJ 3298 2875 K	CW	(JPL-J)
M32	5755	19-1	0814	Wed	XXX XXX ASYP ASYP 48365 STANNIN 4474 9398	CW	(JPL-J)
M32	5755	19-1	0815	Wed	XXX XXX ASYP ASYP 48365 STANNIN 4474 9398 K	CW	(JPL-J)
M32	18.1	19-1	1027	Wed	RDL: Russian Strategic Command Moscow. XXX XXX RDL RDL 22862 29708 MARGANEC 8550 1180 K repeated twice, followed by FSK 50Bd/85Hz tfc	FSK-CW	(Cic)

M32	18.1	19-1	1032	Wed	RDL: Russian Strategic Command Moscow. XXX XXX RDL RDL 02273 95467 WOZOWOSK 0062 3395 K repeated twice, followed by FSK 50Bd/85Hz tfc	FSK-CW	(Cic)
M32	18.1	19-1	1037	Wed	RDL: Russian Strategic Command Moscow. XXX XXX RDL RDL 44902 22706 WYChISLIMYY 8210 4604 K repeated twice, followed by FSK 50Bd/85Hz tfc	FSK-CW	(Cic)
M32	18.1	19-1	1048	Wed	RDL: Russian Strategic Command Moscow. XXX XXX XHOP XHOP 60403 87259 KRZZOBREH 2036 3142	FSK-CW	(Cic)
M32	18.1	19-1	1052	Wed	RDL: Russian Strategic Command Moscow. XXX XXX RDL RDL 97568 60111 MESSIDOR 8138 7986	FSK-CW	(Cic)
M32	18.1	19-1	1055	Wed	RDL: Russian Strategic Command Moscow. XXX XXX RDL RDL 78678 31729 SNOSOVREC 0294 3234	FSK-CW	(Cic)
M32a	5166	13-1	1630	Thu	RHL80 DE RIW QTC K RIW 447 45 13 1214 347 = FM RAA = 11727 65642 46024 ... 70797 37446 13043 = RPT AL AR RIW K	CW	(AB)
M32a	10332	14-1	1119	Fri	RIW DE RAL59 QYT4 NO K (repeated) RIW DE RAL59 K RAL59 SK	CW	(AB)
M41	4945	10-1	1259	Tue	i.p. 1S61 1S61 AR	CW	(F5JBR)
M42	10130	10-1	0935	Tue	Russian intel.	MFSK-66	(AB)
M42	11619	10-1	0935	Tue	Russian intel.	MFSK-66	(AB)
M42	11169	11-1	1315	Tue	Russian intel.	MFSK-66	(AB)
M42	16134	13-1	0800	Thu	Russian intel.	MFSK-66	(AB)
M42	6790	13-1	0830	Thu	Russian intel.	MFSK-66	(AB)
M42	7829	19-1	1048	Wed	Russian intel.	OFDM-60	(AB)
M42b	9353	3-1	0915	Tue	4KWS 4KWS 4KWS DE 9TKW 9TKW QSY 31789 QSY 31789. 003 100 03 0900 7529 = 56190 51956 78312 ... 43216 78375 17845 =100=	CW + FSK 50/500	(AB)
M42b	10226	3-1	0917	Tue	9TKW 9TKW 9TKW DE 4KWS 4KWS K 003 100 03 0900 7316 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL K SK	CW + FSK 50/200	(AB)
M42b	10226	4-1	0913	Tue	RT5G RT5G RT5G DE KP4W KP4W K 004 100 4 0900 2915 = 37205 99346 41189 ... 67189 63400 28916 - 0920- CFM NIL K	CW + FSK 50/200	(AB)
M42b	10226	5-1	0911	Wed	VVV 3PRK 3PRK 3PRK DE N1RK N1RK K 005 100 05 0900 7309 = 28380 23664 49576 ... 17227 41615 71359 CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	9353	5-1	0915	Wed	007 100 05 0900 8513 = 64763 99287 67481 ... 57134 24801 32781 97682 =100= CFM NIL QRU? K	CW + FSK 50/500	(AB)
M42b	10226	6-1	0912	Thu	M2PN M2PN M2PN DE WK3P W3KP K 006 100 6 0905 9725 = 28380 23664 49576 ... 17227 41615 71359 CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	9353	6-1	0913	Thu	006 180 6 0850 22__ = 64765 98768 63784 ... 82672 48271 28328 =100=	CW + FSK 50/500	(AB)
M42b	9353	7-1	0912	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K 001 620 05 0500 15628 = 6476__288 67481 637__ 72831 ... 24801 32781 97682 =100=	CW + FSK 50/500	(AB)
M42b	10226	7-1	0912	Fri	VVV GRP2 GRP2 GRP2 DE 3NRT 3NRT K 007 100 7 0900 71033 = 28380 23664 49576 33656 ... 17227 41615 72359 CFM NIL SK	CW + FSK 50/500	(AB)
M42b	10224	8-1	0913	Sat	NM5K NM5K NM5K DE 1PNN 1PNN K 008 100 8 0505 7913 = 96920 72429 32641 ... 34513 49761 66578 CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	9353	9-1	0912	Mon	KO3W KO3W KO3W DE 4NRG 4NRG K (repeated) Stopped after 13 minutes. No reply from KO3W	CW	(AB/F5JBR)
M42b	3820	9-1	1750	Mon	VFGK wkg DATZ	CW	(F5JBR)
M42b	5299	9-1	1815	Mon	CAGR wkg IBUP	CW	(F5JBR)
M42b	9353	10-1	0912	Tue	4KWS 4KWS 4KWS DE 9TKW 9TKW K 009 100 0906 0925 = 64763 99287 67481 ... 24801 32781 97682 =100= QRV QRU? K	CW + FSK 50/500	(AB)
M42b	10226	10-1	0912	Tue	9TKW 9TKW 9TKW DE 4KWS 4KWS K 009 100 10 0850 3927 = 96920 72429 32641 ... 34513 49761 66578 CFM NIL K SK	CW + FSK 50/200	(AB)

M42b	10226	11-1	0911	Tue	GRT5 GRT5 GRT5 DE KP4W KP4W K 012 100 11 0900 63856 = 31900 51912 71418 ... 38237 51308 64056 CFM NIL K SK	CW + FSK 50/200	(AB)
M42b	9353	11-1	0912	Tue	KP4W KP4W KP4W DE GRT5 GRT5 K 011 182 11 0900 1768 = 38291 05786 04831 ... 67458 47381 65838 CFM QRU? K	CW + FSK 50/200	(AB)
M42b	10226	12-1	0911	Wed	VVV 3PRK 3PRK 3PRK DE 013 100 12 0900 5729 = 31900 51912 71418 ... 38237 51308 64056 CFM QSL QYD? 77680 76184 K	CW + FSK 50/500	(AB)
M42b	9353	12-1	0913	Wed	012 150 12 0800 0666 = 79842 67853 78942 ... 43604 34605 2340_ = 150 = CFM QRU? K	CW + FSK 50/500	(AB)
M42b	9353	13-1	0912	Thu	WK3P W3KP WK3P DE M2PN M2PN K 013 100 13 0900 6526 = 81836 28840 90162 ... 84371 84300 73491 =100= CFM QRU? K	CW + FSK 50/500	(AB)
M42b	10226	13-1	0920	Thu	M2PN M2PN M2PN DE WK3P W3KP K 013 100 13 0906 5827 = 31900 51912 71418 ... 38237 51308 64056 CFM NIL K RPT K SK	CW + FSK 50/500	(AB)
M42b	9353	14-1	0912	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K 014 100 14 0840 6518 = 24043 30326 65549 ... 76740 73871 76381 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10226	14-1	0912	Fri	GRP2 GRP2 GRP2 DE 3NRT 3NRT K 015 100 14 0900 7941 = 99156 10663 95545 ... 65903 82288 87220 =100= -0922 CFM NIL K	CW + FSK 50/500	(AB)
M42b	9353	15-1	0913	Sat	i.p. 015 100 15 0900 5959 = 74683 62537 85231 ... 54312 53265 23521 =100= QRV QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10224	15-1	0913	Sat	i.p. 016 100 15 0921 4729 = 63577 73848 98366 ... 09872 29610 76501 CFM NIL SK	CW + FSK 50/500	(AB)
M42b	9353	16-1	0911	Mon	KO3W KO3W KO3W DE 4NRG 4NRG K 016 100 16 0905 8361 = 81836 28840 90162 ... 84371 84300 73491 =100=	CW + FSK 50/500	(AB-RUS)
M42b	10226	16-1	0911	Mon	4NRG 4NRG 4NRG DE KO3W KO3W K 017 100 16 0855 6811 = 63577 73848 98366 ... 09872 29610 76501 CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	9353	17-1	0912	Tue	4KWS 4KWS 4KWS DE 9TKW 9TKW K QSA3 QTC1 K most of the morse and RTTY was too weak to copy	CW + FSK 50/500	(AB)
M42b	10226	17-1	0912	Tue	9TKW 9TKW 9TKW DE 4KWS 4KWS K 018 100 17 0912 7359 = 99156 10663 95545 ... 65903 82288 87220 =100= CFM NIL K SK	CW + FSK 50/200	(AB)
M42b	9353	19-1	0911	Wed	N1RK N1RK N1RK DE 3PRK 3PRK K 67821 78942 68735 ... 34603 03443 23053 =100= QRV QRU? K SLV K BK BK RPT PBL K R 019 0923 K NIL SK	CW + FSK 50/500	(AB)
M42b	10226	19-1	0912	Wed	3PRK 3PRK 3PRK DE N1RK N1RK K 019 100 19 0900 5791 == 25599 21135 73978 ... 07331 62661 79200 =100= -0923 CFM NIL K NIL SK	CW + FSK 50/500	(AB)
M42b	9353	20-1	0912	Thu	WK3P W3KP WK3P DE M2PN M2PN K 020 100 20 0615 3672 = 28380 23664 49576 ... 17227 41615 71359 QRV QRU? K	CW + FSK 50/500	(AB)
M42b	9353	20-1	0912	Thu	WK3P W3KP WK3P DE M2PN M2PN K 024 100 27 0855 6712 = 28380 23664 49576 ... 17227 11615 71359 =100= CFM QRU? K	CW + FSK 50/500	(AB-POL)
M42b	10226	20-1	0912	Thu	M2PN M2PN M2PN DE WK3P W3KP K 020 100 20 0900 8516 == 02414 17125 25374 ... 03414 89730 36367 =100= -0922 CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	9353	21-1	0913	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K (repeated) 3NRT 3NRT 3NRT DE GRP2 GRP2 QSY 57544 QSY 57544 K (repeated) 3NRT 3NRT 3NRT DE GRP2 GRP2 K	CW	(AB-RUS)
M42b	9353	22-1	0911	Sat	1PNN 1PNN 1PNN DE NM5K NM5K K 021 100 22 0858 1234 = 87643 56732 45623 ... 98632 45787 58643 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10224	22-1	0911	Sat	NM5K NM5K NM5K DE 1PNN 1PNN K 021 100 22 0907 4815 = 99156 10663 95545 ... 65903 82288 87220 =100= CFM NIL SK	CW + FSK 50/500	(AB)
M42b	9353	23-1	0911	Mon	KO3W KO3W KO3W DE 4NRG 4NRG K (repeated) KO3W KO3W KR3W DE 4NRG 4NRG QSY 07647 QSY 07647 K (repeated)	CW	(AB-RUS)

M42b	9353	24-1	0911	Tue	4KWS 4KWS 4KWS DE 9TKW 9TKW K 022 100 24 0856 5328 = 81836 28840 90162 ... 84371 84300 73491 =100= CFM QRV K	CW + FSK 50/500	(AB-POL)
M42b	10226	24-1	0911	Tue	9TKW 9TKW 9TKW DE 4KWS 4KWS K 022 100 24 0900 8517 = 99156 10663 95545 ... 65903 82288 87220 =100= CFM NIL K SK	CW + FSK 50/200	(AB-POL)
M42b	9353	25-1	0913	Tue	KP4W KP4W KP4W DE GRT5 GRT5 K (repeated for 13 mins) Nothing else. 10226 khz not heard	CW	(AB)
M42b	9353	26-1	0911	Wed	NIRK N1RK N1RK DE 3PRK 3PRK K 023 100 26 0848 1357 = 87643 56732 45623 ... 09853 98630 45787 58643 =100= CFM QRU? K	CW + FSK 50/500	(AB)
M42b	10226	26-1	0912	Wed	3PRK 3PRK 3PRK DE N1RK N1RK K 023 100 26 0900 7392 = 31900 51912 71418 ... 38237 51308 64056 - 0919 CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	10226	27-1	0914	Thu	M2PN M2PN M2PN DE WK3P W3KP K 025 100 27 0902 2847 = 76900 20695 92608 ... 87175 89483 28972 =100= -0920 CFM NIL K	CW + FSK 50/500	(AB-POL)
M42b	10226	28-1	0911	Fri	GRP2 GRP2 GRPS DE 3NRT 3NRT K 028 100 28 0907 4825 = 99156 10663 95545 ... 65903 82288 87220 =100= CFM NIL SK	CW + FSK 50/500	(AB-POL)
M42b	9353	28-1	0912	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K 025 100 28 0856 9994 = 81836 28840 90162 ... 84371 84300 73491 =100=	CW + FSK 50/500	(AB-POL)
M42b	9353	29-1	0911	Sat	1PNN 1PNN 1PNN DE NM5K NM5K K 027 100 29 0855 3083 = 28380 23664 49576 ... 17227 41615 71359 =100= CFM QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	10224	29-1	0912	Sat	NM5K NM5K NM5K DE 1PNN 1PNN K 030 100 29 0900 2951 = 37205 99346 41189 ... 67189 63400 28916 -0920 CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	9353	30-1	0911	Mon	KO3W KO3W KO3W DE 4NRG 4NRG K 028 100 30 0841 0281 = 74683 62537 85231 ... 54312 53265 23521 =100= CFM QRU? K	CW	(AB-RUS)
M42b	9353	31-1	0911	Tue	VVV 4KWS 4KWS 4KWS DE 9TKW 9TKW K 029 100 31 0900 8765 = 74683 62537 85231 ... 54312 53265 23521 =100= CFM QRU? K	CW + FSK 50/500	(AB-POL)
M42b	10226	31-1	0911	Tue	VVV 9TKW 9TKW 9TKW DE 4KWS 4KWS K 033 100 31 0900 5719 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL SK	CW + FSK 50/200	(AB-BLR)
M51a	3881	2-1	0900	Mon	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA //6825 kHz	CW	(AB)
M51a	6825	2-1	0900	Mon	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA //3881 kHz	CW	(AB)
M51a	3881	9-1	0900	Mon	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA //6825 kHz	CW	(AB)
M51a	6825	9-1	0900	Mon	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA //3881 kHz	CW	(AB)
M51b	3881	20-1	1445	Thu	Non-stop 5-character groups composed of M51a messages.	CW	(AB)
M51b	6825	20-1	1445	Thu	Non-stop 5-character groups composed of M51a messages.	CW	(AB)
M51b	3881	27-1	1444	Thu	Non-stop 5-character groups composed of M51a messages.	CW	(AB)
M51b	6825	27-1	1444	Thu	Non-stop 5-character groups composed of M51a messages.	CW	(AB)
M89	10642	7-1	0724	Fri	i.p. 7605 U547 AU3N UD4U NTN6 D7A6 5T37 D5D6 ... AR K R USB K	CW	(JPL)
M89	10642	7-1	0726	Fri	Switched from CW to voice. Male operator	CW	(JPL)
M89	3596	7-1	1937	Fri	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	7-1	1937	Fri	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
M89	4178	7-1	1952	Fri	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M89	4860	7-1	2020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)

M89	6840	7-1	2020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	8182	8-1	0026	Sat	V QYE2 (x3) DE 9WFFV (x2)	CW	(JPL)
M89	10151	8-1	0047	Sat	i.p. EX 0807 K = = C3WA/G75. AR K OK GA K NR .. CK 35 ... R QSL 0853 K	CW	(JPL)
M89	8182	9-1	0908	Mon	QYE2 de 9WFFV V	CW	(F5JBR)
M89	4860	9-1	1320	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	9-1	1320	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	3596	9-1	1323	Sun	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	9-1	1323	Sun	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
M89	4720	9-1	1330	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	9-1	1330	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	4352	9-1	1345	Sun	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	4352	9-1	1357	Sun	V CD4A DE UG3N MSG NR 036 CK 499 79 0109 2200 = 7T64 5UDU N3DA 436D 6AU3 ...	CW	(JPL)
M89	3596	9-1	2138	Sun	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	9-1	2138	Sun	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
M89	4352	9-1	2139	Sun	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	3596	10-1	1347	Mon	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	10-1	1347	Mon	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
M89	4352	10-1	1352	Mon	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	4829	10-1	1352	Mon	i.p. T63A TD33 TTT6 TTTD A76T ND74 ANNU N3U4 ...	CW	(JPL)
M89	4860	12-1	1120	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	12-1	1120	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	3596	12-1	1125	Wed	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	12-1	1125	Wed	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
M89	4720	12-1	1130	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	12-1	1130	Wed	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	4352	12-1	1150	Wed	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	4860	12-1	1720	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	12-1	1720	Wed	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	4352	12-1	1738	Wed	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	2984	18-1	1535	Tue	V A8Q3 (x3) DE N4F9 (x2)	CW	(JPL)
M89	3317	18-1	1542	Tue	i.p. D745 7NNT N5A5 33N7 D764 ...	CW	(JPL)
M89	3421	18-1	1551	Tue	i.p R RPT 10W TO 40W K	CW	(JPL)
M89	3596	18-1	1554	Tue	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	18-1	1554	Tue	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
M89	4352	18-1	1557	Tue	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	8182	19-1	0757	Wed	V QYE2 (x3) DE 9WFFV (x2)	CW	(JPL)
M89	7197	19-1	0800	Wed	i.p. NNUU 7T34 46D4 7AT4 644D T466 D36D UDU7 ...	CW	(JPL)
M89	6497	19-1	0819	Wed	i.p. 6UDU 7UN6 ND47 III = 3A5A AR K	CW	(JPL)
M89	4352	19-1	1152	Wed	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	3596	19-1	1153	Wed	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	19-1	1153	Wed	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
M89	3689	19-1	1200	Wed	i.p. = K2BB/S3S4 AR NR NR 2001/EX 1950 RMKS = H467 TO H887 AR =	CW	(JPL)

M89	3750	19-1	1210	Wed	i.p. 1102 RMKS 8827 TO 6210 4T4.. ...	CW	(JPL)
M89	4141	19-1	1213	Wed	i.p. TT56 TA3U 6ND3 NU7N TA35 544D A7DT A4DN ...	CW	(JPL)
M89	4157	19-1	1215	Wed	i.p. ATDN AU5T 5D4N DA4U 4T36 6T7A N46D 7N45 ...	CW	(JPL)
M89	4485	19-1	1217	Wed	i.p. 45 0119 2015 RMKS = 8866 TO 4445 AR K R R = = U3A4 TUDN 4U7U 7634 TN75 N3T5 5AUA 4674 T5A4 TT5T 36A4 ...	CW	(JPL)
M89	8045	20-1	1157	Thu	i.p. 4T75 D55U AD5U 47T7 64A3 D534 ...	CW	(JPL)
M89	3596	20-1	1200	Thu	V QYE2 (x3) DE 9WFFV (x2) //4880	CW	(JPL)
M89	4880	20-1	1200	Thu	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
M89	3122	20-1	1203	Thu	i.p. 3ND4 6TD4 ...	CW	(JPL)
M89	3557	20-1	1210	Thu	i.p. NT67 D637 3DU7 ...	CW	(JPL)
M89	3750	20-1	1215	Thu	i.p. R QSA 2 QSA K R QSA 2 K R IEC = 1871 AR K R IEC = 8838 AR K R GA	CW	(JPL)
M89	5656	20-1	1234	Thu	i.p. 57N5 7TA7 N67A D34T A675 346N ...	CW	(JPL)
M89	4860	20-1	1820	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	20-1	1820	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	4352	20-1	1822	Thu	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	4526	20-1	1855	Thu	i.p. DTA7 T5DA 5U7N D6T4 NUDU 6N53 55DU ... AR K R R RPT 1P 31W TO 32W = 4T4D 4T4D A35D A35D K R RPT 1P 33W 3N3T 3N3T K	CW	(JPL)
M89	11278	21-1	0728	Fri	i.p. UT45 D6A3 UN74 D5T4 37DN AR	CW	(JPL)
M89	6905	23-1	1119	Sun	i.p. 7U76 6445 TAD6 376A A3NN 343T ...	CW	(JPL)
M89	4860	23-1	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	23-1	1120	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	3596	23-1	1126	Sun	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4352	23-1	1126	Sun	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	4888	23-1	1126	Sun	V QYE2 (x3) DE 9WFFV (x2) //3596	CW	(JPL)
M89	3596	27-1	1256	Thu	V QYE2 (x3) DE 9WFFV (x2) //4888	CW	(JPL)
M89	4888	27-1	1256	Thu	V QYE2 (x3) DE 9WFFV (x2) T665 6434 4A7N AT66 744A N5UN 4457 5A6A 5675 ... //3596	CW	(JPL)
M89	4352	27-1	1259	Thu	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	3355	27-1	1652	Thu	i.p. 3474 34DT74DN U6AT 34AD 57D7 6UTU ...	CW	(JPL)
M89	4860	27-1	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	27-1	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	3596	27-1	1924	Thu	V QYE2 (x3) DE 9WFFV (x2) T665 6434 4A7N AT66 744A N5UN 4457 5A6A 5675 ... //4888	CW	(JPL)
M89	4352	27-1	1925	Thu	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	4726	27-1	1931	Thu	V QPL(x3) DE 4WQ (x2) (R5) QSA ? K 557A 4776 AU7D 4TND ...	CW	(JPL)
M89	11223	28-1	0829	Fri	i.p. QSL 1645 AR K R HR 7G GA K R GA 7G NR 4.22 CK 35 67 0128 1636 K	CW	(JPL)
M89	10890	28-1	0851	Fri	i.p. AR K R R.. 034W ..3A OK ..	CW	(JPL)
M89	10125	28-1	0855	Fri	i.p. AR K R U 7G GA K	CW	(JPL)
M89	10115.3	28-1	0859	Fri	i.p. 7ATD AAD6 UA63 TADU .UN4 T435 A4UN ...	CW	(JPL)
M89	7890	28-1	0905	Fri	i.p. ADA6 4N73 ...	CW	(JPL)
M89	3596	28-1	0912	Fri	V QYE2 (x3) DE 9WFFV (x2) //4888, 6824, 8182	CW	(JPL)
M89	4352	28-1	0912	Fri	i.p. VVV F6C DE UAL QSA 0 QSA 0 UI UI 24 U 24 QSA 0 QSA 0 UI UI 24 UI UI 24 K	CW	(JPL)
M89	4888	28-1	0912	Fri	V QYE2 (x3) DE 9WFFV (x2) //3596, 6824, 8182	CW	(JPL)
M89	6824	28-1	0912	Fri	V QYE2 (x3) DE 9WFFV (x2) //3596, 4888, 8182	CW	(JPL)

M89	8182	28-1	0912	Fri	V QYE2 (x3) DE 9WV (x2) //3596, 4888, 6824	CW	(JPL)
M89	6840	28-1	0920	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5)	CW	(JPL)
M89	6210	28-1	0928	Fri	V CD4A (x3) DE UG3N (x2) /	CW	(JPL)
M89	7620	28-1	0930	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	28-1	0930	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	4352	28-1	1643	Fri	V CD4A (x3) DE UG3N (x2)	CW	(JPL)
M89	3596	31-1	1105	Mon	V QYE2 (x3) DE 9WV (x2) //4888	CW	(JPL)
M89	4888	31-1	1105	Mon	V QYE2 (x3) DE 9WV (x2) //3596	CW	(JPL)
M89	4352	31-1	1111	Mon	V Q5Z1 (x3) DE W2X6 (x2)	CW	(JPL)
M89	4860	31-1	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	6840	31-1	1120	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M95	7345	8-1	0015	Sat	773 353 U.3 544 4TA 445 4DT III U4D 334 ANUD 4DU 3DA AR A HR UP SB WK //9054	CW	(JPL)
M95	9054	8-1	0015	Sat	773 353 U.3 544 4TA 445 4DT III U4D 334 ANUD 4DU 3DA AR A HR UP SB WK //7345	CW	(JPL)
M95	7553	8-1	0031	Sat	BNEC DE XSV70 MSG PSE CY NR 022 CK 99 35 0108 0715 .UT3 .. 3A4 TT7 773 .. //9153	CW	(JPL)
M95	9153	8-1	0031	Sat	BNEC DE XSV70 MSG PSE CY NR 022 CK 99 35 0108 0715 .UT3 .. 3A4 TT7 773 .. //7553	CW	(JPL)
M95	4178	10-1	1330	Mon	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	7517	10-1	1337	Mon	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	7553	10-1	1343	Mon	i.p. 44D 46N N3D 445 466 4D6 75D 4D3 ... QRU SK	CW	(JPL)
M95	6419	12-1	1128	Wed	i.p. MSG NR 2712/CCK CK 59 74 0112 1928 RMKS 8144 TO 2444 = = 75UA 73U5 7D63 DT47 57T3 UA73 ...	CW	(JPL)
M95	4364	12-1	1141	Wed	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0040 CK 309 35 0112 1617 = TAU 3U6 3A... //8073	CW	(JPL)
M95	8073	12-1	1141	Wed	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0040 CK 309 35 0112 1617 = TAU 3U6 3A... //4364	CW	(JPL)
M95	4243	12-1	1153	Wed	VV HR 7G TO YR PSE CY NR 012 CK 77 35 0112 1523 = 5AA UTT TAU 3U6 ...	CW	(JPL)
M95	4178	12-1	1718	Wed	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	7517	12-1	1718	Wed	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	4364	18-1	1141	Tue	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0052 CK 362 35 0118 1627 = TAD 3U6 3AN 3U7 ... //8073	CW	(JPL)
M95	8073	18-1	1141	Tue	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0052 CK 362 35 0118 1627 = TAD 3U6 3AN 3U7 ... //4364	CW	(JPL)
M95	4243	18-1	1151	Tue	VV HR MSG TO YR PSE CY NR 024 CK 61 35 0118 1519 = 5AA UTT TAD 3U6 3A4 5T7 5TD 75U 354 377 ...	CW	(JPL)
M95	3590	18-1	1214	Tue	i.p. 05 05 05 NCFIH ...	CW	(JPL)
M95	4178	18-1	1555	Tue	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	7517	18-1	1555	Tue	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	4364	19-1	1142	Wed	= TAN 3U6 3AN 3U7 TAU 773 TU4 773 TU5 773 TU6 773 756 ... //8073	CW	(JPL)
M95	8073	19-1	1142	Wed	= TAN 3U6 3AN 3U7 TAU 773 TU4 773 TU5 773 TU6 773 756 ... //4364	CW	(JPL)
M95	4243	19-1	1151	Wed	HR 7G TO YR PSE CY NR 38 CK 182 35 0119 1544 = UTU TAN 3U6 3A4 TTU 773 353 N3D 35U 4TA 447 ... //9054	CW	(JPL)
M95	9054	19-1	1151	Wed	HR 7G TO YR PSE CY NR 38 CK 182 35 0119 1544 = UTU TAN 3U6 3A4 TTU 773 353 N3D 35U 4TA 447 ... //4243	CW	(JPL)
M95	4178	19-1	1228	Wed	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	7517	19-1	1228	Wed	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	4243	20-1	1148	Thu	VVV HR MSG TO YR PSE CY NR 028 CK 25 35 0120 1526 = //9054	CW	(JPL)
M95	9054	20-1	1148	Thu	VVV HR MSG TO YR PSE CY NR 028 CK 25 35 0120 1526 = //4243	CW	(JPL)

M95	4178	20-1	1758	Thu	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	7517	20-1	1758	Thu	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	3568	20-1	1802	Thu	i.p. 05 05 05 HR MSG GA HR MSG GA 05 05 05 05 ...	CW	(JPL)
M95	10088	23-1	1103	Sun	i.p. QSA 2 QSL ? K HR HR 7G GA NR 016/CCK CK 71 0123 1903 RMKS 5581 TO 2218 K K K	CW	(JPL)
M95	5258	23-1	1121	Sun	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	4364	23-1	1148	Sun	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0062 CK 287 35 0123 1628 = //8-73	CW	(JPL)
M95	8073	23-1	1148	Sun	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0062 CK 287 35 0123 1628 = //4364	CW	(JPL)
M95	4243	23-1	1153	Sun	i.p. 4D6 3D3 336 N3U 3DU 34U N3U 3DA TT3 773 35A N3D 353 ... //9054 kHz	CW	(JPL)
M95	9054	23-1	1153	Sun	i.p. 4D6 3D3 336 N3U 3DU 34U N3U 3DA TT3 773 35A N3D 353 ... //4243 kHz	CW	(JPL)
M95	5440	26-1	1150	Wed	i.p. DE OLKV K R QSA 3 QSA ? K QSA R IEC B0 4043 AR K (Exercise related)	CW	(JPL)
M95	4178	27-1	1258	Thu	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	7517	27-1	1258	Thu	V XP5B (x3) DE S2DJ (x2) //4718	CW	(JPL)
M95	4389	27-1	1305	Thu	i.p. VV SQ8N DE NNE7 K VV P1XD DE NNE7 R QSA 2 IEC BT 5046 AR K R CQ AS K VV Z1DQ DE NNE7 K	CW	(JPL)
M95	4364	31-1	1140	Mon	V BNGC (x3) DE XSV85 (X2) ... HR MSG GA PSE CY //8073	CW	(JPL)
M95	8073	31-1	1140	Mon	V BNGC (x3) DE XSV85 (X2) ... HR MSG GA PSE CY //4364	CW	(JPL)
M95	4243	31-1	1152	Mon	HR 7G TO YR PSE CY NR 050 CK 65 35 0131 1543 = //9054	CW	(JPL)
M95	9054	31-1	1152	Mon	HR 7G TO YR PSE CY NR 050 CK 65 35 0131 1543 = //4243	CW	(JPL)
MX	7611	11-1	0550	Tue	Beacon V	CW	(ES)
MX	10871.8	11-1	1020	Tue	Beacon V	CW	(ES)
MX	5342.1	11-1	1029	Tue	Beacon V	CW	(ES)
MX	3657	12-1	2020	Wed	Beacon V	CW	(ChPa)
MX	3657	15-1	1609	Sat	Beacon V	CW	(ChPa)
MX	3227	15-1	1845	Sat	Faulty beacon V sending VI and VA	CW	(AB)
MX	3657	17-1	1936	Tue	Beacon V	CW	(ChPa)
MX	4557.8	18-1	0720	Tue	Beacon P, Kaliningrad	CW	(ChPa)
MX	3657	18-1	1604	Tue	Beacon V	CW	(ChPa)
MX	5342.1	19-1	1100	Wed	Beacon V	CW	(ES)
MX	7611	19-1	1100	Wed	Beacon V	CW	(ES)
MX	3657	21-1	1627	Fri	Beacon V	CW	(ChPa)
MX	3227	22-1	2022	Sat	Beacon V	CW	(AB)
MX	4557.8	23-1	1426	Mon	Beacon P, Kaliningrad	CW	(ChPa)
MX	3227	28-1	2126	Fri	Beacon V	CW	(AB)
MX	3657	28-1	2126	Fri	Beacon V	CW	(AB)
P03e	10800	2-1	1515	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10800	2-1	1520	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5194	2-1	1725	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5194	2-1	1730	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5194	4-1	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	4-1	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	7-1	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	7-1	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	9-1	1515	Mon	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)

P03e	10800	9-1	1520	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5194	9-1	1725	Mon	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	9-1	1730	Mon	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	11-1	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	11-1	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	14-1	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10800	14-1	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10800	16-1	1515	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL/MPJ)
P03e	10800	16-1	1520	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL/MPJ)
P03e	5194	16-1	1725	Mon	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ-AUT)
P03e	5194	16-1	1730	Mon	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ-AUT)
P03e	5194	18-1	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5194	18-1	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10800	21-1	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	21-1	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	23-1	1515	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	10800	23-1	1520	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5194	23-1	1725	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5194	23-1	1730	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5194	25-1	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	25-1	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	10800	28-1	1515	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10800	28-1	1520	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10800	30-1	1515	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	10800	30-1	1520	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5194	30-1	1725	Mon	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5194	30-1	1730	Mon	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03g	13046	5-1	1330	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	5-1	1335	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	12-1	1330	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	12-1	1335	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	14-1	1330	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	14-1	1335	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	19-1	1330	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	19-1	1335	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	21-1	1330	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	21-1	1335	Fri	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	13046	26-1	1330	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	26-1	1335	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	28-1	1330	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13046	28-1	1335	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03h	9079	3-1	0530	Tue	Polish intel.	BPSK 100Bd/512bp	(AB-POL)

P03h	9079	3-1	0535	Tue	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	5-1	0530	Wed	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	5-1	0535	Wed	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	10-1	0530	Tue	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	10-1	0535	Tue	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	12-1	0530	Wed	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	12-1	0535	Wed	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	17-1	0530	Tue	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	17-1	0535	Tue	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	19-1	0530	Wed	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	19-1	0535	Wed	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	24-1	0530	Tue	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	24-1	0535	Tue	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	26-1	0530	Wed	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	26-1	0535	Wed	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9079	31-1	0530	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9079	31-1	0535	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	9052	4-1	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	4-1	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	4-1	0800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	4-1	0805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	4-1	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	4-1	1805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9079	5-1	0430	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	5-1	0435	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	14656	5-1	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	5-1	0805	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	6-1	0430	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	6-1	0435	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9052	6-1	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	6-1	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	6-1	1800	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	6-1	1805	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9052	11-1	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	11-1	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	11-1	0800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	11-1	0805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	11-1	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	11-1	1805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9079	12-1	0430	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	12-1	0435	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	14656	12-1	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)

P03i	14656	12-1	0805	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	13-1	0430	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	13-1	0435	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9052	13-1	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	13-1	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	13-1	1800	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	13-1	1805	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9052	18-1	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	18-1	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	18-1	0800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	18-1	0805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	18-1	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	18-1	1805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	19-1	0430	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	19-1	0435	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	14656	19-1	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	19-1	0805	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	20-1	0430	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	20-1	0435	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9052	20-1	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	20-1	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	20-1	1800	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ-AUT)
P03i	6480	20-1	1805	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ-AUT)
P03i	9052	25-1	0725	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	25-1	0730	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	25-1	0800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	25-1	0805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	25-1	1800	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	25-1	1805	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	9079	26-1	0430	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	26-1	0435	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	14656	26-1	0800	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	14656	26-1	0805	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9079	27-1	0430	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9079	27-1	0435	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	9052	27-1	0725	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	9052	27-1	0730	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	6480	27-1	1800	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	6480	27-1	1805	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03j	6906	3-1	1830	Tue	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	3-1	1835	Tue	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	6-1	1830	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)

P03j	6906	6-1	1835	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	10-1	1830	Tue	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6906	10-1	1835	Tue	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6906	13-1	1830	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	13-1	1835	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	17-1	1830	Tue	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	17-1	1835	Tue	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	20-1	1830	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	20-1	1835	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	24-1	1830	Tue	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6906	24-1	1835	Tue	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	6906	27-1	1830	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	27-1	1835	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	31-1	1830	Tue	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	6906	31-1	1835	Tue	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03k	5844	1-1	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	1-1	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	1-1	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	1-1	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	1-1	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14415	1-1	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	9063	1-1	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	1-1	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	1-1	1800	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	1-1	1805	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5844	2-1	0630	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	2-1	0635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	2-1	1100	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	2-1	1105	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	2-1	1200	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	2-1	1205	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	2-1	1930	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	2-1	1935	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	4-1	1230	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	4-1	1235	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	5-1	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	5-1	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	5-1	1800	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	5-1	1805	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	6-1	1200	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	6-1	1205	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	6-1	1930	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	4356	6-1	1935	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	7-1	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	7-1	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	7-1	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	7-1	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	8-1	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	8-1	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	8-1	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	8-1	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	8-1	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14415	8-1	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	9063	8-1	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	8-1	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	8-1	1800	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	8-1	1805	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	9-1	0530	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	9-1	0535	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	9-1	0630	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	9-1	0635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	9-1	1100	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	9-1	1105	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	9-1	1200	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	4356	9-1	1205	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HOL)
P03k	4356	9-1	1930	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	9-1	1935	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	11-1	1230	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	11-1	1235	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	12-1	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	12-1	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	12-1	1800	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	12-1	1805	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	13-1	1200	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-HNG)
P03k	4356	13-1	1205	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-HNG)
P03k	4356	13-1	1930	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	13-1	1935	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10210	14-1	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	14-1	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	14-1	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	14-1	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	15-1	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	15-1	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	15-1	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	4356	15-1	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	15-1	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	15-1	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	15-1	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	15-1	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	15-1	1800	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	15-1	1805	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5844	16-1	0630	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	16-1	0635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	16-1	1100	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	16-1	1105	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	16-1	1200	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HNG)
P03k	4356	16-1	1205	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-HNG)
P03k	4356	16-1	1930	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	16-1	1935	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	18-1	1230	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	18-1	1235	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	19-1	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	19-1	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	19-1	1800	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	19-1	1805	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	20-1	1200	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-HNG)
P03k	4356	20-1	1205	Thu	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-HNG)
P03k	4356	20-1	1930	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	20-1	1935	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	21-1	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	10210	21-1	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	8102	21-1	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	21-1	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	22-1	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	22-1	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	22-1	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	22-1	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	22-1	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14415	22-1	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	9063	22-1	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	22-1	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	22-1	1800	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	22-1	1805	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10210	23-1	0530	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	10210	23-1	0535	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	5844	23-1	0630	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	5844	23-1	0635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	23-1	1100	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	23-1	1105	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	23-1	1200	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	23-1	1205	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	23-1	1930	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	23-1	1935	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	25-1	1230	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14415	25-1	1235	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	26-1	1310	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	26-1	1315	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	26-1	1800	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	26-1	1805	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	27-1	1200	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	27-1	1205	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	27-1	1930	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	27-1	1935	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	28-1	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10210	28-1	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	28-1	1100	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	28-1	1105	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	29-1	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	29-1	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	29-1	1200	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	29-1	1205	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	29-1	1230	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14415	29-1	1235	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9063	29-1	1310	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9063	29-1	1315	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	29-1	1800	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	29-1	1805	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10210	30-1	0530	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	10210	30-1	0535	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	5844	30-1	0630	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5844	30-1	0635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	30-1	1100	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8102	30-1	1105	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	30-1	1200	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	30-1	1205	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4356	30-1	1930	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4356	30-1	1935	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03I	5779	1-1	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)

P03I	5779	1-1	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4356	3-1	1200	Tue	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4356	3-1	1205	Tue	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	9079	5-1	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	5-1	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	7-1	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	7-1	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5779	8-1	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5779	8-1	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5779	9-1	1245	Mon	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	9-1	1250	Mon	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4356	10-1	1200	Tue	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4356	10-1	1205	Tue	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	9079	12-1	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	12-1	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	14-1	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	14-1	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5779	15-1	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	15-1	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	16-1	1245	Mon	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	16-1	1250	Mon	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4356	17-1	1200	Tue	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-POL)
P03I	4356	17-1	1205	Tue	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-POL)
P03I	9079	19-1	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	19-1	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	21-1	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	9079	21-1	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	22-1	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	22-1	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	23-1	1245	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5779	23-1	1250	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4356	24-1	1200	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4356	24-1	1205	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	26-1	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	26-1	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	28-1	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9079	28-1	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5779	29-1	1245	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	29-1	1250	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	30-1	1245	Mon	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	5779	30-1	1250	Mon	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4356	31-1	1200	Tue	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)

P03I	4356	31-1	1205	Tue	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
Q26	8774	3-1	1830	Tue	Traffic	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	4-1	1804	Tue	4-letter group messages	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	5-1	1515	Wed	Traffic	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	5-1	1527	Wed	Traffic	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	6-1	1758	Thu	Traffic	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	6-1	1810	Thu	Traffic	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	6-1	1812	Thu	RZWP RZWP RZWP LP BVVT BVVT BVVT RYRYRYRYRY CPN followed by 4-letter groups	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	6-1	1816	Thu	RZWP RZWP RZWP LP BVVT BVVT BVVT RYRYRYRYRY JHD followed by 4-letter groups	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	7-1	1803	Fri	Traffic	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	7-1	1809	Fri	RZWP RZWP RZWP LP ORP? ORP? ORP? RYRYRYRYRYRY CPN 2@ 20 4	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	7-1	1818	Fri	BRHD BRHD BRHD PR EHRJ EHRJ EHRJ	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	7-1	1821	Fri	RZWP RZWP RZWP LP ORP? ORP? ORP? RYRYRYRYRYRY JHD ...	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	7-1	1823	Fri	RZWP RZWP RZWP LP ORP? ORP? ORP? JHO0 ...	4+4 QPSK 75/1000 LSB	(AB)
Q26	8774	7-1	1827	Fri	RZWP RZWP RZWP LP ORP? ORP? ORP? JHO0 ...	4+4 QPSK 75/1000 LSB	(AB)
Q26	7553	8-1	0015	Sat	XSV70: messages //9153	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9153	8-1	0015	Sat	XSV70: messages //7553	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	12-1	1132	Wed	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	12-1	1132	Wed	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	12-1	1146	Wed	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8774	16-1	1350	Mon	Message i.p. PYJF PJFM CMBG ... GUCM YFBJ~RUYW ANIX ANIX ANIX LP KBBS KBBS KBBS	4+4 QPSK 75/1000 LSB	(AB)
Q26	4243	18-1	1145	Tue	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	19-1	1143	Wed	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	19-1	1143	Wed	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	20-1	1146	Thu	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	20-1	1146	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	3729	20-1	1212	Thu	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	3749.75	20-1	1227	Thu	Traffic	4+4 QPSK 75/3000 LSB	(JPL-TWN)
Q26	4364	23-1	1131	Sun	XSV85 messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	23-1	1131	Sun	XSV85 messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	31-1	1131	Mon	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	31-1	1131	Mon	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	31-1	1143	Mon	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	31-1	1143	Mon	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
RMv	5045	10-1	1413	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7257. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	11-1	1411	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4124. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	12-1	1412	Wed	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3839. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	14-1	1411	Fri	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3454. 16 chasov 13 minut konec svyazi	USB	(AB-POL)
RMv	5045	17-1	1414	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 8693. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	18-1	1413	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2167. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	19-1	1411	Wed	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3159. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	20-1	1412	Thu	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4418. 16 chasov 14 minut konec svyazi	USB	(AB-POL)

RMv	5045	21-1	1411	Fri	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9847. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	24-1	1413	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2879. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	25-1	1413	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9673. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	26-1	1411	Wed	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 5146. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	27-1	1411	Thu	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 6593. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
S06	7672	7-1	2000	Fri	319 319 319 00000	USB	(Haus/HFD)
S06	5457	7-1	2100	Fri	319 319 319 00000	USB	(Haus/HFD)
S06	11073	11-1	0740	Tue	352 698 17 11005 46033 47972 ... 52687 02159 91834 698 17 352 761 40 87213 70579 01208 ... 75746 53559 83138 761 40 00000	USB	(AB)
S06	16243	13-1	0830	Thu	842 169 50 84109 39469 04391 ... 63922 71838 22573 169 50 00000	USB	(PY/HFD-RUS)
S06	13469	13-1	0930	Thu	842 169 50 84109 39469 04391 ... 63922 71838 22573 169 50 00000	USB	(PY/HFD-RUS)
S06	16243	14-1	0830	Fri	842 169 50 84109 39469 04391 ... 63922 71838 22573 169 50 00000	USB	(PY)
S06	9463	14-1	0925	Fri	801 976 18 34168 06455 04468 ... 77792 03556 36977 976 18 00000 Restart during the message. Win- dows XP "ding" sound at 0936z. Followed by M14 at 0937z	USB	(Num)
S06	13469	14-1	0930	Fri	842 169 50 84109 39469 04391 ... 63922 71838 22573 169 50 00000	USB	(PY)
S06	16243	20-1	0830	Thu	842 765 30 67235 52022 27560 ... 47551 75270 66663 765 30 00000	USB	(PY)
S06	13469	20-1	0930	Thu	842 765 30 67235 52022 27560 ... 47551 75270 66663 765 30 00000	USB	(PY)
S06	16243	21-1	0830	Fri	842 765 30 67235 52022 27560 ... 47551 75270 66663 765 30 00000	USB	(PY)
S06	13469	21-1	0930	Fri	842 765 30 67235 52022 27560 ... 47551 75270 66663 765 30 00000	USB	(PY)
S06	7672	21-1	2000	Fri	319 319 319 00000	USB	(AB-CYP)
S06	5457	21-1	2100	Fri	319 319 319 00000	USB	(AB)
S06	7377	22-1	1300	Sat	480 236 44 78430 31192 49124 ... 26660 57159 43347 236 44 00000	USB	(T101)
S06	5410	22-1	1330	Sat	480 236 44 78430 31192 49124 ... 26660 57159 43347 236 44 00000	USB	(T101)
S06	9946	23-1	0930	Mon	480 236 44 78430 31192 49124 ... 26660 57159 43347 236 44 00000	USB	(PY)
S06	8095	23-1	1000	Mon	480 236 44 78430 31192 49124 ... 26660 57159 43347 236 44 00000	USB	(PY)
S06	16243	27-1	0830	Thu	842 905 31 56433 11320 39706 ... 31355 68486 38796 905 31 00000	USB	(PY)
S06	13469	27-1	0930	Thu	842 905 31 56433 11320 39706 ... 31355 68486 38796 905 31 00000	USB	(PY)
S06	16243	28-1	0830	Fri	842 905 31 56433 11320 39706 ... 31355 68486 38796 905 31 00000	USB	(PY)
S06	13469	28-1	0930	Fri	842 905 31 56433 11320 39706 ... 31355 68486 38796 905 31 00000	USB	(PY)
S06	7377	29-1	1300	Sat	480 791 45 27968 41395 63128 ... 72465 94685 14422 791 45 00000	USB	(AB/MPJ)
S06	5410	29-1	1330	Sat	480 791 45 27968 41395 63128 ... 72465 94685 14422 791 45 00000	USB	(AB/MPJ)
S06	9946	30-1	0930	Mon	480 791 45 27968 41395 63128 ... 72465 94685 14422 791 45 00000	USB	(AB)
S06	8095	30-1	1000	Mon	480 791 45 27968 41395 63128 ... 72465 94685 14422 791 45 00000	USB	(AB)
S06s	8680	1-1	0800	Sat	132 467 5 17099 94961 35826 65906 77233 467 5 00000	USB	(AB)
S06s	8260	1-1	0810	Sat	132 467 5 17099 94961 35826 65906 77233 467 5 00000	USB	(AB)
S06s	13470	3-1	0630	Tue	462 837 5 10597 23521 47660 92883 69901 837 5 00000	USB	(AB-CYP)
S06s	16515	3-1	0640	Tue	462 837 5 10597 23521 47660 92883 69901 837 5 00000	USB	(AB-ISR)
S06s	8057	3-1	0830	Tue	764 810 5 77282 15894 05811 78988 20222 810 5 00000	USB	(AB)
S06s	8530	3-1	0840	Tue	764 810 5 77282 15894 05811 78988 20222 810 5 00000	USB	(AB)
S06s	14675	3-1	0900	Tue	232 819 5 73535 60293 67626 29200 22247 819 5 00000	USB	(AB)
S06s	12830	3-1	0910	Tue	232 819 5 73535 60293 67626 29200 22247 819 5 00000	USB	(AB)
S06s	8420	3-1	1300	Tue	149 820 5 52356 60315 07843 14634 76398 820 5 00000	USB	(AB/MPJ)

S06s	10635	3-1	1310	Tue	149 820 5 52356 60315 07843 14634 76398 820 5 00000	USB	(AB/MPJ)
S06s	16145	4-1	0600	Tue	438 972 5 09807 09582 75973 57586 07568 972 5 00000	USB	(AB-ISR)
S06s	14240	4-1	0610	Tue	438 972 5 09807 09582 75973 57586 07568 972 5 00000	USB	(AB-ISR)
S06s	5250	4-1	0700	Tue	452 983 6 34756 21112 72832 79961 20336 17309 983 6 00000	USB	(AB-POL)
S06s	6320	4-1	0710	Tue	452 983 6 34756 21112 72832 79961 20336 17309 983 6 00000	USB	(AB)
S06s	7410	4-1	0730	Tue	427 805 6 06376 48057 13361 19474 34978 46512 805 6 00000	USB	(AB)
S06s	11532	4-1	0740	Tue	427 805 6 06376 48057 13361 19474 34978 46512 805 6 00000	USB	(AB)
S06s	11945	4-1	0805	Tue	127 450 6 22192 27868 19761 57217 91858 57634 450 6 00000 Late start. One minute callup	AM	(AB)
S06s	13195	4-1	0810	Tue	127 450 6 22192 27868 19761 57217 91858 57634 450 6 00000	AM	(AB)
S06s	6440	4-1	1000	Tue	427 810 5 11171 64385 82707 06133 22536 810 5 00000	USB	(AB-POL)
S06s	5660	4-1	1010	Tue	427 810 5 11171 64385 82707 06133 22536 810 5 00000	USB	(AB-POL)
S06s	5035	4-1	1100	Tue	265 819 7 88620 58069 67132 74537 57440 10597 23521 819 7 00000	USB	(AB-POL)
S06s	5975	4-1	1110	Tue	265 819 7 88620 58069 67132 74537 57440 10597 23521 819 7 00000	USB	(AB-POL)
S06s	7062	5-1	0830	Wed	464 297 5 83630 93731 58194 77985 88222 297 5 00000	USB	(AB)
S06s	10532	5-1	0840	Wed	464 297 5 83630 93731 58194 77985 88222 297 5 00000	USB	(AB)
S06s	12365	5-1	1000	Wed	276 894 5 58825 26990 68923 04709 84174 894 5 00000	USB	(AB)
S06s	14280	5-1	1010	Wed	276 894 5 58825 26990 68923 04709 84174 894 5 00000	USB	(AB)
S06s	9921	6-1	0830	Thu	172 172 172 00000	USB	(AB/linkz/HFD)
S06s	9379	6-1	0840	Thu	172 172 172 00000	USB	(AB/linkz/HFD)
S06s	11550	6-1	0850	Thu	172 172 172 00000	USB	(AB/PY/HFD)
S06s	12142	6-1	0900	Thu	172 172 172 00000	USB	(AB/PY/HFD)
S06s	13375	6-1	0910	Thu	172 172 172 00000	USB	(AB/PY/HFD)
S06s	13875	6-1	0920	Thu	172 172 172 00000	USB	(AB/PY/HFD)
S06s	8812	6-1	0930	Thu	698 243 5 52343 79628 42432 56075 56281 243 5 00000	USB	(AB)
S06s	14986	6-1	0930	Thu	172 172 172 00000	USB	(AB/PY/HFD)
S06s	9540	6-1	0940	Thu	698 243 5 52343 79628 42432 56075 56281 243 5 00000	USB	(AB)
S06s	12155	6-1	1200	Thu	175 439 6 49686 96643 63647 64427 06676 52746 439 6 00000	USB	(AB/MPJ-AUT)
S06s	10920	6-1	1210	Thu	175 439 6 49686 96643 63647 64427 06676 52746 439 6 00000	USB	(AB/MPJ-AUT)
S06s	11040	7-1	0830	Fri	156 982 7 77620 38569 51722 64337 57220 20498 22421 982 7 00000	USB	(AB)
S06s	12153	7-1	0840	Fri	156 982 7 77620 38569 51722 64337 57220 20498 22421 982 7 00000	USB	(AB)
S06s	5765	7-1	0900	Fri	239 870 5 52402 62939 92688 12500 64238 870 5 00000	USB	(AB)
S06s	6315	7-1	0910	Fri	239 870 5 52402 62939 92688 12500 64238 870 5 00000 Restart at 0911z	USB	(AB)
S06s	13470	10-1	0630	Tue	462 837 5 10597 23521 47660 92883 69901 837 5 00000	USB	(AB-CYP)
S06s	16515	10-1	0640	Tue	462 837 5 10597 23521 47660 92883 69901 837 5 00000	USB	(AB-ISR)
S06s	8057	10-1	0830	Tue	764 810 5 77282 15894 05811 78988 20222 810 5 00000	USB	(AB)
S06s	8530	10-1	0840	Tue	764 810 5 77282 15894 05811 78988 20222 810 5 00000	USB	(AB)
S06s	14675	10-1	0900	Tue	232 819 5 73535 60293 67626 29200 22247 819 5 00000	USB	(AB)
S06s	12830	10-1	0910	Tue	232 819 5 73535 60293 67626 29200 22247 819 5 00000	USB	(AB)
S06s	8420	10-1	1300	Tue	149 820 5 52356 60315 07843 14634 76398 820 5 00000	USB	(AB)
S06s	10635	10-1	1310	Tue	149 820 5 52356 60315 07843 14634 76398 820 5 00000	USB	(AB)
S06s	16145	11-1	0600	Tue	438 972 5 09807 09582 75973 57586 07568 972 5 00000	USB	(AB-ISR)
S06s	14240	11-1	0610	Tue	438 972 5 09807 09582 75973 57586 07568 972 5 00000	USB	(AB-ISR)

S06s	5250	11-1	0700	Tue	452 983 6 34756 21112 72832 79961 20336 17309 983 6 00000	USB	(AB-POL)
S06s	6320	11-1	0710	Tue	452 983 6 34756 21112 72832 79961 20336 17309 983 6 00000	USB	(AB)
S06s	7410	11-1	0730	Tue	427 805 6 06376 48057 13361 19474 34978 46512 805 6 00000	USB	(AB)
S06s	11532	11-1	0740	Tue	427 805 6 06376 48057 13361 19474 34978 46512 805 6 00000	USB	(AB)
S06s	11945	11-1	0800	Tue	127 450 6 22192 27868 19761 57217 91858 57634 450 6 00000	AM	(AB)
S06s	13195	11-1	0810	Tue	127 450 6 22192 27868 19761 57217 91858 57634 450 6 00000	AM	(AB)
S06s	6440	11-1	1000	Tue	427 810 5 11171 64385 82707 06133 22536 810 5 00000	USB	(AB-POL)
S06s	5660	11-1	1010	Tue	427 810 5 11171 64385 82707 06133 22536 810 5 00000	USB	(AB-POL)
S06s	5035	11-1	1100	Tue	265 819 7 88620 58069 67132 74537 57440 10597 23521 819 7 00000	USB	(AB-POL)
S06s	5975	11-1	1110	Tue	265 819 7 88620 58069 67132 74537 57440 10597 23521 819 7 00000	USB	(AB-POL)
S06s	7062	12-1	0830	Wed	464 297 5 83630 93731 58194 77985 88222 297 5 00000	USB	(AB)
S06s	10532	12-1	0840	Wed	464 297 5 83630 93731 58194 77985 88222 297 5 00000	USB	(AB)
S06s	12365	12-1	1000	Wed	276 894 5 58825 26990 68923 04709 84174 894 5 00000	USB	(AB)
S06s	14280	12-1	1010	Wed	276 894 5 58825 26990 68923 04709 84174 894 5 00000	USB	(AB)
S06s	9921	13-1	0830	Thu	172 172 172 00000	USB	(AB)
S06s	9379	13-1	0840	Thu	172 172 172 00000	USB	(AB)
S06s	11550	13-1	0850	Thu	172 172 172 00000	USB	(AB)
S06s	12142	13-1	0900	Thu	172 172 172 00000	USB	(AB)
S06s	13375	13-1	0910	Thu	172 172 172 00000	USB	(AB)
S06s	13875	13-1	0920	Thu	172 172 172 00000	USB	(AB)
S06s	8812	13-1	0930	Thu	698 243 5 52343 79628 42432 56075 56281 243 5 00000	USB	(AB)
S06s	14986	13-1	0930	Thu	172 172 172 00000	USB	(AB)
S06s	9540	13-1	0940	Thu	698 243 5 52343 79628 42432 56075 56281 243 5 00000	USB	(AB)
S06s	12155	13-1	1200	Thu	175 439 6 49686 96643 63647 64427 06676 52746 439 6 00000	USB	(AB/MPJ)
S06s	10920	13-1	1210	Thu	175 439 6 49686 96643 63647 64427 06676 52746 439 6 00000	USB	(AB/MPJ)
S06s	11040	14-1	0830	Fri	156 982 7 77620 38569 51722 64337 57220 20498 22421 982 7 00000	USB	(AB)
S06s	12153	14-1	0840	Fri	156 982 7 77620 38569 51722 64337 57220 20498 22421 982 7 00000	USB	(AB)
S06s	5765	14-1	0900	Fri	239 870 5 52402 62939 92688 12500 64238 870 5 00000	USB	(AB)
S06s	6315	14-1	0910	Fri	239 870 5 52402 62939 92688 12500 64238 870 5 00000	USB	(AB)
S06s	13470	17-1	0630	Tue	462 897 5 46062 68672 97478 39685 30485 897 5 00000	USB	(AB-CYP)
S06s	16515	17-1	0640	Tue	462 897 5 46062 68672 97478 39685 30485 897 5 00000	USB	(AB-ISR)
S06s	8057	17-1	0830	Tue	764 930 5 65906 66610 20336 17301 88554 930 5 00000	USB	(AB)
S06s	8530	17-1	0840	Tue	764 930 5 65906 66610 20336 17301 88554 930 5 00000	USB	(AB)
S06s	14675	17-1	0900	Tue	232 917 5 11171 64385 82707 06123 22536 917 5 00000	USB	(AB)
S06s	12830	17-1	0910	Tue	232 917 5 11171 64385 82707 06123 22536 917 5 00000	USB	(AB)
S06s	8420	17-1	1300	Tue	149 867 5 88569 89617 25757 77159 95225 867 5 00000	USB	(AB-HNG)
S06s	10635	17-1	1310	Tue	149 867 5 88569 89617 25757 77159 95225 867 5 00000	USB	(AB-HNG)
S06s	16145	18-1	0600	Tue	438 210 5 48754 65125 41879 84548 42036 210 5 00000	USB	(AB-CYP)
S06s	14240	18-1	0610	Tue	438 210 5 48754 65125 41879 84548 42036 210 5 00000	USB	(AB-ISR)
S06s	5250	18-1	0700	Tue	452 971 6 95225 84090 09531 88430 33240 61135 971 6 00000	USB	(AB-POL)
S06s	6320	18-1	0710	Tue	452 971 6 95225 84090 09531 88430 33240 61135 971 6 00000	USB	(AB)
S06s	7410	18-1	0730	Tue	427 901 5 15899 50387 45847 23013 89758 901 5 00000	USB	(AB)

S06s	11532	18-1	0740	Tue	427 901 5 15899 50387 45847 23013 89758 901 5 00000	USB	(AB)
S06s	11945	18-1	0800	Tue	127 405 6 52343 79628 42432 56075 56281 47665 405 6 00000	AM	(AB)
S06s	13195	18-1	0810	Tue	127 405 6 52343 79628 42432 56075 56281 47665 405 6 00000	AM	(AB)
S06s	6440	18-1	1000	Tue	427 801 5 23247 94961 35826 65906 77233 801 5 00000	USB	(AB-POL)
S06s	5660	18-1	1010	Tue	427 801 5 23247 94961 35826 65906 77233 801 5 00000	USB	(AB-POL)
S06s	5035	18-1	1100	Tue	265 891 7 33796 13577 74126 46647 79302 53516 25616 891 7 00000 ?????????????	USB	(AB-POL)
S06s	5975	18-1	1110	Tue	265 891 7 33796 13577 74126 46647 79302 53516 25616 891 7 00000 ?????????????	USB	(AB-POL)
S06s	7062	19-1	0830	Wed	464 298 5 26605 94742 27434 31321 09233 298 5 00000	USB	(AB)
S06s	10532	19-1	0840	Wed	464 298 5 26605 94742 27434 31321 09233 298 5 00000	USB	(AB)
S06s	12365	19-1	1000	Wed	276 498 5 51404 71387 62783 50983 57191 498 5 00000	USB	(AB/ES)
S06s	14280	19-1	1010	Wed	276 498 5 51404 71387 62783 50983 57191 498 5 00000	USB	(AB/ES)
S06s	9921	20-1	0830	Thu	172 172 172 00000	USB	(AB)
S06s	9379	20-1	0840	Thu	172 172 172 00000	USB	(AB)
S06s	11550	20-1	0850	Thu	172 172 172 00000	USB	(AB)
S06s	12142	20-1	0900	Thu	172 172 172 00000	USB	(AB)
S06s	13375	20-1	0910	Thu	172 172 172 00000	USB	(AB)
S06s	13875	20-1	0920	Thu	172 172 172 00000	USB	(AB)
S06s	8812	20-1	0930	Thu	698 204 5 83630 93731 58291 64212 67195 204 5 00000 (S06s 172 00000 on 14986 kHz on the back-ground)	USB	(AB)
S06s	14986	20-1	0930	Thu	172 172 172 00000	USB	(AB)
S06s	9540	20-1	0940	Thu	698 204 5 83630 93731 58291 64212 67195 204 5 00000	USB	(AB)
S06s	12155	20-1	1200	Thu	175 829 6 04537 87875 47152 23486 80331 17613 829 6 00000	USB	(AB/MPJ)
S06s	10920	20-1	1210	Thu	175 829 6 04537 87875 47152 23486 80331 17613 829 6 00000	USB	(AB/MPJ)
S06s	11040	21-1	0830	Fri	156 923 7 04537 87875 47152 23486 80331 17613 74220 923 7 00000	USB	(AB)
S06s	12153	21-1	0840	Fri	156 923 7 04537 87875 47152 23486 80331 17613 74220 923 7 00000	USB	(AB)
S06s	5765	21-1	0900	Fri	239 847 5 73943 36679 05666 60982 08338 847 5 00000	USB	(AB-POL)
S06s	6315	21-1	0910	Fri	239 847 5 73943 36679 05666 60982 08338 847 5 00000	USB	(AB)
S06s	13470	24-1	0630	Tue	462 897 5 46062 68672 97478 39685 30485 897 5 00000	USB	(AB-ISR)
S06s	16515	24-1	0640	Tue	462 897 5 46062 68672 97478 39685 30485 897 5 00000	USB	(AB-ISR)
S06s	8057	24-1	0830	Tue	764 930 5 65906 66610 20336 17301 88554 930 5 00000	USB	(AB)
S06s	8530	24-1	0840	Tue	764 930 5 65906 66610 20336 17301 88554 930 5 00000	USB	(AB)
S06s	14675	24-1	0900	Tue	232 917 5 11171 64385 82707 06123 22536 917 5 00000	USB	(AB)
S06s	12830	24-1	0910	Tue	232 917 5 11171 64385 82707 06123 22536 917 5 00000	USB	(AB)
S06s	8420	24-1	1300	Tue	149 867 5 88569 89617 25757 77159 95225 867 5 00000	USB	(AB)
S06s	10635	24-1	1310	Tue	149 867 5 88569 89617 25757 77159 95225 867 5 00000	USB	(AB)
S06s	16145	25-1	0600	Tue	438 210 5 48754 65125 41879 84548 42036 210 5 00000	USB	(AB-ISR)
S06s	14240	25-1	0610	Tue	438 210 5 48754 65125 41879 84548 42036 210 5 00000	USB	(AB-ISR)
S06s	5250	25-1	0700	Tue	452 971 6 95225 84090 09531 88430 33240 61135 971 6 00000	USB	(AB-POL)
S06s	6320	25-1	0710	Tue	452 971 6 95225 84090 09531 88430 33240 61135 971 6 00000	USB	(AB)
S06s	7410	25-1	0730	Tue	427 901 5 15899 50387 45847 23013 89758 901 5 00000	USB	(AB)
S06s	11532	25-1	0740	Tue	427 901 5 15899 50387 45847 23013 89758 901 5 00000	USB	(AB)
S06s	11945	25-1	0800	Tue	127 405 6 52343 79628 42432 56075 56281 47665 405 6 00000	AM	(AB)

S06s	13195	25-1	0810	Tue	127 405 6 52343 79628 42432 56075 56281 47665 405 6 00000	AM	(AB)
S06s	6440	25-1	1000	Tue	427 801 5 23247 94961 35826 65906 77233 801 5 00000	USB	(AB-POL)
S06s	5660	25-1	1010	Tue	427 801 5 23247 94961 35826 65906 77233 801 5 00000	USB	(AB-POL)
S06s	5035	25-1	1100	Tue	265 891 7 33796 13577 74126 46647 79302 53516 25616 891 7 00000	USB	(AB-POL/MPJ-HNG)
S06s	5975	25-1	1110	Tue	265 891 7 33796 13577 74126 46647 79302 53516 25616 891 7 00000	USB	(AB-POL/MPJ-HNG)
S06s	7062	26-1	0830	Wed	464 298 5 26605 94742 27434 31321 09233 298 5 00000	USB	(AB)
S06s	10532	26-1	0840	Wed	464 298 5 26605 94742 27434 31321 09233 298 5 00000	USB	(AB)
S06s	12365	26-1	1000	Wed	276 498 5 51404 71387 62783 50983 57191 498 5 00000	USB	(AB)
S06s	14280	26-1	1010	Wed	276 498 5 51404 71387 62783 50983 57191 498 5 00000	USB	(AB)
S06s	9921	27-1	0830	Thu	172 172 172 00000	USB	(AB)
S06s	9379	27-1	0840	Thu	172 172 172 00000	USB	(AB)
S06s	11550	27-1	0850	Thu	172 172 172 00000	USB	(AB)
S06s	12142	27-1	0900	Thu	172 172 172 00000	USB	(AB)
S06s	13375	27-1	0910	Thu	172 172 172 00000	USB	(AB)
S06s	13875	27-1	0920	Thu	172 172 172 00000	USB	(AB)
S06s	8812	27-1	0930	Thu	698 204 5 83630 93731 58291 64212 67195 204 5 00000	USB	(AB)
S06s	14986	27-1	0930	Thu	172 172 172 00000	USB	(AB)
S06s	9540	27-1	0940	Thu	698 204 5 83630 93731 58291 64212 67195 204 5 00000	USB	(AB)
S06s	12155	27-1	1200	Thu	175 829 6 04537 87875 47152 23486 80331 17613 829 6 00000	USB	(AB)
S06s	10920	27-1	1210	Thu	175 829 6 04537 87875 47152 23486 80331 17613 829 6 00000	USB	(AB)
S06s	11040	28-1	0830	Fri	156 923 7 04537 87875 47152 23486 80331 17613 74220 923 7 00000 Distorted audio	AM	(AB)
S06s	12153	28-1	0840	Fri	156 923 7 04537 87875 47152 23486 80331 17613 74220 923 7 00000 Distorted ausio	AM	(AB)
S06s	5765	28-1	0900	Fri	239 847 5 73943 36679 05666 60982 08338 847 5 00000	USB	(AB-POL)
S06s	6315	28-1	0910	Fri	239 847 5 73943 36679 05666 60982 08338 847 5 00000	USB	(AB)
S06s	13470	31-1	0630	Tue	462 462 462 00000	USB	(AB-ISR)
S06s	16515	31-1	0640	Tue	462 462 462 00000	USB	(AB-ISR)
S06s	8057	31-1	0830	Tue	764 764 764 00000	USB	(AB)
S06s	8530	31-1	0840	Tue	764 764 764 00000	USB	(AB)
S06s	14675	31-1	0900	Tue	232 232 232 00000	USB	(AB)
S06s	12830	31-1	0910	Tue	232 232 232 00000	USB	(AB)
S06s	8420	31-1	1300	Tue	149 149 149 00000	USB	(AB/MPJ)
S06s	10635	31-1	1310	Tue	149 149 149 00000	USB	(AB/MPJ)
S11a	5371	1-1	0830	Sat	370/00	USB	(AB)
S11a	11486	1-1	1850	Sat	284/00	USB	(AB)
S11a	5371	2-1	0830	Mon	370/00	USB	(AB)
S11a	9057	3-1	0510	Tue	656/00	USB	(AB-POL)
S11a	9050	3-1	0700	Tue	470/00	USB	(AB)
S11a	6252	3-1	0915	Tue	486/00	USB	(AB)
S11a	12530	4-1	0500	Tue	380/00	USB	(AB-POL)
S11a	9057	5-1	0510	Wed	650/00	USB	(AB-POL)

S11a	11486	5-1	1850	Wed	286/00	USB	(AB-POL/MPJ-AUT)
S11a	12530	6-1	0500	Thu	382/00	USB	(AB-POL)
S11a	9050	6-1	0700	Thu	471/00	USB	(AB)
S11a	6252	7-1	0915	Fri	482/00	USB	(AB)
S11a	8102	7-1	1020	Fri	429/00	USB	(AB)
S11a	5371	8-1	0830	Sat	377/00	USB	(AB)
S11a	11486	8-1	1850	Sat	284/00	USB	(AB-POL)
S11a	5371	9-1	0830	Mon	376/00	USB	(AB)
S11a	9057	10-1	0510	Tue	657/00	USB	(AB-POL)
S11a	9050	10-1	0700	Tue	472/00	USB	(AB)
S11a	6252	10-1	0915	Tue	483/00	USB	(AB)
S11a	12530	11-1	0500	Tue	383/00	USB	(AB-POL)
S11a	8102	11-1	1020	Tue	425/35 Vnimanaye 10495 13950 03988 ... 72577 76058 05969 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	9057	12-1	0510	Wed	655/00	USB	(AB-POL)
S11a	11486	12-1	1850	Wed	285/37 Vnimanaye 34324 65329 03705 ... 34507 18911 69267 Vnimanaye (message repeated) Konets	USB	(AB-POL/MPJ-AUT)
S11a	12530	13-1	0500	Thu	389/00	USB	(AB-POL)
S11a	9050	13-1	0700	Thu	477/00	USB	(AB)
S11a	6252	14-1	0915	Fri	480/00	USB	(AB)
S11a	8102	14-1	1020	Fri	425/35 Vnimanaye 10495 13950 03988 ... 72577 76058 05969 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	5371	15-1	0830	Sat	373/00	USB	(AB)
S11a	11486	15-1	1850	Sat	285/37 Vnimanaye 34324 65329 03705 ... 34507 18911 69267 Vnimanaye (message repeated) Konets	USB	(AB-POL/MPJ-AUT)
S11a	5371	16-1	0830	Mon	370/00	USB	(AB)
S11a	9057	17-1	0510	Tue	657/00 too weak to copy	USB	(AB)
S11a	9050	17-1	0700	Tue	479/38 Vnimanaye 18968 75752 53181 ... 89470 65121 78351 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	6252	17-1	0915	Tue	487/39 Vnimanaye 09602 68997 64931 ... 72013 76845 45887 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	12530	18-1	0500	Tue	382/37 Vnimanaye 98747 45539 12729 ... 40409 53790 86848 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	8102	18-1	1020	Tue	424/00	USB	(AB)
S11a	11486	19-1	1850	Wed	284/00	USB	(AB-POL)
S11a	12530	20-1	0500	Thu	382/37 Vnimanaye 98747 45539 12729 ... 40409 53790 86848 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	9050	20-1	0700	Thu	479/38 Vnimanaye 18968 75752 53181 ... 89470 65121 78351 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	6252	21-1	0915	Fri	487/39 Vnimanaye 09602 68997 64931 ... 72013 76845 45887 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	8102	21-1	1020	Fri	421/00	USB	(AB)
S11a	5371	22-1	0830	Sat	378/39 Vnimanaye 90408 11310 66518 ... 40833 47286 61670 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	11486	22-1	1850	Sat	280/00	USB	(AB/MPJ-HOL)
S11a	5371	23-1	0830	Mon	378/39 Vnimanaye 90408 11310 66518 ... 40833 47286 61670 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	9057	24-1	0510	Tue	651/40 Vnimanaye 31595 41753 40307 ... 46123 04738 69017 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	9050	24-1	0700	Tue	479/00	USB	(AB-POL)
S11a	6252	24-1	0915	Tue	482/00	USB	(AB)
S11a	12530	25-1	0500	Tue	389/00	USB	(AB-POL)

S11a	8102	25-1	1020	Tue	425/00	USB	(AB)
S11a	9057	26-1	0510	Wed	651/40 Vnimanaye 31595 41753 40307 ... 46123 04738 69017 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	11486	26-1	1850	Wed	281/00	USB	(AB-POL)
S11a	12530	27-1	0500	Thu	389/00	USB	(AB-POL)
S11a	9050	27-1	0700	Thu	478/00	USB	(AB)
S11a	6252	28-1	0915	Fri	481/00	USB	(AB)
S11a	8102	28-1	1020	Fri	420/00	USB	(AB)
S11a	5371	29-1	0830	Sat	372/00	USB	(AB)
S11a	11486	29-1	1850	Sat	282/00	USB	(AB-POL/MPJ-POL)
S11a	5371	30-1	0830	Mon	370/00	USB	(AB)
S11a	9057	31-1	0510	Tue	654/00	USB	(AB-POL)
S11a	9050	31-1	0700	Tue	470/00	USB	(AB)
S11a	6252	31-1	0915	Tue	480/00	USB	(AB)
S28	4625	6-1	1407	Thu	Buzzer: Russian military channel marker	USB	(ChPa)
S28	4625	9-1	1628	Mon	Buzzer with pip signal	USB	(AB)
S28	4625	13-1	1416	Thu	Buzzer: Russian military channel marker	USB	(ChPa)
S28	4625	14-1	0900	Fri	New channel marker: buzzing pip	USB	(AB)
S28	4625	14-1	1415	Fri	New channel marker: buzzing pip	USB	(AB)
S28	4625	15-1	1615	Sat	Buzzer: Russian military channel marker	USB	(ChPa)
S28	4625	16-1	0605	Mon	New channel marker: buzzing pip	USB	(AB)
S28	4625	16-1	0630	Mon	Buzzer: Russian military channel marker	USB	(ChPa)
S28	4625	18-1	0715	Tue	Buzzer: Russian military channel marker	USB	(ChPa)
S28	4625	18-1	1607	Tue	Buzzer: Russian military channel marker	USB	(ChPa)
S28	4625	19-1	1513	Wed	Buzzer: Russian military channel marker	USB	(ChPa)
S28	4625	20-1	0530	Thu	Buzzer: Russian military channel marker	USB	(ChPa)
S28	4625	21-1	1630	Fri	Buzzer: Russian military channel marker	USB	(ChPa)
S28	4625	23-1	1427	Mon	Buzzer: Russian military channel marker	USB	(ChPa)
S28	4625	25-1	0544	Tue	Buzzer: Russian military channel marker	USB	(ChPa)
S30	3756	6-1	1417	Thu	Pip: Russian military channel marker	USB	(ChPa)
S30	3756	12-1	2022	Wed	Pip: Russian military channel marker	USB	(ChPa)
S30	3756	15-1	1612	Sat	Pip: Russian military channel marker	USB	(ChPa)
S30	3756	17-1	1936	Tue	Pip: Russian military channel marker	USB	(ChPa)
S30	3756	18-1	1605	Tue	Pip: Russian military channel marker	USB	(ChPa)
S30	3756	19-1	1510	Wed	Pip: Russian military channel marker	USB	(ChPa)
S30	3756	20-1	0526	Thu	Pip: Russian military channel marker	USB	(ChPa)
S30	3756	21-1	1628	Fri	Pip: Russian military channel marker	USB	(ChPa)
S30	3756	23-1	1425	Mon	Pip: Russian military channel marker	USB	(ChPa)
S30	5448	25-1	0545	Tue	Pip: Russian military channel marker	USB	(ChPa)
S30	5448	25-1	0610	Tue	Pip: Russian military channel marker	USB	(AB)
S32	3828	12-1	2033	Wed	Squeaky Wheel: Russian military channel marker	USB	(ChPa)
S32	3828	15-1	1613	Sat	Squeaky Wheel: Russian military channel marker	USB	(ChPa)

S32	3828	17-1	1933	Tue	Squeaky Wheel: Russian military channel marker	USB	(ChPa)
S32	3828	18-1	1606	Tue	Squeaky Wheel: Russian military channel marker	USB	(ChPa)
S32	3828	19-1	1511	Wed	Squeaky Wheel: Russian military channel marker	USB	(ChPa)
S32	3828	20-1	0527	Thu	Squeaky Wheel: Russian military channel marker	USB	(ChPa)
S32	3828	21-1	1629	Fri	Squeaky Wheel: Russian military channel marker	USB	(ChPa)
S32	3828	23-1	1425	Mon	Squeaky Wheel: Russian military channel marker	USB	(ChPa)
S32	5473	25-1	0610	Tue	Squeaky Wheel: Russian military channel marker	USB	(AB)
UM03	4719.	9-1	1325	Mon	i.p. QPPZA IAVWP KBHOA YRCPW SEIJG MPZQM YVXRW ... AR 02W KFXBR 59W JSTGY ...	CW	(JPL-HK)
UM03	4730	9-1	1337	Mon	i.p. 21W OZXPW IDDZG EGJUR ZTYKK JXGSU ICIXF ... AR	CW	(JPL-HK)
UM04	4735	4-1	0807	Tue	Late start VVV VVV PROMRÍ = 0401 = 1000 0690 0740 0900 1340 ... 0800 0500 0540 0670 1010 = AR	CW	(AB-HNG)
UM04	4735	5-1	0800	Wed	VVV VVV PROMRÍ 05 01 = 1000 0690 0750 0910 1360 ... 0800 0500 0540 0670 1010 = AR	CW	(AB-GRC)
UM04	4735	9-1	0800	Mon	VVV VVV PROMRÍ = 09 01 = 1000 0690 0750 0910 1360 ... 0800 0490 0530 0650 0980 = AR	CW	(AB-HNG)
UM04	4735	10-1	0800	Tue	VVV VVV PROMRÍ = 1001 = 1000 0690 0740 0900 1350 ... 0800 0490 0530 0650 0980 = AR	CW	(AB-HNG)
UM04	4735	11-1	0803	Tue	VVV VVV PROMRÍ = 11 01 = 1000 0690 0740 0910 1350 ... 0800 0490 0530 0650 0980 = AR	CW	(AB-HNG)
UM04	4735	15-1	0800	Sat	VVV VVV PROMRÍ = 1501 = 1000 0670 0720 0890 1320 ... 0800 0480 0520 0640 0970 = AR	CW	(AB)
UM04	4735	17-1	0800	Tue	VVV VVV PROMRÍ = 17 01 = 1000 0670 0720 0880 1320 ... 0800 0480 0520 0640 0960 = AR	CW	(AB-HNG)
UM04	4735	22-1	0800	Sat	VVV VVV PROMRÍ = 22 01 = 1000 0660 0710 0880 1310 ... 0800 0460 0500 0620 0930 = AR	CW	(AB)
UM04	4735	23-1	0800	Mon	VVVVV PROMRÍ = 23 01 = 1000 0660 0710 0870 1300 ... 0800 0460 0500 0620 0930 = AR	CW	(AB-HNG)
UM04	4735	27-1	0800	Thu	VVVVV PROMRÍ = 27 01 = 1000 0650 0700 0860 1290 ... 0800 0570 0510 0620 0940 = AR	CW	(AB-HNG)
UM04	4375	28-1	0802	Fri	Started late and already in progress 0 0710 0770 0950 1410 ... 0800 0470 0510 0630 0940 = AR	CW	(AB)
UM04	4735	29-1	0800	Sat	VVVVV PROMRÍ = 29 01 = 1000 0660 0710 0870 1310 ... 0080 0470 0510 0630 0950 = AR	CW	(AB)
UM04	4735	30-1	0800	Mon	VVVVV PROMRÍ = 30 01 = 1000 0660 0710 0870 1320 ... 0800 0470 0510 0630 0950 = AR	CW	(AB-HNG)
UM10	3287	9-1	1354	Mon	10-minutes net: 4KUE	CW	(JPL-HK)
UM10	3287	19-1	1349	Wed	19-minutes net: 4KUE	CW	(JPL-J)
UM10	3971	20-1	1820	Thu	10-minutes net: 4KUE	CW	(JPL-J)
V07	15893	2-1	0100	Mon	868 868 868 000	USB	(Dan)
V07	14693	2-1	0120	Mon	868 868 868 000	USB	(Dan)
V07	15893	9-1	0100	Mon	868 868 868 000	USB	(Dan)
V07	14693	9-1	0120	Mon	868 868 868 000	USB	(Dan)
V07	15893	16-1	0100	Mon	868 868 868 1 161 68 161 68 80331 07529 64469 ... 07132 77321 97132 000 000	USB	(Dan)
V07	14693	16-1	0120	Mon	868 868 868 1 161 68 161 68 80331 07529 64469 ... 07132 77321 97132 000 000	USB	(Dan)
V07	13893	16-1	0140	Mon	868 868 868 1 161 68 161 68 80331 07529 64469 ... 07132 77321 97132 000 000	USB	(Dan)
V07	15893	23-1	0100	Mon	868 868 868 1 2858 128 2858 128 04036 01407 98042 ... 37742 50536 58639 000 000	USB	(Dan/HFD-USA)
V07	14693	23-1	0120	Mon	868 868 868 1 2858 128 2858 128 04036 01407 98042 ... 37742 50536 58639 000 000	USB	(Dan/HFD-USA)
V07	13893	23-1	0140	Mon	868 868 868 1 2858 128 2858 128 04036 01407 98042 ... 37742 50536 58639 000 000	USB	(Dan/HFD-USA)
V07	15893	30-1	0100	Mon	868 868 868 1 164 120 164 120 52298 36151 18098 ... 55385 67383 39674 000 000	USB	(Dan)
V07	14693	30-1	0120	Mon	868 868 868 1 164 120 164 120 52298 36151 18098 ... 55385 67383 39674 000 000	USB	(Dan)
V07	13893	30-1	0140	Mon	868 868 868 1 164 120 164 120 52298 36151 18098 ... 55385 67383 39674 000 000	USB	(Dan)
V26	7345	8-1	0020	Sat	Repeats M95 messages in Chinese voice. Female operator //9054	USB	(JPL)
V26	9054	8-1	0020	Sat	Repeats M95 messages in Chinese voice. Female operator //7345	USB	(JPL)
V26	3729	20-1	1213	Thu	Voice traffic	USB	(JPL)
V26	4364	31-1	1130	Mon	XSV85 callup in Chinese voice //8073	USB	(JPL)

V26	8073	31-1	1130	Mon	XSV85 callup in Chinese voice //4364	USB	(JPL)
X06	11424	10-1	0914	Tue	MFA Moscow clg 421635: Russian embassy Oslo ended at 0918z	MFSK-6	(AB)
X06	10372	10-1	0947	Tue	MFA Moscow clg 431625: Russian embassy Warsaw ended at 0955z	MFSK-6	(AB)
X06	11025	11-1	1004	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat ended at 1021z	MFSK-6	(AB)
X06	11025	11-1	1014	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(ES-HOL)
X06	10230	11-1	1130	Tue	611612	MFSK-6	(AB)
X06	10714	12-1	0835	Wed	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(AB)
X06	11153	12-1	0913	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(AB)
X06	13452	17-1	0750	Tue	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(AB/Moon)
X06	10175	17-1	0813	Tue	MFA Moscow clg 263514: unid embassy	MFSK-6	(Moon)
X06	11562	17-1	0836	Tue	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(AB/RO-Moon)
X06	13395	17-1	0921	Tue	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(Moon)
X06	14765	18-1	0920	Tue	MFA Moscow clg unid station	MFSK-6	(RO)
X06	14765	18-1	0929	Tue	MFA Moscow clg 154632	MFSK-6	(ES-HOL)
X06	12150	19-1	0737	Wed	MFA Moscow clg 256341: Russian embassy Beirut	MFSK-6	(RO)
X06	13979	19-1	1108	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(RO)
X06	10550	20-1	1231	Thu	MFA Moscow clg 214356: Russian embassy Amman	MFSK-6	(RO)
X06	15710	23-1	1122	Mon	MFA Moscow clg 261453: Russian embassy Cairo	MFSK-6	(RO)
X06	20690	24-1	0810	Tue	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(Moon/RO)
X06	11424	24-1	0906	Tue	MFA Moscow clg 421635: Russian embassy Oslo	MFSK-6	(RO)
X06	16117	24-1	0933	Tue	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(Moon)
X06	10372	24-1	0936	Tue	MFA Moscow clg 431625: Russian embassy Warsaw	MFSK-6	(Moon)
X06	12177	24-1	1245	Tue	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(RO)
X06	16257	25-1	0809	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(Moon-HOL)
X06	11545	25-1	0814	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(Moon-HOL)
X06	17520	25-1	1005	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(Moon-HOL)
X06	20950	26-1	0727	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(Moon-HOL)
X06	10814	26-1	0836	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(Moon-HOL)
X06	13419	26-1	0904	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(RO-HOL)
X06	13985	26-1	0904	Wed	MFA Moscow clg 134265: Russian embassy Tunis	MFSK-6	(RO-HOL)
X06	13506	27-1	0907	Thu	MFA Moscow clg 164532: Russian embassy Dublin	MFSK-6	(Moon-HOL)
X06	11411	27-1	0944	Thu	MFA Moscow clg 164532: Russian embassy Dublin	MFSK-6	(Moon-HOL)
X06	16223	27-1	0950	Thu	MFA Moscow clg 164532: Russian embassy Dublin	MFSK-6	(Moon-HOL)
X06	13506	27-1	0955	Thu	MFA Moscow clg 164532: Russian embassy Dublin	MFSK-6	(Moon-HOL)
X06	14419	27-1	1007	Thu	MFA Moscow clg 521634: Russian embassy Bucharest	MFSK-6	(RO)
X06	15810	30-1	1106	Mon	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(RO)
X06	15810	30-1	1106	Mon	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(RO-HOL)
X06	12114	30-1	1110	Mon	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(RO)
X06	12114	30-1	1110	Mon	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(Moon-HOL)
X06	11067	30-1	1114	Mon	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(RO)
X06	11067	30-1	1115	Mon	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(Moon-HOL)
X06	13548	30-1	1159	Mon	MFA Moscow clg 214356: Russian embassy Amman	MFSK-6	(RO-HOL)

X06	13548	30-1	1159	Mon	MFA Moscow clg 214356: Russian embassy Amman	MFSK-6	(RO)
X06	10550	30-1	1231	Mon	MFA Moscow clg 214356: Russian embassy Amman	MFSK-6	(RO)
X06b	12450	13-1	1255	Thu	111666 ended at 1305z + 1312-1313z	MFSK-6	(AB)
X06b	10920	17-1	0702	Tue	111666 ended at 0858z	MFSK-6	(AB/Moon)
X06b	12220	17-1	0728	Tue	111666 ended at 0856z	MFSK-6	(AB/Moon)
X06b	14220	17-1	0858	Tue	111666 ended at 1052z	MFSK-6	(AB/Moon)
X06b	11920	17-1	1028	Tue	111666 ended at 1052z	MFSK-6	(Moon)
X06b	13462	18-1	0722	Tue	before XPA	MFSK-6	(RO)
X06b	7230	21-1	0745	Fri	active	MFSK-6	(RO)
X06b	17230	21-1	0830	Fri	active	MFSK-6	(RO)
X06d	12450	20-1	1055	Thu	111111 ended at 1116z	CW	(AB)
X06d	12450	20-1	1057	Thu	111111 briefly at 14650kHz, moved to 12649 kHz	CW	(RO)
X06d	12169	22-1	1509	Sat	111111	CW	(RO)
X06d	8750	24-1	0945	Tue	111111 ended at 1010z	CW	(Moon/RO)
X06d	8750	24-1	1014	Tue	111111 ended at 1050z	CW	(Moon)
X06d	16250	26-1	0901	Wed	111111 ended at 1000z	CW	(Moon-HOL)
X06d	12079	28-1	0705	Fri	111111 ended at 0709z, back from 0711 to 0718z, then briefly at 0720z	CW	(AB)
XPA1	12157	4-1	0810	Tue	265 265 265 000 08712 00001 00000 35661	MFSK-20/10Bd	(AB/HFD)
XPA1	13462	4-1	0830	Tue	265 265 265 000 08712 00001 00000 35661	MFSK-20/10Bd	(AB/HFD)
XPA1	14374	4-1	0850	Tue	265 265 265 000 08712 00001 00000 35661	MFSK-20/10Bd	(AB/HFD)
XPA1	14852	5-1	1310	Wed	895 895 895 000 02917 00001 00000 41253	MFSK-20/10Bd	(AB)
XPA1	13952	5-1	1330	Wed	895 895 895 000 02917 00001 00000 41253	MFSK-20/10Bd	(AB)
XPA1	11552	5-1	1350	Wed	895 895 895 000 02917 00001 00000 41253	MFSK-20/10Bd	(AB)
XPA1	12157	6-1	0810	Thu	265 265 265 000 07932 00001 00000 36662	MFSK-20/10Bd	(AB)
XPA1	13462	6-1	0830	Thu	265 265 265 000 07932 00001 00000 36662	MFSK-20/10Bd	(AB)
XPA1	14374	6-1	0850	Thu	265 265 265 000 07932 00001 00000 36662	MFSK-20/10Bd	(AB)
XPA1	14852	7-1	1310	Fri	895 895 895 000 05613 00001 00000 35656	MFSK-20/10Bd	(AB/HFD)
XPA1	13952	7-1	1330	Fri	895 895 895 000 05613 00001 00000 35656	MFSK-20/10Bd	(AB/HFD)
XPA1	11552	7-1	1350	Fri	895 895 895 000 05613 00001 00000 35656	MFSK-20/10Bd	(AB/HFD)
XPA1	12157	11-1	0810	Tue	265 265 265 000 06381 00001 00000 33266	MFSK-20/10Bd	(AB)
XPA1	13462	11-1	0830	Tue	265 265 265 000 06381 00001 00000 33266	MFSK-20/10Bd	(AB)
XPA1	14374	11-1	0850	Tue	265 265 265 000 06381 00001 00000 33266	MFSK-20/10Bd	(AB)
XPA1	14852	12-1	1310	Wed	895 895 895 000 08205 00001 00000 34660	MFSK-20/10Bd	(AB/RL-HOL)
XPA1	13952	12-1	1330	Wed	895 895 895 000 08205 00001 00000 34660	MFSK-20/10Bd	(AB/RL-HOL)
XPA1	11552	12-1	1350	Wed	895 895 895 000 08205 00001 00000 34660	MFSK-20/10Bd	(AB/RL-HOL)
XPA1	12157	13-1	0810	Thu	265 265 265 000 09139 00001 00000 36264	MFSK-20/10Bd	(AB)
XPA1	13462	13-1	0830	Thu	265 265 265 000 09139 00001 00000 36264	MFSK-20/10Bd	(AB)
XPA1	14374	13-1	0850	Thu	265 265 265 000 09139 00001 00000 36264	MFSK-20/10Bd	(AB)
XPA1	14852	14-1	1310	Fri	895 895 895 000 04164 00001 00000 33662	MFSK-20/10Bd	(AB)
XPA1	13952	14-1	1330	Fri	895 895 895 000 04164 00001 00000 33662	MFSK-20/10Bd	(AB)
XPA1	11552	14-1	1350	Fri	895 895 895 000 04164 00001 00000 33662	MFSK-20/10Bd	(AB)
XPA1	12157	18-1	0810	Tue	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)

XPA1	13462	18-1	0830	Tue	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)
XPA1	14374	18-1	0850	Tue	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)
XPA1	14852	19-1	1310	Wed	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB)
XPA1	13952	19-1	1330	Wed	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB)
XPA1	11552	19-1	1350	Wed	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB)
XPA1	12157	20-1	0810	Thu	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)
XPA1	13462	20-1	0830	Thu	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)
XPA1	14374	20-1	0850	Thu	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)
XPA1	14852	21-1	1310	Fri	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB/MPJ)
XPA1	13952	21-1	1330	Fri	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB/MPJ)
XPA1	11552	21-1	1350	Fri	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB/MPJ)
XPA1	12157	25-1	0810	Tue	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)
XPA1	13462	25-1	0830	Tue	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)
XPA1	14374	25-1	0850	Tue	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)
XPA1	14852	26-1	1310	Wed	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB)
XPA1	13952	26-1	1330	Wed	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB)
XPA1	11552	26-1	1350	Wed	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB)
XPA1	12157	27-1	0810	Thu	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)
XPA1	13462	27-1	0830	Thu	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)
XPA1	14374	27-1	0850	Thu	265 265 265 1 00419 00106 43511 ... 52684 53279 00673	MFSK-20/10Bd	(AB)
XPA1	14852	28-1	1310	Fri	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB)
XPA1	13952	28-1	1330	Fri	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB)
XPA1	11552	28-1	1350	Fri	895 895 895 1 07938 00114 82298 ... 63688 30979 35671	MFSK-20/10Bd	(AB)
XPA2	14794	1-1	0910	Sat	08823 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	13994	1-1	0930	Sat	08823 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	12194	1-1	0950	Sat	08823 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	9317	1-1	1600	Sat	04924 00001 00000 37656	MFSK-16/20Bd	(AB)
XPA2	8117	1-1	1620	Sat	04924 00001 00000 37656	MFSK-16/20Bd	(AB)
XPA2	7517	1-1	1640	Sat	04924 00001 00000 37656	MFSK-16/20Bd	(AB)
XPA2	10921	2-1	1200	Mon	09140 00001 00000 31665	MFSK-16/20Bd	(AB/HFD)
XPA2	12221	2-1	1220	Mon	09140 00001 00000 31665	MFSK-16/20Bd	(AB/RL-HOL/HFD)
XPA2	13521	2-1	1240	Mon	09140 00001 00000 31665	MFSK-16/20Bd	(AB/RL-HOL/HFD)
XPA2	11493	3-1	0800	Tue	04441 00001 00000 33660	MFSK-16/20Bd	(AB/HFD)
XPA2	13393	3-1	0820	Tue	04441 00001 00000 33660	MFSK-16/20Bd	(AB/HFD)
XPA2	13993	3-1	0840	Tue	04441 00001 00000 33660	MFSK-16/20Bd	(AB/HFD)
XPA2	14977	3-1	0910	Tue	09257 00001 00000 35666	MFSK-16/20Bd	(AB)
XPA2	13971	3-1	0930	Tue	09257 00001 00000 35666	MFSK-16/20Bd	(AB)
XPA2	13371	3-1	0950	Tue	09257 00001 00000 35666	MFSK-16/20Bd	(AB)
XPA2	9317	3-1	1600	Tue	08519 00001 00000 40261	MFSK-16/20Bd	(AB/MPJ/RL-HOL)
XPA2	8117	3-1	1620	Tue	08519 00001 00000 40261	MFSK-16/20Bd	(AB/MPJ)
XPA2	7517	3-1	1640	Tue	08519 00001 00000 40261	MFSK-16/20Bd	(AB/MPJ/RL-HOL)
XPA2	10231	4-1	1100	Tue	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB)

XPA2	9331	4-1	1120	Tue	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB)
XPA2	8131	4-1	1140	Tue	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB/RL-HOL)
XPA2	10921	4-1	1200	Tue	02955 00001 00000 40260	MFSK-16/20Bd	(AB/MPJ)
XPA2	12221	4-1	1220	Tue	02955 00001 00000 40260	MFSK-16/20Bd	(AB/MPJ/RL-HOL)
XPA2	13521	4-1	1240	Tue	02955 00001 00000 40260	MFSK-16/20Bd	(AB/MPJ/RL-HOL)
XPA2	10465	4-1	1600	Tue	02056 00001 00000 34257	MFSK-16/20Bd	(AB/MPJ)
XPA2	9165	4-1	1620	Tue	02056 00001 00000 34257	MFSK-16/20Bd	(AB/MPJ)
XPA2	8065	4-1	1640	Tue	02056 00001 00000 34257	MFSK-16/20Bd	(AB/MPJ)
XPA2	11493	5-1	0800	Wed	05564 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	13393	5-1	0820	Wed	05564 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	13993	5-1	0840	Wed	05564 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	14977	5-1	0910	Wed	05547 00001 00000 37266	MFSK-16/20Bd	(AB)
XPA2	13971	5-1	0930	Wed	05547 00001 00000 37266	MFSK-16/20Bd	(AB)
XPA2	13371	5-1	0950	Wed	05547 00001 00000 37266	MFSK-16/20Bd	(AB)
XPA2	13384	5-1	1100	Wed	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB/HFD)
XPA2	12184	5-1	1120	Wed	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB/HFD)
XPA2	10984	5-1	1140	Wed	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB/HFD)
XPA2	10726	5-1	1200	Wed	06086 00062 39737 ... 01294 01970 47412	MFSK-16/29Bd	(AB/HFD)
XPA2	11426	5-1	1220	Wed	06086 00062 39737 ... 01294 01970 47412	MFSK-16/29Bd	(AB/HFD)
XPA2	12226	5-1	1240	Wed	06086 00062 39737 ... 01294 01970 47412	MFSK-16/29Bd	(AB/HFD)
XPA2	14794	6-1	0910	Thu	08311 00001 00000 33261	MFSK-16/20Bd	(AB/HFD)
XPA2	13994	6-1	0930	Thu	08311 00001 00000 33261	MFSK-16/20Bd	(AB/HFD)
XPA2	12194	6-1	0950	Thu	08311 00001 00000 33261	MFSK-16/20Bd	(AB/HFD)
XPA2	13384	6-1	1100	Thu	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB)
XPA2	12184	6-1	1120	Thu	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB)
XPA2	10984	6-1	1140	Thu	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB)
XPA2	10465	6-1	1600	Thu	message	MFSK-16/20Bd	(HFD)
XPA2	9165	6-1	1620	Thu	message	MFSK-16/20Bd	(HFD)
XPA2	8065	6-1	1640	Thu	message	MFSK-16/20Bd	(HFD)
XPA2	10231	7-1	1100	Fri	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB/HFD)
XPA2	9331	7-1	1120	Fri	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB/HFD)
XPA2	8131	7-1	1140	Fri	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB/HFD)
XPA2	10726	7-1	1200	Fri	06086 00062 39737 ... 01294 01970 47412	MFSK-16/29Bd	(AB)
XPA2	11426	7-1	1220	Fri	06086 00062 39737 ... 01294 01970 47412	MFSK-16/29Bd	(AB)
XPA2	12226	7-1	1240	Fri	06086 00062 39737 ... 01294 01970 47412	MFSK-16/29Bd	(AB)
XPA2	14794	8-1	0910	Sat	04749 00001 00000 41260	MFSK-16/20Bd	(AB)
XPA2	13994	8-1	0930	Sat	04749 00001 00000 41260	MFSK-16/20Bd	(AB)
XPA2	12194	8-1	0950	Sat	04749 00001 00000 41260	MFSK-16/20Bd	(AB)
XPA2	9317	8-1	1600	Sat	08098 00001 00000 35271	MFSK-16/20Bd	(AB/HFD-RUS)
XPA2	8117	8-1	1620	Sat	08098 00001 00000 35271	MFSK-16/20Bd	(AB/HFD)
XPA2	7517	8-1	1640	Sat	08098 00001 00000 35271	MFSK-16/20Bd	(AB/HFD)
XPA2	10921	9-1	1200	Mon	06633 00001 00000 35661	MFSK-16/20Bd	(AB/MPJ)

XPA2	12221	9-1	1220	Mon	06633 00001 00000 35661	MFSK-16/20Bd	(AB/MPJ)
XPA2	13521	9-1	1240	Mon	06633 00001 00000 35661	MFSK-16/20Bd	(AB/MPJ)
XPA2	11493	10-1	0800	Tue	02338 00001 00000 36655	MFSK-16/20Bd	(AB)
XPA2	13393	10-1	0820	Tue	02338 00001 00000 36655	MFSK-16/20Bd	(AB)
XPA2	13993	10-1	0840	Tue	02338 00001 00000 36655	MFSK-16/20Bd	(AB)
XPA2	14977	10-1	0910	Tue	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB)
XPA2	13971	10-1	0930	Tue	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB)
XPA2	13371	10-1	0950	Tue	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB)
XPA2	9317	10-1	1600	Tue	00703 00145 98478 ... 55719 57544 47312	MFSK-16/20Bd	(AB)
XPA2	8117	10-1	1620	Tue	00703 00145 98478 ... 55719 57544 47312	MFSK-16/20Bd	(AB)
XPA2	7517	10-1	1640	Tue	00703 00145 98478 ... 55719 57544 47312	MFSK-16/20Bd	(AB)
XPA2	10231	11-1	1100	Tue	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB)
XPA2	9331	11-1	1120	Tue	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB)
XPA2	8131	11-1	1140	Tue	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB)
XPA2	10921	11-1	1200	Tue	00268 00056 20438 ... 85389 48172 15362	MFSK-16/20Bd	(AB)
XPA2	12221	11-1	1220	Tue	00268 00056 20438 ... 85389 48172 15362	MFSK-16/20Bd	(AB)
XPA2	13521	11-1	1240	Tue	00268 00056 20438 ... 85389 48172 15362	MFSK-16/20Bd	(AB)
XPA2	10465	11-1	1600	Tue	05270 00001 00000 32264	MFSK-16/20Bd	(AB/MPJ)
XPA2	9165	11-1	1620	Tue	05270 00001 00000 32264	MFSK-16/20Bd	(AB/MPJ)
XPA2	8065	11-1	1640	Tue	05270 00001 00000 32264	MFSK-16/20Bd	(AB/MPJ)
XPA2	11493	12-1	0800	Wed	02387 00001 00000 36262	MFSK-16/20Bd	(AB)
XPA2	13393	12-1	0820	Wed	02387 00001 00000 36262	MFSK-16/20Bd	(AB)
XPA2	13993	12-1	0840	Wed	02387 00001 00000 36262	MFSK-16/20Bd	(AB)
XPA2	14977	12-1	0910	Wed	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB)
XPA2	13971	12-1	0930	Wed	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB)
XPA2	13371	12-1	0950	Wed	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB)
XPA2	13384	12-1	1100	Wed	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB)
XPA2	12184	12-1	1120	Wed	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB)
XPA2	10984	12-1	1140	Wed	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB)
XPA2	10726	12-1	1200	Wed	07462 00098 78933 ... 89485 33163 24156	MFSK-16/29Bd	(AB)
XPA2	11426	12-1	1220	Wed	07462 00098 78933 ... 89485 33163 24156	MFSK-16/29Bd	(AB)
XPA2	12226	12-1	1240	Wed	07462 00098 78933 ... 89485 33163 24156	MFSK-16/29Bd	(AB)
XPA2	14794	13-1	0910	Thu	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	13994	13-1	0930	Thu	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	12194	13-1	0950	Thu	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	13384	13-1	1100	Thu	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB)
XPA2	12184	13-1	1120	Thu	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB)
XPA2	10984	13-1	1140	Thu	00605 00046 55375 ... 06231 14472 13201	MFSK-16/29Bd	(AB)
XPA2	10465	13-1	1600	Thu	05986 00001 00000 40665	MFSK-16/20Bd	(AB)
XPA2	9165	13-1	1620	Thu	05986 00001 00000 40665	MFSK-16/20Bd	(AB)
XPA2	8065	13-1	1640	Thu	05986 00001 00000 40665	MFSK-16/20Bd	(AB)
XPA2	10231	14-1	1100	Fri	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB)

XPA2	9331	14-1	1120	Fri	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB)
XPA2	8131	14-1	1140	Fri	00815 00070 36006 ... 92530 61481 71324	MFSK-16/20Bd	(AB)
XPA2	10726	14-1	1200	Fri	07462 00098 78933 ... 89485 33163 24156	MFSK-16/29Bd	(AB)
XPA2	11426	14-1	1220	Fri	07462 00098 78933 ... 89485 33163 24156	MFSK-16/29Bd	(AB)
XPA2	12226	14-1	1240	Fri	07462 00098 78933 ... 89485 33163 24156	MFSK-16/29Bd	(AB)
XPA2	14794	15-1	0910	Sat	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	13994	15-1	0930	Sat	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	12194	15-1	0950	Sat	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	9317	15-1	1600	Sat	00703 00145 98478 ... 55719 57544 47312	MFSK-16/20Bd	(AB/MPJ)
XPA2	8117	15-1	1620	Sat	00703 00145 98478 ... 55719 57544 47312	MFSK-16/20Bd	(AB/MPJ)
XPA2	7517	15-1	1640	Sat	00703 00145 98478 ... 55719 57544 47312	MFSK-16/20Bd	(AB/MPJ)
XPA2	10921	16-1	1200	Mon	00268 00056 20438 ... 85389 48172 15362	MFSK-16/20Bd	(AB/MPJ)
XPA2	12221	16-1	1220	Mon	00268 00056 20438 ... 85389 48172 15362	MFSK-16/20Bd	(AB/MPJ)
XPA2	13521	16-1	1240	Mon	00268 00056 20438 ... 85389 48172 15362	MFSK-16/20Bd	(AB/MPJ)
XPA2	11493	17-1	0800	Tue	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	13393	17-1	0820	Tue	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	13993	17-1	0840	Tue	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	14977	17-1	0910	Tue	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB)
XPA2	13971	17-1	0930	Tue	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB)
XPA2	13371	17-1	0950	Tue	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB)
XPA2	9317	17-1	1600	Tue	08663 00213 88200 ... 77207 48145 62400	MFSK-16/20Bd	(AB/MPJ)
XPA2	8117	17-1	1620	Tue	08663 00213 88200 ... 77207 48145 62400	MFSK-16/20Bd	(AB/MPJ)
XPA2	7517	17-1	1640	Tue	08663 00213 88200 ... 77207 48145 62400	MFSK-16/20Bd	(AB/MPJ)
XPA2	10231	18-1	1100	Tue	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB)
XPA2	9331	18-1	1120	Tue	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB)
XPA2	8131	18-1	1140	Tue	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB)
XPA2	10921	18-1	1200	Tue	08773 00126 14203 ... 12206 67598 43750	MFSK-16/20Bd	(AB)
XPA2	12221	18-1	1220	Tue	08773 00126 14203 ... 12206 67598 43750	MFSK-16/20Bd	(AB)
XPA2	13521	18-1	1240	Tue	08773 00126 14203 ... 12206 67598 43750	MFSK-16/20Bd	(AB)
XPA2	10465	18-1	1600	Tue	02933 00261 27907 ... 01848 80088 17634	MFSK-16/20Bd	(AB)
XPA2	9165	18-1	1620	Tue	02933 00261 27907 ... 01848 80088 17634	MFSK-16/20Bd	(AB)
XPA2	8065	18-1	1640	Tue	02933 00261 27907 ... 01848 80088 17634	MFSK-16/20Bd	(AB)
XPA2	11493	19-1	0800	Wed	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	13393	19-1	0820	Wed	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	13993	19-1	0840	Wed	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	14977	19-1	0910	Wed	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB/HFD)
XPA2	13971	19-1	0930	Wed	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB/HFD)
XPA2	13371	19-1	0950	Wed	01545 00088 66278 ... 67884 76021 52140	MFSK-16/20Bd	(AB/HFD)
XPA2	13384	19-1	1100	Wed	08749 00001 00000 41264	MFSK-16/29Bd	(AB)
XPA2	12184	19-1	1120	Wed	08749 00001 00000 41264	MFSK-16/29Bd	(AB/RL)
XPA2	10984	19-1	1140	Wed	08749 00001 00000 41264	MFSK-16/29Bd	(AB/RL)
XPA2	10726	19-1	1200	Wed	09174 00144 75953 ... 08305 60063 63633	MFSK-16/29Bd	(AB)

XPA2	11426	19-1	1220	Wed	09174 00144 75953 ... 08305 60063 63633	MFSK-16/29Bd	(AB)
XPA2	12226	19-1	1240	Wed	09174 00144 75953 ... 08305 60063 63633	MFSK-16/29Bd	(AB)
XPA2	14794	20-1	0910	Thu	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	13994	20-1	0930	Thu	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	12194	20-1	0950	Thu	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	13384	20-1	1100	Thu	02489 00001 00000 37662	MFSK-16/29Bd	(AB/MPJ)
XPA2	12184	20-1	1120	Thu	02489 00001 00000 37662	MFSK-16/29Bd	(AB/MPJ)
XPA2	10984	20-1	1140	Thu	02489 00001 00000 37662	MFSK-16/29Bd	(AB/MPJ)
XPA2	10465	20-1	1600	Thu	02933 00261 27907 ... 01848 80088 17634	MFSK-16/20Bd	(AB/MPJ)
XPA2	9165	20-1	1620	Thu	02933 00261 27907 ... 01848 80088 17634	MFSK-16/20Bd	(AB/MPJ)
XPA2	8065	20-1	1640	Thu	02933 00261 27907 ... 01848 80088 17634	MFSK-16/20Bd	(AB/MPJ)
XPA2	10231	21-1	1100	Fri	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB/MPJ)
XPA2	9331	21-1	1120	Fri	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB/MPJ)
XPA2	8131	21-1	1140	Fri	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB/MPJ)
XPA2	10726	21-1	1200	Fri	09174 00144 75953 ... 08305 60063 63633	MFSK-16/29Bd	(AB/MPJ)
XPA2	11426	21-1	1220	Fri	09174 00144 75953 ... 08305 60063 63633	MFSK-16/29Bd	(AB/MPJ)
XPA2	12226	21-1	1240	Fri	09174 00144 75953 ... 08305 60063 63633	MFSK-16/29Bd	(AB/MPJ)
XPA2	14794	22-1	0910	Sat	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	13994	22-1	0930	Sat	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	12194	22-1	0950	Sat	01942 00088 28733 ... 28522 86666 16521	MFSK-16/20Bd	(AB)
XPA2	9317	22-1	1600	Sat	08663 00213 88200 ... 77207 48145 62400	MFSK-16/20Bd	(AB/MPJ)
XPA2	8117	22-1	1620	Sat	08663 00213 88200 ... 77207 48145 62400	MFSK-16/20Bd	(AB/MPJ)
XPA2	7517	22-1	1640	Sat	08663 00213 88200 ... 77207 48145 62400	MFSK-16/20Bd	(AB/MPJ)
XPA2	10921	23-1	1200	Mon	08773 00126 14203 ... 12206 67598 43750	MFSK-16/20Bd	(AB)
XPA2	12221	23-1	1220	Mon	08773 00126 14203 ... 12206 67598 43750	MFSK-16/20Bd	(AB)
XPA2	13521	23-1	1240	Mon	08773 00126 14203 ... 12206 67598 43750	MFSK-16/20Bd	(AB)
XPA2	11493	24-1	0800	Tue	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	13393	24-1	0820	Tue	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	13993	24-1	0840	Tue	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	14977	24-1	0910	Tue	08738 00001 00000 40663	MFSK-16/20Bd	(AB)
XPA2	13971	24-1	0930	Tue	08738 00001 00000 40663	MFSK-16/20Bd	(AB)
XPA2	13371	24-1	0950	Tue	08738 00001 00000 40663	MFSK-16/20Bd	(AB)
XPA2	9317	24-1	1600	Tue	04524 00001 00000 35656	MFSK-16/20Bd	(AB)
XPA2	8117	24-1	1620	Tue	04524 00001 00000 35656	MFSK-16/20Bd	(AB)
XPA2	7517	24-1	1640	Tue	04524 00001 00000 35656	MFSK-16/20Bd	(AB)
XPA2	10231	25-1	1100	Tue	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB)
XPA2	9331	25-1	1120	Tue	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB)
XPA2	8131	25-1	1140	Tue	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB)
XPA2	10921	25-1	1200	Tue	07281 00130 07840 ... 04400 08210 73711	MFSK-16/20Bd	(AB)
XPA2	12221	25-1	1220	Tue	07281 00130 07840 ... 04400 08210 73711	MFSK-16/20Bd	(AB)
XPA2	13521	25-1	1240	Tue	07281 00130 07840 ... 04400 08210 73711	MFSK-16/20Bd	(AB)
XPA2	10465	25-1	1600	Tue	02145 00001 00000 34256	MFSK-16/20Bd	(AB)

XPA2	9165	25-1	1620	Tue	02145 00001 00000 34256	MFSK-16/20Bd	(AB)
XPA2	8065	25-1	1640	Tue	02145 00001 00000 34256	MFSK-16/20Bd	(AB)
XPA2	11493	26-1	0800	Wed	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	13393	26-1	0820	Wed	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	13993	26-1	0840	Wed	02106 00128 51605 ... 92965 11721 57250	MFSK-16/20Bd	(AB)
XPA2	14977	26-1	0910	Wed	05909 00001 00000 42255	MFSK-16/20Bd	(AB)
XPA2	13971	26-1	0930	Wed	05909 00001 00000 42255	MFSK-16/20Bd	(AB)
XPA2	13371	26-1	0950	Wed	05909 00001 00000 42255	MFSK-16/20Bd	(AB)
XPA2	13384	26-1	1100	Wed	02466 00098 43625 ... 59939 44602 50234	MFSK-16/29Bd	(AB)
XPA2	12184	26-1	1120	Wed	02466 00098 43625 ... 59939 44602 50234	MFSK-16/29Bd	(AB)
XPA2	10984	26-1	1140	Wed	02466 00098 43625 ... 59939 44602 50234	MFSK-16/29Bd	(AB)
XPA2	10726	26-1	1200	Wed	00563 00168 65299 ... 36583 05491 03136	MFSK-16/29Bd	(AB)
XPA2	11426	26-1	1220	Wed	00563 00168 65299 ... 36583 05491 03136	MFSK-16/29Bd	(AB)
XPA2	12226	26-1	1240	Wed	00563 00168 65299 ... 36583 05491 03136	MFSK-16/29Bd	(AB)
XPA2	14794	27-1	0910	Thu	00659 00038 81271 ... 96951 34902 76222	MFSK-16/20Bd	(AB)
XPA2	13994	27-1	0930	Thu	00659 00038 81271 ... 96951 34902 76222	MFSK-16/20Bd	(AB)
XPA2	12194	27-1	0950	Thu	00659 00038 81271 ... 96951 34902 76222	MFSK-16/20Bd	(AB)
XPA2	13384	27-1	1100	Thu	02466 00098 43625 ... 59939 44602 50234	MFSK-16/29Bd	(AB)
XPA2	12184	27-1	1120	Thu	02466 00098 43625 ... 59939 44602 50234	MFSK-16/29Bd	(AB)
XPA2	10984	27-1	1140	Thu	02466 00098 43625 ... 59939 44602 50234	MFSK-16/29Bd	(AB)
XPA2	10465	27-1	1600	Thu	03262 00001 00000 33160	MFSK-16/20Bd	(AB/MPJ)
XPA2	9165	27-1	1620	Thu	03262 00001 00000 33160	MFSK-16/20Bd	(AB/MPJ)
XPA2	8065	27-1	1640	Thu	03262 00001 00000 33160	MFSK-16/20Bd	(AB/MPJ)
XPA2	10231	28-1	1100	Fri	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB)
XPA2	9331	28-1	1120	Fri	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB)
XPA2	8131	28-1	1140	Fri	05121 00120 43199 ... 40594 97526 56775	MFSK-16/20Bd	(AB)
XPA2	10726	28-1	1200	Fri	00563 00168 65299 ... 36583 05491 03136	MFSK-16/29Bd	(AB)
XPA2	11426	28-1	1220	Fri	00563 00168 65299 ... 36583 05491 03136	MFSK-16/29Bd	(AB)
XPA2	12226	28-1	1240	Fri	00563 00168 65299 ... 36583 05491 03136	MFSK-16/29Bd	(AB)
XPA2	14794	29-1	0910	Sat	00659 00038 81271 ... 96951 34902 76222	MFSK-16/20Bd	(AB)
XPA2	13994	29-1	0930	Sat	00659 00038 81271 ... 96951 34902 76222	MFSK-16/20Bd	(AB)
XPA2	12194	29-1	0950	Sat	00659 00038 81271 ... 96951 34902 76222	MFSK-16/20Bd	(AB)
XPA2	9317	29-1	1600	Sat	04185 00001 00000 34264	MFSK-16/20Bd	(AB/MPJ)
XPA2	8117	29-1	1620	Sat	04185 00001 00000 34264	MFSK-16/20Bd	(AB/MPJ)
XPA2	7517	29-1	1640	Sat	04185 00001 00000 34264	MFSK-16/20Bd	(AB/MPJ)
XPA2	10921	30-1	1200	Mon	07281 00130 07840 ... 04400 08210 73711	MFSK-16/20Bd	(AB/MPJ)
XPA2	12221	30-1	1220	Mon	07281 00130 07840 ... 04400 08210 73711	MFSK-16/20Bd	(AB/MPJ)
XPA2	13521	30-1	1240	Mon	07281 00130 07840 ... 04400 08210 73711	MFSK-16/20Bd	(AB/MPJ)
XPA2	11493	31-1	0800	Tue	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	13393	31-1	0820	Tue	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	13993	31-1	0840	Tue	00734 00162 88183 ... 14380 43940 23141	MFSK-16/20Bd	(AB)
XPA2	14977	31-1	0910	Tue	05857 00199 50535 ... 74062 05455 32367	MFSK-16/20Bd	(AB)

XPA2	13971	31-1	0930	Tue	05857 00199 50535 ... 74062 05455 32367	MFSK-16/20Bd	(AB)
XPA2	13371	31-1	0950	Tue	05857 00199 50535 ... 74062 05455 32367	MFSK-16/20Bd	(AB)
XPA2	9317	31-1	1600	Tue	00737 00216 14401 ... 48635 08448 26132	MFSK-16/20Bd	(AB/MPJ)
XPA2	8117	31-1	1620	Tue	00737 00216 14401 ... 48635 08448 26132	MFSK-16/20Bd	(AB/MPJ)
XPA2	7517	31-1	1640	Tue	00737 00216 14401 ... 48635 08448 26132	MFSK-16/20Bd	(AB/MPJ)
XPB1	14769	1-1	1100	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14369	1-1	1110	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13969	1-1	1120	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13369	1-1	1130	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12169	1-1	1140	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11169	1-1	1150	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	15925	1-1	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14825	1-1	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13425	1-1	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12125	1-1	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10425	1-1	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9325	1-1	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7771	2-1	2000	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7471	2-1	2010	Mon	Russian intel.	MFSK-16	(AB)
XPB1	6771	2-1	2020	Mon	Russian intel.	MFSK-16	(AB)
XPB1	5771	2-1	2030	Mon	Russian intel.	MFSK-16	(AB)
XPB1	5171	2-1	2040	Mon	Russian intel.	MFSK-16	(AB)
XPB1	4771	2-1	2050	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12187	3-1	0600	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13387	3-1	0610	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13887	3-1	0620	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14487	3-1	0630	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14987	3-1	0640	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	15886	3-1	0650	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14769	3-1	1100	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14369	3-1	1110	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13969	3-1	1120	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13369	3-1	1130	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12169	3-1	1140	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11169	3-1	1150	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12187	4-1	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13387	4-1	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13887	4-1	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14487	4-1	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14987	4-1	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15886	4-1	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7771	4-1	2000	Tue	Russian intel.	MFSK-16	(AB)

XPB1	7471	4-1	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6771	4-1	2020	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5771	4-1	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5171	4-1	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4771	4-1	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15925	5-1	1200	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14825	5-1	1210	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13425	5-1	1220	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12125	5-1	1230	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10425	5-1	1240	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9325	5-1	1250	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14769	8-1	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14369	8-1	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13969	8-1	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13369	8-1	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12169	8-1	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11169	8-1	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15925	8-1	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14825	8-1	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13425	8-1	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12125	8-1	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10425	8-1	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9325	8-1	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7771	9-1	2000	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	7471	9-1	2010	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6771	9-1	2020	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5771	9-1	2030	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5171	9-1	2040	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4771	9-1	2050	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12187	10-1	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13387	10-1	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13887	10-1	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14487	10-1	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14987	10-1	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15886	10-1	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14769	10-1	1100	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14369	10-1	1110	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13969	10-1	1120	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13369	10-1	1130	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12169	10-1	1140	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11169	10-1	1150	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12187	11-1	0600	Tue	Russian intel.	MFSK-16	(AB)

XPB1	13387	11-1	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13887	11-1	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14487	11-1	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14987	11-1	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15886	11-1	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7771	11-1	2000	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7471	11-1	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6771	11-1	2020	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5771	11-1	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5171	11-1	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4771	11-1	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15925	12-1	1200	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14825	12-1	1210	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13425	12-1	1220	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12125	12-1	1230	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10425	12-1	1240	Wed	Russian intel.	MFSK-16	(AB)
XPB1	9325	12-1	1250	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14769	15-1	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14369	15-1	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13969	15-1	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13369	15-1	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12169	15-1	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11169	15-1	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15925	15-1	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14825	15-1	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13425	15-1	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12125	15-1	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10425	15-1	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9325	15-1	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7771	16-1	2000	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	7471	16-1	2010	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	6771	16-1	2020	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	5771	16-1	2030	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	5171	16-1	2040	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	4771	16-1	2050	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	12187	17-1	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13387	17-1	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13887	17-1	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14487	17-1	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14987	17-1	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15886	17-1	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14769	17-1	1100	Tue	Russian intel.	MFSK-16	(AB)

XPB1	14369	17-1	1110	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13969	17-1	1120	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13369	17-1	1130	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12169	17-1	1140	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11169	17-1	1150	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12187	18-1	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13387	18-1	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13887	18-1	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14487	18-1	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14987	18-1	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15886	18-1	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7771	18-1	2000	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7471	18-1	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6771	18-1	2020	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5771	18-1	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5171	18-1	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4771	18-1	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15925	19-1	1200	Wed	Russian intel.	MFSK-16	(AB/RL)
XPB1	14825	19-1	1210	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13425	19-1	1220	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12125	19-1	1230	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10425	19-1	1240	Wed	Russian intel.	MFSK-16	(AB)
XPB1	9325	19-1	1250	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14769	22-1	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14369	22-1	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13969	22-1	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13369	22-1	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12169	22-1	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11169	22-1	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15925	22-1	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14825	22-1	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13425	22-1	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12125	22-1	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10425	22-1	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9325	22-1	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7771	23-1	2000	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	7471	23-1	2010	Mon	Russian intel.	MFSK-16	(AB-RUS/RL)
XPB1	6771	23-1	2020	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	5771	23-1	2030	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	5171	23-1	2040	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	4771	23-1	2050	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	12187	24-1	0600	Tue	Russian intel.	MFSK-16	(AB)

XPB1	13387	24-1	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13887	24-1	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14487	24-1	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14987	24-1	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15886	24-1	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14769	24-1	1100	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14369	24-1	1110	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13969	24-1	1120	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13369	24-1	1130	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12169	24-1	1140	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11169	24-1	1150	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12187	25-1	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13387	25-1	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13887	25-1	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14487	25-1	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14987	25-1	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15886	25-1	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7771	25-1	2000	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7471	25-1	2010	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6771	25-1	2020	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5771	25-1	2030	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5171	25-1	2040	Tue	Russian intel.	MFSK-16	(AB)
XPB1	4771	25-1	2050	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15925	26-1	1200	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14825	26-1	1210	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13425	26-1	1220	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12125	26-1	1230	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10425	26-1	1240	Wed	Russian intel.	MFSK-16	(AB)
XPB1	9325	26-1	1250	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14769	29-1	1100	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	14369	29-1	1110	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	13969	29-1	1120	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	13369	29-1	1130	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	12169	29-1	1140	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	11169	29-1	1150	Sat	Russian intel.	MFSK-16	(AB/RL)
XPB1	15925	29-1	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14825	29-1	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13425	29-1	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12125	29-1	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10425	29-1	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9325	29-1	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7771	30-1	2000	Mon	Russian intel.	MFSK-16	(AB-RUS)

XPB1	7471	30-1	2010	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	6771	30-1	2020	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	5771	30-1	2030	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	5171	30-1	2040	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	4771	30-1	2050	Mon	Russian intel.	MFSK-16	(AB-RUS)
XPB1	12187	31-1	0600	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13387	31-1	0610	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13887	31-1	0620	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14487	31-1	0630	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14987	31-1	0640	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15886	31-1	0650	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14769	31-1	1100	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14369	31-1	1110	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13969	31-1	1120	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13369	31-1	1130	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12169	31-1	1140	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11169	31-1	1150	Tue	Russian intel.	MFSK-16	(AB)

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AB-BLR	Ary Boender via remote rx Belarus	HFD-USA	Hans-Friedrich Dumrese via remote rx USA
AB-CYP	Ary Boender via remote rx Cyprus	JPL	JPL, NB, Canada (and various remote rx)
AB-D	Ary Boender via remote rx Germany	JPL-HK	JPL via remote rx Hong Kong
AB-FIN	Ary Boender via remote rx Finland	JPL-J	JPL via remote rx Japan
AB-G	Ary Boender via remote rx UK	JPL-RUS	JPL via remote rx Russia
AB-GRC	Ary Boender via remote rx Greece	JPL-TWN	JPL via remote rx Taiwan
AB-HNG	Ary Boender via remote rx Hungary	Kalv	Kalvados
AB-I	Ary Boender via remote rx Italy	KI3C	Terry
AB-ISR	Ary Boender via remote rx in Israel	linkz	Linkz, S.E. France
AB-KOR	Ary Boender via remote rx South Korea	Moon	Moonlight (Dave AU)
AB-KWT	Ary Boender via remote rx Kuwait	Moon-HOL	Moonlight (Dave AU) via remote rx Netherlands
AB-POL	Ary Boender via remote rx Poland	MPJ	Jim, SW England
AB-RUS	Ary Boender via remote rx Russia	MPJ-AUT	Jim via remote rx Austria
AB-USA	Ary Boender via remote rx USA	MPJ-FIN	Jim via remote rx Finland
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Dan	Daniel LU5EMM, Argentina	PY-RUS	Pierre Ynard via remote rx Russia
DW-MD	Dave Wright, MD, USA	RL	Roberto Landolpho, Brazil
ES	Edward Smith, UK	RL-HOL	Roberto Landolpho via remote rx Netherlands
ES-HOL	Edward Smith via remote rx Netherlands	RO-HOL	Rando One via remote rx Netherlands
F5JBR	F5JBR André, France	RO-Moon	Rando One via Dave AU
Haus	Hauspost via Priyom	RR2	Rich Ray, IL, USA
HFD	Hans-Friedrich Dumrese, Germany	T101	RadiotekhnikaT101 via Priyom

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	QPSK (Quadrature Phase Shift Keying) and BPSK (Binary Phase-Shift keying) modes
Q	4+4 QPSK mode
S	Slavic languages
UM(C)	Unid Morse station (Chinese)
V	Voice broadcasts in other languages
VC	Voice Chinese
XP	MFSK (polytone) modes

Code	Language	Origin	Related stations
E06	English	Russia	G06, G06b, S06, S06b, S06c, M14, F01, F06, F06a
E07	English	Russia	E07a, V07, M12, XPA1, XPA2, XPB1
E07a	English	Russia	E07, V07, M12, XPA1, XPA2, XPB1
E11	English	Poland	E11a, S11a, F03, P03
E11a	English	Poland	E11, S11a, F03, P03
E17z	English	Ukraine	S06s
E25	English	Egypt	E25a
E25a	English	Egypt	E25
G06	German	Russia	E06, G06b, S06, S06b, S06c, M14, F01, F06, F06a
G06b	German	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06, F06a
S06	Russian	Russia	E06, G06, G06b, S06b, S06c, M14, F01, F06, F06a
S06b	Russian	Russia	E06, G06, G06b, S06, S06c, M14, F01, F06, F06a
S06c	Russian	Russian	E06, G06, G06b, S06, S06b, M14, F01, F06, F06a
S06s	Russian	Ukraine	E17z
S11a	Russian	Poland	E11, E11a, F03, P03
S25	Russian	Russia	
V07	Spanish	Russia	E07, M12, XPA1, XPA2, XPB1
V13	Mandarin	Taiwan	
V15	Korean	North Korea	
V24	Korean	South Korea	
V26	Chinese	China	M95, Q26
V28	Korean	North Korea	
VC01	Chinese	China	VC03, MC03
VC03	Chinese	China	VC01, MC03

Code	Mode	Origin	Related stations
M01	Morse	Russia	M01a
M01a	Morse	Russia	M01
M12	Morse	Russia	E07, V07, XPA1, XPA2, XPBa
M14	Morse	Russia	E06, G06, G06b, S06, S06b, S06c, 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
M89	Morse	China	
M95	Morse	China	V26, Q26
MC03	Morse	China	VC01, VC03
UM03	Morse	China	
UM04	Morse	Bulgaria	PROMRÖ daily schedule
UM10	Morse	?	

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F06, F06a
F03	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
F06	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06a
F06a	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06
HM01	Voice/RDFT	Cuba	
M42	Various	Russia	
P03	BPSK, QPSK	Poland	E11, E11a, S11a, F03
Q26	4+4 QPSK	China	V26, M95
X06	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06a	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06b	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06c	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06d	CW	Russia	X06a, X06b, X06c, X06d
XPA	MFSK-20	Russia	E07, V07, M12, XPA2, XPB1
XPA2	MFSK-16	Russia	E07, V07, M12, XPA1, XPB1
XPB	MFSK-16	Russia	E07, V07, M12, XPA1, XPA2

Figures and words used by the various numbers stations

Cut numbers

Several stations are using cut numbers. Often only the zero which is represented by the letter “T”.

M89 and M95 cut numbers A U 3 4 5 6 7 D N T
 1 2 3 4 5 6 7 8 9 0

M08a cut numbers A N D U W R I G M T
 1 2 3 4 5 6 7 8 9 0

Figure	English	French	German	Mandarin	Spanish	Russian	Arabic
0	Zero	Zero	Null	Ling	Cero	Null	Sifr
1	One	Un	Eins	Yi	Uno	Odín	Wahid
2	Two	Deux	Zwei	Er	Dos	Dva	Itmien
3	Three	Trois	Drei	San	Tres	Tri	Talata
4	Four	Quatre	Vier	Si	Cuatro	Chety're	Arba`a
5	Five	Cinq	Fünf	Wu	Cinco	Pyat'	Xamsa
6	Six	Six	Sechs	Liu	Seis	Shest'	Sitta
7	Seven	Sept	Sieben	Qi	Siete	Sem'	Sab`a
8	Eight	Huit	Acht	Ba	Ocho	Vósem'	Tamanya
9	Nine	Neuf	Neun	Jiu	Nueve	Dévyat'	Tiss`a

Figure	Morse	Vietnamese	E17z	S11a	G06	E11
0	— — — — —	Số không	Zero	Nul	Null	Zero
1	. — — — —	Một	Van	Adinka	Eins	One
2	.. — — —	Hai	To	Dwojka	Twso	Two
3	... — —	Ba	Fwee	Trojka	Drei	Three
4	.... —	Bô'n	Fo	Cienciorka	Vier	Four
5	Năm	Fav	Pietiorka	Funuf	Fiver
6	—	Sáu	Six	Szest	Sechs	Six
7	— — ...	Ba | y	Seven	Siem	Sieben	Seven
8	— — — ..	Tám	Eight	Wosiem	Acht	Eight
9	— — — — .	Chín	Nine	Diewiet	Neugen	Niner
=	— . . . —					
/	—					

Word	E11a	S11a	M03
Attention	Attention	Vnimanye	
Slash /	Oblique	Cirta	—
Out	Out	Konets	

Note: M03 and M08a are defunct.

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	[BT =]	- . . . -
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>

COLOPHON

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HF UNDERGROUND <http://www.hfunderground.com/board/>
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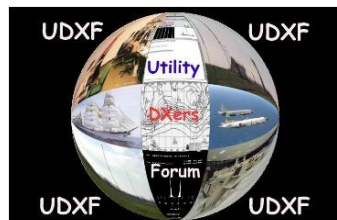
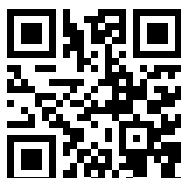
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976 27364 92886 89428 61288 14982 36498 32764 81276 81
986 48932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 70
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 1
7591 87364 87265 96718 27638 12673 84769 28743 98127 5
758 63298 75698 27465 87326 49876 28376 81273 98615 86
667 87432 74328 78674 29867 32867 67867 86786 43276 486
657 68768 68763 34234 34238 68768 62342 48273 48768 230
736 98432 32432 86743 43286 43286 43286 43286 43286 432
743 86743 86743 39867 32867 86743 43286 43286 43243 86
751 86743 86743 86743 86743 86743 86743 86743 86743 86
753 98798 98754 98754 98754 98754 29867 67543 67986 86
756 87698 69876 87698 69876 87612 12341 34867 86798 652
667 43298 65656 56756 56123 32143 14321 32143 14321 321
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