

27364	92836	69428	61268	74982	46498	32764	31276
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 #289, October 2021

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

Hi and welcome to the 289th edition of Numbers & Oddities.

The Spanish transmissions from the Russian 07 operator continued for a short time in October. French transmissions were added too. They also had a E07 transmission in the new V07 voice. During October a huge amount of XPB1 transmissions popped up. Some had short lived schedules, others continue in November. We further found several unscheduled / training transmissions from E06, S06 and E17z. HM01 was boring. It continued repeating the message from 23 September. Besides that we could hunt for the Noble Skywave exercise stations and JLM discovered more military Contestia transmissions.

Thanks to everyone who contributed this month. We have well over 3,000 logs in this newsletter.

Lastly, I'd like to congratulate the [Benelux DX-Club](#) in the Netherlands with its 60th birthday.



Enjoy !!

VOICE STATIONS

E06

Group-cycle network 1

11528/14613 kHz, 04-10/05-10, 0210/0310 UTC

537 182 46
06678 47479 14980 37550 38752 26575 00081 91134 46974 68687
13205 57382 20312 40703 74031 35839 37232 13637 06053 61124
31656 36175 23089 29274 93394 80595 77624 33152 13996 15739
44394 74141 13930 86706 37663 42293 12069 06001 85633 82110
23385 85764 10419 86170 95810 65827
182 46 00000

11528/14613 kHz, 11-10/12-10, 0210/0310 UTC

537 906 47
85783 86081 37704 71506 69101 75602 03777 63248 79901 16135
69467 58702 51472 41868 19473 25091 13550 44626 03604 39949
71268 12355 48002 40999 23266 63426 45373 71037 54898 56415
22655 10039 67471 80063 09563 11645 29462 53101 56462 86239
60644 88620 74980 97796 85054 02687 99817
906 47 00000

11528/14613 kHz, 18-10/19-10, 0210/0310 UTC

537 216 48
07388 01127 95852 65893 54306 93322 27568 91700 87380 18212
46397 41656 35628 48993 33844 75789 36784 37199 36897 50699
57112 05532 00983 28063 52730 48227 40516 71140 70872 31120
07985 33954 14532 08606 47511 72827 18920 99684 43817 34982
13179 90275 02543 03862 65783 53983 22845 05898
216 48 00000

11528/14613 kHz, 25-10/27-10, 0210/0310 UTC

537 280 49
64000 72735 43550 37248 48530 67152 37662 33868 41503 79348
25048 51552 77369 14168 67891 66048 33964 31266 91888 17924
49539 74035 49621 23175 44590 22455 03552 81991 34389 99550
77098 27842 43196 86167 47204 84090 56056 23714 76850 20304
69134 09596 10949 25475 24527 15006 84052 40307 40475
280 49 00000

Group-cycle network 2**16219/13545 kHz, 01-10, 0300/0400 UTC**

361 207 38
81536 05517 70560 75829 99013 07162 74209 91785 70375 37023
64453 26102 49552 31324 30294 38228 80932 22731 63659 05735
17087 72698 39856 20373 67828 60546 81730 02600 41568 33968
30950 51740 64887 50650 74851 73985 91271 65694
207 38 00000

16204/13545 kHz, 07-10, 0300/0400 UTC / 16219/13545 kHz, 08-10, 0300/0400 UTC

361 584 39
78786 48987 43634 67942 34029 58107 26346 29859 99356 33308
94280 74787 78302 39687 85108 26992 46750 04491 49192 83966
95556 73966 52607 25286 43579 22268 40421 22741 57060 92100
58654 43912 36287 71790 58378 66402 55478 38463 30380
584 39 00000

16219/13545 kHz, 14-10/15-10, 0300/0400 UTC

361 297 40
05953 69374 13052 25824 94331 48825 49538 61736 27922 20017
87229 86486 71330 26278 19205 22677 98587 17807 71731 52978
54757 53500 82133 53252 40310 16543 45520 69911 16682 35966
91287 46208 56463 31336 75353 27138 86654 22787 99048 97639
297 40 00000

16219/13545 kHz, 21-10/22-10, 0300/0400 UTC

361 805 41
28959 61638 07876 04283 92405 88496 96459 49428 83083 35682
46589 97152 37470 38295 72314 85456 59310 58773 79445 86531
00266 83927 19504 20261 46148 49821 82829 63509 82143 61652
66784 34913 35482 00861 80002 59834 18986 36615 68597 45185
23937
805 41 00000

16219/13545 kHz, 28-10/29-10, 0300/0400 UTC

361 795 42
30068 78945 71019 91899 34327 38966 61500 80090 73655 24655
21045 62506 55192 09591 81872 96894 25941 95163 57842 62096
02835 54686 33754 48298 42750 77209 53185 39967 75903 28239
90799 21138 51055 69523 20065 57756 65975 05121 12319 36759
81595 45916
795 42 00000

Other fixed schedules**18425/20230 kHz, 07-10, 0600/0700 UTC**

186 392 50
98727 00978 43490 78541 10690 54577 16272 76090 57226 24712
54117 00694 54685 72011 29589 67751 12592 45240 67245 78743
06780 40737 09603 25326 65915 28757 17568 35247 19825 88881
16278 45313 83088 21714 22300 81097 72313 29023 13100 48070
80546 79529 24743 63841 57246 02533 88754 86210 67260 76548
392 50 00000

18425/20230 kHz, 21-10, 0600/0700 UTC

186 407 52
65092 79694 92360 58972 58469 63275 24506 44709 81245 92821
76639 57762 60293 16246 31072 98431 15837 03298 54699 66891
52243 68267 56235 68167 76643 31840 39309 96110 12571 58056
30901 94822 00817 27299 90147 20949 04665 31265 26866 55298
61722 00834 84692 37207 49512 02794 68437 20103 57023 66345
72925 64201
407 52 00000

Unscheduled / irregular transmissions**8063 kHz, 01-10, 0806 UTC**

975 (R4m) 283 60 2 [8 seconds of silence]
975 (callup repeated for 37 minutes) 283 60
21862 93959 40000 99834 81583 00197 52575 85976 10155 40077
75682 12896 66018 47492 62144 36573 63419 40425 10645 69257
32729 91309 61260 75853 96095 74045 74282 86800 25616 23610
72035 25901 76219 69207 48366 76527 10438 26888 75499 34637
57260 62583 62940 22055 72266 61477 48121 58434 91201 64679
23469 15356 94206 59103 29586 00987 22880 31518 69236 48749
283 60 00000

11123/13532/11514 kHz, 16-10, 0900/0930/1000 UTC

980 764 31
32911 85927 51038 48901 85738 62349 06571 53751 46224 47416
52428 22271 68090 68608 95318 09560 09620 06274 56687 96348
17020 79220 44411 66238 04375 13213 39051 55700 97361 28322
74335
764 31 00000

10189 kHz, 26-10, 1400 UTC. Slow version

192 857 39
04567 79534 91786 22778 63643 08652 17888 13974 13582 80797
54061 87986 28972 82326 74341 01297 98732 65421 52607 63124
43054 76531 23517 33834 74192 04042 39625 04303 62027 49881
48136 73424 90364 54727 35725 65953 14884 31528 14858
857 39 00000

E07**E07 with V07 voice****8157/7534/7649 kHz, 02-10, 1500/1510/1520 UTC**

504 504 504 1 7159 2 7159 2
31336 36653 000 000

Recording: <http://numbersoddities.nl/E07-2021-10-02-1500utc-8157khz.mp3>

15962/17462/18542 kHz, 01-10, 0700/0720/0740 UTC

945 954 954 1 1 3680 98 3680 98
75398 96107 95792 16957 59258 45120 03635 47035 03905 27810
71631 60515 84124 91468 27918 91691 12899 39298 70438 85987
30670 67202 03511 79014 51169 49843 87125 56092 59918 75739
07630 55127 17568 83307 10044 13918 57834 33348 37314 45870
46212 69624 09004 90189 54622 77627 31116 00494 08564 67335
87318 64439 72331 39515 34132 03586 84272 23233 78993 05113
95073 77576 46291 85842 52115 20168 36352 65533 18507 47624
16205 39969 20561 43859 95179 06619 11505 38934 27357 77099
86223 39751 04845 82579 52873 33719 22559 04210 09118 05464
62412 81918 43794 66102 94022 73003 91557 84671 000 000

15849/14849/13449 kHz, 02-10, 1410/1430/1450 UTC

746 746 746 1 6584 64 6584 64
69004 74228 97111 16588 22616 60760 65948 63956 78523 25342
37915 93122 77743 10029 10412 25101 72286 02578 61848 02105
62169 14735 40096 84780 51780 08668 98190 53442 40251 88704
94362 05194 46249 42212 77731 04420 94696 44245 73477 05647
62803 64814 86500 00281 61609 08672 92725 24550 32556 77857
49245 21182 45877 24362 17859 99164 37123 59155 21255 92463
73108 60587 51472 92966 000 000

11156/9356/8056 kHz, 03-10, 1700/1720/1740 UTC

130 130 130 1 474 61 474 61
99666 56027 04229 36245 54563 81680 95991 15158 79038 57710
80241 41703 85343 30301 40137 31728 65447 35755 97551 99416
94520 92081 68441 77438 15967 72813 62788 32155 95475 95396
43368 92478 21038 12855 72478 48075 03908 02666 26802 89982
13479 53438 73233 25209 68767 91580 56395 95541 42419 19975
80562 98974 82242 32701 36238 36443 41129 64888 24402 67588
82102 000 000

15962/17462/18542 kHz, 05-10/08-10, 0700/0720/0740 UTC

945 945 945 1 1987 102 1987 102
63867 17863 35490 64304 03807 05903 05493 63590 78984 34676
99455 17809 06170 84773 38891 51026 39183 71529 79655 21608
42454 21043 27578 12364 95057 75698 00732 35070 16917 81595
04219 42215 04041 06294 86336 82550 93045 66215 09528 29955
54248 52565 69632 60375 38522 66379 48793 11198 00905 57242
10904 22720 22331 87864 03592 97505 12605 74607 08050 30903
56679 18150 10840 48882 45225 01868 19227 48443 48414 01941
63639 37256 70941 88450 41987 18209 72071 52054 16548 22186
06162 35743 77699 02946 66678 57337 61676 68463 66719 45839
94306 47250 20899 46791 45644 34514 29074 53381 84194 17224
82161 92026 000 000

15849/14849/13449 kHz, 07-10/09-10/14-10/16-10, 1410/1430/1450 UTC

746 746 746 1 294 64 294 64
98215 30501 52538 07794 50827 70332 92959 56814 42936 00445
99954 25543 25932 35500 04481 03316 81210 13517 19723 20793
66676 40807 33529 15237 28857 13613 34168 27984 72917 39213
20445 28764 69822 92381 96760 77278 63391 39665 32790 73415
70091 13244 65881 05794 00717 73263 74027 81459 34964 10913
98189 37682 06038 64245 23470 29243 43235 62943 84680 10304
81904 86918 54485 49671 000 000

11156/9356/8056 kHz, 13-10/17-10/20-10/24-10, 1700/1720/1740 UTC

130 130 130 1 3999 78 3999 78
20970 82771 83917 70866 27536 66578 17944 02413 68789 00016
63906 49096 00731 72803 75286 14672 82478 07598 66016 44089
58163 97298 60236 80681 02947 61737 10055 90221 33235 88520
77225 51233 64101 44330 97286 61782 85893 80935 35707 60135
31939 66162 09038 94771 34001 18438 86807 01751 43717 78818
74180 47252 29095 17479 81856 21094 90436 39170 25769 42024
02646 50337 56117 61893 28640 91363 96344 75525 31542 60361
77317 30337 03297 62796 69650 79109 84263 31866 000 000

12176/11576/10276 kHz, 23-10/30-10, 1300/1325/1350 UTC

152 152 152 1 895 178 895 178

89071 83052 03749 91544 66435 34360 01825 89802 48189 39955
14548 14644 86580 54670 72523 72797 46846 72043 09863 49259
49871 82887 96017 11426 30086 35659 62812 86350 28832 79329
58796 68170 04438 38053 66404 09181 42249 83236 19196 83921
13734 05700 12084 16107 77791 10756 63070 76807 23791 53982
99435 54549 96853 04619 49305 37360 50233 29826 30457 70083
36873 61487 43944 51363 51794 24912 11020 10826 66223 87171
94366 75204 37790 15290 06741 24577 67920 32055 16702 96081
66576 00287 90798 77465 89998 60440 78203 13295 88430 42999
90975 80396 83406 66502 78525 26111 31186 31481 05264 04893
53631 31729 93200 54355 67286 87731 20884 01557 39573 19357
82466 36697 20886 24527 43318 34223 04290 86595 08515 10000
37289 63504 53989 63173 39973 56244 50521 00950 01147 80092
49842 03385 42204 45579 39044 00458 91410 31920 79931 49979
57177 70119 55176 86816 20921 32799 73783 70081 23851 72575
21827 78511 82310 07958 11339 73564 36152 94722 01001 69173
74780 47259 81201 05809 17263 88806 73753 79897 87647 72931
16206 77222 87333 64785 54070 91287 77896 88843 000 000

10317/11117/12217 kHz, 24-10/31-10, 0600/0625/0651 UTC

312 312 312 1 895 178 895 178

89071 83052 03749 91544 66435 34360 01825 89802 48189 39955
14548 14644 86580 54670 72523 72797 46846 72043 09863 49259
49871 82887 96017 11426 30086 35659 62812 86350 28832 79329
58796 68170 04438 38053 66404 09181 42249 83236 19196 83921
13734 05700 12084 16107 77791 10756 63070 76807 23791 53982
99435 54549 96853 04619 49305 37360 50233 29826 30457 70083
36873 61487 43944 51363 51794 24912 11020 10826 66223 87171
94366 75204 37790 15290 06741 24577 67920 32055 16702 96081
66576 00287 90798 77465 89998 60440 78203 13295 88430 42999
90975 80396 83406 66502 78525 26111 31186 31481 05264 04893
53631 31729 93200 54355 67286 87731 20884 01557 39573 19357
82466 36697 20886 24527 43318 34223 04290 86595 08515 10000
37289 63504 53989 63173 39973 56244 50521 00950 01147 80092
49842 03385 42204 45579 39044 00458 91410 31920 79931 49979
57177 70119 55176 86816 20921 32799 73783 70081 23851 72575
21827 78511 82310 07958 11339 73564 36152 94722 01001 69173
74780 47259 81201 05809 17263 88806 73753 79897 87647 72931
16206 77222 87333 64785 54070 91287 77896 88843 000 000

15962/17462/18542 kHz, 26-10/29-10, 0700/0720/0740 UTC

945 945 945 1 6216 87 6216 87

48780 38874 60282 48624 70871 24669 99451 10717 59898 34803
34421 11714 05545 60882 25528 26114 20149 84755 56698 66472
42335 66818 68063 79544 48578 58053 30659 36104 08907 48841
84460 22198 26349 02853 82169 38725 13080 40897 24622 86288
66858 52647 16465 23442 50000 48338 16899 87985 30399 36132
77009 04318 99476 92017 58885 48882 03760 68432 61049 23605
64543 06538 30264 44091 59822 60326 80707 11685 36603 57344
51057 96879 23237 36894 54592 88101 53755 18639 95614 51015
23508 56905 93650 75023 57608 98393 86114 000 000

E07a

8144/6944/5744 kHz, 06-10/13-10, 2000/2020/2040 UTC

197 197 197 1 60300 7598 72 7598 72
03533 75102 33700 03157 76522 64076 68341 04937 69979 59807
03170 56894 74565 40894 52886 55454 41955 98617 83951 10068
28599 12090 36324 53247 84057 90263 88306 56674 41691 79067
00502 45665 15982 25411 89847 80073 05842 94256 52565 01572
53313 71566 10370 09322 10865 48412 91231 32699 34697 12056
08615 25934 00139 19165 00460 99495 08157 06626 09708 00996
21301 50658 98064 18308 44137 94171 04511 27678 78128 92918
43617 45768 000 000

6788/7488/8188 kHz, 07-10/14-10, 0430/0450/0510 UTC

741 741 741 1 60300 7598 72 7598 72
03533 75102 33700 03157 76522 64076 68341 04937 69979 59807
03170 56894 74565 40894 52886 55454 41955 98617 83951 10068
28599 12090 36324 53247 84057 90263 88306 56674 41691 79067
00502 45665 15982 25411 89847 80073 05842 94256 52565 01572
53313 71566 10370 09322 10865 48412 91231 32699 34697 12056
08615 25934 00139 19165 00460 99495 08157 06626 09708 00996
21301 50658 98064 18308 44137 94171 04511 27678 78128 92918
43617 45768 000 000

11424/10124/8124 kHz, 08-10/15-10, 1510/1530/1550 UTC

411 411 411 1 12825 593 64 593 64
91125 41648 40718 60981 34258 75603 90805 46041 74489 19324
24722 00671 25247 51825 86809 08376 78050 88328 74049 28681
11360 56363 15710 96781 95480 68792 17659 79459 16234 85713
79618 74408 46724 91522 87787 16041 76244 56335 60360 82794
80754 42043 44890 92352 64019 41399 61927 21293 24389 13302
99637 68596 05056 58689 15602 01227 83530 79836 40379 60500
92931 31393 76397 77538 000 000

11484/12184/13384 kHz, 09-10/16-10, 0800/0820/0840 UTC

413 413 413 1 12825 593 64 593 64
91125 41648 40718 60981 34258 75603 90805 46041 74489 19324
24722 00671 25247 51825 86809 08376 78050 88328 74049 28681
11360 56363 15710 96781 95480 68792 17659 79459 16234 85713
79618 74408 46724 91522 87787 16041 76244 56335 60360 82794
80754 42043 44890 92352 64019 41399 61927 21293 24389 13302
99637 68596 05056 58689 15602 01227 83530 79836 40379 60500
92931 31393 76397 77538 000 000

E11a

4505 kHz, 02-10/03-10, 1530 UTC

360/37 Attention
02396 98734 30054 22734 69110 11351 90706 39201 72578 50669
12133 38945 73527 04153 06296 78614 17440 23982 36360 07273
20663 96300 95538 04577 38142 42003 69777 87281 30283 31444
45750 98499 23189 91739 75269 73713 71044
Attention (message repeated) Out

7317 kHz, 04-10/06-10, 1045 UTC

696/24 Attention
20951 58272 90930 62937 63134 29743 37031 38322 10599 86563
69778 94059 66135 15836 29062 07265 76083 09798 41977 14569
67120 46547 52289 86868
Attention (message repeated) Out

8423 kHz, 05-10/07-10, 0645 UTC

510/34 Attention

57470 82968 27525 30405 91404 30220 83774 48896 46311 53290
12046 19746 83318 70576 81002 29999 33323 39518 26926 60537
48022 15788 87912 72482 19809 03638 12225 80225 10342 92724
50133 75074 11307 47414

Attention (message repeated) Out

14865 kHz, 06-10, 0640 UTC

942/23 Attention

81567 56417 43910 42652 32838 97930 09579 43328 39393 65063
09650 99759 78642 42941 56450 07911 52119 28073 93016 39301
14958 48283 59433

Attention (message repeated) Out

12202 kHz, 06-10, 0845 UTC

716/36 Attention

36148 11284 14345 27184 94644 61965 77443 48062 00166 24770
09651 37654 50341 93765 19746 54124 67925 15698 46865 10063
78399 69891 57121 50136 11438 45937 32801 85203 04251 97634
03125 53951 68645 29496 72766 48755

Attention (message repeated) Out

11116 kHz, 08-10/10-10, 1650 UTC

922/40 Attention

07936 05931 42778 60014 78082 94808 61852 21623 65930 48113
50481 33621 48425 19639 04850 61460 79455 40501 09773 28870
53672 55410 25630 08615 92980 58392 72379 61569 83131 62153
65094 84680 29475 28650 67775 20537 28855 39250 32534 09600

Attention (message repeated) Out

9079 kHz, 09-10/10-10, 0730 UTC

497/32 Attention

59670 85940 42623 47893 55569 04876 14236 38307 35764 40423
89267 93357 88058 40888 60523 43839 39778 11595 24410 15267
09495 09334 76966 44064 89312 43535 08989 43003 54445 31669
56839 03233

Attention (message repeated) Out

13470 kHz, 10-10, 1745 UTC

249/37 Attention

63736 93474 33687 17390 81605 14092 05713 05905 01497 21906
03028 29717 54524 54263 92180 14860 09144 82185 03852 55302
18112 14332 32258 51910 01033 23349 92311 58080 69846 71355
58367 49154 99683 70872 21055 27072 18999

Attention (message repeated) Out

5371 kHz, 11-10, 0450 UTC

410/38 Attention

43308 92052 85310 33389 08724 87561 60114 81353 51584 00007
18077 38428 20713 02306 25538 18308 58900 82735 20543 16041
60129 13844 48828 25886 11543 79209 36960 47455 68811 37514
14714 88452 25319 73177 39434 79242 02239 12615

Attention (message repeated) Out

5371 kHz, 11-10/14-10, 1300 UTC

316/39 Attention

44356 86770 69644 63921 08342 41522 02809 22979 97983 54307
40299 54470 82705 13174 67098 39567 30554 00459 03144 86030
93443 86427 84925 16930 60042 49170 30767 76108 33898 19940
83747 16829 16859 29288 85759 01497 16721 73644 47653

Attention (message repeated) Out

19184 kHz, 12-10/13-10, 0820 UTC

133/34 Attention

13332 64501 61288 34352 90218 17806 59731 31760 40488 60833
39026 51185 19704 87163 39058 12009 37096 10373 55745 97223
48587 19572 07880 56215 76466 87779 52542 37247 17705 16053
23342 27207 10465 96448

Attention (message repeated) Out

6923 kHz, 12-10/13-10, 1205 UTC

463/34 Attention

74476 83599 72262 23363 26456 91450 45688 70178 30957 17122
29217 36831 25170 32560 25286 91394 98919 70268 20040 66617
94684 63824 57337 51318 25959 54342 19455 51855 69260 54436
91505 94731 15630 27722

Attention (message repeated) Out

12530 kHz, 12-10/14-10, 1230 UTC

333/35 Attention

73638 18346 54970 56199 60411 49869 80393 13425 98335 82000
93250 12691 35594 01150 51216 04841 57316 31590 56391 08176
96593 09620 44284 99724 51741 94810 16087 62618 37691 86989
42702 83047 56837 40912 66232

Attention (message repeated) Out

17410 kHz, 13-10/15-10, 0745 UTC

346/33 Attention

16376 01336 79324 96540 47818 79603 11735 90890 61497 72409
03795 01382 13524 80578 75879 18516 89759 08696 88150 94747
97575 10511 31051 67013 32887 50545 66060 94238 19994 02917
63557 70611 11535

Attention (message repeated) Out

4181 kHz, 13-10, 1910 UTC

396/37 Attention

57388 48091 05514 86852 51500 92190 23609 25341 27299 84473
70595 55925 24845 10474 09799 80858 11599 70048 08130 42907
71777 66203 17520 56089 19348 45569 59177 49909 41659 28512
15865 18667 39002 40322 75254 63010 51536

Attention (message repeated) Out

7864 kHz, 14-10, 1730 UTC

410/38 Attention

43308 92052 85310 33389 08724 87561 60114 81353 51584 00007
18077 38428 20713 02306 25538 18308 58900 82735 20543 16041
60129 13844 48828 25886 11543 79209 36960 47455 68811 37514
14714 88452 25319 73177 39434 79242 02239 12615

Attention (message repeated) Out

8530 kHz, 15-10/17-10, 1910 UTC

616/32 Attention

61101 48970 73036 06160 21101 16036 14422 99604 95491 95420
33725 79494 07036 86402 77774 88819 49394 97536 76328 84541
86077 01965 29300 60689 95237 97839 11903 00437 72959 26754
72766 56734

Attention (message repeated) Out

4181 kHz, 16-10, 1910 UTC

396/37 Attention

57388 48091 05514 86852 51500 92190 23609 25341 27299 84473
70595 55925 24845 10474 09799 80858 11599 70048 08130
42907 71777 66203 17520 56089 19348 45569 59177 49909 41659
28512 15865 18667 39002 40322 75254 63010 51536

Attention (message repeated) Out

15632 kHz, 18-10, 0715 UTC

753/34 Attention

18848 05713 58786 08689 84204 48679 36598 37882 74286 49752
90716 04203 03475 99599 94746 80998 72197 26469 50232 97347
98368 61117 33221 83426 27240 32151 40759 21237 22483 20891
76748 75535 02972 42014

Attention (message repeated) Out

9968 kHz, 18-10/20-10, 0900 UTC

534/35 Attention

38357 65805 45024 77941 50451 21603 80141 02747 50717 17756
27949 16708 12331 99191 58472 59956 87831 44050 85557 60191
17254 17480 04349 45817 33296 23381 08260 89591 64011 68955
55073 87898 03659 84523 26030

Attention message repeated) Out

7317 kHz, 18-10/21-10, 1900 UTC

647/33 Attention

45084 31270 36406 27238 63978 43870 05306 37991 54057 81416
25373 73822 35230 43807 41197 55691 86693 24712 55838 93414
08398 30365 29004 15668 36586 73703 44627 70477 74246 67925
96108 59022 85831

Attention (message repeated) Out

14865 kHz, 19-10/21-10, 0745 UTC

228/35 Attention

17529 92591 79161 54036 74719 91520 00238 14760 32384 99830
19625 85914 97080 45308 85653 25656 02153 88543 40490 88966
39982 66488 86783 28234 35779 29318 17402 84062 41305 00463
53646 04775 40402 95574 06205

Attention (message repeated) Out

5082 kHz, 19-10, 1605 UTC

238/38 Attention

41679 50755 99605 50074 70828 85976 20205 94218 15216 42370
32270 99563 46156 00869 72673 38915 24109 18309 41723 95544
51312 58077 14207 24710 92446 97976 14853 84578 05837 43603
69913 23731 29236 05965 32107 65659 61738 26389

Attention (message repeated) Out

15632 kHz, 20-10, 0715 UTC

753/34 Attention

18848 05713 58786 08689 84204 48679 36598 37882 74286 49752
90716 04203 03475 99599 94746 80998 72197 26469 50232 97347
98368 61117 33221 83426 27240 32151 40759 21237 22483 20891
76748 75535 02972 42014

Attention (message repeated) Out

6940 kHz, 20-10/21-10, 0930 UTC

279/32 Attention

46636 12638 28338 77370 81733 90417 54548 36739 08703 01675
66254 75922 58040 04634 52574 70530 00159 55450 09685 95802
85624 30482 77564 58945 45642 47119 03536 96429 00491 29033
78835 79432

Attention (message repeated) Out

6923 kHz, 20-10/22-10, 1715 UTC

970/40 Attention

66623 36439 31479 86407 20363 42418 53432 74112 27070 44648
98381 82545 86669 47987 04476 67264 60615 07905 31223 00055
98214 45787 90232 12509 42780 50477 76137 89811 78002 23612
15032 26248 43183 19424 98684 59149 97060 25853 17331 49602

Attention (message repeated) Out

5941 kHz, 21-10/22-10, 0820 UTC

431/32 Attention

66759 86400 78946 66056 42794 89840 59645 36673 32091 03883
96557 97182 49564 10427 53693 82822 18508 18312 54010 01047
16408 35924 52658 39650 77313 97360 48271 21006 03265 61935
78207 01954

Attention (message repeated) Out

8680 kHz, 22-10/23-10, 0600 UTC

351/31 Attention

88840 41506 88695 96402 22771 22448 61125 66698 15733 96520
38653 31486 74128 98871 00156 13474 31075 75390 95320 91830
37483 66182 99529 62862 76324 90468 27219 83278 83386 05142
40098

Attention (message repeated) Out

5082 kHz, 24-10, 1605 UTC

238/38 Attention

41679 50755 99605 50074 70828 85976 20205 94218 15215 42370
32270 99563 46156 00869 72673 38915 24109 18309 41723 95544
51312 58077 14207 24710 92446 97976 14853 84578 05837 43603
69913 23731 29236 05965 32107 65659 61738 26389

Attention (message repeated) Out

10213 kHz, 25-10/29-10, 0745 UTC

264/32 Attention

12641 83441 62916 95266 81474 96485 79238 05190 41087 85495
15868 77323 13919 76422 50604 54777 31640 61195 12241 68432
22885 00017 73779 98723 22776 05515 63223 75480 56165 05221
78127 61892

Attention (message repeated) Out

8180 kHz, 26-10/29-10, 0700 UTC

576/38 Attention

76419 60759 83260 47625 74558 06775 42224 64059 81457 74734
43536 73599 81687 11735 51664 01660 26210 39425 77705 42302
14576 74523 29869 73615 85484 62496 99087 04818 92899 93514
57592 04611 41384 36931 06484 03540 75751 36237

Attention (message repeated) Out

9963 kHz, 26-10/29-10, 0715 UTC

639/38 Attention

40666 45893 33194 77414 34133 15949 80201 13738 47724 94480
34849 63147 65054 76362 56297 54562 87159 67952 29055 64800
29032 68049 11189 20702 94139 37593 97443 78956 26290 52446
98945 41779 31115 04203 93060 20113 34983 33250

Attention (message repeated) Out

12202 kHz, 26-10/28-10, 0845 UTC

155/35 Attention

70036 85077 52228 67656 71104 55726 70649 01809 44897 41572
37182 34056 17068 61668 59184 19566 48039 58193 13772 85663
30532 09639 76556 36417 79377 45062 30734 15288 29416 81373
12292 73076 71388 73727 09935

Attention (message repeated) Out

9951 kHz, 26-10/28-10, 1000 UTC

307/35 Attention

03489 22207 65208 11081 06111 70651 02126 51427 82549 82082
47284 45006 76141 64741 30040 41570 06891 28170 01751 87063
37899 90459 86154 62998 59412 34947 38504 86551 23620 31075
27824 81948 70882 34786 19161

Attention (message repeated) Out

5737 kHz, 28-10/31-10, 1330 UTC

521/39 Attention

90590 91525 77657 47607 55219 69063 74631 26902 59143 02317

71412 62962 07058 69139 79539 90024 44435 64374 95507 94744

38372 47335 58998 94308 86495 86085 66074 30417 38482 05242

05375 02114 61613 99920 57491 57841 85403 21691 41606

Attention (message repeated) Out

E17z**Fixed schedules****14260/12930 kHz, 07-10/14-10, 0800/0810 UTC**

217 468 5 88620 58069 77632 67543 57440 468 5 00000

14260/12930 kHz, 21-10/28-10, 0800/0810 UTC

217 840 5 05573 41987 95692 83209 69817 840 5 00000

Tests / training / unscheduled transmissions**10240/8080 kHz, 02-10, 1250/1305 UTC. Unscheduled transmissions**

274 963 15

88620 58069 61732 74537 57440 10597 23521 47660 92883 69901

39534 11160 43494 37638 16070

96 15 00000

10240/8080 kHz, 24-10, 1515/1528 UTC. Unscheduled transmissions

274 903 18

33796 13577 74526 45547 79302 53516 25616 56069 96812 14199

65906 66610 20336 17301 88554 82045 42994 84116

903 18 00000

10240 kHz, 27-10, 1340 UTC.. Wellknown synthesized lady. Unscheduled transmissions

274 861 23

96419 81652 91791 11309 87389 84672 27426 02027 28156 49834

33684 off

10240/8080 kHz, 27-10, 1358/1405 UTC. Live male operator. Including microphone feedback

274 861 23

96419 81652 91791 11309 87389 84672 27426 02027 28156 49834

33684 93413 13805 93922 06191 80833 58135 11133 80873 15119

17201 32388 20981

861 23 00000

8080 kHz, 27-10, 1418 UTC.

Synthesized lady. 11 mins transmitter test. On/off voice: 274

10240 kHz, 29-10, 1345 UTC. Wellknown synthesized lady.

274 893 15

86577 14862 87815 85433 36769 37212 80945 64586 00081 85312

35178 94638 88452 65990 25484

893 15 00000

8080 kHz, 29-10, 1413 UTC. Live male operator. Preamble missing. Error in group seven (different repeat; the repeat is correct).**Group five is different from the first transmission. 000 outro**

274

86577 14862 87815 85433 36636 37212 80845 (80945) 64586 00081 85312

35178 94638 88452 65990 25484

893 15 00000

10240/8080 kHz, 31-10, 1440/1507 UTC

Lots of problems. Many stops and restarts. Several times carrier off and back on again. It took them 22 minutes to deliver the first message and they needed 33 minutes for the second message.

247 518 30

39534 17228 15636 47891 23247 17099 94961 35826 65906 77288

88146 57856 98835 46186 16945 80744 86200 84706 42227 61736

09394 76911 75155 92918 97067 58604 41438 03092 68362 01653

518 30 00000

10240 kHz, 31-10, 1543 UTC.

Tests 274 (repeated)

S06 / S06b

Group-cycle transmissions

20312/16237 kHz, 01-10, 0830/0930 UTC

842 165 37

34945 44525 86956 72181 90732 05974 21507 55210 25902 25227

51097 51315 54917 51327 79602 48212 33029 18908 47060 55435

29661 58857 01731 58408 67517 37592 15233 87849 38343 79638

14174 71692 31291 53195 26725 61714 34818

165 37 00000

20312/16237 kHz, 07-10/08-10, 0830/0930 UTC

842 970 38

66832 22030 43822 98229 04671 69661 87353 08696 50618 15428

36098 50704 45751 84816 92950 91054 60668 88788 77637 27967

59389 87082 61965 61069 18061 25435 74694 09533 84366 76422

24484 20535 88608 38600 14340 35249 42381 73629

970 38 00000

20312/16237 kHz, 14-10/15-10, 0830/0930 UTC

842 156 39

98425 73566 90597 33784 21817 57291 10151 71642 88820 67096

64274 23514 33273 08865 40857 96208 01010 45730 00368 91060

68704 86033 84388 90377 94837 31927 27382 59994 51238 30804

82606 22633 08620 96759 98142 81748 74565 94244 03941

156 39 00000

20312/16237 kHz, 21-10/22-10, 0830/0930 UTC

842 937 40

94505 97424 56927 99296 62120 89550 10381 43485 31635 99797

74105 20146 83156 88638 25138 62880 01762 41777 68640 55668

73240 92631 69039 82346 00252 46863 91434 27363 74831 88643

51681 19981 68177 73352 98618 39133 23661 36379 76853 21108

937 40 00000

20312/16237 kHz, 28-10/29-10, 0830/0930 UTC

842 560 41

25314 15447 98759 26260 81837 92121 40614 68840 65868 90880

42184 89306 99947 63276 30455 43662 44437 87844 56765 56928

41112 31834 24238 54067 36544 11876 09844 64059 71210 83255

29537 39301 45255 12490 19886 57529 96853 12895 34649 98453

54112

560 41 00000

Other S06 transmissions

S06b: 8043 kHz, 05-10, 1615 UTC

409 735 2 11111 00061 735 2
409 863 51
19002 60242 04492 38568 11013 98118 55926 70756 70754 09478
69261 86426 25626 24175 33003 99279 74978 68129 97617 41017
49158 27328 39317 99023 91707 27565 02463 47125 06891 40820
75262 42850 39743 54258 78466 89626 80825 62744 71729 87367
12870 70842 07343 19860 41518 15221 86009 52422 77314 43410
94369
863 51 00000

8043 kHz, 06-10, 1615 UTC

409 863 51
19002 60242 04492 38568 11013 98118 55926 70756 70754 09478
69261 86426 25626 24175 33003 99279 74978 68129 97617 41017
49158 27328 39317 99023 91707 27565 02463 47125 06891 40820
75262 42850 39743 54258 78466 89626 80825 62744 71729 87367
12870 70842 07343 19860 41518 15221 86009 52422 77314 43410
94369
863 51 00000

9322 kHz, 21-10, 0420 UTC

480 376 52
26104 94196 75047 87982 54874 19489 13692 67034 03797 54976
58285 89741 35863 07089 73368 15799 09492 42609 41275 73936
28659 58007 02527 32658 40330 85582 80317 91401 34079 09865
56261 28041 23271 92709 89602 63677 12793 30514 97068 30648
82860 92003 35551 54697 43624 10027 54811 87248 40260 25785
12394 48708
376 52 000000

13364/11408 kHz, 26-10, 1200/1300 UTC

579 421 60
39282 96224 60892 70829 12713 04137 01420 64131 61763 08102
44778 48519 71180 40129 67408 63097 96026 48256 48140 70254
64429 29059 24513 05998 73013 23543 65984 14769 04690 24854
06229 79651 23500 71239 01695 83948 26195 22705 08631 65025
55244 44793 95747 46386 02955 47937 34713 58909 61390 55810
35671 87180 97781 01125 19966 01855 60109 72301 47256 17524
421 60 00000

16249 kHz, 26-10, 1500 UTC

539 716 43
40105 45424 95453 52128 40032 86719 03488 66391 13361 21141
03053 44396 18643 95625 74716 93354 88790 33981 08780 96086
69518 97862 53922 73024 23123 74415 99160 10725 64780 26508
68783 55317 23553 66511 34970 94334 45283 39543 77770 75359
79582 27120 47131
716 43 00000

15923 kHz, 26-10, 1500 UTC

172 853 49
47240 67486 39877 05806 21176 80870 89683 91046 37294 55466
54864 88796 39470 04477 45550 45293 11798 87898 34354 61755
26167 69153 33289 47745 52825 86670 45404 48068 38624 63833
08304 29141 82617 05758 71756 35775 63721 56312 76568 54304
00104 13838 26918 43000 45008 28992 73333 15705 48680
853 49 00000

S06s

12415 kHz, 07-10, 1200 UTC

Live broadcast. Male operator

175 492 5 22272 64385 82606 05234 33526 492 5 00000

14212 kHz, 07-10, 1210 UTC

No transmission

S11a

8597 kHz, 04-10/07-10, 0700 UTC

477/38 Vnimanije

68952 46812 47304 21713 99458 17512 99486 32507 56599 82137

01964 07914 03206 91821 31236 00557 47396 59808 26908 14691

63909 68532 07663 94122 34544 15224 48517 46619 91991 49451

29726 65923 54671 90847 47743 12805 60237 29705

Vnimanije (message repeated) Konets

10213 kHz, 06-10/09-10, 1850 UTC

280/33 Vnimanije

28158 17749 80200 14783 55589 75360 96721 08085 99129 14225

03508 11551 27966 87214 98766 45601 99555 28161 21424 39366

73878 78171 18325 26649 57501 67206 85539 39533 56866 23079

49413 68864 63316

Vnimanije (message repeated) Konets

6480 kHz, 11-10/15-10, 0915 UTC

486/35 Vnimanije

21500 74502 49136 92321 30298 81000 63773 64426 15930 37520

81946 50760 07924 81300 22516 08042 99748 42003 91174 61743

38712 53877 12886 70926 61228 15653 40007 94009 18503 05223

62859 89102 34108 89478 61333

Vnimanije (message repeated) Konets

14769 kHz, 12-10/14-10, 0500 UTC

38?/33 Vnimanije

81918 70225 74417 36677 42404 77998 17117 23206 55329 44209

09016 08770 89089 22799 46004 43092 31124 29530 94463 92523

21002 96376 92334 12760 13683 10021 02336 59490 93119 93766

26162 62364 46909

Vnimanije (message repeated) Konets

8088 kHz, 12-10/15-10, 1020 UTC

424/39 Vnimanije

19959 85325 87692 85796 59982 30453 10377 84920 56187 94069

22155 18253 44879 11755 84588 32875 36305 72128 79570 84940

15273 36969 16075 82554 41921 91276 38295 81642 70089 60256

57125 45352 61346 95592 35438 86295 10711 08552 98822

Vnimanije (repeat message) Konets

6433 kHz, 16-10/17-10, 0830 UTC

378/31 Vnimanije

43864 49454 64939 63982 27486 22052 46617 30471 62952 23216

10182 85232 16802 35971 34075 93994 95535 97868 60334 53378

23205 27595 76208 60729 53603 84098 47291 20971 97543 78378

89254

Vnimanije (message repeated) Konets

11116 kHz, 18-10/20-10, 0510 UTC

656/31 Vnimanije

27803 56446 11583 17141 59643 30506 33953 52587 75580 34069

51861 80934 04248 57060 15183 60583 40363 12581 59757 07799

89095 52129 40688 97448 03231 96749 54217 71604 44962 27893

30331

Vnimanije (message repeated) Konets

V07

Target: Europe

7649 kHz, 01-10, 1605 UTC

367 367 367 1 7712 1 7712 1 02956 000 000

7534/7649/8157/9283/8148/8094 kHz, 02-10, 0600/0605/0610/0615/0620/0625 UTC

367 367 367 1 4103 1 4103 1 25199 000 000

7649 kHz, 02-10, 1435 UTC

367 367 367 1 5352 1 5352 1 31552 000 000

10643/10427 kHz, 02-10, 1620/1625 UTF

367 367 367 1 7711 2 7711 2 56429 34444 000 000

7649 kHz, 02-10, 1735 UTC

367 367 367 1 4306 1 4306 1 62598 000 000

7534/7649/8157/9283/8148/8094 kHz, 03-10, 0600/0605/0610/0615/0620/0625 UTC

367 367 367 1 3611 2 3611 2 83543 43218 000 000

7534/7649/8157/9283/8148/8094 kHz, 03-10, 0730/0735/0740/0745/0750/0755 UTC

367 367 367 1 6262 1 6262 1 02652 000 000

7534/7649/8157/9283/8148/8094 kHz, 16-10, 1600/1605/1610/1615/1620/1625 UTC

367 367 367 1 5936 1 5936 1 48244 000 000

7534/7649/8157/9283/8148/8094 kHz, 17-10, 1600/1605/1610/1615/1620/1625 UTC

367 367 367 1 5928 1 5928 1 99932 000 000

Recordings: <http://numbersoddities.nl/V07-9283khz-2021-09-27-1015z.mp3>

<http://numbersoddities.nl/V07-2021-09-23-1025utz-10427khz.mp3>

Target: Latin America

15925/14725 kHz, 03-10, 0100/0120 UTC

974 974 974 1 7422 88 7422 88

99497 00426 14368 50502 45845 26480 96895 44643 53832 82487

72477 97057 37643 37923 36841 64973 79679 18246 13438 63436

05568 96570 80635 41329 16757 29800 74856 28621 81690 94067

55384 46516 45240 41286 33679 34214 75219 04166 09366 17406

66838 51414 40603 89239 87807 52093 81752 58904 51762 86295

26759 42932 61795 09590 73115 51298 28170 88041 79966 71615

40775 66000 93675 83198 04294 86185 63532 90404 35087 82729

48710 98997 28290 73072 59928 20223 30442 65371 89535 16929

02449 38205 26519 70498 52127 81484 92449 15735 000 000

15925/13425 kHz, 10-10, 0100/0140 UTC

974 974 974 1 598 86 598 86

70444 02192 81893 43342 68910 89144 72729 49350 11888 34272
83108 61997 73901 54175 34838 30604 97489 67503 96736 05394
41500 38194 38572 69604 69396 59577 05003 81658 22873 00648
14353 87622 38979 18721 19008 28611 81847 74835 37636 80271
40924 63608 99060 62397 21994 98608 88529 06141 97768 65961
31440 95190 03138 87142 94998 28699 91542 54949 67472 32820
86370 81536 12865 55536 29321 64896 65060 51155 00275 89394
44075 16558 01017 51486 48150 62152 99264 71347 16386 10195
18250 29114 99466 92437 23070 10835 000 000

15925/14725/13425 kHz, 17-10-2021 0100/0131/0151 UTC

974 974 974 1 246 178 246 178

37909 09593 40788 41304 53639 41499 35841 38880 37924 92093
01826 45373 79713 49628 91897 78228 54716 20412 83508 56206
84543 73290 19287 00491 02781 69617 36245 07783 44129 74085
98562 38978 45432 40364 03727 91263 17209 87681 13534 46675
28551 89714 47893 95880 92907 44638 44809 69197 84055 36560
29060 65439 65401 55777 41717 71372 65600 25785 76547 97939
08902 27175 20175 04714 65958 47629 05978 40198 27043 96717
27506 09446 35186 79623 08814 16514 98130 88503 03560 77316
22166 30982 41852 38323 86001 73574 14311 07570 01283 53531
21268 03855 72282 26637 05486 74448 17519 95126 51070 35136
58937 27046 86315 75858 73694 69010 27337 86502 27113 26629
75445 08455 94561 76504 12692 11340 54795 00678 45050 38744
40990 65289 25106 61490 27866 12178 84660 59921 55563 61571
65820 46862 55096 22475 67767 64314 96110 24177 28455 75907
02426 97478 82120 00253 24655 44212 30418 90068 26818 88766
22121 93794 11215 76783 19439 90263 17908 95620 86723 09422
60605 19729 02985 55716 11456 31149 54315 83485 46387 55711
02595 30651 53494 28291 07815 20506 27977 30554 000 000

15925 kHz, 24-10, 0100 UTC

974 974 974 1 784 182 784 182

21170 74134 60459 81725 40969 57935 29151 64613 85020 37827
22710 06052 55692 70011 08629 83481 72558 76162 57849 56539
06635 46251 86194 07227 75204 32313 56811 45935 47539 64682
49857 09071 68538 20727 08599 53503 26768 77642 15803 48713
97856 55801 58722 21353 67218 17417 38218 33003 87498 45204
58172 79102 91380 89890 64937 46412 91872 87174 51269 33349
14652 53080 95753 85015 61278 24396 04719 41707 33865 43157
49972 60912 34128 63309 76315 74221 59853 46155 07789 25641
07636 04948 71110 82680 25824 04984 00084 36617 79740 13211
67496 09596 44557 77786 70622 62637 62853 99053 75557 45270
78594 79936 75179 55851 72894 49034 03937 80761 95734 50277
58429 96758 15239 20281 86534 00895 34355 05913 42189 58143
45085 87124 55648 44440 36237 57934 25407 46226 55567 69824
92440 31439 74259 11198 59363 16769 19096 28865 74763 02969
23671 67029 10800 62986 76709 02027 28543 01602 14423 10329
45114 94644 93254 07819 31879 98715 61061 34704 94213 01692
14443 50696 26980 91203 99494 02961 59400 47610 38906 26655
27550 63637 07417 83367 19974 13437 38004 73635 58357 87759
08081 73548 000 000

15925/14725/13425 kHz, 31-10-2021 0100/0131/0151 UTC

974 974 974 1 7413 124 7413 124

61526 71148 00202 66214 32643 95156 99250 20672 61955 66870
90955 17993 16132 42765 90952 43269 14299 51131 77222 54429
16441 86287 83771 86421 41514 28278 97626 52505 66090 02396
69189 25612 83834 86158 66151 33726 74831 74067 04728 48035
46389 20731 98791 61110 53387 19642 16354 85907 20764 97508
60907 01900 33762 92251 38349 33883 03405 94873 06541 90368
56172 04703 37255 62084 60955 81384 89352 56574 96072 44660
99603 71066 20935 31767 88244 20020 28586 93332 00871 94176
34160 14392 98945 10964 57023 15257 37789 02577 90850 93405
23156 00257 04821 97830 01736 15342 55380 83938 20055 31733
35806 14667 82874 15275 46215 41693 98514 26398 74382 69030
02542 31359 75086 34000 75817 61778 62361 12635 03878 91365
25048 37988 54842 91160 000 000

V07F

New French 07 transmissions using the V07 voice

12158/12153/11588/11434/10643/10427 kHz, 02-10, 1600/1605/1610/1615/1620/1625 UTC

367 367 367 1 7711 2 7711 2

56429 34444 000 000

Recording: <http://numbersoddities.nl/V07F-2021-10-02-1625utc-10427khz.mp3>

V13 - New Star Broadcasting Station (星廣播電台 Xīngxīng guǎngbò diàntái)

Thanks to Mr Anonymous for these logs and transcripts!!!

15890 kHz, 24-10, 0030/0130 UTC

Flute tune followed by messages

6696: 55 Digits

6150 3240 4983 4578 6307 3182 8381 9397 6576 0481
0162 2431 0843 9451 3913 9125 1336 3684 7266 3608
6056 7538 1297 5075 7621 4738 5326 1192 7113 2000
6972 7705 9035 8188 9787 5999 5966 1957 3323 2813
4002 3333 2972 8826 2587 7245 9434 5347 4816 9429
0142 0816 6819 7697 7485

9085: 57 Digits

1886 1560 3052 0973 9653 4857 4362 4302 3443 5679
8661 0778 0972 0397 4192 1123 0954 5545 6024 0094
1670 2590 9210 9105 8507 7450 5810 8255 8409 4655
5017 3813 1724 8447 8097 9787 4410 5713 2359 4661
6084 8043 0877 6879 1849 2802 7184 5201 8404 5527
6664 2491 7388 8512 8830 4049 1421

9336: 52 Digits

7254 4086 0829 4247 6327 6419 1504 3538 6588 7988
6884 9110 2837 6298 9502 6214 1748 4357 0091 4421
8205 9234 4703 5102 2079 2798 2823 3845 9653 5758
1924 5133 6439 8588 6457 9159 0580 5424 1730 3089
8566 9537 5644 1640 7497 1478 3769 4303 0576 3466
5709 9070

M01

6220 kHz, 02-10, 1500 UTC

463 115 115 = 30 30 = =
21345 89076 43567 32146 89076 87909 65432 65789 32456 09809
21346 78965 54356 23679 43256 43789 09678 76897 90768 32147
32456 32580 45326 87909 54678 43567 54678 34527 09809 76896
= = 115 115 = 30 30 000

6510 kHz, 02-10, 0700 UTC

463 545 545 30 30 = =
10938 39204 29483 09483 84938 38291 48392 84739 10392 39284
84730 21384 38291 39284 39104 38290 48376 19384 39281 83712
39284 21321 34732 46354 85749 98320 12948 48371 90874 84732
= = 545 545 30 30 000

5475 kHz, 05-10, 1758 UTC

463 323 323 30 30 = =
32094 48657 12345 12534 67890 67980 34567 45687 56875 45678
35246 86754 67890 86790 67809 31223 87877 45656 67678 80909
90098 67897 78989 54632 45656 76887 97135 04682 50879 87923
323 323 30 30 000

5020 kHz, 05-10, 2000 UTC

Error in group 26, then off and restarts with group 25

463 408 408 30 30 = =
68097 53467 13452 12540 67890 56789 45687 90670 10920 67989
89778 67878 56734 56788 67896 87678 78987 98988 56767 87987
65749 12321 53435 67854 67543 6798 680 56745 78787 777 67543 67980 56745 78787
= = 408 408 30 30 000

5475 kHz, 07-10, 1800 UTC

463 878 878 = 30 30 = =
93054 38432 29473 48372 01630 90897 34213 47553 74532 27453
47352 26342 26453 27453 27453 27453 26443 37453 37453 26512
27352 37453 46352 16251 21544 35241 26342 47352 37251 18256
= = 878 878 = 30 30 000

5020 kHz, 07-10, 2000 UTC

463 682 682 30 30 = =
36451 75835 72314 95093 72635 73857 81429 75835 61957 83615
58602 71438 65830 92746 81426 73861 91408 39143 75835 83759
38572 14374 23586 46921 71429 53142 51793 38145 48572 95824
682 682 30 30 000

6220 kHz, 09-10, 1500 UTC

463 828 828 30 30 = =
36524 76389 57684 09788 36522 75874 35421 46538 57648 07986
43211 35426 54633 85098 47632 85964 54637 13241 53622 90786
35422 65876 37644 59980 57423 43425 75877 20121 34362 36547
= = 828 828 30 30 000

6510 kHz, 10-10, 0700 UTC

463 435 435 30 30 = =
54673 09879 75867 25341 09088 46453 27611 90700 36547 86980
56478 98700 65743 23211 65748 57689 00977 65744 86987 46537
86759 64576 35422 14324 35426 48790 00698 47655 57684 87960
= = 435 435 30 30 000

5475 kHz, 12-10, 1758 UTC

463 221 221 = 30 30 = =

46537 88669 07912 34251 66475 24315 75879 09078 54655 24234
 54635 76877 02016 98509 46543 13123 43567 07980 57687 47648
 57648 96890 34234 24311 54365 57654 07987 46576 47568 38676
 = = 221 221 30 30 000

5020 kHz, 12-10, 2000 UTC

463 465 465 30 30 = =

35465 76879 07980 33442 64756 86790 31324 53709 47639 04758
 35426 75684 09097 45365 75689 43545 65764 56476 09709 24311
 35445 65768 07909 35465 76587 86790 43421 21234 59800 46578
 = = 465 465 30 30 000

5475 kHz, 14-10, 1800 UTC

463 414 414 30 30 = =

67854 90128 89023 65034 12378 98567 34125 23451 74563 07564
 05644 54604 30564 87056 67067 89535 56734 12789 25637 98576
 65784 20202 65748 50607 05433 78603 43678 45162 67823 19283
 = = 414 414 30 30 000

5020 kHz, 14-10, 2000 UTC

463 365 365 30 30 = =

09345 87453 21345 95043 90345 24356 10201 21912 79879 67896
 64578 43502 36505 50365 05435 12568 56723 67900 89090 78787
 56656 43321 78897 45687 97135 46028 97351 04682 59371 24680
 = = 365 365 30 30 000

6510 kHz, 17-10, 0700 UTC

463 134 134 30 30 = =

73463 15390 59703 72817 89251 74814 24896 84714 75901 83158
 37591 73416 83659 45724 85930 93157 82641 84960 94851 31478
 38531 85714 63859 30106 83958 73615 83651 24169 48429 38414
 = = 134 134 30 30 000

5475 kHz, 19-10, 1800 UTC**Sent only 29 groups. No separators in the postamble**

463 363 363 30 30 = =

90435 12673 58347 78965 56475 23451 09890 87865 45279 54657
 09008 67076 95959 53487 78989 54387 70807 50803 67897 70085
 56567 67845 09213 95731 80462 85746 12378 56756 12090
 363 363 30 30 000

5020 kHz, 19-10, 2000 UTC**Two groups are missing due to deep fading**

463 860 860 30 30 = =

98456 09453 56097 12905 23112 90808 87687 34455 30089 98098
 34543 56123 54389 79135 80462 83247 81237 56789 97809 13202
 _____ 23497 96768 74568 59371 86402 12089 56789 60708
 = = 860 860 30 30 000

5475 kHz, 21-10, 1800 UTC

463 150 150 30 30 = =

12321 23425 89098 90878 90987 12123 87678 98909 32145 32145
 98898 67656 76789 65456 78987 90982 87678 90976 98789 21324
 32134 32133 32145 12321 23216 56475 32134 45434 43234 54345
 = = 150 150 = 30 30 000

6220 kHz, 23-10, 1500 UTC

463 163 163 30 30 = =
 64523 27351 18352 26741 10735 07630 60943 36578 19822 59632
 97687 14231 26354 38765 38463 29008 53721 18253 38473 49352
 28453 73621 16398 63543 27635 09678 26721 18712 28462 27451
 = = 163 163 30 30 000

6510 kHz, 24-10, 0700 UTC

463 461 461 30 30 = =
 38461 37483 38745 48632 01630 99674 47564 18432 28463 37452
 12742 28746 46776 00984 47583 38463 38217 38215 47321 28462
 27512 18253 37452 27452 28461 17251 28452 26482 28456 27452
 = = 461 461 30 30 0. 0. 0. 0.

5475 kHz, 26-10, 1800 UTC

463 547 547 30 30 = =
 64756 09789 71324 33421 54655 90878 65774 24315 09088 23143
 65748 01928 65780 92312 43546 09709 35467 13233 43541 98907
 65768 54663 24315 24311 32454 07986 59807 47658 54409 36098
 = = 547 547 30 30 000

5020 kHz, 26-10, 2000 UTC

707 707 30 30 = =
 09089 43520 93872 10987 36524 40987 47658 39800 25143 22435
 33546 87609 25436 57789 11098 39800 26534 57690 00984 10978
 27644 86987 10098 21134 29809 34522 76877 28900 23456 76889
 = = 707 707 30 30 000

5475 kHz, 28-10, 1800 UTC

463 389 389 30 30 = =
 37461 29507 85721 98463 13426 95994 47361 37598 74623 64981
 47634 13576 37492 47149 78315 38635 95821 96356 73513 81352
 80361 47196 84725 63986 51390 83526 47859 82741 58241 38690
 = = 389 389 30 30 000

5020 kHz, 28-10, 2000 UTC. Groups 14 and 15 were not repeated.

463 931 931 = 30 30 = =
 49372 24312 01630 46578 48352 14325 54654 43123 48321 28432
 68790 85746 45632 26432 45432 26543 35412 12343 33651 16453
 36451 13241 16532 87906 96754 47563 36452 46574 46554 45362
 = = 931 931 = 30 30 0. 0. 0.

6220 kHz, 30-10, 1500 UTC. Error in the postamble

463 740 740 30 30 = =
 45643 56467 46506 90675 70707 34673 56712 98764 56789 67874
 45620 56708 65067 42398 13255 86765 34980 56874 56348 65879
 23054 56874 62560 83516 46642 97531 86420 13579 64598 45696
 = = 740 4 740 30 30 000

6510 kHz, 31-10, 0700 UTC. Different repeat in red

463 606 606 = 30 30 = =
 65784 39767 34565 32456 56767 45612 54635 78459 43786 57846
 12389 45678 43214 54545 65636 37889 57663 38459 63651 38567
 68594 69594 47754 47386 57456 37485 36867 86367 56567 45426 79630
 = = 606 606 = 30 30 000

M01a

5221 kHz, 08-10, 0721 UTC

123 123 123 73872 73979
123 123 123 73979 73979
123 123 73979 73979
123 123 123 73397 73397
123 123 123 71497 73497
123 123 123 73497 73497
123 123 73497
123 123 123 73497 73497
123 123 123 000

M12

7533 kHz, 01-10, 1218 UTC

793 793 793 1 8898 4 8898 4
81382 09128 56153 13521 000 000

14711 kHz, 02-10, 0955 UTC

793 793 793 1 8587 2 8587 2
09358 43836 000 000

5794/6794/8094 kHz, 01-10/02-10, 2100/2120/2140 UTC

770 770 770 1 3039 140 3039 140
92862 25962 26789 03826 87371 64981 16180 61153 48075 32538
39703 45379 46110 26313 37333 57968 55378 59950 60501 18195
97878 98301 12658 45443 65424 95730 10446 68481 63773 64621
68286 58458 13406 16117 24507 39776 83493 65473 58580 39798
61324 13419 64332 45968 77122 08146 07801 76219 25297 36112
68018 98239 35651 42368 02515 47767 77337 37824 58251 74594
83136 36550 95974 73463 78770 84213 32113 10413 94575 40142
72545 85678 95896 18111 70813 57641 33053 16338 16135 14975
43950 58048 89275 31905 76293 61868 07763 99739 47437 58859
72133 87404 81197 26969 96767 81005 22187 85606 59674 42338
45089 28449 30304 50143 03933 08151 80589 24184 05323 65109
67163 64305 59556 74244 31438 43135 39693 95701 71288 21787
71634 12711 17846 62061 56359 02436 39828 49834 86632 88930
41415 05031 56945 49201 74985 24485 44417 66420 26742 87099
000 000

17441/18641/19241 kHz, 03-10, 0800/0820/0840 UTC

462 462 462 1 566 90 566 90
83829 45442 61714 31275 83955 84313 00711 48513 17343 02593
66442 91091 83479 18376 31338 11315 69433 47800 81846 90205
30856 56473 39343 46021 62850 77313 41344 51833 55946 90470
77120 99837 10692 02027 18552 50566 11199 88576 99506 56868
86995 05609 76133 84394 00439 81854 53575 23319 24923 55096
18291 63951 20234 86446 60013 25025 27652 42904 48719 06457
41014 87772 11348 88524 70351 72645 39061 14392 01243 48206
85327 43595 36783 21238 29640 53476 21025 89582 19450 02003
04161 04170 01546 88341 61662 09503 79940 41878 01015 48453
000 000

14377/13461/12114 kHz, 04-10, 1130/1150/1210 UTC

317 317 317 1 1349 98 1349 98
97020 65096 19625 28810 93011 57457 27186 30574 70607 44223
56458 56905 91513 37751 12163 96947 15122 52691 71515 54563
66611 35729 87533 49398 01734 07917 41200 48909 04302 95281
61682 58371 55655 74429 60297 58714 44191 25475 65183 58855
51985 69616 70137 04742 10673 18362 79259 35245 38218 53812
01423 54254 75998 78644 51298 37588 79241 65923 92797 89321
67476 98430 78376 83572 18305 24310 33371 05472 80515 08028
53600 73324 54336 45655 38853 02244 33035 06374 71237 37251
52575 75169 41970 14976 72918 25479 20739 18388 55679 61436
97483 23382 10376 44688 21190 26111 00119 45896 000 000

10318/9218/8118 kHz, 04-10/07-10, 2000/2020/2040 UTC

178 178 178 1 9347 96 9347 96
34348 15912 71480 03540 62021 05059 52811 15792 67755 81055
82667 98479 51691 05067 47166 41326 16680 73551 94219 87259
71491 38190 57923 51856 34731 13118 15779 59993 14030 01599
98726 09609 28237 44434 98519 73290 32211 19186 70885 50887
24376 27483 20491 08133 86110 69037 65452 43640 10962 19106
89233 96327 37343 79410 13488 11612 48773 65976 56254 12479
82568 02277 29019 49245 10099 91871 19503 66776 72787 89455
09879 32582 84101 91114 43122 54675 63475 89698 15030 83723
64973 73454 17942 29861 23202 31665 19401 35527 41580 76092
05333 76698 62630 85089 68802 44347 000 000

9317/10484/11552 kHz, 05-10, 0530/0550/0610 UTC

135 135 135 1 4049 107 4049 107
60911 18672 23171 97564 69624 18200 14941 91945 70319 64305
72596 54660 25661 83651 88006 65428 65142 98076 44242 24700
37797 91420 00383 73141 02996 46584 28314 97273 73775 40315
82380 08822 36688 26233 01404 65132 42336 94414 19040 17993
78084 77244 46498 02318 71191 10903 86204 62589 22069 54169
84716 67063 68215 73342 87425 41496 69304 39148 91842 30801
10641 00551 42097 65171 81963 68992 43484 53883 33634 60875
88182 01915 20626 08251 36338 45626 59134 62554 43731 37363
88362 15807 44740 28389 82706 99914 72088 76502 14570 05239
44464 50292 25650 24963 53268 47006 47619 37332 63680 67967
66503 12880 70228 58567 40546 26452 68320 000 000

12162/11566/10711 kHz, 06-10, 1710/1730/1750 UTC

546 546 546 1 3148 110 3148 110
63024 90657 24577 98798 92051 17932 06665 89501 84003 57866
35557 32513 21237 68829 93780 41016 48378 40091 54478 62737
78666 08742 12358 38542 57903 58094 24648 62607 63570 31985
87302 99521 18700 75962 11466 11100 49145 41529 66495 86463
82363 72640 77527 26255 69675 47508 56571 26508 24111 90123
13906 85608 97564 02805 60163 18456 35376 27403 69428 49570
72166 01275 90044 43892 37868 66988 23748 13616 04743 59974
11557 94489 41483 63663 07631 80322 76247 07269 78711 90817
23333 34238 80251 78002 80966 29511 82250 42904 65880 66293
09889 14771 49010 68757 59965 22069 57580 94458 95190 75674
87628 10126 93185 63211 24177 08968 65321 50399 92188 64333
000 000

11135/10235/9235 kHz, 06-10/08-10, 1900/1920/1940 UTC

122 122 122 1 1463 81 1463 81
82392 00574 88659 83095 67825 56088 42312 32300 49969 67359
69311 94349 42319 55068 99241 07419 58909 27999 76493 13909
15171 50410 21046 05278 56740 72463 86707 83561 25578 12388
25439 04266 53344 91545 59538 03818 97049 05279 28135 72093
74244 71712 56379 38591 71266 68616 81059 45167 91239 38372
47495 82775 71594 41675 33710 06055 35118 98196 04951 76085
44932 67211 34454 46731 75805 32938 78605 36582 34495 82141
23700 24867 71706 91104 94105 80232 84552 39090 50414 26990
73745 000 000

13386/12189/11491 kHz, 07-10, 1110/1130/1150 UTC

725 725 725 1 6678 92 6678 92
69998 42009 74568 37608 55211 19578 93637 63843 82197 59502
74746 16776 47310 38292 98169 34346 24441 46166 96188 08083
76572 83043 73313 02995 76633 37379 54409 58713 15639 52048
89026 00239 19257 29217 14764 20348 07890 53149 55322 12056
69867 31383 96858 31342 97822 51543 99872 09127 30309 87838
09536 81541 26954 08037 49178 94733 82263 03513 93705 70869
06454 07847 43213 94213 63908 01021 85142 28622 25038 51675
38622 66473 86639 82780 17090 03612 95367 09816 53983 59740
33764 57722 30343 23959 93625 78154 15109 68621 21692 50451
29140 97516 000 000

12162/11566/10711 kHz, 07-10, 1700/1720/1740 UTC

546 546 546 1 3996 110 3996 110
75036 34993 78345 47938 47726 00740 58583 80332 53915 97498
04741 98766 27587 93506 43682 18576 25760 01064 02769 87035
62424 68520 02093 79987 73866 16923 07210 01413 26763 82732
88168 33862 98286 29892 55744 15128 98605 55536 63894 33800
83806 31726 72583 02231 74536 26800 87119 50542 38378 47953
01583 48443 63618 00488 07717 80741 57279 61275 65105 02297
43063 33415 30038 90911 97631 45657 68866 16545 27121 55826
93078 67759 76938 52366 24458 26316 87487 37080 48057 67736
42163 58596 03680 02065 71461 44972 48493 65742 42129 02247
37179 17559 08761 24154 45541 49270 12479 76151 80251 55407
60602 71764 14747 84674 52645 33025 94204 05481 59409 42772
000 000

12162/11566/10711 kHz, 07-10, 1800/1820/1840 UTC

546 546 546 1 9022 112 9022 112
47356 30395 71922 21053 87032 78448 65282 81517 16101 02409
01600 66027 46818 28194 15982 16011 44458 58275 10222 48919
11558 42879 06914 01233 36332 03757 36810 38873 29485 51172
35685 47137 14396 47711 12590 42587 91934 70055 56592 86421
73060 09671 22368 95958 36265 57662 88369 61224 84342 22913
26837 00415 33943 48761 82710 93832 28439 19998 56170 44818
45294 99737 72183 48541 58786 11005 45648 65580 21611 25346
69393 58333 89783 15696 83648 32573 58549 52712 82252 34889
69377 22800 22697 03288 98468 61025 84776 64876 23619 65281
02909 84690 11651 24921 54525 61362 18204 65778 17965 06191
16966 56743 61978 29504 36140 85875 90350 59649 97341 07282
11057 44567 000 000

14377/13461/12114 kHz, 07-10, 2000/2020/2040 UTC

317 317 317 1 6572 103 6572 103
74438 24086 73671 06578 23826 18272 25080 36332 32171 17636
84899 46277 31353 22878 42245 01004 32914 87186 74668 18639
99951 51349 25123 12205 50000 06654 25615 42499 63683 12427
86683 88841 95807 78068 97319 14179 71385 69876 53079 05616
22747 02491 47154 72951 80202 57518 67906 44904 34852 82532
85107 20712 37315 67089 33908 42674 32199 06933 47771 51706
11649 55023 93979 06414 97744 55192 25613 15794 56794 07080
87556 34193 93190 47847 49469 30804 85384 59049 74764 14889
38615 92963 36055 40255 56349 01717 81910 98134 20416 14210
02333 75115 85784 16845 59802 51288 68617 58682 47086 72664
45754 13217 62338 000 000

11435/10598/9327 kHz, 09-10, 1800/1820/1840 UTC

938 938 938 1 9440 71 9440 71
34183 00245 71856 56979 26767 84199 43323 02831 97001 48219
39488 67405 58351 38526 28569 46753 92905 58536 38785 04587
53956 53884 09975 79295 43162 40708 90877 63349 10686 39023
12632 11232 56895 01199 95893 46208 50476 73555 40024 52735
27033 63797 58246 51027 65534 84658 29945 79130 36570 58659
41458 62785 77214 59789 50724 09829 98154 15368 52277 64425
50753 34118 63495 46673 96194 38958 65573 80520 74181 17223
07796 000 000

10936/9336/8136 kHz, 09-10, 2210/2230/2250UTC

931 931 931 1 2369 118 2369 118
84609 46045 48670 09020 34789 85886 70611 14563 44616 52819
19337 86362 13321 40167 88215 58095 81175 28890 17973 74329
26584 25754 48715 32187 79231 63835 50204 57238 02330 52066
71320 39255 21135 67352 05764 22511 84958 74806 51787 45291
87111 20143 94048 13296 43007 41385 40986 48814 02012 51806
42443 69012 95300 17796 02159 10327 57072 81421 59462 52877
96997 45219 11578 00016 1833_ 18361 72211 81015 71359 47253
92__6 90173 81055 92128 82073 0726_ 77154 13_11 34_65 60985
07737 17668 50510 24754 81359 36756 38239 74928 70732 34604
40058 22878 04317 46287 27283 82972 92465 68084 98692 37736
67777 76641 67281 02691 34156 98594 45261 48556 83757 39725
73802 42383 16942 81799 94437 44535 26523 21015 000 000

14377/13461/12114 kHz, 11-10, 1130/1150/1210 UTC

317 317 317 1 5033 90 5033 90
56600 41071 50264 93238 25993 37135 22970 80001 22359 12476
87258 96776 60618 21555 92225 92492 02377 49481 22334 26167
97927 55098 72745 36943 36643 69883 30822 33191 99503 95880
56723 31481 67154 63422 05924 31503 00988 62589 29285 17957
60660 97579 15450 67378 38639 13073 61037 03378 97887 74689
33273 74369 66743 04180 24589 60752 66270 28209 50782 29456
23876 97487 76742 03930 12094 27766 66299 28511 44421 92362
89045 02834 20811 14840 18825 77875 93038 65739 99269 46219
44950 91798 24175 89434 56440 26231 05670 44438 58856 48400
000 000

20168/19468/16268 kHz, 11-10/14-10/18-10/21-10, 1400/1420/1440 UTC

142 142 142 1 621 79 621 79
71819 05792 33796 44878 87719 82591 33988 79193 17165 25786
85161 90723 03617 42940 91962 57961 59164 40249 94043 40684
71280 32044 43783 01760 98316 34372 71715 31372 30909 91947
36120 07411 63303 41110 54013 69323 92634 56648 62667 05254
93838 41105 62184 93438 37301 00216 82001 78442 32725 15852
89834 03118 99554 91964 42537 27041 11756 03115 47242 34493
30754 27410 16730 63491 73933 60201 49459 73124 18891 57796
90608 31132 55411 82812 09479 33225 39458 16521 78083 000 000

8164/6964/5764 kHz, 11-10/14-10/18-10/21-10, 2110/2130/2150 UTC

197 197 197 1 5998 95 5998 95
78920 83588 93770 60909 94586 96557 65830 65452 25319 39461
58840 10564 04322 93577 83648 78141 22676 42509 76781 84773
49376 70248 40536 01293 94722 10582 54005 09011 32855 65520
41331 17733 29928 99281 04399 78826 72090 97752 01590 84128
80158 77552 67676 08775 29146 30980 00698 49453 49504 28506
94244 15721 78193 96412 48718 31326 09448 61660 27077 18645
59400 12796 58136 21218 74789 29144 35512 24253 32837 75656
66120 32538 85445 58145 91011 19687 26521 84943 90579 71193
97067 07019 49141 83558 38737 00513 23016 42790 73787 65089
41453 79387 85804 82311 14246 000 000'

6837/8037/9237 kHz, 12-10/15-10, 0030/0050/0110 UTC

802 802 802 1 307 91 307 91
05816 60514 71131 50951 14139 73715 19694 43579 72543 30184
48302 02315 57495 36558 81625 02521 91244 42964 95795 97753
74654 63329 39882 10661 18793 41887 22738 24410 61626 60214
24989 36641 56338 85693 12049 38284 66382 21999 00289 15567
76957 05187 01011 89762 36523 41748 90927 38173 60458 41914
91056 28969 06402 68559 31206 80283 38545 12757 57546 75901
87846 17202 03415 87828 10088 92210 95898 03023 89274 90963
08222 37372 01883 77296 63941 71305 32403 65630 32895 79201
92105 73440 28667 39013 39340 95901 98320 45212 30854 15091
99197 000 000

9317/10484/11552 kHz, 12-10, 0530/0550/0610 UTC

135 135 135 1 9694 111 9694 111
32845 43844 38896 92779 73742 10932 35919 74188 23014 58736
92020 95413 33421 89798 50996 33597 33672 05619 20944 99706
51741 83156 69440 07790 33506 41547 45431 15153 73053 35534
22792 16786 78681 04029 45163 93072 95105 27509 58395 97133
84339 60163 85957 26629 29924 62204 21744 42708 26871 98813
20830 95093 47121 77513 98637 50214 74071 12335 91764 45653
12683 33464 82956 06309 44253 81992 04672 57238 77686 62204
71569 70145 23534 36121 34021 77387 58945 99085 46785 31343
00091 20241 96279 44084 45376 77267 54957 58032 86565 84081
90599 47334 58566 57604 64756 70718 26358 48952 85696 90809
07035 53922 49141 84081 68076 17886 61627 56902 19638 83277
50092 000 000

12162/11566/10711 kHz, 13-10, 1710/1730/1750 UTC

546 546 546 1 4469 104 4469 104
87551 00208 79985 06679 13021 67763 82203 70111 12541 70908
68928 47344 22679 46958 04567 98503 68776 92018 97668 85747
01318 12349 61218 35800 26768 37979 30032 45595 69512 84584
37645 43624 33556 51883 89953 20640 82025 64588 08241 24046
76656 47002 37226 13290 15902 06540 80173 25561 83564 35070
92045 26525 72064 35494 58582 70368 45731 59720 50213 66410
71135 16127 22931 10388 48288 45455 15251 34370 97448 20802
13626 89240 52666 70427 60589 64706 46434 88982 32974 70871
26525 07839 41286 88318 80504 41732 56993 80174 00697 29016
86692 21580 89504 81348 76578 83631 50673 89061 65375 05548
06538 21814 85164 83875 000 000

13386/12189/11491 kHz, 14-10, 1110/1130/1150 UTC

725 725 725 1 8841 98 8841 98
26652 86976 97274 35656 07381 14730 23755 62393 64009 48704
92738 43830 48564 60717 11610 56297 26681 96361 33099 78463
31633 86523 81958 72754 96004 70713 72654 10243 30132 13502
41813 61595 78395 55306 69221 95682 45698 63427 05395 46276
69445 48693 14671 22409 10136 16367 33815 40244 77496 58573
12285 68174 85929 86527 10052 45160 20535 11069 59496 28298
93302 11661 06472 79668 76921 15099 52281 96504 94448 85779
32600 33090 61665 74552 04518 21442 58306 36178 56698 87791
49148 96428 18664 77601 13767 47530 44528 66817 61997 79950
00770 12574 11013 63378 18535 93890 47039 47727 000 000

12162/11566/10711 kHz, 14-10, 1700/1720/1740 UTC

546 546 546 1 7835 108 7835 108
75946 50869 30286 76266 75561 78728 19994 14538 51745 16986
27936 29239 72587 31244 31971 67119 08856 49632 21141 35961
04543 08229 47038 83023 34912 19567 08509 63415 57437 51852
94727 54312 13548 61042 58878 60546 01948 51323 19293 21041
30336 06941 49951 03153 58710 55935 40022 97677 91819 20772
80416 52220 47686 49622 27483 30518 58117 46867 65363 25954
33559 15682 57045 65512 70045 74740 80075 22616 80032 94816
70837 22092 68173 46392 39353 70616 25683 82792 91689 08208
21883 76299 26939 01344 29363 12462 87533 16755 29700 22398
85865 38251 51660 50598 34881 21260 98574 38989 24230 13095
27405 47042 15541 75927 60705 82480 91318 24420 000 000

12162/11566/10711 kHz, 14-10, 1800/1820/1840 UTC

546 546 546 1 1260 110 1260 110
69075 42614 16047 65882 67892 92416 51493 63056 74925 29636
26370 80045 18449 91110 34224 18640 05054 88684 62694 90426
08523 73139 03645 57900 04264 08374 13489 10727 57393 26238
11415 66882 99388 78844 59635 31221 46983 99223 51998 53416
38793 14151 43577 29558 86518 40640 06167 68051 57718 25115
57937 73509 17651 71991 49943 08426 88495 27889 32969 71190
06201 58597 99340 23609 03008 10346 97426 16489 42810 49557
34100 66119 54137 24179 68704 84894 35762 45419 54284 90438
98761 57151 27278 97413 60983 16855 70514 27156 74807 72504
16301 99929 98593 22026 16946 21806 91814 16595 28857 89965
51242 57839 71860 80452 57063 37367 32150 78488 38108 10249
000 000

14377/13461/12114 kHz, 14-10, 2000/2020/2040 UTC

317 317 317 1 3390 105 3390 105
39594 43655 43351 78675 43991 31220 27016 89886 60710 88219
38839 99671 31353 63193 70718 45882 48036 38626 83072 57184
56381 31745 31856 40999 76924 40082 64947 85223 21262 75408
57296 87036 30918 92388 87766 64207 95907 91988 05859 12182
41629 70629 44967 70939 72597 29164 42472 88700 85684 56282
13795 15747 89085 10138 83830 26641 66233 15420 21221 95833
44803 74382 58320 16643 56935 70621 68206 28206 71695 38020
39308 85546 68176 75258 33686 30982 80317 74228 73839 90837
75437 92434 85717 64998 32070 95297 31504 36948 49989 15662
41844 55627 39551 79674 04403 33189 38672 12169 79775 54362
29812 06710 13833 43839 48086 000 000

11435/10598/9327 kHz, 16-10, 1800/1820/1840 UTC

938 938 938 1 3652 79 3652 79
08321 58953 38999 59816 44307 11028 89228 66998 88384 14778
34634 55259 38765 46712 99938 61465 74334 329_2 13395 01639
57649 34358 40692 85421 26981 66077 55069 08840 88398 16376
56326 87732 74573 89902 06012 43009 92312 81800 21413 42659
17356 8__2__3__ 51444 61999 2____ 16__2__44__8__ 212
97457 57321 83650 73993 63144 51014 34378 43179 36666 27580
97275 6501_____7 49865 31209 07572 75105 62521 83054 64891
29937 75285 90294 96111 24646 91753 68659 86837 000 000

10936/9336/8136 kHz, 16-10, 2210/2230/2250UTC

931 931 931 1 9630 86 9630 86
12778 52440 14297 49475 07106 66378 24933 47946 31310 63116
43757 96780 96308 50077 27253 40954 64113 78343 10366 91906
13324 89593 95077 19789 46428 94212 85671 83228 28091 97948
09162 32752 05851 89229 71099 80960 73263 23397 36087 51158
77386 97122 80573 30166 51002 87994 28743 09999 26806 65214
64211 91525 56659 32980 21789 70939 41448 51219 61040 15694
74124 69651 28401 68678 90648 00584 99907 65731 16732 99773
28128 04881 72843 61822 49155 24369 46422 86405 87280 56114
21117 25314 58412 78684 72603 19715 000 000

17441/18641/19241 kHz, 17-10, 0800/0820/0840 UTC

462 462 462 1 709 59 709 59
42304 20250 88544 75150 58221 85873 57803 64654 60443 23476
17668 67359 61470 33295 73902 52948 60644 91931 83868 23657
71427 13571 99898 26578 14242 21700 77919 75992 81755 16347
86332 18458 93438 30380 12180 40931 15044 33924 80795 51174
52500 03900 39600 24795 43393 74606 82041 21019 89721 77669
79064 83343 04090 21045 56225 46164 92736 28126 06000 000 000

14377/13461/12114 kHz, 18-10, 1130/1150/1210 UTC

317 317 317 1 2390 93 2390 93
93481 22113 33525 01299 52947 30537 03235 07246 62458 66146
26997 74908 26732 01174 29832 38361 69175 43268 67153 94037
45393 38563 80392 34088 68598 47203 97086 05231 57629 64230
43141 59418 56533 09421 72662 82291 94898 65671 00055 82288
70912 26512 26598 08657 43610 71104 60304 94675 90458 35164
06713 33814 05375 23459 61898 49126 20463 03270 56525 36696
00578 97739 42642 00745 80743 95644 72165 14773 25876 39194
39247 03138 41392 10081 53912 31970 93690 70785 83489 12954
39389 09114 83338 05384 12122 28111 01437 00700 89546 49009
58103 07066 18903 000 000

10318/9218/8118 kHz, 18-10/21-10/25-10/28-10, 2000/2020/2040 UTC

178 178 178 1 3536 63 3536 63
70089 17979 28712 02082 18520 62900 17379 25322 89250 66806
48115 34071 62152 88098 78606 00102 62079 60996 74259 05475
55219 78008 21804 67984 94912 08149 27881 10930 24626 52932
93751 42677 38503 06642 01502 33826 49452 60595 97440 30849
75555 90867 37455 33077 60309 41359 82868 36913 55787 84768
31249 65901 22806 73938 59191 11912 08025 02332 38345 65606
35225 00023 94695 000 000

9317/10484/11552 kHz, 19-10, 0530/0550/0610 UTC

135 135 135 1 6927 107 6927 107
01637 79899 47560 38391 97890 01471 13064 75771 24514 61056
44333 22736 65178 07923 71679 52643 90816 60621 47405 63734
91828 38548 06496 57911 01618 06612 25294 72523 85141 74439
93614 75648 62416 44359 32683 59101 52223 89056 15046 60086
30946 76888 84632 40187 53787 81217 59247 42766 20278 79721
58110 93177 54613 91257 12514 41009 93001 67138 11080 84138
67249 32065 82188 24596 29866 02716 00612 10508 46480 80298
49176 78589 14995 75956 18411 54067 90822 08955 35717 97422
30626 54050 28809 05674 95403 61242 89743 83657 68442 46626
41772 76680 41532 30460 69008 11078 94088 62016 27852 42019
41919 40791 55891 00755 00307 90573 80884 000 000

12162/11566/10711 kHz, 20-10, 1710/1730/1750 UTC

546 546 546 1 6046 111 6046 111
32133 64427 25236 45680 56234 90301 88433 84884 14795 46347
67512 60783 51409 40808 97749 09380 36825 12316 86958 00601
37267 80111 76989 92157 17739 37259 93377 63256 01199 17159
79129 50964 08522 43113 50687 96748 56761 02171 54505 25875
75914 72249 93488 31901 22498 05525 47081 97614 79672 20712
15853 41024 27995 12669 65754 26676 08303 89556 77372 00621
93025 67201 85263 43856 27091 91034 29457 67157 16438 24748
61058 12005 47969 81687 61385 62719 54657 09875 37092 36840
17861 47202 85919 01488 92933 81362 94208 85933 37846 78991
12961 87433 33683 43831 52054 24576 01440 74580 00609 90911
39686 91419 32762 19186 98920 46055 14352 05570 59496 83978
99152 000 000

11135/10235/9235 kHz, 20-10/22-10, 1900/1920/1940 UTC

122 122 122 1 700 74 700 74
81256 90171 90144 36830 14118 90701 87756 68689 99810 00173
16003 23492 00776 30662 31239 58958 62678 46159 02952 53943
18452 15824 62560 80660 16100 74372 43893 73770 69465 18089
76907 99823 02154 71966 90331 78236 68837 88309 41962 85395
42969 66823 00511 95915 02674 41609 75828 47064 45927 68543
42570 14686 89929 61556 42731 57359 21290 90498 87259 93786
76002 13905 83268 69303 19910 84377 71999 97292 04099 14777
14493 21126 43128 72257 000 000

13386/12189/11491 kHz, 21-10, 1110/1130/1150 UTC

725 725 725 1 1748 92 1748 92

36989 20444 40453 55346 20204 39344 18766 77738 66536 61128
86869 34846 26902 53796 78050 64947 17165 49062 29265 96500
34260 06363 84474 55358 52063 85390 08843 75554 86433 74520
32014 03521 43353 05936 90700 98725 30186 78703 49240 43903
24151 34015 26277 31485 28902 08395 58683 98573 37540 76566
38051 34120 40059 39338 56741 42405 32632 78179 47368 26056
83181 61637 09177 24732 58644 73068 72936 01825 52798 46586
89620 06733 31049 70707 05476 30750 17190 76626 44482 42291
38415 34956 08131 59042 13443 61652 17746 33036 26056 52066
41779 03979 000 000

12162/11566/10711 kHz, 21-10, 1700/1720/1740 UTC

546 546 546 1 2294 107 2294 107

76231 17077 81273 27079 68912 69856 36227 86120 00657 34547
82107 86015 29414 29905 65769 52449 13388 04158 26077 15504
45591 25411 61523 95623 77312 05987 97394 68465 50042 00848
59277 71361 75532 88676 01977 77992 96502 04627 54758 04613
23178 49590 91441 09512 31491 54487 20850 64817 09718 40248
09499 09262 05627 82944 51341 44216 51906 36959 62296 52549
11892 85975 67197 95654 23348 39476 19725 32077 76193 91217
95996 77419 90103 69943 65976 52409 17307 59857 68888 75157
92871 36221 53317 27127 61367 76099 00839 98594 97532 24716
94880 88193 65331 45017 31188 95044 29939 52031 17568 44217
74532 82091 27650 65035 25706 55594 42867 000 000

12162/11566/10711 kHz, 21-10, 1800/1820/1840 UTC

546 546 546 546 1 8227 108 8227 108

46478 90183 31012 17729 80862 39292 29722 83102 86176 85415
33455 37754 08251 34893 85791 29103 74039 85168 15552 03662
37577 76543 46717 57963 82102 20260 83470 09351 20734 47376
34934 15544 73834 11017 64341 85858 56407 43138 44814 81382
37200 91415 57969 08860 89623 26202 62035 84497 28973 75113
93674 30977 38499 36611 64887 99996 74072 25282 74624 44070
09906 55705 31910 88667 74793 17633 49196 85907 77128 64526
68402 51974 78470 40051 38589 92507 62477 64060 75269 83424
54003 72513 26997 54693 99444 75980 58361 22339 49828 16284
37485 59565 23608 42385 31309 90263 12147 83405 36787 12844
82431 24485 47933 91230 08221 63428 72724 98734 000 000

14377/13461/12114 kHz, 21-10, 2000/2020/2040 UTC

317 317 317 1 7660 104 7660 104

76111 89485 82142 96698 96883 87264 17005 83802 42773 05049
68384 08383 06844 02194 67674 69143 36767 34255 09071 74322
83103 82538 17849 49160 60543 67867 15814 94629 18863 31577
82626 87767 13957 58600 92878 81900 41189 88656 16957 79297
44567 54938 68762 02068 62139 23390 98926 06414 48279 29327
58600 23175 10029 89402 47924 79346 20015 02813 64752 38081
34303 79363 29702 10978 50365 90390 99523 86077 18281 67630
39295 31744 65453 24464 40196 77449 24097 06670 69530 64749
22085 38328 56252 24473 58767 54780 20956 94134 23384 06018
19913 45300 80515 56782 83131 24817 84509 30811 30025 18129
39189 87600 96232 44422 000 000

5794/6794/8094 kHz, 22-10/23-10/29-10/30-10, 2100/2120/2140 UTC

770 770 770 1 632 95 632 95
01478 27814 58019 96027 06238 72075 58301 84776 63886 07709
56099 76118 17389 62822 38741 06685 05911 24370 12719 93713
95772 69525 82081 77605 42458 44289 71553 14762 41331 97767
54648 15200 60898 74881 08076 19833 83165 23000 38303 41142
21347 34671 27284 21058 10469 86283 67561 43860 07444 48007
31698 00515 74148 82697 92162 55422 71174 75642 31233 98080
47819 87194 69246 64986 57038 55374 47301 02321 18603 05007
32660 42583 56281 43949 43825 32506 84006 36585 32688 16008
18831 78133 26299 13823 49668 40897 80255 45293 09364 88851
52328 36383 11622 78300 05557 000 000

11435/10598/9327 kHz, 23-10, 1800/1820/1840 UTC

938 938 938 1 9887 76 9887 76
94059 58690 31615 90819 62878 47900 71416 63322 41921 07897
93759 75264 78592 16559 67584 52658 78030 43929 00685 55099
41301 27903 49687 88288 87369 50728 01653 55928 63884 03706
72211 68715 29623 23042 28001 49518 22761 79547 68866 76641
72383 82296 73523 92006 37675 40334 72000 99823 47679 33536
46588 05529 89858 42523 04761 51882 04979 16210 34535 58084
08306 09962 87608 49157 79319 68315 60932 20918 17691 67540
67516 05119 25705 77286 30076 03302 000 000

14377/13461/12114 kHz, 25-10, 1130/1150/1210 UTC

317 317 317 1 6931 93 6931 93
73405 91045 21649 30546 01571 96814 27085 68022 09760 11721
45873 57786 33892 51782 50316 03960 88500 78259 90168 61835
93805 31712 27087 48895 68282 48720 95510 50446 51127 10383
72878 10071 54412 61872 43420 47910 45892 76839 40721 06000
91559 48673 41866 05585 93588 46119 86900 39307 90095 31061
41141 65774 86575 71863 02506 93635 36595 75494 81559 25337
12420 15081 28421 11528 27915 96914 30353 02293 14672 97337
00045 42371 45938 25980 99687 70295 13633 39899 79578 55299
48538 14277 30419 19604 36983 04801 28391 37252 97025 75386
58245 78697 75154 000 000

6837/8037/9237 kHz, 26-10/29-10, 0030/0050/0110 UTC

802 802 802 1 3057 67 3057 67
68687 09740 91787 92855 43081 08293 12986 46550 73085 07075
02746 43375 04799 90108 85010 48913 40401 73897 09276 69724
95800 98332 32859 01941 78665 11768 44782 83525 73485 20503
09182 38671 52049 96344 82874 60168 35555 53628 05339 69964
68640 83548 47122 49146 62269 71032 83118 37058 54182 37416
15897 71109 15163 48746 75400 62414 63866 19160 74483 33671
31949 73141 90484 71258 03970 06181 60272 000 000

9317/10484/11552 kHz, 26-10, 0530/0550/0610 UTC

135 135 135 1 8430 105 8430 105
85594 55433 82871 03095 50110 09445 28923 21741 23274 53345
59565 83484 61981 03549 95673 27365 65999 22264 86894 03354
17856 03733 00737 01099 70890 27622 94823 86438 95934 89514
83367 19943 36404 52498 46600 20552 31483 50152 97095 20998
64630 26365 14320 11668 50979 66747 21575 85181 87501 54784
03203 64833 59882 98662 60750 74963 28807 89439 36746 89671
77067 06605 15201 61714 03278 92281 88146 47126 22488 73730
71521 34388 73796 24846 89442 79490 65983 63832 04349 94415
35371 77003 40472 23969 95516 36953 34237 01275 93897 99526
55825 89107 17460 97001 01100 66636 41797 76079 10194 28187
18505 43829 13743 99592 37210 000 000

17441/18641/19241 kHz, 27-10/31-10, 0800/0820/0840 UTC

462 462 462 1 9828 88 9828 88
26797 71664 15854 96613 76544 21128 41947 99832 88912 88646
49549 66761 99657 56869 04801 96953 80444 68073 86106 96259
39203 97806 47306 71423 20896 91306 28454 54734 44260 19558
38720 21705 89021 43534 53136 43322 79335 66815 07370 73143
44473 76162 78883 43382 73820 73740 79447 35697 06444 25269
21883 28116 63624 71838 47098 10538 87227 56058 01944 08200
08307 04201 29084 36901 22959 88049 36622 53446 87916 04815
47206 95943 13341 08902 74741 55106 98419 42185 11824 99061
29622 38567 14365 08631 46761 21215 49937 82157 000 000

12162/11566/10711 kHz, 27-10, 1710/1730/1750 UTC

546 546 546 1 3599 110 3599 110
03329 52758 16472 48401 17575 51273 34651 74073 43284 03309
32774 27574 40015 60864 97666 85723 47279 17818 98338 52138
12750 55005 70239 67313 91774 04381 64441 20674 56851 96042
88999 04009 12298 35816 60678 23155 44853 84451 80672 34878
37875 72117 63454 73660 81298 64854 74471 65105 53385 45024
97260 25889 33669 28748 22604 47443 13605 92868 16201 27783
67642 71115 50458 06519 00056 59592 70517 37277 80613 02721
51593 56077 75287 44275 24730 93926 22386 54682 67509 28839
59978 13283 17715 51422 98458 59738 15530 22695 12740 99454
14519 75482 16802 51402 24460 60949 65296 69433 77763 54724
74321 69902 65096 64835 67175 46735 23791 21980 70316 17806
000 000

10936/9336/8136 kHz, 27-10/30-10, 2210/2230/2250UTC

931 931 931 1 574 86 574 86
85955 96693 47569 88260 69351 42512 67861 07777 57602 83928
94067 95532 02888 39288 60763 64710 81138 68540 67150 77054
56667 17783 96276 86884 89335 38872 57810 66777 21558 40932
30346 22195 59133 20910 14479 95160 04749 89308 57007 21516
12860 42527 59139 77523 47735 33342 33524 47466 12512 07999
22611 91427 55358 29020 91893 70470 67267 21447 22184 77677
96423 54516 81718 45699 71906 82015 29230 38559 83765 72234
15037 97433 79698 39285 48288 89402 23885 61838 86447 45266
43914 67336 19210 28594 63891 20027 000 000

13386/12189/11491 kHz, 28-10, 1110/1130/1150 UTC

725 725 725 1 2182 99 2182 99
26642 62027 52740 84473 14313 66054 83449 10027 35134 59829
57148 72415 91489 28349 74200 53077 68869 11062 86867 10341
76421 04132 42738 13887 17620 15529 49559 94548 69637 68486
72469 90220 58938 46148 78490 20343 20761 25869 92343 80353
07008 98467 86787 41225 97540 54962 17813 49671 40281 24468
67093 22613 58836 18642 45401 94635 09376 36970 23546 51920
47044 13074 85362 55172 49930 10045 85431 39824 06132 60821
09195 58632 13615 21058 56821 77614 11735 83575 53403 70079
50335 30977 72591 05357 96293 21884 76819 17471 74798 27583
27490 86492 12030 03400 20549 58300 46052 02800 32549 000 000

12162/11566/10711 kHz, 29-10, 1700/1720/1740 UTC

546 546 546 1 2308 113 2308 113
20718 60112 58932 85192 05597 04268 04095 90625 34015 03015
55468 64747 17521 18981 79948 65446 74013 49308 43253 58704
24107 56072 10379 77197 24807 47512 77394 32037 79687 39455
84822 75123 82944 37326 45019 38024 42854 39177 70818 40143
65181 23639 85878 63300 35659 37024 37698 80041 02889 22023
16039 96997 43486 09999 53980 17866 17783 67297 94077 68928
32127 87128 21025 75559 36919 12113 28683 95405 95905 83719
12424 62936 55986 45296 10590 86861 75912 93336 66149 35041
21858 07416 04318 05866 01829 58097 25359 56432 29266 22059
77480 03563 16444 40823 31534 19157 28509 50548 20800 54721
24826 52049 11080 31448 35340 33438 71935 89344 39056 10996
39337 70412 17751 000 000

12162/11566/10711 kHz, 28-10, 1800/1820/1840 UTC

546 546 546 1 1628 108 1628 108
 15429 16247 77614 10850 76115 64804 35508 37792 66798 63014
 56457 44272 77104 12621 33933 19128 34668 61953 85065 94657
 36700 27026 52989 20427 93382 82283 62655 66666 90668 65272
 99477 03971 94280 26432 53857 96796 30454 68874 37946 57765
 01846 50808 36918 99743 37689 84492 11905 11989 50891 77857
 50322 24058 06976 45557 79858 39672 06917 16813 71498 90026
 12280 51738 38238 46705 76329 55879 28300 73111 98429 99013
 23979 48084 02046 44230 15696 92120 64736 98615 92360 67065
 46712 77019 27877 65777 57081 91999 12475 96619 18512 13594
 00289 76992 57118 02118 99585 61959 55058 00578 37683 47432
 82404 15332 67497 07527 07334 13751 97621 21907 000 000

14377/13461/12114 kHz, 28-10, 2000/2020/2040 UTC

317 317 317 1 1856 108 1856 108
 88966 91928 27293 96123 16005 33955 05838 97541 99878 62556
 61023 27802 52378 69813 21604 28219 18388 84605 28416 75091
 73424 54080 45610 68489 13851 36546 77392 84143 44891 62309
 80200 34800 89613 61682 26055 75844 12448 65398 35135 58764
 55486 10643 86459 54126 18608 75600 88199 58676 68869 71549
 06493 68499 63644 04463 78450 20001 60209 13263 73680 21328
 37801 22890 68383 50652 72735 31557 06818 81287 95356 99844
 25791 19548 06219 90104 48783 18166 33015 59896 95706 22167
 98709 38960 27974 75164 01234 80610 97587 55011 69194 26968
 70517 76461 31760 41008 25047 00282 20033 81319 91408 41599
 06976 10147 73538 21432 38918 00963 84281 61261 000 000

11435/10598/9327 kHz, 30-10, 1800/1820/1840 UTC

938 938 938 1 1136 72 1136 72
 50032 72804 70971 77287 47328 81013 58952 53925 66203 46755
 90397 77753 51769 90446 37930 84294 24554 54975 76489 58514
 41292 10089 24801 05223 50798 63135 99149 02633 53182 38369
 96389 34306 78639 33301 89987 19974 79446 35356 58575 66788
 05240 07507 45668 73275 80746 03131 41084 27045 60381 02987
 34029 07780 65292 34716 03719 86935 74358 00884 49149 18358
 55727 96931 38422 12612 26872 12327 93440 26088 31461 54817
 91226 86005 000 000

M14**12211/10243 kHz, 01-10, 0500/0520 UTC**

952 634 634 53 53 = =
 69989 01771 90778 66619 26323 84785 89053 56326 78130 18281
 19343 74461 65441 53941 72753 15020 25500 89285 68405 06187
 37189 83557 01612 95019 63217 62382 35920 51375 88488 03379
 99929 95758 78105 19919 74830 80789 03432 85218 83614 80961
 09675 63947 17869 70399 23389 43548 63114 93286 23373 82443
 08614 56655 23379
 = = 634 634 53 53 00000

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

952 871 871 52 52 = =
 71834 60987 07276 53469 43872 46390 03240 92398 05826 51590
 00833 10504 07894 23844 92663 27450 06483 10588 17941 24406
 08096 22639 97227 11594 75825 10386 32147 20539 59369 57653
 93460 38223 34533 22932 45963 25317 63132 82659 83632 85675
 09248 56238 73475 79299 72763 17479 31493 95938 26128 26128
 79218 31523
 = = 871 871 52 52 00000

12211/10243 kHz, 05-10, 0500/0520 UTC

0503 UTC: Late start

952 430 430 52 52 = =
95831 43642 68988 04635 39779 86696 35504 66785 65092 19571
98889 16188 61484 83477 03465 40722 74771 14611 40716 25430
43224 44624 45455 02070 89085 76997 71379 95643 94958 87709
88207 78833 19743 23673 67582 70289 33808 97353 49942 37696
78093 01027 09522 91568 76823 89091 59700 80700 58522 01894
65854 25221
= = 430 430 52 52 00000

12211 kHz, 06-10, 0500 UTC. 8 secs silence after 952

10243 kHz, 06-10, 0521 UTC. Late start

952 687 687 52 52 = =
20109 00065 62179 80557 17045 75439 36966 66219 14857 66205
70333 85723 50602 10559 92787 64221 88195 93864 35134 50642
21769 09224 50058 19323 52573 85712 72076 63531 25346 13987
64312 23075 35094 23939 25519 13176 40221 94090 55793 46799
42943 97409 04426 67638 22924 13244 48310 35918 35071 60055
74359 34225
= = 687 687 52 52 00000

12211/10243 kHz, 07-10, 0500/0520 UTC

952 101 101 55 55 = =
23801 37345 74638 57935 28302 23303 07930 73043 02874 70124
05878 52205 96855 86290 94848 22048 92392 02526 03448 75474
78384 60273 98620 20920 40538 80724 24588 45776 22230 87866
11802 29908 35851 83957 48102 70211 29329 00896 29275 02138
37512 75891 31192 29130 73108 24899 70710 95913 36859 12241
47546 66560 51636 39859 84273
= = 101 101 55 55 00000

12211/10243 kHz, 08-10, 0500/0520 UTC

952 436 436 56 56 = =
42060 66617 12101 56846 11376 83859 99601 40530 59429 65962
87522 08505 47677 81785 03161 87161 32661 11980 14381 13956
67257 23923 48099 48533 50057 87396 12365 01920 65077 41905
76753 57223 79003 51606 90743 80269 88127 08773 44771 43619
32183 71722 03643 12405 17268 48164 67009 65411 15030 59886
36566 49864 30313 49735 94686 93330
= = 436 436 56 56 00000

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

952 718 718 52 52 = =
79814 88956 57468 06277 67597 15920 67596 08749 15602 16475
84676 23785 29473 31918 55503 61882 19389 76583 44002 78984
21581 89224 06916 48616 27777 23958 67229 22794 58479 60428
83798 73887 41043 37916 40594 34630 78460 43049 04030 78456
19822 05814 21773 07368 68359 83564 61519 39491 88036 37694
13126 13550
= = 718 718 52 52 00000

12211/10243 kHz, 12-10, 0500/0520 UTC

952 343 343 67 67 = =
56924 30120 78056 41539 72890 99058 00622 05340 54876 64423
07272 50899 10143 07716 06467 00286 22846 93721 17226 99047
48039 09320 06931 24017 44467 96144 98379 37306 38295 38033
50763 09938 34997 89186 44250 63533 21572 54003 22880 03516
26275 54504 75436 42243 28065 46290 59005 35530 32935 68978
94889 80977 59337 42044 91575 51561 99865 42014 74442 62913
51406 21940 26887 97729 30922 59097 72577
= = 343 343 67 67 00000

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

952 876 876 50 50 = =
10163 58327 66177 02619 05950 29149 07362 82105 62135 58403
68226 24140 84582 50676 23044 31793 22226 93488 98651 60419
32667 54019 01813 73212 53723 05610 95508 41394 98126 70000
53835 37473 13550 86212 50207 95003 75154 42045 58547 33272
02847 29091 72154 70433 20426 07239 69928 73303 98812 89571
= = 876 876 50 50 00000

12211/10243 kHz, 14-10, 0500/0520 UTC**0504 UTC. Late start**

952 404 404 51 51 = =
25203 51530 34347 39908 27966 08782 36899 29751 40613 79319
76792 18641 99269 79099 85430 96780 95852 47177 30443 39002
62978 13994 75826 99256 15218 51395 50794 48582 07629 09068
50741 73699 97524 67107 18785 78449 20393 59367 81303 55245
15913 47310 35919 18735 65013 49030 15357 18854 23897 53136
75628
= = 404 404 51 51 00000

12211/10243 kHz, 15-10, 0500/0520 UTC

952 717 717 51 51 = =
39297 04125 41187 09713 86289 53392 07405 81900 61224 40535
17855 69830 89342 73758 98593 03959 98774 47984 70594 95960
56958 20700 97737 22444 07945 92203 56778 18521 59004 32426
40217 35930 90002 21526 28025 45402 83958 96442 89150 87944
02230 20591 98750 04742 52775 18890 82078 00363 24908 45311
20975
= = 717 71 51 51 00000

12211 kHz, 18-10, 0500 UTC**10243 kHz, 18-10, 0520 UTC never happened**

952 686 686 51 51 = =
08683 47872 62815 76306 81492 40441 47082 98783 69822 12884
18640 80145 78768 89680 69885 07347 42981 18471 85960 15840
63425 97607 01292 66007 58302 74521 10126 89617 64069 94561
29521 98487 47495 05020 38198 72534 14686 44017 39725 69414
28020 68938 23446 22931 66940 04110 21603 22397 93513 12394
86089
= = 686 686 51 51 00000

12211/10243 kHz, 19-10, 0500/0520 UTC

952 313 313 52 52 = =
23644 17918 52508 13355 41094 42341 11569 48763 95512 85611
05203 10271 04396 10091 94599 25770 91941 35468 46742 47825
84230 83435 01515 07967 74434 72459 89301 23421 50222 23580
03758 79721 00569 63189 59443 37638 44143 33723 89012 37858
46460 48190 59636 01856 18002 49496 13355 52399 10469 60482
61036 02116
= = 313 313 52 52 00000

12211/10243 kHz, 20-10, 0500/0520 UTC

952 847 847 51 51 = =
39292 26369 21339 18089 56087 66082 84833 91346 57051 23085
24801 36169 57172 59104 58841 60361 69478 84285 37654 92300
85238 76910 37390 11441 70261 83684 54833 92992 32012 74027
72608 02685 37202 46807 86587 02573 84562 12948 12699 53817
33645 06132 88623 89196 96701 02874 29148 23436 63788 06726
35323
= = 847 847 51 51 00000

12211/10243 kHz, 21-10, 0500/0520 UTC

952 601 601 53 53 = =
22250 48367 02096 74147 15048 65765 90391 93540 58521 00348
72708 68857 37264 22319 11279 42289 92375 62949 66235 08420
41387 07902 31006 34950 00609 02769 28743 88593 33368 88002
55726 95838 72569 05427 82671 93257 90988 43520 49896 47055
17781 13655 17261 46551 24603 74477 54838 01258 29807 46630
85238 96279 94135
= = 601 601 53 53 00000

12211/10243 kHz, 22-10, 0500/0520 UTC

952 483 483 61 61 = =
79470 14127 95611 47607 73129 66971 84839 29983 22359 80628
94491 04125 17667 56248 48365 54215 81025 83942 73260 70489
19724 55788 82767 61888 58437 69952 16617 46567 60468 80608
09028 87404 74070 73345 84510 64727 64823 70754 04533 03430
19966 97878 13511 96672 35650 62204 57559 93354 23034 27908
74418 41533 94170 89010 78024 05002 13609 71160 86137 95192
26657
= = 483 483 61 61 00000

12211 kHz, 25-10, 0500 UTC. No transmission

10243 kHz, 25-10, 0520 UTC. Problems during the first minute. Problems and off at 0525z. Off and back at 0527z and again problems during the next minute.

952 767 767 56 56 = =
60259 66937 97441 87787 15009 85332 16857 43062 87356 51849
off 76440 17779 53323 85579 9592 off 99984 41570 79987 69265
00576 33925 89280 80911 97333 15823 40405 00077 87724 24895
92729 03471 48230 18421 82052 92033 68281 42264 06215 72626
45444 75539 92211 12326 50624 25384 13786 45155 55475 32758
64201 54695
= = 767 767 56 56 00000

12211/10243 kHz, 26-10, 0500/0520 UTC

952 131 131 52 52 = =
18847 28970 56637 59627 52876 76100 83305 55885 00865 88044
70270 96541 78520 45776 54102 85580 62678 97072 46818 29791
74190 17610 76281 39884 03111 75099 59895 53684 90213 88506
00119 17575 03782 44645 07108 93720 18674 46650 46552 97285
76295 29825 93519 12401 40985 23126 37374 25573 98385 63616
44853 13745
= = 131 131 52 52 no nulls

12211/10243 kHz, 27-10, 0500/0520 UTC

952 784 784 57 57 = =
88397 22106 57777 72489 56366 95031 48266 56478 45265 40448
60732 49529 83175 88488 69445 16038 32285 26138 64590 58172
34657 94841 84023 93404 93644 66321 36138 87611 33139 07565
68540 17177 01834 70904 62207 58537 14700 70135 55817 28606
48853 28607 29955 24511 36004 10218 05854 36089 18679 69269
38386 29576 62392 80091 07977 25911 40972
= = 784 784 57 57 00000

12211/10243 kHz, 28-10, 0500/0520 UTC

952 610 610 53 53 = =
20481 76972 50147 28392 00555 86402 67501 90702 12357 59447
66841 77806 99036 44242 25831 37968 76595 69213 03667 27497
03221 83477 11824 08230 85431 81320 05208 47056 94476 77952
29662 97193 91429 28712 86755 65875 84406 08915 01794 98159
66351 96551 05991 31540 06833 24977 68739 01037 96269 97827
40914 99476 66045
= = 610 610 53 53 00000

12211 kHz, 29-10, 0500 UTC

10243 kHz, 29-10, 0520 UTC. FSK-CW switched to CW at 0523z. Stopped and restarted at 0524z

952 834 834 62 62 = =
78496 41443 27958 37351 82896 00898 54224 22135 16547 30214
68126 38318 81110 22733 36546 96159 82154 52650 37272 93666
29997 48007 67712 78890 44957 85655 63467 61545 09171 19131
81452 47375 32193 75378 27261 93714 22544 81255 31450 09677
82409 05767 04445 49409 67664 28951 24738 71857 80423 73371
40081 65460 86297 59137 86348 61231 73537 68401 53772 82657
96267 30265
= = 834 834 62 62 00000



M14 FSK-CW

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

4628 kHz, 25-10, 1835 UTC	=992135??8????? =992136??8????? =992137??8?????
6911.5 kHz, 24-10, 0833 UTC	=991133??8????? =991134??8????? =991135??8?????
4171 kHz, 26-10, 0850 UTC	=991150??8????? =22458901960415 =991150??8????? =11458314355350 =991151??8?????

M22

6607 kHz, 13-10, 1700 UTC. Traffic list followed by messages.

VVV DE 4XZ 4XZ = =

KB9W NR 163 TO NR 563 QQL = =
HZ1H NR 073 UK GR 91 = =
DJ0Z NR 963 BQ GR 81 = =
DJ2N NR 863 AG GR 61 = =
DJ6L NR 763 JW GR 51 = =
DJ6L NR 663 JW GR 51 = =
KB9W NR 163 TO NR 563 QQL = =
HZ1H NR 073 UK GR 91 = =
DJ0Z NR 963 BQ GR 81 = =
DJ2N NR 863 AM GR 61 = =
DJ6L NR 763 JW GR 51 = =
DJ6L NR 663 JW GR 51 = =
KB9W NR 163 TO NR 563 QQL = =
HZ1H NR 073 UK GR 91 = =
DJ0Z NR 963 BQ GR 81 = =
DJ2N NR 863 AG GR 61 = =
DJ6L NR 763 JW GR 51 = =
DJ6L NR 663 JW GR 51 = =
KB9W NR 163 TO NR 563 QQL = =

VVV DE 4XZ 4XZ = =

TR AR NW QTC 1 NR 073 = =
NR 073 UK V RO1K 944131 HZ1H GR 91 = =
HHHHH CLXWI HEOXA SCYQW HLUXJ MZPKL AOFHZ XASUU ZBRNR MEMHM
IHIFL KQGTD NXWRX MCUHT TLZNI NYRTC QWJAP NTIMX CZXWI = =

NR 073 UK V RO1K 944131 HZ1H GR 91 = =
HHHHH CLXWI HEOXA SCYQW LLUXJ MZPKL AOFHZ XASUU ZBRNR MEMHM
IHIFL KQGTD NXWRX MCUHT TLZNI NYRTC QWJAP NTIMX CZXWI = =
NR 073 UK V RO1K 944131 HZ1H GR 91 = =
AR AR

VVV DE 4XZ 4XZ = =

TR AR NW QTC 1 NR 963 = =
NR 963 BQ V PK2Q 844131 DJ0Z GR 81 = =
DZDZD PTRNQ FKKGW PEKFZ TZLFW CPNNW IZZQW NJCUL CQLBZ ZBMHB
UHGBC CJEYG QYURD WHIRF LJITZ TFYTN DSNZP PTRNQ = =
NR 963 BQ V PK2Q 844131 DJ0Z GR 81 = =
DZDZD PTRNQ FKKGR PEKFZ TZLFW CPNNW IZZQW NJCHL CQLBZ ZBMSB
UHGBC CJEYO QYURD WHIRF LJITZ TFYTN DSNZP PTRNQ = =
NR 963 BQ V PK2Q 844131 DJ0Z GR 81 = =
AR AR

VVV DE 4XZ 4XZ = =

TR AR NW QTC 1 NR 863 = =
NR 863 AG V TY3G 744131 DJ2N GR 61 = =
DNDND RNHUC OTJRQ YXADP CMBDH EGXLR IQCMQ WUIOP GCXOZ HRKDX
LFDAS QBLTW DYTRT WRKXO JPJWI RNHUC = =
NR 863 AG V TY3G 744131 DJ2N GR 61 = =
DNDND RNHUC OTJRQ YXADP CMBDH EGXLR IQCMQ WUIOP GCXOZ HRKDX
LFDAS QBLTW DYTRT WRKXO JPJWI RNHUC = =
NR 863 AG V TY3G 744131 DJ2N GR 61 = =
AR AR

etc. etc.

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

6821.5 kHz, 25-10, 0732 UTC

3764 3132118 32 =
3764 3132111 34 =
3764 3132111 34 =
3764 3110355 36 =
3764 3110355 38 =
3764 3110354 40 =
3764 3110354 42 =
3764 3110353 44 =

6821.5 kHz, 26-10, 0746 UTC

1300 3192375 46 =
1300 3102360 1060 48 =
1300 3192358 1053 50 =
1300 3192353 1052 52 =
1300 3102171 1057 54 =
1300 3102186 1066 56 =
1300 3102198 58 =

M51a / M51b

3881//6825 kHz, 20-10, 1644 UTC

Non-stop 5-character groups composed of M51a messages

The spaces between the messages were inserted afterwards.

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

VXSYW JSJPO APQOI VCBSh ZXSKL NMVCB EUYSJ KLJHS VCBXH 02564
BCDFW ?+., ' LPDOU XNCBM XZSAD VCBSG NOLEP VCBSQ RYTUI MDJSI
, ' . ? / NSACQ 58401 KDOEP VMDKW LDOUA ZSWOJ BCNDH KDUEI VCNAQ
ALPCI 48932 LPOEI , / . AS VA ZAQID BBDCJ ALKSO XBCHS SJWIX BCNCJ
CMSKW CZFST 12036 SAWQD . ? = / ? ZNXJS QPLoS DHDWU XBCNS AJSWI
XETYC VNMSK AQOIW 89564 JGUYI ? / . , ' JQIAL OILPU XVAGW DHFGR
VNMEI SAHWU DDPLI CBSJW 23561 VSDWR ? . , VA ' NCPOE XBSHW SKWOP
SABWU CBEYD NBMCK SAJWU XCVWY 43692 BCHWJ . ? / AS . CXAFQ JFILH
MNLFP

CNDJE QATLD BVCNE ZMALO OWLPS SHDYE BNNXM AKQIU KFJEI 23658
VCSBS . ? , ASVA IWOEJ VXFSR 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 NCBYW 32980 NVHEI . ' , / ? AQPSL MXZNA LAPQI BCVSN SKAOQ
XMLJA SHQUX VCBSh 45873 LPFOE ' / ? + . DKWJH BCNSJ CXGAE CBNWS
+ . , / ' CAZQS 58236 FZDQH VCBHS LKOEI CXAHQ BCNDJ KSLQI NVBDH
XZKIW 25869 LMPoS . / ? ' VA ZAKLD OQPKX BVCNS MXJSI

BONJO REWTQ NAKAP BLOOD QZMAP FHRYU SLEEP ARIMA YONJF 47820
BCSMK ?VA , . / FPORE POPEW SBAVW BAVES FLRPO NVBDY LEORP LOPEY
/ . / , ' BXAHQ 87420 QAJDE BAGDA RYADS CBHEU LSPWO ADWRW XBSGW
SADAM 78903 CZAWQ , AS ' . ? CBDGW LDOEP QWADW VXBSS WUJDK XBANQ
MWOPE ADQRF 05894 XABQJ + ? . AS VA FNDJE FLAME XVWTG SHAME CNBEJ
SIZED ANDUE ZEPLI 12548 SAQWD . , ? ' ' JJFRU ASILE XVSGW ADIOS
WALTI XCWTG ALSPO XBNMK 11478 XZAYG / ' AS ? , LIUTO SFWTJ BADAM
BIPOL VAQGS BILBO FRODO PIPIN 04789 PGUTI ? . , ' = CXSEF JGRDK
LGPRK

M89 - Chinese Military

8777.2 kHz, 10-10, 0036 UTC, i.p.

VVV NR 3406/EX 0842 =

VLB7/W4YIII

VVV NR 3406/EX 0842 =

VLB7/W4YIII

VVV NR 3406/EX 0842 =

VLB7/W4Y AR SK

6543 kHz, 21-10, 1202 UTC, i.p.

VV FFF NR 381/EX 2000 =

AJ. /C3D4 AR

NR 381/EX 20 =

AJB2/..D4 AR QSY 318 VVV

FFF NR 382/EX 2003 BB

.. / N ... =

F NR 382/EX 2003 =

F2D9/N8T7 AR QSY TO 1. VVV

FF NR 383/EX 2006 =

P..SB/M9N5 AR

FF NR 383//EX 2006 =

P856/M0,, AR QSY TO 20 VVV
FF NR 384/EX 2009 =
TI.U3/T9? EEEEE =
YHU3/T2PJ AR
F NR 38./EX 2004 =
F NR 384/EX 2009 =
Y5U3/T2.. AR QSY TO 21
VVV FF NR 385/EX 2012 =
A5B7/IBE. AR
F NR 385/EX 2012 =
A5B7/IB.. AR QSY TO LW
VVV FF NR 386/EX 2015 =
O.C3/N9J8 AR
F NR 385/EX 2015 =
OBC3/N9.. AR QSY TO

5522 kHz, 31-10, 1406 UTC, i.p.

D745 5753 6UND 6UD7 653T 4AD6 ...
AR QSL ? K
R RPT 80W TO 83W K (Other station also on this frequency)
R RPT 80W TO 83 W = 5DAD ADN5 D745 5753 AR K
R QSL 2208 2208 HR WK NR ... K
R HR WK NR 103 K
RPT K
R HR WK NR 103 K
R NIL SK
R NIL SK

M95 - Chinese Military

8436 kHz, 10-10, 1108 UTC, i.p.

AQR8
FF NR 005/EX 912/UFO AR/ EEEE
FF NR 005/EX 1912 / EEEEE
F NR 005/EX 1912 =
UFO2/ZTH1 AR
F NR 005/EX 1912 =
UFO2/ZTH AR AR EEEEE
F NR 005/EX 1912 =
UFO2/ZTH1 AR
F NR 005/EX 1912 =
OPR6/AUT3 EEEEE (This portion was also sent on 7962 kHz)
F NR 005/EX 1912 = (Suspect this to be M95 related)
UFO2/ZTH1 AR QSY TO SW QSY TO SW

6558 kHz, 10-10, 0051 UTC, i.p.

NR QSL 08.. K
.. QSL 085. K
OK
RPT PBL K
O/CCK CK 19 09 1010 0818 RMKS 8937 TO 8.48 K
NR VVV 8.RD. RD DE KMMX K (Msg format indicates M95 family)
R HS2I HS2I DE AJYX K
QSL 2 K

8777 kHz, 10-10, 0104 UTC, i.p.

44DU UA37 4TU6 UU74 TTTN 3D3T ... AR
VVV NR 3407/CCK CK 73 24 1010 0900 RMKS CQ = (Msg format indicates M95 family)
U55U NUT5 4656 63T5 D64A NA33 43NN U65U 4A3N 3767 4A73 UN4T ... AR SK

4243//9054 kHz, 10-10, 1156 UTC

AR MSG AGN

NR 022 CK 50 35 1010 1521 =

5AA UTT TAT 3U6 3A4 5T7 5TD 75U 354 N3D 353 ...

AR A HR MSG GA

NR 20 CK 168 35 1010 1547 =

UTU TAT 3U6 3A4 7TU 7TA NU6 7T5 N44 736 777 76T NU3 ...

4364//8073 kHz, 10-10, 1135 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

4364//8073 kHz, 10-10, 1148 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR 7GS GA PSE CY

NR 0853 CK 594 35 1010 16UD =

TAT 3U6 3AN 3U7 TAU 773 357 37U 4T3 NN3 447 3D5 ...

5479//10722 kHz, 10-10, 1057 UTC

V YHxD (x3) DE SAQC (x2)

VVV HR 7G GA NR 024/CCK CK 199 1110 1019 RMKS CQ =

4A73 A7DN U57N 346N ...

7764 kHz, 10-10, 1102 UTC. i.p.

DFG4

FF NR 003/EX 1906 =

QBZ9/AKR5 AR

F NR 003/EX 1906 =

QBZ9/AKR5 AR

F NR 003/EX 1906 =

QBZ9/AKR5 AR

QSY 4 VVV

QSY 0024 QSY 004 VV EEE

QSY 0024 QSY TO 24 V V

7980 kHz, 10-10, 1205 UTC, i.p.

RMKS 4482 TO 0320 0072 9.33 9898 9532 8791 =

37MSU T7N= DED7 36UT A4D4 UDE74 ...

MSG NR 12/CCK CK 21 41 1000 RMKS EEEE

MSG NR 22/CCK CK 2 41 1010 2000 RMKS 4482 TO 9321 9872 9533 9898 9532 879. =

.MS7T DGENU 5DED 7 36UT ... AR

HR WK NR 470 HR WK NR 470 NIL SK NIL SK GB NIL SK GB

8690 kHz, 10-10, 1115 UTC, i.p.

R TKF2 TKF2 DE ADWF R QSA 2 QSA ? K

R IEC = 6658 AR K (Exercise related)

R IEC = 6658 AR K

R HR 7G GA K

R NR 045/CCK CK 91 54 1010 1910 RMKS 4077 TO 4094 =

ATU5 3N7A 6D34 ND6T U7NA AD5U 5T43 3U65 76DA 4D67 N476 ...

4243 kHz, 21-10, 1150 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243 kHz, 21-10, 1152 UTC, M95: CW

V HR MSG TO YR PSE CY

NR 044 CK 38 35 1021 1523 = (Sending unusually slow)

5AA UTT TUA 3U6 3A4 5T7 5TD 75U 354 ...

AR 7G AGN

NR 044 CK 38 35 1021 1523 = (Began to repeat msg, but switched to next message)

EEEE AH R7G GA

NR 42 CK 174 35 1021 1540 =

UTU TUA 3U6 3A4 TTU 773 353 373 336 ...

4364//8073 kHz, 21-10, 1141 UTC

V BNGC DE XSV85

HR MSGS GA PSE CY

NR 0..5 CK 315 35 1021 1619 =

TUA 3U6 3AN 3U7 TAU 773 353 4T3 NN3 ...

4243 kHz, 22-10, 1147 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243 kHz, 22-10, 1153 UTC, M95: CW

VV HR MSG TO YR PSE CY

NR 05 CK 25 48 1021 2000 =

DD6 ADT 77T 3A5.. 53NU6.A 3D4 3NU 6DN ...

AR MSG AGN

NR 05 CK 25 48 1021 2000 =

DD6A DT77 3A5N 6.3 N. 643N ...

AR AHR MSG GA

NR 44 CK 139 35 1022 1526 =

UTU TUU 3U. 3A4 ...

4364//8073 kHz, 22-10, 1130 UTC, V26: USB. XSV85 callup in Chinese voice. male operator

4364//8073 kHz, 22-10, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: message

4364//8073 kHz, 22-10, 1142 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)

HR 7GS GA PSE CY

NR 0910 CK 345 35 1022 1553 =

.U3 U63 AN. 3U7 TAU 773 TU5 773 353 4T3 NN3 ...

4364//8073 kHz, 24-10, 0014 UTC, XSV85 i.p.

4D6 TU7 755 TUN 773 354 373 4UT NN3 445

AR A HR 7G GA

NR 091. CK 034 051 1024 0... =

T.. .. TU4 N5. TT6 N54. 7TTT TNN..

773 TTU 773 TT. 773 TT4 773 TA5 773 TU6 773 7AN 7AD

N47 3A4 7U5 AR A HR 7G GA

NR 0918 CK 032 .5. 1024 0703 =

TA. N5. TT6 N54 7TT TTA 746 6..

9054 kHz, 30-10, 2342 UTC, V26: USB. XSV85: callup in Chinese voice

9054 kHz, 30-10, 2344 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

9054 kHz, 30-10, 2352 UTC, M95: CW

VV HR MSG TO YR PSE CY

UT5 T3A 3U4 3A4 TTA TTU TT3 773 353 U4T

354 37U N45 374 36U 336 N3D 35U 4UT TTA

773 447 TTU TT3 773 445 34T DND N34 446

4D4 N3D 4D6 3DA N3D 3DU TTA 773 3D3 AR MSG AGN

4735 kHz, 07-10, 0700 UTC

VVVVV PROMRÖ = 0710 =

1000 0640 0690 0830 1220
1200 0670 0710 0850 1250
1400 0670 0710 0850 1240
1600 0670 0710 0840 1220
1800 0660 0700 0830 1210
2000 0530 0560 0650 0910
2200 0440 0460 0520 0730
0000 0380 0400 0450 0610
0200 0370 0380 0440 0590
0400 0360 0370 0420 0570
0600 0350 0370 0430 0620
0800 0520 0590 0730 1080

= ABV

VVVVV PROMRÖ = 0710 =

1000 0640 0690 0830 1220
1200 0670 0710 0850 1250
1400 0670 0710 0850 1240
1600 0670 0710 0840 1220
1800 0660 0700 0830 1210
2000 0530 0560 0650 0910
2200 0440 0460 0520 0730
0000 0380 0400 0450 0610
0200 0370 0380 0440 0590
0400 0360 0370 0420 0570
0600 0350 0370 0430 0620
0800 0520 0590 0730 1080

= AR

4735 kHz, 20-10, 0703 UTC

VVVVV PROMRÖ = 2010 =

1000 0680 0730 0890 1330
1200 0740 0780 0940 1380
1400 0710 0760 0910 1340
1600 0720 0770 0920 1350
1800 0640 0670 0800 1150
2000 0470 0500 0580 0830
2200 0370 0390

2 minutes silence

NW AA

2200 0370 0390 0450 0620
2400 0370 0380 0430 0620
0200 0370 0380 0440 0590
0400 0370 0380 0430 0580
0600 0320 0340 0400 0580
0800 0590 0640 0790 1190

= ABV

VVVVV PROMRÖ = 2010 =

1000 0680 0730 0890 1330
1200 0740 0780 0940 1380
1400 0710 0760 0910 1340
1600 0720 0770 0920 1350
1800 0640 0670 0800 1150
2000 0470 0500 0580 0830
2200 0370 0390 0450 0620
2400 0370 0380 0430 0620
0200 0370 0380 0440 0590
0400 0370 0380 0430 0580
0600 0320 0340 0400 0580
0800 0590 0640 0790 1190

= AR

4735 kHz, 11-10, 0700 UTC

VVVVV PROMRÖ = 1110 =

1000 0670 0710 0860 1270
1200 0710 0750 0890 1310
1400 0750 0750 0890 1290
1600 0700 0740 0890 1280
1800 0680 0720 0840 1190
2000 0530 0560 0640 0910
2200 0430 0450 0520 0710
0000 0390 0400 0450 0620
0200 0390 0400 0450 0610
0400 0380 0390 0440 0600
0600 0350 0370 0430 0620
0800 0570 0620 0750 1130

= ABV

VVVVV PROMRÖ = 1110 =

1000 0670 0710 0860 1270
1200 0710 0750 0890 1310
1400 0750 0750 0890 1290
1600 0700 0740 0890 1280
1800 0680 0720 0840 1190
2000 0530 0560 0640 0910
2200 0430 0450 0520 0710
0000 0390 0400 0450 0620
0200 0390 0400 0450 0610
0400 0380 0390 0440 0600
0600 0350 0370 0430 0620
0800 0570 0620 0750 1130

= AR

4735 kHz, 22-10, 0700 UTC

VVVVV PROMRÖ = 2210 =

1000 0670 0720 0880 1320
1200 0730 0770 0940 1380
1400 0700 0750 0900 1320
1600 0710 0760 0910 1340
1800 0610 0640 0760 1110
2000 0450 0480 0560 0810
2200 0360 0370 0430 0600
0000 0360 0370 0420 0580
0200 0360 0370 0420 0580
0400 0360 0370 0420 0570
0600 0320 0330 0400 0570
0800 0590 0640 0790 1200

= ABV

VVVVV PROMRÖ = 2210 =

1000 0670 0720 0880 1320
1200 0730 0770 0940 1380
1400 0700 0750 0900 1320
1600 0710 0760 0910 1340
1800 0610 0640 0760 1110
2000 0450 0480 0560 0810
2200 0360 0370 0430 0600
0000 0360 0370 0420 0580
0200 0360 0370 0420 0580
0400 0360 0370 0420 0570
0600 0320 0330 0400 0570
0800 0590 0640 0790 1200

= AR

4735 kHz, 18-10, 0700 UTC

VVV VVV PROMRÖ = 1810 =

1000 0690 0730 0890 1320
1200 0730 0780 0930 1370
1400 0720 0760 0910 1330
1600 0720 0770 0920 1340
1800 0650 0690 0810 1160
2000 0490 0520 0600 0860
2200 0390 0410 0470 0650
0000 0380 0390 0440 0600
0200 0380 0390 0440 0600
0400 0370 0390 0440 0600
0600 0330 0350 0410 0590
0800 0590 0640 0790 1180

= ABV

VVV VVV PROMR = 1810 =

1000 0690 0730 0890 1320
1200 0730 0780 0930 1370
1400 0720 0760 0910 1330
1600 0720 0770 0920 1340
1800 0650 0690 0810 1160
2000 0490 0520 0600 0860
2200 0390 0410 0470 0650
0000 0380 0390 0440 0600
0200 0380 0390 0440 0600
0400 0370 0390 0440 0600
0600 0330 0350 0410 0590
0800 0590 0640 0790 1180

= AR

4735 kHz, 31-10, 0800 UTC

VVVV PROMRÖ = 3110 =

1000 0660 0710 0870 1310
1200 0720 0760 0920 1360
1400 0680 0720 0880 1300
1600 0680 0720 0880 1300
1800 0520 0560 0670 0990
2000 0430 0450 0530 0770
2200 0340 0360 0410 0580
2400 0350 0360 0410 0560
0200 0340 0360 0410 0560
0400 0340 0360 0410 0560
0600 0300 0320 0390 0560
0800 0580 0630 0780 1180

= ABV =

VVVVV PROMRÖ = 3110 =

1000 0660 0710 0870 1310
1200 0720 0760 0920 1360
1400 0680 0720 0880 1300
1600 0680 0720 0880 1300
1800 0520 0560 0670 0990
2000 0430 0450 0530 0770
2200 0340 0360 0410 0580
2400 0350 0360 0410 0560
0200 0340 0360 0410 0560
0400 0340 0360 0410 0560
0600 0300 0320 0390 0560
0800 0580 0630 0780 1180

= AR

PROMRÖ switched to winter time today

DIGITAL MODES

HM01 - Dirección General de Inteligencia

11434 kHz, 01-10, 1556 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 02-10, 1600 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 03-10, 1730 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 04-10, 1557 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 05-10, 1554 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 06-10, 1726 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 07-10, 1557 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
16180 kHz, 07-10, 2056 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11434 kHz, 08-10, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 09-10, 1725 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 11-10, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 12-10, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 13-10, 1600 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 14-10, 1607 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11434 kHz, 15-10, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 16-10, 1628 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11635 kHz, 17-10, 2058 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 18-10, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 19-10, 1559 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 20-10, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 21-10, 1600 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11434 kHz, 22-10, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
16180 kHz, 23-10, 2056 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 24-10, 1705 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 25-10, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
16180 kHz, 26-10, 2055 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 27-10, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 28-10, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11434 kHz, 29-10, 1555 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11435 kHz, 30-10, 1558 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)
11530 kHz, 31-10, 1712 UTC	10784 32433 27523 53823 47472 22442 (repeat of 23-09)

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

M42 – various modes

18408 kHz, 02-10, 1200 UTC, OFDM-9
16345 kHz, 04-10, 1235 UTC, OFDM-45
17420 kHz, 05-10, 0930 UTC, MFSK-66
12207 kHz, 06-10, 0856 UTC, OFDM-112
20893 kHz, 06-10, 1058 UTC, MFSK-66
13464 kHz, 06-10, 1101 UTC, MFSK-66. Modem problems
14648 kHz, 06-10, 1120 UTC, MFSK-66
17468 kHz, 11-10, 0900 UTC, MFSK-66
13540 kHz, 14-10, 1335 UTC, MFSK-66
12164 kHz, 15-10, 0825 UTC, 2x 62.5Bd QPSK

8157 kHz, 15-10, 0700 UTC, 2x 62.5Bd QPSK
8157 kHz, 15-10, 0710 UTC, 2x 62.5Bd QPSK
8157 kHz, 15-10, 0720 UTC, 2x 62.5Bd QPSK

8157 kHz, 16-10, 0700 UTC, 2x 62.5Bd QPSK
8157 kHz, 16-10, 0710 UTC, 2x 62.5Bd QPSK
8157 kHz, 16-10, 0720 UTC, 2x 62.5Bd QPSK

CFM NIL K
SK

7813 kHz not heard

7813 kHz, 02-10, 0643 UTC, CW + FSK 50/500

LKDW LKDW LKDW DE PRAT PRAT K
QSA4 QRU? K
QTC1 ZZC K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

246 100 2 0635 2456 =
246 100 2 0635 2456 =
46190 20344 46020 82241 79300 99031 16268 83065 40829 80739
33370 71510 33273 93424 45272 41703 22516 38717 40543 68035
68791 74295 56141 14303 31830 57165 87658 56838 67391 73389
15002 49921 57940 36479 05776 20168 88540 68031 13897 41426
44604 32544 50651 72772 35969 98577 51086 02208 73739 82794 =50=
60956 67761 28171 22642 41939 62250 60885 85199 62367 37949
32341 73630 16921 20147 29874 80794 65618 37678 56611 22081
49719 04627 18984 05930 73757 53230 96145 72479 79032 74057
18473 38210 25754 54588 28826 59303 06954 72640 45582 96713
07255 99416 62826 64593 74322 59845 99348 57862 43801 25439 =100=
-0649K

CFM NIL QRU? K
ZVP K
BK QRV K K
R 132 0652 K
SK

7514 kHz, 02-10, 0645 UTC, CW + FSK 50/500

PRAT PRAT PRAT DE LKDW LKDW K
QSA4 QRU? K
SLV K
BK
RPT K K
R 246 0648 K
QTC1 ZZC K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY

132 100 2 0638 9659 =
73254 13734 18175 97855 46305 05142 78406 70434 77134 53391
94327 53073 55377 64876 21863 24945 47287 77841 45906 35652
27412 85825 65209 46901 66527 88370 91291 32701 38908 80031
05682 92631 48844 76525 88417 09330 45885 71403 55370 89757
39156 96628 05490 55709 08256 77603 05173 12933 80589 70366 =50=
71043 10298 20592 38374 31646 56285 70764 47327 81570 52874
25877 73963 49681 23546 51604 63332 00439 73675 54872 39744
99254 98185 86417 92452 81458 80362 17898 86064 73654 60735
16805 80134 82289 64962 77632 46081 44137 31493 02172 16419
26412 76924 44966 57246 96027 35314 87460 51337 22160 65886 =100=
-0651=

CFM NIL SK

7514 kHz, 03-10, 0643 UTC, CW + FSK 50/500

PRAT PRAT PRAT DE LKDW LKDW K
QSA4 QRU? K
OK SLV K
BK QRV K

BK QRV K
RK
R 003 0647 K
OK QTC1 ZZC K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
144 100 4 0629 1059=
07407 72985 80682 36167 35677 15925 72300 45333 40564 11149
12516 62004 48187 48375 77698 42787 76229 40576 30330 88464
91644 68826 21798 42450 33275 08466 07368 67219 64782 47727
58061 06284 55658 49963 88528 01882 88096 79577 29372 94341
98333 84041 66292 80259 07578 70232 83493 24059 28316 67129 =50=
63167 76969 55591 63658 82275 27930 98643 03516 35369 33113
46647 75750 51211 34743 94870 76021 82783 17466 71288 52977
88176 70148 88681 26864 34185 87205 80830 93652 70274 84954
43583 22679 45597 62259 50751 93733 76794 64794 07801 84192
13940 11442 22721 54121 57664 02097 09213 40802 72123 88189 =100=
-0650=

CFM NIL SK

7813 kHz, 05-10, 0647 UTC, CW + FSK 50/500

I missed the callup
RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
247 105 5 0645 6813 =
22141 03066 14062 38502 22927 24882 96395 27896 61421 75168
49984 83227 42666 75606 71008 46973 02196 50962 52805 32535
02764 79323 14445 77699 47396 12944 96786 85102 35795 37952
53563 63587 81055 73998 48938 46566 60047 30392 19692 77856
94725 53517 98869 06786 17013 36294 24849 74568 04869 94669 =50=
41334 87543 70027 51064 73646 69902 18123 93439 37052 78982
50977 93391 44359 19377 57937 43702 57495 04642 38825 77737
54615 48362 27410 25229 65498 56400 33749 23770 63086 48045
01017 27663 26473 53111 85692 57096 21156 01963 32610 63709
58413 52536 _7411 42831 21587 77080 67954 10945 52712 92031 =100=
37807 86700 76326 1539 29608 -0648

ZVP K
BK QRV K
R 151 0651 SK

7514 kHz, 05-10, 0644 UTC, CW + FSK 50/500

PRAT PRAT PRAT DE LKDW LKDW K
QSA3 QSA? K
OK SLV K
BK QRV K
RK
R 247 0648 K
QTC1 ZZC K

RYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
151 100 5 0630 8347=
04355 78299 17315 92518 83046 73965 80550 76004 17111 11276
24473 11299 46523 57456 29954 49675 44359 66346 81742 38137
95227 04806 15539 33276 71442 27889 42878 31704 15236 41121
64659 91295 14566 24750 78002 02731 79922 87569 01705 52083
81353 50114 08222 21446 35811 16307 26587 35012 96885 21771 =50=
33738 66014 97833 39341 36924 64221 93983 17967 61778 06342
80553 27100 62621 24995 57260 76045 58014 77990 47453 77314
35688 09595 89448 48789 58277 35094 56469 96469 85106 45908
44428 71493 04186 42436 31010 66999 71082 76350 88974 82649
24435 23967 44930 97710 10375 51386 72346 79521 15375 84333 =100=

CFM NIL SK

QTC1 ZZC K

-0650=

QTC1 ZZC K

88024 07680 16036 -0648 K

SK

CFM NIL K

7514 kHz, 07-10, 0644 UTC, CW + FSK 50/500

PRAT PRAT PRAT DE LKDW LKDW K

QSA4 QRU? K

SLV K

BK K

R 840 0647 K

RYRYRRYRYRYRYRRYRYRYRRYRYRYRRYRYRYRY

87899 04593 39295 48408 42252 99756 82589 07365 79332 50873
13701 66563 66522 20028 26864 99452 50643 99907 58890 94930
00095 45206 25812 11943 17802 70475 79556 42194 55389 49883
11776 46835 50743 68331 49492 80126 83350 64866 67669 09141
96411 68255 78399 49127 85695 39742 01425 35187 99105 35480 =50=
41745 24480 95866 22966 34717 02774 14394 57159 78080 95400
45379 81389 84556 47611 77987 26807 89485 33206 52554 50063
69997 11366 44508 16387 15429 45646 10345 19418 20593 51220
87810 44340 66177 93356 48299 62907 59564 24933 95632 06810
21493 40849 44275 05827 58571 90840 79141 10072 19394 39509 =100=
-0649=

CFM NIL K

7514 kHz, 08-10, 0646 UTC, CW + FSK 50/500, i.p.

R 302 0647 K

QTC1 ZZC K

RYV

172 100 8 0639 2607=
33368 22051 45200 55738 44116 64543 14923 82751 40119 01491
13278 99450 05879 57213 06836 96698 20531 92621 68977 59061
07949 99881 56650 16239 45521 57295 89165 69557 65974 21034
68821 80870 88638 21131 66856 28821 01069 07482 56228 05788
96934 94769 33650 68012 10530 19198 00721 33243 18584 09186 =50=
04879 46123 90384 14076 71177 79254 48194 50646 13930 69271
01748 62200 46908 02457 94365 66186 21993 61388 28585 20447
59596 35988 92450 46596 87403 94471 67164 33148 28170 01901
41949 68474 62685 19652 25260 73030 60845 28093 39061 93772
65920 70236 26957 61536 53155 60871 64136 52875 86091 89350 =100=
-0650=

NIL SK

7813 kHz, 08-10, 0646 UTC, CW + FSK 50/500, i.p.

..... 489 96401 88888 43751 22402 75463
32352 84489 64216 03150 93098 61399 37859 13553 39024 29206 =50=
66283 09123 83005 85563 63612 26043 18664 12218 58251 02557
76734 02980 30079 62341 09541 32611 72731 17089 35138 20274
13756 64936 98064 41925 41540 26286 88287 98854 22426 04997
69280 48824 42207 47103 67242 30773 68462 76960 66178 86213
80518 48513 02731 82699 13447 37900 43786 83478 79844 78889 =100=
03683 70427 91717 48750 25270 81307 11149 17827 44484 79315
72462 64696 66323 -0648K

CFM NIL QRU? k

ZVP K

BK QRV K K

R 172 0651 K

SK

QTC1 ZZC K

-0651 K

NIL SK

QTC1 ZZC K

-0652=

CFM NIL SK

BK ORV K

43246 20237 17842 92876 84452 85315 29940 90798 82218 02426

CFM NIL QRU? K K

7514 kHz not heard

LKDW LKDW LKDW DE PRAT PRAT K
LKDW LKDW LKDW
QSA4 QTC1 ZZC K

CFM NIL QRU? K
ZVP K
BK QRV K K
R 194 0651 K
SK

PRAT PRAT PRAT DE LKDW LKDW K
BK QSA4 QRU? K
SLV K
BK QRV K K
R 404 0648 K
QTC1 ZZC ZVP SLD K

CFM NIL SK

QTC1 ZZC K

05479 29793 16495 48084 01750 -0651K

SK

QTC1 ZZC K

07715 23817 78426 78648 77860 96308 99086 08606 90694 82337

29817 68110 51992 64603 27846 22914 18814 16044 90808 99989
58924 05385 76108 50342 54391 44582 87900 19441 75517 94034
55689 69152 19767 00926 70668 97977 29259 11123 76389 04230 =100=
-0656=

CFM NIL SK

They clearly had problems hearing each other. Probably because of a nearby massive radar interference. Both stations repeated RY's for minutes before they could send their messages.

7813 kHz, 14-10, 0645 UTC, CW

LKDW LKDW LKDW DE PRAT PRAT K (repeated)

Faded. Too weak to copy

7514 kHz, 14-10, 0646 UTC, CW + FSK 50/500

PRAT PRAT PRAT DE LKDW LKDW K

QSA4 QRU? K

ZVP K

BK BK QRV K

RK

R 601 0649 K

QTC1 ZZC ZVP SLD K

RYRYRYRYRYRYRYRY

215 100 14 0645 4782=

56321 52486 16859 83634 83180 39808 30349 43994 27594 50789
96665 61911 20243 90388 20545 88324 20475 88005 47551 25357
16879 30388 14698 27657 76259 80374 32864 77427 45679 47546
92381 58759 51919 77007 38224 95930 47134 92180 30455 17539
45830 08037 01708 48282 38210 50299 91918 88132 72503 55334 =50=
38265 22370 71743 88992 91083 52018 98005 21193 97402 26853
10190 04654 70119 47587 73928 16337 50616 89171 26002 30676
29831 65859 58584 21837 46378 06873 55864 38919 73268 41311
05164 56801 55540 03907 23929 10499 72644 29419 89043 63717
88687 86870 21829 43392 07823 69543 27297 23510 07821 38271 =100=
-0651=

CFM NIL SK

7514 kHz, 15-10, 0646 UTC, CW + FSK 50/500

PRAT PRAT PRAT DE LKDW LKDW K

QSA4 QRU? K

SLV K

BK RPT K

RK

R 148 0549 K

QTC1 ZZC K

RYRYRYRYRYRYRYRY

222 100 15 0627 4392=

94246 75937 15748 09501 78345 28127 09861 60073 16247 33626
99632 27288 05214 34090 37254 41771 61120 96635 93514 64792
62251 16542 96762 00971 79524 89411 82542 11725 14062 10397
05474 56984 25752 80456 26389 77077 40145 74980 03472 66742
67228 69219 93666 53111 96912 29207 65294 23500 01021 35192 =50=
51134 81023 94022 75739 97690 74828 46665 17361 07238 26612
56862 04681 35325 13528 70167 26146 83899 81487 84214 26075
75753 00051 99220 48757 25166 44238 67047 80769 31695 20277
48836 15953 04383 80422 13373 31001 43516 64520 79767 08036
16414 15408 75928 86459 64552 21732 92148 98520 47574 14881 =100=
-0652=

CFM NIL SK

CFM NIL K
SK

CFM NIL QRU? K
SLV K
BK K
R 305 0645 K
SK

VVV
LKDW LKDW LKDW DE PRAT PRAT K (repeated)
QSA4 QSA? K
QTC1 ZZC K

CFM NIL QRU? K
ZVP K
BK QRV K K
R 003 0653 K
SK

PRAT PRAT PRAT DE LKDW LKDW K
QSA4 QRU? K
SLV K
BK RPT K K
R 602 0549 K
QTC1 ZZC K

CFM NIL SK

LKDW LKDW LKDW DE PRAT PRAT K (repeated)
QSA4 QSA? K
QTC1 ZZC K

57

CFM NIL QRU? K
ZVP K
BK QRV K K
R 007 0645 K
SK

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
335 105 23 0645 9162 =
76556 07953 38336 89142 96912 09072 28669 51471 05903 27796
66993 79027 15298 70454 48357 85731 40780 99588 07510 70396
90561 91151 65725 58091 35426 55905 57754 71768 75017 97489
91902 78242 20926 69500 91195 06274 08888 02622 69108 60526
07962 26891 52142 19746 26436 56547 19448 60314 41771 59928 =50=
09968 21025 81771 38939 36349 69558 22532 90509 71806 20068
24190 71862 60664 12393 20392 70484 79657 95542 47766 27086
51085 61419 92489 48478 16654 64135 42780 59845 34754 11454
35693 50496 62175 29840 31714 44177 55996 10116 12865 35722
91063 99579 83737 92939 83558 57387 18965 54703 26108 62335 =100=
51647 32359 82837 24090 42820 -0649

CFM NIL QRU? K
ZVP K
BK QRV K
K
R 009 0652 K
NIL K
SK

RYYRYRYRYRYRYRYRY
009 100 23 0642 7614=
44713 13756 02470 33702 80653 98550 92077 62351 47169 80778
77436 74003 88836 98725 58129 74881 23654 91706 77164 91331
22965 66127 63825 89329 52117 56420 46482 74133 14188 48044
53733 78202 37947 48688 07294 26711 71245 76843 66493 46861
34900 41896 55702 06962 81122 46171 67991 02350 40749 01344 =50=
23165 46569 70230 96325 75141 37313 69973 47418 83481 75563
40471 55418 58752 81092 37533 05399 06686 04079 13841 71429

CFM NIL K
SK

LKDW LKDW LKDW DE PRAT PRAT K
QSA4 QSA? K
QTC1 ZZC K

2842 100 24 0620 1965=
63606 98112 94310 36211 82569 84405 66972 04420 47155 32635
43477 81164 21439 10733 19133 26458 47838 37917 18866 43101
53744 18275 46778 76058 61482 90936 02741 53592 20807 17312
33780 40852 11201 62037 95456 04846 92666 47679 65366 02390
90383 18763 21013 58413 55834 65013 57096 10876 96211 88794 =50=
21973 44215 45675 65972 01639 70653 81790 23539 99023 27579
38785 56233 42418 83855 67253 89189 85991 43786 85782 04788
85436 63090 64823 59949 96969 34475 72888 75120 41936 15493
79824 89481 87217 65592 89626 91421 88179 96996 36223 19569
36342 70850 38860 94517 48981 10752 45615 20744 02472 35772 =100=
-0648K

ZVP K
BK QRV K
K
R 010 0652 K
NIL K
SK

PRAT PRAT PRAT DE LKDW LKDW K
QSA4 QRU? K
SLV K
BK K
R 842 0647 K
OTC1 ZZC K

010 100 24 0632 2738=
53469 90847 49785 23925 14141 54292 43268 58832 28053 61511
30589 03249 15514 76141 83356 94062 71266 91734 77768 96197
21680 68666 46900 34561 97045 09846 82079 07020 01421 37256
15503 11464 18408 34207 49199 92735 31283 08930 62933 91486
56361 70704 79582 21172 77454 75256 83781 94959 99693 88122 =50=
76130 29995 09690 10981 29874 21648 56409 28263 23530 26775
09480 24366 73004 68813 65646 47639 88438 43136 60835 77573
54934 05023 12478 38436 22871 13949 66839 99959 90122 69573
11399 70607 56932 79333 30316 26008 03366 08547 29691 70479
55319 47657 32157 01511 67613 34595 93489 17384 01633 97906 =100=
-0650=

SK SK

QTC1 ZZC K

-0651K

NIL SK

QTC1 ZZV K

-0653=

CFM NIL SK

QTC1 ZZC K

80612 17978 99674 59145 70962 93740 59395 30922 98567 61219

CFM NIL QRU> K
ZVP K
BK QRV K
K
R 014 0651 K
NIL SK

PRAT PRAT PRAT DE LKDW LKDW K
QSA4 QRU? K
SLV K
BK K
R 737 0648 K
QTC1 ZZC K

CFM NIL SK

LKDW LKDW LKDW DE PRAT PRAT K
QSA4 QSA? K
QTC1 ZZC K

CFM NIL QRU? K
ZVP K
BK QRV K
R 016 0653 K
SK

04612 75903 44415 93424 42009 40313 92359 02777 81324 92829
48673 10102 77042 50026 49766 97837 88615 91470 31821 66018
25997 45670 86151 37542 67142 27112 37081 46104 69958 68585
18462 82301 91116 52571 00536 27554 61908 32374 13231 17233
56617 63700 87316 36704 76591 89395 93054 90989 87490 73327 =50=
90672 82646 60042 01124 98654 51511 79246 89150 12597 92285
87536 44087 09503 51701 56167 21604 18645 92236 35328 02838
89789 58324 48128 94493 64729 52722 47811 25889 34765 81068
15904 26647 65720 61234 66791 41911 33664 46240 50487 51554
47820 77057 04296 42795 69729 65951 72122 30677 81326 10702 =100=
-0650=

CFM NIL SK

5223 / 5741 kHz

5223 kHz, 01-10, 0818 UTC, CW

BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)

Nothing else heard

5741 kHz not heard

5223 kHz, 02-10, 0812 UTC, CW

VVV VVV VVV (repeated till 0826z). Nothing else heard

5741 kHz, 02-10, 0820 UTC, CW

VVV MRLC MRLC MRLC DE BZTJ BZTJ K

Nothing else heard

5223 kHz, 04-10, 0820 UTC, CW

BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)

QSA NO QSY 21427 QSY 21427 K

BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)

5741 kHz not heard

5741 kHz, 05-10, 0821 UTC, CW

MRLC MRLC MRLC DE BZTJ BZTJ K

MRLC MRLC MRLC DE BZTJ BZTJ K

MRLC MRLC MRLC DE BZTJ BZTJ K

Nothing else heard

5223 kHz not heard

5223 kHz, 06-10, 0821 UTC, CW

BZTJ BZTJ BZTJ DE MRLC MRLC K

VV M T BZTJ DE MRLC K

BZTJ BZTJ BZTJ

BK BK BK QSA4 QSA? K

QSA4 QSA? K

BZTJ BZTJ BZTJ DE MR

BK BK

QSA4 QSA? K

VVVVVVV BZTJ BZTJ BZTJ DE MRLC MRLC K

BZTJ BZTJ BZTJ DE MRLC MRLC K

QSA4 QSA? K

5741 kHz, 06-10, 0824 UTC, CW

MRLC MRLC MRLC DE BZTJ BZTJ K (repeated)
BZTJ (nothing else)

5223 kHz, 07-10, 0820 UTC, CW

BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)
QSA3 QSA? K
BK BK BK BK BK QSA3 QSA? K
QSA3 QSA? K
BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)
RPT K
BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)

5741 kHz, 07-10, 0822 UTC, CW

MRLC MRLC MRLC DE BZTJ BZTJ K (repeated)
VVV
QSY 67456 K
QSY 67456 K
MRLC MRLC MRLC DE BZTJ BZTJ K

5223 kHz, 08-10, 0812 UTC, CW

VVV VVV VVV VVV VVV
BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)
QSA NO QSY 29786 QSY 29786 K
BZTJ BZTJ BZTJ DE MRLC MRLC K
BZTJ BZTJ BZTJ DE MRLC MRLC K

5741 kHz, 08-10, 0825 UTC, CW

MRLC MRLC MRLC DE BZTJ BZTJ K
QSA3 QSA? K
RPT K
RPT K

5741 kHz, 11-10, 0821 UTC, CW

VVVV VVV
MRLC MRLC MRLC DE BZTJ BZTJ K (repeated)
Nothing else heard

5223 kHz not heard

5223 kHz, 14-10, 0823 UTC, CW

BZTJ BZTJ BZTJ DE MRLC MRLC K
QSA4 QSA? K
QTC2 ZTH K
QRV? K
NW = 89 3100 K
NW = 89 430 K
CFM NIL QRU? K
QRV K
R 490 K
R 49108 3300 K
NIL SK

5741 kHz, 14-10, 0822 UTC, CW

MRLC MRLC MRLC DE BZTJ BZTJ K (repeated)
QSA3 QRU? K
OK QRV K
R 8940 824 K
QTC2 ZTH QRV? K

NW = 490 100 K
NW = 491 30 K
CFM NIL SK

5223 kHz, 15-10, 0819 UTC, CW

BZTJ BZTJ BZTJ DE MRLC MRLC K
QSA4 QSA? K
QTC1 ZTH K
NW = 899 100 K
NW 602 030 K
R 397 0828 K
SK

5741 kHz, 15-10, 0822 UTC, CW

i.p. 7 30 K
CFM NIL K
SK

5741 kHz, 18-10, 0828 UTC, CW

MRLC MRLC MRLC DE BZTJ BZTJ K (repeated)
Nothing else heard

5223 kHz, 18-10, 0829 UTC, CW

BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)
QSA NO QSY 21412 QSY 12412 K
VVV VVV BZTJ BZTJ BZTJ DE MRLC MRLC K

5223 kHz, 20-10, 0830 UTC, CW

BZTJ BZTJ BZTJ DE MRLC MRLC K
Nothing else heard

5741 kHz, 20-10, 0824 UTC, CW

VVV MRLC MRLC MRLC DE BZTJ BZTJ K (repeated)
Nothing else heard

5223 kHz, 21-10, 0823 UTC , CW

BZTJ BZTJ BZTJ DE MRLC MRLC K
QSA4 QSA? K
QTC2 ZTH QRV? K
NW = 9890
NW = 9903 K
QRV K
BK R 530 0828 K
NIL SK

5741 kHz, 21-10, 0823 UTC, CW

VVV MRLC MRLC MRLC DE BZTJ BZTJ K (repeated)
QSA4 QRU? K
OK QRV K
R 989 0825 K
QTC2 ZTH QRV K
R 990 0826 K
NW = 439 30 K
CFM NIL SK

VVV BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)
QSY 29787 QSY 29787 K
BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)
Nothing else heard

BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)
QSY 75338 QSY 75428 K

5741 kHz not heard

10222 kHz

QTC1 ZZC SLD K

06427 53817 95360 72332 85471 48362 34791 84371 84300 73491 =100=

SK

SLD K

QTC1 K QTC1 K QTC1 K QTC1 K
RK
QTC1 K
VVV QSA4 QSA? K
RPT
QTC1 CFM NIL QRU? K
BK BK QRV K
RK
R 286 0928 K
NIL K
RPT K
SK

KO3W KO3W KO3W DE 4NRG 4NRG
BK BK QSA4 QSA? K
OTC1 ZZC SLD K

CFM NIL QRU? K
ZVP SLV K
BK BK QRU K
RK
R 287 0919 K
NIL SK

VVV VVV 4KWS 4KWS 4KWS DE 9TKW 9TKW K
4KWS 4KWS 4KWS DE 9TKW 9TKW K
QSA4 QSA? K
QTC1 ZZC SLD K

71

CFM NIL QRU? K
SLV K
BK BK QRV K
RK RK
R 288 0922 K
NIL K
SK

KP4W KP4W KP4W DE GRT5 GRT5 k
 QSA4 QSA? K
 QSA4 QSA? K
 QSA4 QSA? K
 ZZC K

CFM NIL QRU? K
ZC. (rest unreadable)

No callup
VVVV BK BK
QSA4 QSA? K
QTC1 ZZC K

CFM NIL QRU? K
ZZV ZVP K
BK BK QRV K
RK
R 292 0918 K
NIL SK

WK3P WK3P WK3P DE M2PN M2PN K
BK BK QSA4 QSA? K

293 100 07 0900 8743 =

81836 28840 90162 74381 38946 83714 94003 84715 40981 53525

83922 46109 74109 90036 84173 16285 94003 74183 38194 83914

93813 50056 61834 80471 46173 18376 92880 17364 18376 04923

93817 46182 04387 27803 84367 12894 64395 61278 13740 46893

17079 83473 80912 75832 50931 84750 74132 82193 83194 73610 =50=

23654 87236 09421 09538 83244 74835 90823 37843 89324 89236

89734 49583 98732 87430 85473 98723 95839 59817 81932 73491

93204 83742 89345 73619 84719 84730 47281 50983 58374 09388

93877 27381 87239 57462 85499 67392 13840 37845 56751 48350

06427 53817 95360 72332 85471 48362 34791 84371 84300 73491 =100=

10222 kHz, 08-10, 0907 UTC, CW + FSK 50/500

R Y R Y R Y R Y R Y R Y R Y R Y R Y

294 100 08 0900 7623 =
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
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=

10222 kHz, 09-10, 0914 UTC, CW + FSK 50/1000

V BK BK QSA4 QSA? K
QSA4 QSA? K
QTC1 ZZC K

R Y R Y R Y R Y R Y R Y R Y

73

CFM NIL QRU? K
ZZC ZVP K
ZZC ZVP K
BK BK QRV K
RK
R 296 0922 K
NL SK

CFM NIL QRU? K
SLV K
BK BK QRV K
RK
R 107 0926 K
NIL K
SK

4KWS 4KWS 4KWS DE 9TKW 9TKW K
BK QSA4 QSA? K
QTC1 ZZC K

306 100 18 0900 7668 =
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 88699 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
82099 35467 75199 39041 52817 62008 39338 46394 37461 47184 =100=

CFM NIL QRU? K
ZVP SLV K
BK BK QRV K
RK
R 308 0918 K
NIL K

KP4W KP4W KP4W DE GRT5 GRT5 K
 QSA4 QRU? K
 SLV K
 BK BK QRV K
 RK
 R 310 0915 K
 R 310 0915 K
 QTC1 ZZC QSL BK

CFM NIL K
SK

VV
N1RK N1RK N1RK DE 3PRK 3PRK K
QSA4 QSA? K
SLV K
BK BK QRV K
RK
R 311 0914 K
QTC1 ZZC SLD K

CFM NIL K
SK

CFM NIL QRU? K
SLV K
BK BK QRV K
RK
R 31592 K
SK

QRV K
R 316 0920 K
NIL SK

VV BK BK M QSA4 QSA? K
QTC1 ZZC K

318 100 26 0900 7421 =
81836 28840 90162 74381 38946 83714 94003 84715 40981 53525
83922 46109 74109 90036 84173 16285 94003 74183 38194 83914
93813 50056 61834 80471 46173 18376 92880 17364 18376 04923
93817 46182 04387 27803 84367 12894 64395 61278 13740 46893
17079 83473 80912 75832 50938 84750 74132 82193 83194 73610 =50=
23654 87236 09421 09538 83244 74835 90823 37843 89324 89236
89734 49583 98732 74300 85473 98723 95839 59817 81932 73491
93204 83742 89345 73619 84719 84730 47281 50983 58374 09388
93887 27381 87239 57462 85499 67392 13840 37845 56751 48350
06427 53817 95360 72332 85471 48362 34791 84371 84300 73491 =100=

ZVP K
ZVP K
ZVP K
ZVP K
BK BK QRV K
RK
R 311 0920 K
NIL SK

3PWK 3PWK 3PWK DE M2PN M2PN K
QSA4 QSA? K
QTC1 K

320 100 28 0830 4757 =
 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 95876 33450 83341 09339 15134 65133 21136
 74921 80896 55479 66192 47712 67858 94530 86206 13104 16975
 21906 41596 64177 82199 79372 59464 03752 26265 39664 21920
 32455 94201 46047 02202 39736 98243 69333 76740 73871 76381 =100=

ZZC ZVP K
BK BK
RPT PBL K
R 321 0910 K
NIL SK

3NRT 3NRT 3NRT DE GRP2 GRP2 K
BK BK QSA4 QSA? K
QSA4 QSA? K
QTC1 K
RPT K
SLD K

RYYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRYRY
321 100 29 0830 5409 =
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 89452 73527 41388 01090 69497 96503 01076 51233
95783 26185 27137 84847 75073 40818 74952 78961 94254 __53 =50=
02466 80408 47972 33358 79876 86292 85831 08031 64291 77580
43740 48793 22422 90874 33450 87341 09339 75_34 45133 21136
74921 80896 55479 66192 47712 67858 94530 86206 13104 16975
21906 41596 64266 04999 79372 59464 03752 27_65 39646 42152
32455 94201 46047 02202 39736 98243 69333 76740 73871 76381 =100=

RK
 CFM NIL QRU? K
 SK XK K
 R 322 0921
 BK
 NIL K
 NIL K
 SK

1PNR 1PNR 1PNR DE NM5K NM5K K
QSA4 QRU? K
RPT K
SLV K
BK BK BK
RPT BK K
R 323 0917 K
QTC1 ZZC K

RYYRY
322 100 30 900 3901 =
56190 51956 78312 67943 67983 61390 61346 78432 09505 95043
45893 89168 94319 51905 42849 04187 41805 95310 61947 82956
71094 56218 41097 51849 51298 65883 51835 09216 79327 89620
58931 96424 62872 94625 72945 61987 51679 18349 01537 03526
67932 51856 89032 51867 61954 73933 67314 81375 09067 41789 =50=
68934 71368 83216 67908 52156 93167 90432 76346 12345 54321
09876 12345 67890 54321 12345 09876 76521 90312 84729 67213
09876 12345 09876 5432 (stopped)

CFM NIL K
SK SK

KO3W KO3W KO3W DE 4NRG 4NRG K (repeated)
Nothing else

13922 kHz

13922 kHz is a poorly chosen frequency with lots of interference from a broadcasting station. M42b often changes frequency because they are not heard.

VVV VVV VVV
S5W8 S5W8 S5W8 DE MB2W MB2W K
BK QSA3 QSA? K
OK QSW 29533 K

5NT8 5NT8 5NT8 DE OJ8K OJ8K K
BK BK QSA3 QSA? K
BK BK BK BK BK BK QSA3 QSA? K
BK BK BK BK BK BK QSA3 QSA? K
QSA3 QSA? K
OK QSW 52539 K

13922 04-10-2021 0800 M42b CW
K9M1 K9M1 K9M1 DE WSE8 WSE8 K
BK BK QSA3 QSA? K
OK QSW 96035 K

FP17 FP17 FP17 DE PR5N PR5N K
 FP17 FP17 FP17 DE PR5N PR5N K
 FP17 FP17 FP17 DE PR5N PR5N K
 QSA4 QSA? K
 OK AS 1 K
 QSW 75539 K

MG40 MG40 MG40 DE AE2N AE2N K
OK QSW 54359 QSW 54359 K

[illegible]

CFM QRU? K
OK ZZC K

13922 kHz, 09-10, 0800 UTC, CW
G1DE G1DE G1DE DE FA3C FA3C K
OK QSW 03122 K

CFM QRU? K
OK ZTH K
R 121 0806
NIL SK

13922 kHz, 06-10, 0757 UTC, CW
VVV PVS7 PVS7 PVS7 DE DVY7 DVY7 K
PVS7 PVS7 PVS7
QSA3 QSA? K
OK QSW 75216 K

13922 kHz, 14-10, 0800 UTC, CW + FSK 50/500

CB6R CB6R CB6R DE VZE6 VZE6 K

QSA4 QSA? K

QTC1 ZZC ZVP SLD K

RYRYRY RYRYRY RYRYRY RYRYRY RYRYRY RYRYRY RYRYRY RYRYRY

245 100 14 0800 7654=

245 100 14 0800 7654=

245 100 14 0800 7654=

245 100 14 0800 7654=

245 100 14 0800 7654=

245 100 14 0800 7654=

67589 04216 15969 66218 02687 40213 40090 11442 27015 99431

25303 14338 89099 00246 76570 16172 29782 39684 67368 48872

76123 35142 39437 66844 21379 14823 29953 28135 39492 37012

45584 61843 19224 84390 04166 39332 79749 11127 45698 17448

66472 00345 51526 65977 62531 34090 86643 05639 30204 07916

=50=

98841 19730 73658 27300 45286 61572 16222 35329 41206 04356

59270 83151 36980 41676 51774 40095 77594 59084 33241 38598

14183 74384 97368 73791 34471 80131 94712 10960 57785 57847

19387 66989 17580 91388 33711 38933 85233 10118 02772 86415

44837 26610 11554 07418 23200 40603 36940 96659 88053 65218

=100=

-0804K

CFM QRU? K

OK ZTH K

13922 kHz, 15-10, 0759 UTC, CW + FSK 50/500

MYaV5 MYaV5 MYaV5 DE 1ELM 1ELM K

BK BK QSA3 QSA? K

QTC1 ZZC ZVP SLD K

QTC1 ZZC ZVP SLD K

(starts RTTY) RYRYRY RYRYRY RYRYRY RYRYRY

(stops because the other side wants to communicate in CW)

OK ZTH K = ZTH? K

= = NW 255 10015 08007 897 K

= = NW 255 10015 08007 897 K

CFM NIL QRU? K

OK ZTH K

R 7130 3793 0909 K

NIL K

13922 kHz, 16-10, 0801 M42b CW + FSK 200/500, i.p.

RYRYRY RYRYRY RYRYRY RYRYRY

256 100 16 0800 7656=

256 100 16 0800 7656=

256 100 16 0800 7656=

256 100 16 0800 7656=

OK QSW 32798 K

QSW 32798 K

13922 kHz, 10-10, 0800 UTC, CW

I1TH I1TH I1TH DE L92V L92V K

QSA3 QSA? K

OK QSW 97080 K

13922 kHz, 18-10, 0758 UTC, CW + FSK 50/500

VVVV KA9M KA9M KA9M DE GIBO OK QSW 62355 K
F8PW F8PW F8PW DE PG67 PG67 K
QSA4 QSA? K
QTC1 ZZC ZVP SLD K

RYRYRY RYRYRY RYRYRY RYRYRY

258 100 18 0800 5745=

97063 82290 73606 94271 50824 15527 74490 98249 21403 00725
19192 62715 40100 11035 98830 25299 42852 01675 33545 75791
28113 13064 90705 10970 63537 11380 60173 60896 30820 63352
51504 53703 06635 99588 43145 10045 41802 57727 12375 86756
71986 62668 41023 49012 92629 42837 42943 70539 39234 77391
=50=

78340 50435 19725 09675 71496 88647 71527 77712 44249 94852
54525 12376 06879 54857 39255 16012 49751 42570 20807 77462
39476 98212 67356 61118 33815 69527 95833 65308 77604 46570
50542 12166 05181 66806 89560 93860 04168 39267 08418 50450
06962 17526 82090 04920 62815 88526 72290 60024 60961 96590
=100=

-0803

OK QSW 60868 K

OK QSW 60868 K

13922 kHz, 19-10, 0800 UTC, CW

IC8U IC8U IC8U DE K9VE K9VE K
BK BK QSA3 QSA? K
QTC1 ZZC ZVP SLD K
OK QSW 31034
QSW 31034 K

13922 kHz, 20-10, 0802 UTC, CW

VVV XJI1 XJI1 XJI1 DE P39K
XJI1 XJI1 XJI1 DE 2YaNH 2YaNH K
XJI1 XJI1 XJI1 DE 2YaNH 2YaNH K
6JI1 6JI1 6JI1 DE 2YaNH 2YaNH K
6JI1 6JI1 6JI1
6JI1 6JI1 6JI1 DE 2YaNH 2YaNH K
BK BK QSA3 QSA? K

13922 kHz, 21-10, 0800 UTC, CW

1EZP 1EZP 1EZP DE YH4Z YH4Z K
QSA4 QSA? K
BK OK QSW 93824 QSW 93824 K

13922 kHz, 22-10, 0801 UTC, CW

2B8Y 2B8Y 2B8Y DE A3PJ A3PJ K
RPT K
OK QSW 30803 K

13922 kHz, 23-10, 0800 UTC

WX2A WX2A WX2A DE SX65 SX65 K (repeated)
QSA3 QSA? K
BK BK BK BK BK
QSA3 QSA? K
WX2A WX2A WX2A DE SX65 SX65 K (repeated)
QSA3 QSA? K

QSW 300
OK QSW 72051 QSW 72051 K

13922 kHz, 24-10, 0800 UTC, CW
S5W8 S5W8 S5W8 DE MB8W MB8W K
QSA4 QSA? K
OK QSW 82891 K

13922 kHz, 21-10, 0759 UTC, CW
X46B X46B X46B DE 3LSG 3LSG K
QSA4 QSA? K
OK QSW 85847 K

13922 kHz, 22-10, 0801 UTC, CW
M4YaO M4YaO M4YaO DE FB9N FB9N K
QSA3 QSA? K
BK OK QSW 92409 QSW 92409 K
OK QSW 92409 K

13922 kHz, 30-10, 0800 UTC, CW
K3AG K3AG K3AG DE 6P7D 6P7D K
OK QSW 76837 K

Other M41b nets

10252 kHz, 10-10, 0019 UTC, CW + FSK 50/500
CFM K
QSA4 QTC2 ZZC K
AS
Switched to FSK 50/500
QSW 56300 K

12091 kHz, 25-10, 1230 UTC, CW + FSK 50/500, i.p.

_____ 13760 33396 71064 08663
05289 78286 46140 89578 26390 06347 06590 85203 48638 75256
79616 98491 23440 49115 23633 67719 48524 84112 23890 72523
51049 42208 _____ 133L0 32969 09835 73695 37673 =50=
56375 71212 60137 76720 41360 37060 73468 10469 78017 55894
27223 54221 92634 41662 43739 09124 91680 39033 29906 74782
98070 07268 25610 1908_ 1512 64498 01075 66124 59834 80597
51885 22795 89555 56273 62009 34821 64753 39025 05051 73504
61956 23360 20429 11113 15328 37271 00883 97247 36836 02847 =100=
-1233 K

CFM NIL QRU? K
ZVP K
BK QRV K K

12155 kHz, 25-10, 0633 UTC, CW
11100 30109 85249 25182 01009 = CFM NIL SK

F01 – FSK 200/500

11136/9074/7723 kHz, 06-10, 1840/1850/1900 UTC
Null message: 5761 00000 +++++ +++++

11129/9082/7344 kHz, 01-10, 1015/1025/1035 UTC

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

11129/9082/7344 kHz, 04-10, 1015/1025/1035 UTC

37460 37267 36090 92951 34946 78201 10162 19572 95741 52591
 93829 94852 48547 57131 11566 21107 79712 72469 86112 84586
 58156 06558 49001 76806 85777 65446 88274 01920 78038 74958
 50603 56053 04414 01681 39989 89557 43388 46706 80230 88103
 31696 10571 33352 33567 12479 52813 91175 30633 12069 94612
 82220 10062 00059 37917 61128 44550 12372 99523 72793 38130
 41999 83530 08385 75043 27109 40607 95453 39017 91196 87525
 89308 38893 14979 85368 57849 01548 44716 99882 77041 18020
 66641 92384 79229 53814 02195 14681 21464 59291 03745 06421
 66036 41101 55485 18337 90409 80580 09198 09796 68733 10067
 09559 94102 92121 83062 88693 30001 19896 99172 34650 82800
 78964 69778 63485 03568 53544 35363 49658 99823 32389 70434
 94404 96182 05734 36992 36793 08372 29136 72455 37140 79058
 96387 23009 87476 48945 88705 58294 28756 61545 92380 28384
 79485 25090 02062 48984 05471 80003 51880 25789 85358 45384
 41595 53941 51675 42919 49931 53525 12036 21687 52335 27025
 80212 32270 85288 49705 71763 23624 24410 28834 43893 61141
 68504 92684 84239 89335 46758 95271 78276 87599 91267 47737
 10014 92464 42087 12341 75689 84801 76985 19985 15135 65400
 83089 97204 90501 67366 12621 13582 67046 78771 89895 85490
 75646 73992 61780 97140 61742 77186 08794 24840 50398 06323
 59046 75413 82159 71227 72185 74721 99394 24063 85564 67218
 87825 85690 39795 12477 02908 96348 25883 89625 35764 64081
 21138 45633 98367 09363 06034 48380 32635 29352 79222 30451
 73142 30204 12870 34586 18138 00899 15518 96734 88549 27000
 94652 27636 79658 67799 36162 78882 35143 45277 42885 04387
 98168 18311 99422 53195 19224 40581 55403 54594 25373 25606
 44407 81427 80625 67337 80705 02589 92108 89766 01029 60595
 41727 23971 43542 35209 47993 36032 81209 79027 87732 54278
 51750 35978 32324 69281 51348 78673 78192 05037 84340 25535
 76223 84782 86026 23657 89780 39877 60832 08314 36042 35184
 02974 75079 90309 09399 91840 25473 58003 53754 79272 72078
 44013 77537 10912 14076 74105 33874 48828 19125 48064 04183
 87606 72520 29265 64781 81069 79586 00350 84043 21841 32219
 39719 23563 40919 75528 98495 41767 19468 35525 82674 23395
 29997 93764 70135 83305 49118 19918 17203 18033 09085 98170
 34442 03534 80278 08429 36390 62562 01839 48229 94890 50115
 02635 06322 50737 30380 79746 23842 63293 43621 26656 04024
 02805 86445 28340 56381 15062 53893 65429 86302 13117 16768
 94655 65993 75740 32668 97743 47699 57303 14148 15949 05158
 38772 02438 12431 14205 74501 20174 29648 08486 14525 01570
 33949 71192 07006 23462 64573 48780 10568 75417 00000 +++++

11129/9082/7344 kHz, 05-10, 1015/1025/1035 UTC

54937 84765 82796 65766 11502 53732 53169 19448 59604 45737
 35807 71375 41360 07179 16775 97261 37251 25110 29558 30618
 20295 66833 96778 90102 86479 00844 78652 40541 53661 60049
 32873 11087 46104 33228 15599 18949 06851 95629 78258 72113
 05118 14689 39828 49521 30885 91760 39292 82110 93900 25841
 97969 83183 69246 10188 46383 01526 56684 97793 95374 95716
 45963 96646 56143 53068 05257 80706 38892 01630 34950 27546
 84785 88701 53929 18590 10886 24278 10592 62890 72772 12886
 35743 30367 74516 22224 79578 05467 80714 62069 99932 97168
 10256 71861 93991 66270 16517 40431 90637 55899 83667 06280
 45640 36186 93780 11874 06858 99031 44428 10378 41648 63915
 21450 48264 43674 80667 56597 76115 00000 00000 00000 00000

52284 85594 44360 45489 43707 03060 93111 94722 08950 83162
55556 78991 02551 72493 09148 83106 11226 92992 80365 98315
60532 93997 98680 60925 51698 55165 04930 62887 58325 88711
56265 45297 37633 14406 94867 10747 35949 05757 72631 15453
93121 30825 48979 27114 75544 36107 04018 59422 92484 46915
34211 19182 75395 82706 22757 26956 24913 10787 01867 97182
55203 77061 00000 +++++ +++++ +++++

11129/9082/7344 kHz, 06-10, 1015/1025/1035 UTC

66664 02803 67543 50086 75006 75603 58387 95446 42169 36546
05448 25971 88382 22986 51524 10812 10175 46348 72671 99846
79951 58777 55168 27281 57783 80812 77668 41139 32585 76043
28207 07059 34876 83668 10763 59856 88315 44908 21059 01268
92189 84197 96288 67330 52047 31106 68452 13823 00661 93912
75998 93211 76518 20787 13448 21543 52008 09492 23703 58706
28511 51574 62708 50522 40567 21953 91173 06076 36313 49864
73026 08747 26379 32086 85293 84369 18427 74386 69096 74957
79524 72133 76448 91427 93534 66001 92535 43774 05712 33716
38182 72114 71702 03764 82163 27056 53110 02020 18092 72814
26849 67219 85518 11524 00438 96216 39978 52175 50450 04964
01636 72623 26294 16152 37241 48097 86505 09448 55067 44647
59753 95269 17530 00979 47742 98029 01161 47096 12192 59793
58642 33205 13085 00280 62576 67301 90378 94154 35673 84893
06357 51538 97064 99287 90811 12677 79408 05883 56249 92715
96488 38896 75300 37499 65982 03979 37528 76351 17098 35143
27808 82760 37765 49442 93493 78916 41051 97844 92527 45028
55519 35735 39698 19369 69188 61482 93229 99975 81797 96510
48896 83955 45059 05316 33837 05315 95586 78855 17266 57272
10189 29757 80268 09974 38210 72783 11864 59563 90609 88981
23524 69529 90473 96973 99338 90280 14628 79798 24014 67881
81065 40770 55889 77882 61850 86767 37155 45189 26206 62414
58478 35896 43459 83564 20198 32045 00543 43547 57294 25216
13730 90602 20317 89909 39300 99944 29456 22659 12813 88893
43946 57787 71681 48510 13984 95774 40747 90170 07364 05156
85511 30522 27999 83891 62744 63252 68529 91149 23138 91118
64195 85430 45702 16660 40170 29987 08581 15046 69541 51453
25986 37485 84114 62649 05930 18647 05247 85468 08446 86510
86880 34812 08990 98106 87973 49488 96695 49568 16512 81024
62186 33939 12292 76330 54630 45168 60659 15139 12708 51737
54394 88175 99204 88354 45924 26988 93903 39155 57060 21369
24456 10832 38439 85318 39940 19160 95859 57478 56774 37326
25704 46971 31689 79518 26620 60597 41428 18206 79672 72305
73883 58541 14132 20898 60338 18345 01093 46883 03513 87073
42116 04439 81099 62245 45083 09398 29472 86737 04430 09217
37257 35400 27979 85851 03460 24426 77529 27476 39825 41912
15411 29991 22127 23045 74180 14257 20066 18361 91646 69980
60476 28503 78420 62204 03511 03921 10169 61332 36509 32955
61766 82621 15229 66726 25522 46092 07124 54294 80681 92776
16361 86490 06388 18262 95266 71895 55279 09452 71883 93372
29928 95484 48327 18607 29290 48756 49635 63093 57367 96970
27787 78411 00000 +++++

11129/9082/7344 kHz, 07-10, 1015/1025/1035 UTC

75376 25199 53401 47192 91796 76794 55232 57567 59445 42245
60206 79542 97314 83960 92649 71144 52548 97699 06528 53058
57837 68279 07731 38792 76016 61312 56545 65730 49058 36928
79918 75494 93644 96391 48446 17068 10519 97578 97374 71098
99775 00235 96690 18844 99320 26953 99761 04174 88636 50813
25292 62083 25088 45624 52257 12138 04924 59694 32525 40309
66174 99076 50831 17618 75638 31228 86811 29033 67127 45007
58770 79071 00000 00000 00000 00000 00000 00000 00000 00000

24134 23797 00729 82003 14177 42543 39381 11118 95146 05140
44902 20456 45736 53655 45674 17152 02665 51931 37152 34699
89528 73589 40641 20616 23875 81150 17648 01942 13439 50956
13233 95755 77471 23577 26807 56896 54110 84397 33803 80081
79714 04063 06667 98609 51119 93481 08600 46827 06731 53058
58497 78554 87410 20858 90509 58660 63076 49383 56672 69961
35972 65649 46045 02646 56531 94250 18783 18405 12769 48102
78593 06455 79160 16542 32007 73642 35918 05487 07903 35825
94618 09328 35725 02698 91121 19245 05829 73273 31701 97644
60389 84194 03346 73387 88323 78057 84151 37515 22640 83950
14751 44144 63681 27383 16716 46225 76671 11803 68870 20858
37026 38870 77447 63840 21849 59702 01040 58141 71058 74257
16260 80121 00000 +++++

11129/9082/7344 kHz, 08-10, 1015/1025/1035 UTC

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

11129/9082/7344 kHz, 11-10, 1015/1025/1035 UTC

27542 36350 06567 29088 26643 02942 71029 89282 18888 29803
79905 38450 48317 93264 70488 16254 54245 69857 00223 58810
36761 32552 71620 42040 67236 72084 82673 52464 36060 04324
07439 08873 54745 49616 36484 83321 54638 95030 31889 94872
49381 75458 76479 74529 53342 34493 21994 24801 73186 51038
65855 22335 14778 42573 11252 37048 72601 81013 90199 66205
93894 82111 54285 06873 34671 54324 62768 15193 49825 18099
22739 25901 84509 31498 61008 30553 58966 83113 32429 37862
64008 38206 94329 64614 09321 48997 01743 30584 91799 65067
03131 55890 76077 04784 41282 84234 04465 73703 89070 80450
78451 40882 74768 75813 78997 09041 76593 59536 17766 39504
91186 39896 36513 17870 05700 23429 96794 71341 28186 85623
27211 73646 55973 31565 20341 98501 86725 69947 96583 07546
01852 48907 77076 83682 76977 27116 32881 45772 99150 78556
02629 05605 95470 54426 95815 53105 02836 50622 23915 80688
33490 54207 26529 82715 16052 67339 84728 90986 16729 32066
38801 32208 70388 04438 52574 18363 76181 51380 91509 05936
37408 68752 06756 84919 50298 44038 42343 83548 71419 12099
07711 99682 18376 77434 82759 94800 83498 01385 47598 11524
65213 77708 54199 00607 46766 44979 82128 68347 77006 09237
45545 80340 32906 75329 43660 82515 68498 10381 71835 25397
79942 87828 35524 02530 41375 85469 34219 38993 91261 35934
07618 90959 73915 53052 61174 42221 65886 82530 13238 08624
41892 50382 30962 86357 59998 07551 47166 05020 70714 94162
75344 71413 79711 71842 65007 14999 18833 97538 64539 70942
05099 37284 83770 61704 92383 43340 73434 63094 45460 43154
63711 65744 91088 13572 29047 67918 25849 38744 71414 60622
85400 75157 39236 90920 04847 72232 24127 14422 24909 21930
02663 72864 23584 35794 15351 57730 77979 72876 00001 45832
86013 66974 21673 17819 02660 26627 66397 95520 70437 06301
90853 59079 48824 72200 45186 29805 72277 11155 11163 29693
91570 55994 22844 53536 78098 25885 61965 14571 95875 05027
45207 49600 70883 08178 45556 94525 12484 06430 14927 66221
66554 11672 00248 11704 05064 43190 70185 10515 81749 24827
94705 41269 08603 86145 44652 48296 32842 66040 03533 69324
19057 42221 08699 10131 66219 35015 64109 77100 14248 58924
91858 03641 19802 20374 14673 31376 06012 85087 86535 32063
15817 63531 13659 81167 23600 87860 32967 19046 84822 78807
40286 60650 28323 25951 85435 39714 20985 29797 76391 98343
59454 79118 59729 57963 68595 61983 69515 32537 11374 33914
61851 70021 39848 91609 77239 32972 41969 25677 97980 54251
63862 50795 92769 28771 12285 36771 65687 27206 66954 88898
51777 42619 57417 51081 26388 05933 84164 30141 20479 31189
88666 81431 00000 +++++ +++++

11129/9082/7344 kHz, 12-10, 1015/1025/1035 UTC

41077 70010 74785 94736 77520 44906 65701 96632 49274 43469
99556 81561 04439 33119 23096 06471 18838 23421 11364 57678
54607 52770 69887 05583 52478 43539 79162 70789 81178 42869
67342 31358 92414 91288 22108 25851 54842 86355 77613 31861
65491 33508 37487 24728 62064 01306 19791 46105 84547 23252
34897 37087 59582 13393 32211 15573 06028 87868 76676 02550
85144 09604 41009 26996 43856 98343 24584 64085 24504 73193
34924 86373 39550 19881 92726 32665 34658 99898 46354 24245
88587 43741 06743 83156 23346 95399 38658 32218 23027 00327
69229 81472 84785 54030 99714 30739 50370 53516 31421 42973
91667 18738 41724 68115 48682 76255 71123 22110 43399 22296
07266 50791 17959 07387 76888 33324 70592 82117 00000 00000

92623 52414 69764 07399 69553 73006 92577 21413 42767 71888
36505 15879 25480 18530 40859 22204 23929 65089 46299 17976
72501 90798 60471 73921 62312 13618 60080 83007 80439 55132
59068 20102 01974 69588 97601 05637 02105 73047 31539 71720
80405 33559 27083 54118 14511 08315 90286 58558 85379 38712
86114 74787 41329 39261 26745 36818 93022 41281 33796 52805
56605 77321 04160 52990 87163 17234 34145 29149 69718 91852
81604 63975 59910 65200 70738 83075 00000 +++++

11129/9082/7344 kHz, 13-10, 1015/1025/1035 UTC

23653 48222 09366 19460 81408 21419 62177 41400 99175 43842
08546 76036 44040 15158 42960 51647 11574 59097 88452 80246
21091 43500 15538 46024 26630 78960 54220 59129 54593 50783
72499 41965 03983 63921 19827 40194 70177 05595 58930 75637
78176 55264 34463 83255 36256 96669 51904 99400 45971 11588
65146 93520 29448 60038 96223 60517 59892 76580 35590 15925
06263 37428 96416 61116 28040 78042 21321 10716 81028 65906
64976 99400 20140 58159 01044 10292 10072 98783 26851 92108
79850 35028 64263 57285 82146 57760 80189 78227 43317 95427
75146 23903 15114 16325 13333 03953 63976 18843 92642 12507
58872 14402 78055 88898 43608 32738 46848 37453 04540 04252
19058 73558 69646 99082 71629 88177 99878 27620 59708 48019
58730 32120 93481 73530 70976 24131 44035 61916 06506 47395
76650 47362 50181 70942 34972 15652 43686 42027 24503 15365
10272 53639 68844 32849 98354 06230 37136 23148 04897 68384
66115 14068 64515 66089 25251 25584 15247 55317 98376 71762
76905 57585 80267 37389 02989 63200 11594 46494 92041 31863
00693 64959 69443 45320 05594 04393 75531 91760 74734 19460
21017 86633 69808 15865 95623 59579 19173 11157 40879 62166
75269 15559 23015 76108 74477 25006 66892 26663 22849 43572
36905 30896 56168 77486 75792 35486 47749 67912 37299 23778
62440 54689 73618 96759 80248 88212 63564 57646 38030 31652
92393 54773 62690 20687 19236 62473 94324 72944 93051 04629
22730 64343 03068 50588 85740 14505 74618 38136 02820 48446
46339 03197 42332 26724 89641 20967 45958 61225 56412 88157
58663 58786 65872 01046 37678 59838 66532 09003 38920 64250
34189 48207 04290 61578 91884 85214 98285 07887 62784 25086
67374 16342 91898 63746 20550 53765 97590 89271 54523 60330
38804 61795 71979 34588 08958 26704 66333 51018 92432 40831
71435 02280 44590 16322 99646 83362 81274 11863 16740 59818
88716 25962 27046 87261 89785 71965 67295 74325 27530 39506
32591 06267 51937 72053 82945 71399 20858 15282 03819 57545
51024 15905 19102 10702 80100 75709 79978 73090 25717 90432
78102 42797 52402 28202 56528 22179 82370 27208 16834 47230
11089 17309 45873 15088 13574 95238 10595 51872 52341 08123
94362 88050 22959 24984 73218 33500 98130 00918 55528 69470
56253 63636 33436 99631 05392 77057 19579 27382 38585 61640
67492 51619 81458 76137 99141 98157 18037 90467 88018 28975
05740 04385 71251 96475 15453 91638 89143 34966 57652 74307

75599 06525 80490 56998 47864 43446 50797 75593 69018 54468
53927 40239 81663 86940 73391 77257 36231 62154 36214 99672
62373 25985 34947 61038 56837 82076 62282 72254 86297 99709
19201 84421 00000 +++++ +++++ +++++

11129/9082/7344 kHz, 14-10, 1015/1025/1035 UTC

89523 71824 81374 13325 88931 45486 42075 25192 21998 39141
50299 57752 00508 02701 85556 33342 35039 58566 82387 12335
40820 24646 14194 56054 71019 74577 63108 19855 00925 52346
61827 06073 11428 83487 18368 31522 45273 50052 59662 89235
34489 21536 54939 09125 22454 58947 04831 47255 29028 34216
07138 58426 32185 32111 35192 31735 64590 26871 89755 93815
48554 50730 10391 09446 17806 96522 57239 34202 99514 21559
99156 98850 55010 44959 69119 30169 02625 55630 72864 37876
71107 73072 61689 22368 57039 28215 05338 82935 84690 56443
25937 31167 91755 20037 78898 39204 89406 02177 91725 77553
70101 39730 96678 22140 61576 86987 18217 35278 50479 27550
01170 50262 24058 76539 90559 14255 03359 40337 99031 69166
66367 26026 22812 85123 00000 00000 00000 00000 00000 00000

48781 64088 46232 98580 61466 71593 75537 60953 37225 93190
14250 91629 93674 78173 89860 08226 94651 99516 11165 49314
81046 76770 26477 84282 13831 59991 87034 49068 46494 60644
45250 56210 69053 40414 42532 52656 90837 93864 66325 23764
54223 85886 81095 66919 96520 29861 62909 83240 02190 17493
92327 60765 12572 36230 85285 47594 85335 35229 66641 38408
20811 25788 16096 22801 97410 86065 00000 +++++

11129/9082/7344 kHz, 15-10, 1015/1025/1035 UTC

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

11129/9082/7344 kHz, 18-10, 1015/1025/1035 UTC

63460 63019 02538 58295 00582 17903 00994 58954 86691 67146
63611 68785 93293 56022 30594 33015 42575 50823 85137 01294
26134 01211 08922 23889 79652 82345 36520 42495 30717 02747
38429 24115 61974 88803 87391 11443 56801 81889 87714 88195
19686 09013 72257 82811 88502 12931 96789 58975 80865 52691
86394 66390 41756 10501 13611 50248 84606 65894 13003 42822
43024 23121 61844 85629 75353 02690 81599 55599 89256 33013
39897 93674 78493 03088 57673 59303 89107 62148 51187 59240
57185 77224 63577 24100 85390 84556 65664 31108 50450 95786
30678 96476 58791 44879 12589 85848 92503 86695 82757 16240
12828 83172 04552 47936 13346 38033 50659 89752 40066 65965
92747 66122 20595 07224 18186 19432 69572 23562 53499 46049
62572 36465 99250 89483 95633 93594 06034 39113 72640 74403
46271 07905 87708 70834 61499 87590 94787 04069 89823 04714
81649 63239 03246 25997 90465 77051 09536 86454 52153 54261
98343 38709 26673 53930 36238 46928 66478 71404 40358 73830
45291 50957 85363 34193 19404 61024 23375 13308 13676 92981
21592 73803 49440 69385 47270 99299 56483 72633 54752 48300
36292 29964 54236 16792 68765 15751 66970 32958 79564 57007
96556 32468 10300 53063 71064 87770 58730 45332 35624 89822
81179 98116 00199 05701 74336 76384 72219 60530 78645 31456
28775 17165 70464 30541 08033 52063 35175 91054 24589 50783
38446 05664 38435 71557 37818 68991 32221 50362 01820 41910
76507 45931 28781 14386 87692 48147 82544 52779 08307 98250
87261 42571 64355 94305 48456 62423 79395 80348 92541 50531
50048 42676 41986 49198 12613 61690 68313 38572 55491 92756
90114 95471 57096 74492 08274 38259 53934 87946 95585 43675
68557 15086 82955 46591 52057 70041 09368 58608 20806 01541
27814 66435 92115 89973 84363 95996 48520 87524 12565 53200
85343 74804 10371 77294 21274 32427 91766 67772 76597 50966
30295 70738 48807 27723 36661 35691 40256 23755 37610 78653

17552 79590 48256 12582 07372 13073 55066 31008 58401 47777
51662 55831 24063 45420 94654 85217 45738 40720 71677 02523
41168 02136 98817 32200 27708 66911 89626 53609 35143 23892
62906 08680 87736 42513 81444 64350 60206 71435 38897 15743
37311 55229 37010 40986 31742 42579 20348 43642 39999 84417
60739 43669 40944 45446 08612 02852 66720 77462 53412 95645
00718 27958 60294 61369 82277 82387 75265 98680 22826 63582
15972 88275 63120 36724 90325 54744 26291 93320 10144 03534
46376 12629 91995 93934 77036 23951 62448 34049 10121 18252
09890 87401 00000 +++++ +++++

11129/9082/7344 kHz, 19-10, 1015/1025/1035 UTC

56909 99174 24902 13167 15723 75236 34215 99956 26881 97423
78999 02406 78149 80817 90893 34833 96763 14791 57748 16445
53545 02354 14122 92575 12825 28509 76800 81010 07848 56045
17517 04359 46361 72212 90072 94392 76063 34710 54034 79292
64599 90430 62205 89751 73799 65399 04052 44851 32842 49330
22273 03672 40031 23267 44705 93554 47870 03708 98744 50966
11129 01687 00477 35897 02586 20228 35700 05732 26130 38617
75030 59529 81917 56923 90280 88652 63262 99220 64293 94682
89960 98929 11413 60556 07717 14731 50799 85857 08383 50481
99757 88091 00000 00000 00000 00000 00000 00000 00000 00000

44408 37062 06127 02325 72170 63172 39482 14666 19428 15789
27084 89616 50649 13128 14379 01249 45451 74541 79448 21596
47081 06669 82521 61930 37557 22892 81980 46559 75402 75770
15312 11330 56924 07162 68437 44031 86954 45698 81859 08871
70009 06320 67063 22231 57792 71537 31605 71870 13981 59132
36335 96781 82240 05960 33184 69872 68394 22560 56952 50670
72694 98250 69544 00234 33124 61404 80077 75458 65677 24580
89313 44963 12544 69211 31834 93746 34145 49529 14418 08803
05954 20415 74040 62879 06039 18861 03946 38567 04264 53737
21211 59911 46821 89093 00000 +++++ +++++ +++++

11129/9082/7344 kHz, 20-10, 1015/1025/1035 UTC

72285 18313 02932 20223 11676 88965 75756 37537 41054 34181
14860 05099 73764 45569 77670 82002 40011 22849 81317 21545
19537 06024 07240 13018 44331 57649 56279 75945 63538 56140
58955 30185 87764 86043 70601 90366 54964 36230 06049 58063
85096 41924 93552 10171 15744 31531 52642 06909 35863 64170
25584 67886 59880 68889 17147 89673 09303 21453 22353 03320
94032 19688 46908 95240 10580 43287 49995 39929 99354 09029
64110 17920 28234 57341 71650 17438 94577 31158 42917 43189
62897 32987 65235 80701 80349 71149 17878 89686 37254 31107
72468 24827 64818 32833 23571 07454 87252 60148 79136 96536
70471 72974 65503 32427 34563 38428 26629 51790 22216 41704
22260 97177 40291 62685 54703 69647 16722 29199 78902 97908
39939 82889 75508 22388 73001 18610 91614 17692 59615 83295
78864 01876 64248 45242 83605 05966 13496 69741 68781 02181
30923 61986 72252 14273 82534 63212 31230 58442 75089 10995
27504 88251 74426 99639 33172 41986 36001 01617 61527 15885
64815 35957 52829 11696 46933 94570 49605 31983 19757 62403
41208 21624 73273 92381 82285 78934 99430 21082 14872 84864
31857 36056 48778 23694 43096 30759 79966 93668 91549 08011
51607 31022 35310 17926 87491 95807 55086 41259 52505 92984
53383 54096 19826 27198 22156 34832 49563 14687 96092 99364
08499 00761 33739 75462 85631 56272 93641 52212 83214 51543
97691 65517 87963 31160 98871 05558 52128 38088 95579 57170
39117 60540 59723 09066 13363 00043 70771 92839 79103 84114
72948 37700 97790 72033 97765 51860 38785 27089 19067 66526
43050 53783 32783 03419 04521 23415 78582 51770 98824 36472
45599 65730 14070 95283 29440 18121 63359 85360 32633 71471
83736 88865 25738 52284 51242 78653 11278 39454 66770 66306

57691 02790 92420 02621 95494 52562 43014 53965 92838 86042
62481 02960 52642 41927 39800 46908 98504 98630 44168 92416
41565 77355 84103 69651 45513 35880 20158 14651 31929 64015
85934 93152 93144 16655 97084 64353 04808 45359 52992 08053
55349 14417 60812 63614 34519 12310 36562 54171 48207 94529
62955 94539 51708 18683 08659 06243 18639 57810 38659 88117
87686 02873 70433 15914 54369 90335 55614 69338 00018 15781
91816 09983 75134 19499 94340 58558 79351 54991 82416 44894
05144 76312 59698 29118 37511 05207 93669 17477 26793 63961
23674 21211 76827 84922 52239 31942 15622 32610 99393 11999
40730 99360 24660 23121 56528 60456 46404 41980 45574 99647
13243 35957 41228 41037 07189 97605 93736 48243 83216 61251
46964 76781 74948 50149 67944 90620 21133 27652 96468 78816
92619 50818 06865 33198 24508 49896 99177 90417 00000 +++++

11129/9082/7344 kHz, 21-10, 1015/1025/1035 UTC

87613 79607 90019 70472 20698 66528 68737 67745 40991 15275
37059 73227 92365 14917 63849 23801 96999 40179 16940 04692
86369 50186 75620 05691 51104 81450 14329 33329 70614 39787
80960 96199 08445 20838 18250 05612 84298 13899 01657 58759
58638 68735 92190 96607 90846 30074 27618 53658 56836 69453
00479 41815 37089 69135 96366 35502 11028 37743 90893 50250
18687 62331 28783 31924 75594 26569 33535 98780 51820 49725
21092 03549 51117 26136 15942 07714 51107 69852 93109 85200
90426 94155 94455 97631 13793 80612 92735 91087 00000 00000

79420 82669 25629 25869 38694 07950 39865 52542 31058 72462
14448 78438 89810 34363 73536 66225 12645 78873 01997 09062
84471 01133 03431 39478 15574 65714 41500 54760 62279 78737
44240 57275 22336 33517 76056 33178 22194 15686 07072 17928
38352 78721 34538 22072 19993 25828 35973 15701 05059 59099
58737 95053 46982 81904 75707 79676 94245 65436 61766 13586
89958 15355 70773 68879 83643 99464 17707 75218 72416 22371
95682 23635 13753 58036 82505 18084 77014 76199 16479 73193
25941 23559 46123 81640 49282 45700 83517 99594 81766 60670
15936 23662 82582 20151 55481 57781 63573 19172 31380 93481
84321 92101 00000 +++++ +++++

11129/9082/7344 kHz, 22-10, 1015/1025/1035 UTC

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

11129/9082/7344 kHz, 25-10, 1015/1025/1035 UTC

39834 51869 16739 29238 80835 51157 23544 09895 91404 11039
11163 54198 69616 14059 28143 58948 44894 09254 04310 71504
20087 16320 40366 81479 48812 06051 78827 19206 46481 49232
17253 65619 58460 51184 49693 03246 33792 14128 47964 63005
77926 94582 14020 46492 82888 47963 7832_ _____ 84321 10860
19075 69011 11880 30157 51902 90745 52294 05303 64760 99593
13736 70678 43322 54996 24727 00517 91818 18525 70154 79378
08723 35834 19777 38457 36982 31606 21677 16579 77522 81260
84089 63104 73861 75434 94053 24907 13020 73019 46303 84628
88275 53218 08669 42382 75073 44758 52782 58107 71815 06068
82390 96751 94529 49413 59618 43479 21641 04986 00357 797__
____ _667 80864 46761 46543 88174 91108 10568 11208 53240
93033 42504 79241 19042 69637 60669 31636 18048 95836 77508
94943 79681 77030 86401 42986 82588 29177 55780 36148 94888
98800 22938 59219 07102 46391 04747 43699 87441 41607 67447
85515 14160 43742 22715 94092 64621 65876 42178 33700 65818
46162 07584 43028 35985 74668 38793 43923 72017 49241 66801
75217 62388 58792 43957 12595 30226 17474 08582 60434 36263
98173 46170 26557 96340 38750 14361 15824 93137 19757 23859
03519 86838 35094 92510 74454 54408 09960 14706 38736 12170
29663 13299 60125 01368 87610 66240 57937 41411 69980 25099

68414 80475 27495 67671 76505 98160 07439 51852 53993 39880
44384 62975 64909 87686 33032 71780 24172 97196 31623 45231
20381 55329 69354 77340 87113 85255 62391 32208 44845 76144
18840 16446 15872 48728 10320 23197 29101 75807 68253 14915
44722 72953 18621 37102 43249 82754 49435 80131 03692 09405
02439 31773 33376 11590 56293 86307 85377 33368 99726 04591
24477 77724 18043 40079 27597 52484 41461 74308 29642 43283
28701 28584 50692 93271 84260 44128 65480 94248 32827 47865
01087 18902 99249 46047 73804 48859 67517 12892 01089 78219
17180 66435 49557 97260 60644 48771 04946 86018 29794 52877
74992 72402 85351 63209 61150 34564 47445 02255 60104 52184
70792 00223 80994 36369 12963 30082 89308 92858 69127 75098
13372 98212 71770 21097 74367 93678 78761 90604 25836 26418
98253 61089 13577 92790 23837 34439 19046 33711 78375 49993
57188 94391 89987 05800 84612 55300 48559 96220 79095 27121
16288 36246 76314 51296 90732 92244 54757 33711 43572 08977
44747 33582 83841 71441 45383 91871 88530 32883 85257 90441
13192 46171 88361 66512 56100 37268 29702 52002 25028 27115
93934 92990 53224 04966 70570 28227 65363 23862 48135 91909
65319 42594 92721 50224 37618 26745 21963 93407 00000 +++++
+++++

11129/9082/7344 kHz, 26-10, 1015/1025/1035 UTC

85761 47983 44376 26245 27415 78943 22705 85815 16355 36401
60406 59498 76166 20094 40228 56318 03422 45081 73479 87877
06392 79067 05396 88925 76675 44275 43260 51707 29668 63560
05709 66261 74822 55441 16676 83869 01624 07763 92395 45833
92237 84635 94911 44769 96739 46385 50528 10619 31897 87163
56643 38542 89405 19930 25390 00903 64554 63479 37540 10516
41223 11214 05093 27360 94174 86332 65999 25924 94563 13143
59444 65394 29610 59167 55141 29860 72368 27739 35063 30723
62532 05773 51052 88498 84209 96404 06751 36212 51612 91176
37276 94091 00000 00000 00000 00000 00000 00000 00000 00000

85926 94911 85850 99366 29733 63878 13089 11142 84392 05438
08971 64863 94001 05668 06890 17522 68594 15110 36392 75996
13340 88487 90499 77441 49235 81938 80634 07662 23748 99956
40085 62173 34830 09230 61935 79610 16751 61558 82409 02201
61190 93043 45561 42968 72011 91732 10253 64365 77173 50908
85354 98016 46203 50209 04101 60266 86672 31776 73547 43210
18123 63593 60067 85907 46857 07239 96808 55452 90060 32203
24078 92597 22667 95073 00000 +++++ +++++

11129/9082/7344 kHz, 27-10, 1015/1025/1035 UTC

29506 67075 91129 88674 68823 87099 68112 56210 11322 82192
49061 50777 45279 17645 54938 24715 45059 03629 03382 75081
15271 34746 00185 69775 65101 80446 85156 45621 42517 74774
74579 89370 83010 78855 67422 37548 52586 14588 07524 56089
89675 92952 18905 85689 75663 85395 56428 63821 88712 11712
38970 59349 20581 42874 57298 80677 61111 42231 73845 43367
80086 93536 56569 08174 61134 89220 14074 25420 67368 77352
24195 46662 43463 90744 73226 89576 83830 06608 47980 67006
21604 10219 47865 16105 18112 61028 09171 88514 57525 84645
58750 87522 76364 39144 39284 63119 82565 29113 73306 00909
43774 65908 58201 65804 49577 97529 09329 86448 77335 56562
93497 91287 16326 99623 19946 32248 29872 36754 81032 56948
60140 74181 59829 15381 05314 18907 46783 12008 23806 18541
32659 39198 45219 34832 69930 52959 92721 74330 19827 76880
46547 24602 27197 45248 03289 69466 90405 21245 10683 81661
18430 51199 82567 16394 92353 40796 23708 54200 73439 64200
19170 66573 24978 42034 67929 02766 40085 49128 65413 21232
92647 38008 64646 14134 53607 89030 70711 98348 39750 23122
48179 71422 87218 38053 46231 55897 66905 54185 71136 80461

83938 80624 60784 71344 28427 37724 40948 52411 69675 96878
67981 77383 11031 23530 87628 42624 47568 34342 64626 53932
93797 04468 62807 45768 73568 85856 80365 76373 89382 22530
69998 47190 13277 73765 98587 20048 66480 81139 26126 30533
80029 40338 08570 20994 53529 63707 54298 41606 54236 44451
88879 92943 23677 58435 07827 08498 83961 64520 22021 00563
60993 89370 25506 17948 66765 07676 40331 88940 07923 53712
18131 47959 12785 25198 03132 69337 94006 65364 86274 56671
89075 34191 05129 61173 45833 04739 69309 27469 45192 45515
16057 90269 78256 74814 25683 70359 20025 97967 51578 43343
66855 63439 44438 79580 29892 98711 75435 78749 01640 11886
87988 47475 37866 69953 32844 93469 22020 89653 66140 34603
04367 01876 15147 46360 33008 75527 41369 96110 18993 11816
55706 37638 02689 44879 65340 64349 13614 09695 57058 44626
40921 63222 46683 87737 56698 69696 49308 13748 59305 86021
50015 25884 28905 08201 79776 08764 12394 64740 26213 00954
79916 67958 33904 15269 20147 59150 73940 05280 66526 08526
87394 01431 71649 55884 32416 65237 71976 02939 89615 34984
10071 93242 05443 61358 06539 40648 78245 56473 98870 92244
16677 04698 89354 36696 25173 08744 69266 93936 96152 69450
11519 47145 13648 22684 48942 02946 98054 81819 80417 90761
46674 59216 72007 37281 49746 65135 45313 76941 86662 07543
70210 84396 32036 41219 04180 39891 26328 39633 45397 63484
90705 96421 00000 +++++ +++++ +++++

11129/9082/7344 kHz, 28-10, 1015/1025/1035 UTC

03466 87582 77826 46034 40381 45575 98452 20337 57108 02064
79035 83395 20293 93274 90728 16048 34481 18772 90505 73948
06837 33784 26558 33271 69377 29131 81663 26347 50911 59680
59246 90676 15883 07287 41789 79771 12282 89129 76306 09235
95840 47409 66543 36544 22670 81320 76613 97957 27558 07252
75737 50991 30085 58143 78795 95894 35770 57948 62356 74569
24415 32119 60888 70371 42850 40075 72834 57223 44259 40579
31233 71483 41270 25954 18580 97075 00000 00000 00000 00000

17380 30205 49148 33410 04704 47455 99382 08699 22746 50629
04992 09939 17475 79710 91547 68284 36140 03344 39256 44694
58221 67335 94225 30049 14758 85060 89221 92629 44494 11939
84812 27649 60282 71187 66881 88517 24170 23027 61411 04539
54626 94534 52497 14717 14322 12330 14518 72365 51926 05276
94402 00201 96334 69392 04942 00619 26784 12161 15058 50827
67274 18411 47995 37531 78757 04977 23355 10863 47504 56314
03916 62226 93106 58257 33175 55761 4550 72106 74550 68112
57780 16244 88186 98083 00000 +++++ +++++ +++++

11129/9082/7344 kHz, 29-10, 1015/1025/1035 UTC

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

F06 – FSK 200/1000

12134 kHz, 26-10, 0730 UTC
14423 kHz, 26-10, 1040 UTC

Link 00000

5087/7337/9481 kHz, 19-10, 1610/1620/1630 UTC

11100 00000 48635 19025 02529
23531 00188 51885 44644 65856 14320 70117 48966 29750 27525
16463 40406 76032 56979 17110 26436 99745 41332 57567 70905
76671 17094 83345 91190 17775 34569 98388 44092 67486 93033
59695 92702 06771 99834 91569 71413 46925 83101 67942 91260
25026 12765 36192 52776 36980 09556 80904 58563 69117 46684
51022 42755 14238 73883 98796 59554 83091 18501 04005 98054
47186 43327 81849 15504 73891 65857 97997 06222 39766 68655
39176 48348 33036 55528 12774 95605 81181 33185 73891 06276
64550 23070 03258 26566 01950 33059 81916 70561 18245 03714
54016 63945 66208 88764 22397 43652 34647 34523 90005 30745
90265 87911 05973 18508 82676 87785 43561 43149 17414 59252
90489 29178 21581 35661 77638 26674 98973 77956 94570 82646
55611 46085 65306 13659 31609 02136 82792 71912 00352 49912
25492 21973 20872 40614 04552 70330 54402 99317 14966 14975
81014 51953 89183 07190 77305 57445 76594 42723 41041 74727
97328 24557 73726 19303 43820 64437 57011 89044 28548 15360
83884 63916 01416 52209 30597 09319 85193 42720 80232 37722
02466 75964 33888 08298 92521 40543 70382 69220 41617 69673
40442 72333 75064 95354 06292 14870 84565 78810 62596 87905
89243 09382 99687 36240 53800 89066 95014 59394 12241 44893
43749 08405 70598 36309 64497 58107 87109 49783 41036 59596
53260 97794 86034 02550 24150 64410 37670 42099 71610 64628
25111 69947 58518 09679 63763 34400 57732 95473 66259 39022
64099 56378 80095 74587 72964 51515 87868 64016 23621 75766
31050 24998 31142 12672 43233 79962 55024 71410 03788 68117
25250 00000

Link 00052

19986/17549/15654 kHz, 13-10/14-10, 0800/0810/0820 UTC

11166 00052 15973 13094 02369
50172 71861 40406 52093 22778 99460 34377 67353 36120 65693
13741 59766 66716 49959 55551 89873 15784 54258 03374 18342
93497 62555 57873 27681 83280 21346 73372 73753 60710 64841
77545 53004 73419 33225 56442 96351 54295 57413 72041 25675
47670 08755 04505 33838 53190 37113 36320 74185 17042 45759
20539 70446 25232 76523 00277 82989 78609 03639 71667 92364
54303 59706 07466 86058 83287 42238 83487 59423 98731 74195
75053 66688 34854 16969 15661 83020 80937 59242 35032 63549
20221 30169 18752 10304 08332 10303 56679 82995 70961 38724
72306 14595 25467 39785 50271 17618 56081 17934 04195 92078
97431 94035 52043 71045 06042 81632 91193 64722 24505 26589
90396 89008 68033 58549 40821 89464 88046 27651 33366 96632
92502 24930 54429 73636 27654 09850 17326 42003 50919 93404
71531 96648 49554 50222 56952 45961 84805 58104 95394 37916
66254 88456 36435 58166 86005 96023 99870 11042 67442 81387
81936 19396 08211 24647 17486 04242 22134 13737 15307 30101
09734 15807 08777 27027 12067 65104 89037 25212 27531 65805
12872 63136 96358 33212 02480 55192 82473 21781 79333 29711
07395 13395 99302 73344 15877 64327 81239 42726 77984 34344
46203 29362 57268 46357 09521 88671 99754 50097 92865 69137
23413 88219 48545 02481 12804 88285 13179 40815 48588 29070
32959 51710 26592 54618 27689 07097 46103 34487 85765 26969
72098 93631 07318 63795 01079 60337 37667 38600 85212 05678
58318 64639 94462 72893 94234 00000

19986/17549/15654 kHz, 27-10/28-10, 0800/0810/0820 UTC

11166 00052 42863 27095 02009
33425 77826 28631 59675 90150 94617 81416 82880 36120 74057
65021 93365 95247 92955 85627 07759 27818 77878 15801 62488
01166 44969 62301 96615 11842 58215 26194 96091 67797 23361
41162 29125 83982 59660 01001 27356 06946 16637 12193 92511
66885 28059 32528 33243 80566 20312 81691 61822 53564 17343
34767 05393 55257 09380 34578 11453 65015 77614 83826 52273
13007 92015 02944 57918 64088 24489 64608 32577 18181 44542
40859 33877 25601 89672 23741 19874 40765 27637 05428 93405
62709 52807 28755 98501 35863 83797 44094 48521 09519 54547
33519 90724 79428 16048 88191 36954 59960 90901 49911 15122
60267 47902 52754 21174 62897 88818 25757 76243 28274 64576
42566 18659 73502 63019 29003 85504 98925 35445 64469 63423
60869 54088 38149 13337 14023 17759 45918 98789 71878 47804
38928 72583 58683 41597 59781 01411 51321 75727 27236 33151
34584 76087 55399 36543 18258 97040 18310 67903 89453 76860
95888 44575 98642 61626 62158 29817 02812 14763 01696 58792
14188 54411 65241 60372 27966 85819 00403 54409 27480 20945
18401 29206 90249 02443 82780 28835 43348 74241 31039 05011
41516 65891 65095 13205 66480 82862 71549 57679 70882 19989
57661 15145 15293 40252 13993 91705 71717 86075 95198 00000

Link 10053

12187/10734/9129 kHz, 03-10, 1530/1540/1550 UTC

11166 10053 78541 03001 00049 00000 00000 00000 00000

12187/10734/9129 kHz, 10-10, 1530/1540/1550 UTC

11166 10053 47651 10001 00049 00000 00000 00000 00000

12187/10734/9129 kHz, 17-10, 1530/1540/1550 UTC

11166 10053 97523 17001 00049 00000 00000 00000 00000

12187/10734/9129 kHz, 24-10, 1530/1540/1550 UTC

11166 10053 45689 24021 00049 00000 00000 00000 00000

12187/10734/9129 kHz, 31-10, 1530/1540/1550 UTC

11166 10053 12347 31001 00049 00000 00000 00000 00000

12215/10814/9046 kHz, 05-10, 1650/1700/1710 UTC

11166 10053 76193 05001 00049 00000 00000 00000 00000

12215/10814/9046 kHz, 12-10, 1650/1700/1710 UTC

11166 10053 14789 12073 00049 00000 00000 00000 00000

12215/10814/9046 kHz, 19-10, 1650/1700/1710 UTC

11166 10053 78541 19001 00049 00000 00000 00000 00000

12215/10814/9046 kHz, 26-10, 1650/1700/1710 UTC

11166 10053 23654 26001 00049 00000 00000 00000 00000

19268/17548/15779 kHz, 06-10/07-10, 0600/0610/0620 UTC

11166 40122 14523 02068 03579
02308 29323 85234 06892 40257 30339 11422 67099 0629 178765
11143 85193 51944 71506 40090 70486 52941 08054 7508 278908
23199 04266 01747 45215 44565 84777 95276 80505 2320 108697
67690 02277 08574 08297 80036 89173 35980 45379 4296 877641
78537 15010 54140 42657 19596 51290 45863 29725 8148 614883
41440 30342 71566 66952 43641 18094 31473 59222 0373 687593
00551 94834 44540 63432 29368 39695 35890 71340 0427 488996
46013 88745 68922 18605 17195 16909 53711 75992 3922 041829
49067 90415 18989 76112 83514 07014 69772 98974 9247 074522
68526 36587 88694 41290 54719 49932 70342 39278 6909 122374
27548 60740 55798 64119 33488 57264 76368 75759 3084 115866
08920 38086 49613 91816 31058 20358 17234 02904 0991 324222
46880 14797 47740 05451 14964 72221 56518 40719 6371 055617
59999 31569 89775 67969 46629 62783 04839 81512 2178 657332
79098 98973 32781 95092 03622 09065 65035 87530 3247 840890
32900 25512 90589 46977 13533 42465 58253 69600 9728 760049
68249 70096 53035 08534 76490 25858 31871 39072 9214 324686
57634 70061 78158 11193 77686 34763 58151 64950 7237 522391
90562 15053 46629 29835 96046 20807 52123 66221 4901 973207
13441 77490 69298 96913 56683 83185 74789 57393 6395 342631
81130 02936 02163 92694 59259 96212 99581 24320 8682 115076
68592 90017 54366 27284 98062 59494 12263 68842 6379 265622
69279 80639 30454 07923 78760 83076 43489 05758 7333 393371
34369 18418 34094 15224 87682 74291 05201 55533 4347 276300
89815 47857 33264 75796 88329 87287 73223 32103 6481 106452
62882 99884 52617 47303 62865 11538 35099 08408 5006 246794
62343 72404 73670 06706 89887 43324 60569 34226 5034 648470
43430 48553 93880 84521 10031 85429 58457 12581 9719 560589
55829 31816 77799 98536 84176 86418 14277 93843 0334 185541
77073 97151 33604 40915 51476 43076 63929 51826 8125 962182
80620 92148 22586 44240 52322 79111 06595 44929 3231 328493
34129 53193 64015 25930 51012 61421 00663 69019 7735 105656
75075 59925 89256 68000 80463 53140 76463 58425 4819 988128
24253 18158 33511 61508 93134 11835 45012 18478 9472 200622
79027 68167 87231 13466 44629 52598 39052 58690 9034 423951
33815 43105 68455 09817 15410 68355 00000

19268/17548/15779 kHz, 13-10/14-10, 0600/0610/0620 UTC

11166 40122 90123 09069 02629
52537 82193 05321 71586 63033 80639 94473 37426 69846 89003
38956 28890 51223 10218 86888 28934 08736 61101 42169 31057
54874 04071 91768 19495 32762 39497 36236 65525 16449 00883
34374 94582 65200 20071 98005 03847 30225 54652 97780 35018
37293 94774 65953 31955 93657 91526 07067 37860 92740 74097
52490 11699 15001 47889 19736 68559 48441 90776 62508 73606
77172 89696 22399 44353 11486 84757 18195 40912 57870 13060
33706 48918 52398 69404 90081 84830 05943 26086 13522 78264
34630 78960 34351 11081 74003 11960 78361 17886 00299 97261
36392 77657 07299 73283 23062 51159 12184 67696 60602 43854
88826 57656 48720 98989 51967 84414 06444 50540 40701 64519
96866 90713 74724 64789 70749 31680 81770 33234 89898 66243
19670 03131 16275 57110 41485 12422 77756 09469 77145 05644
46505 06559 30017 10549 90858 12903 11865 06639 86708 74922
64620 27762 99275 73581 42406 65995 71241 08789 52254 68975
78162 20211 76951 47872 37104 74208 28450 38205 79439 71567
05284 80665 23742 55721 52424 14157 09718 26146 47021 98222
79105 86625 58450 07061 14486 83058 56119 62303 71949 10508
63471 96757 68532 94179 81605 66289 10392 74008 30973 52035
72628 47548 84574 20144 66716 50851 91095 31212 56459 82016

11429 16626 08427 97113 17003 63976 87799 33145 23373 78750
35555 37754 57499 14472 87949 10354 82154 88495 24212 84378
25899 25629 53406 05320 92056 96770 76390 84270 45139 44759
83802 31625 98140 14619 76028 00662 49152 30382 16079 95656
40735 85683 51305 24255 40477 40316 64916 98752 66183 39920
43199 16000 04132 01016 69417 70602 93831 28552 80293 81113
69260 00000

11166 40122 21456 09070 03119
77727 58154 46034 33896 39273 40284 59828 74355 77835 08461
47748 00219 93838 98766 35008 36551 82608 12805 29499 97203
60340 41301 08555 62366 70640 90536 19868 26929 45063 78804
32513 99326 16093 95068 99000 55563 06007 37019 14304 78096
40053 70711 82795 34270 57379 78972 29033 73996 18157 90763
13327 51350 30336 08692 38038 99783 44456 76845 55525 15644
89976 56160 13701 29670 51532 99481 00112 71177 08583 43531
70500 54595 86865 59944 72772 43063 95112 32588 02313 68755
45452 53331 49589 14646 80943 53456 25973 87371 58672 12908
78723 35905 61860 14561 31073 95714 39405 35690 08340 63097
96304 93841 36021 29379 83398 89280 20790 29661 59860 11213
50345 85806 26883 99956 73041 48359 55997 82271 43246 67060
60444 22003 43355 44683 83066 53262 18405 53844 99132 88299
84219 21498 57540 17285 95033 10784 08839 42157 81524 54939
93502 11758 95186 22941 88902 50405 19998 21568 38396 97127
37306 63593 10990 97722 54877 56760 65008 16832 36036 93257
14199 62230 89847 44363 19718 38505 08270 89959 56435 72321
61214 37589 26987 76447 85457 10760 22027 44750 28337 11166
50100 95327 32165 84527 85590 03970 70308 44733 08161 95149
70868 35962 32149 82712 88883 37494 49329 77462 13019 40869
33500 03832 17658 54111 80318 92817 96342 12680 80831 43382
37501 01856 52133 69485 28395 20231 73588 74961 98231 39007
02064 23411 36367 36780 64593 95293 46550 14499 51929 49427
23139 20287 61408 31062 60220 38818 62568 93719 29586 24930
83957 27000 88491 86156 44579 07528 03134 43885 78391 15227
98788 27804 25318 82117 72557 83346 87202 65827 29632 96802
72134 64983 29046 67800 75596 18697 49824 83838 71867 57312
13497 76549 14108 96618 23877 64397 66587 92695 10079 11484
17466 99605 83687 57156 45587 97090 46010 96107 39736 40485
04349 13640 93623 30026 97719 05810 25565 01734 98959 39109
95411 07072 02945 29391 18048 73561 87782 44719 96367 70309
00000

19268/17548/15779 kHz, 20-10, 0600/0610/0620 UTC

11166 40122 12368 20028 00049 00000 00000 00000 00000

19268/17548/15779 kHz, 27-10/28-10, 0600/0610/0620 UTC

11166 40122 91547 23071 04149
16157 80921 46745 40786 35118 50109 80129 22565 06493 60313
02378 12900 68386 94605 66623 41299 62555 07843 52488 07611
71903 07881 40934 00009 29169 92754 68890 11905 20234 61000
49609 87474 30511 37304 69687 50488 07822 80677 98671 96121
40228 67338 72211 50447 72233 65482 34678 27291 07804 44139
52197 37135 73646 83300 32025 27765 41173 77501 09215 61331
30596 50048 86500 57540 45592 20076 38347 57631 11965 89629
15091 88851 18756 42950 08122 34101 85225 75151 62034 36444
02163 92487 44689 93170 20933 51380 11125 19097 88734 28411
22251 83787 53467 38454 04269 52397 86681 43141 59745 84809
98022 16847 66290 72764 39620 62380 23769 19660 23856 93573
35982 92721 02943 26949 37763 02219 83771 49657 03415 87420
76430 55873 97439 13977 99868 68834 53487 12414 93121 90716
92461 12431 05534 47521 15733 52681 64432 21174 34375 70734
43676 86018 20379 02898 81519 91895 90783 48593 21230 60980
60642 78963 72900 90586 25784 94416 19888 79115 61291 60772

18319 17331 46642 78714 63098 12158 53447 66236 18862 35186
56723 58747 39305 13071 55640 56561 23330 02013 14675 74420
81442 13511 61114 72767 10849 83565 99848 75437 02672 02538
31380 03465 29741 47826 83991 79695 88381 86575 96020 83876
92644 40588 09163 62935 44422 30625 58747 26110 27872 42298
71924 79639 01603 80722 09703 80684 87038 06136 13765 15180
76431 67652 44015 29299 08920 77353 17780 69216 88107 91904
86606 08862 39574 93861 11602 70346 31767 89890 23242 66758
08710 68061 76583 22002 07968 81403 37839 47380 62299 49935
63221 79599 08439 98323 56020 09893 51447 71382 12838 58936
58067 94586 94917 77262 77512 71799 85513 75841 13146 37389
19229 16531 93466 04925 94264 17073 15859 79651 03520 50333
61519 26915 45472 42463 05030 13731 00782 99677 66980 65689
85560 18326 83110 06378 17233 57964 88378 71511 53932 82094
39423 14952 93376 96263 23830 48823 42143 38226 29657 84878
91303 99832 73652 69337 59332 85351 11602 28362 88247 35896
79236 66367 03904 74666 37150 84346 76390 52664 18158 10414
41455 99589 00531 59727 68914 09608 55549 66005 88956 16653
42807 51809 12310 38984 51714 29779 05182 97654 12617 52020
04930 38606 25996 49818 87387 13055 83163 30873 21792 95869
76895 26241 74241 46627 25459 04173 45634 43025 58436 93030
55005 41354 37818 80479 04223 43700 12781 81127 84961 76578
31597 89820 13902 10675 59103 62760 07093 76397 73188 93649
29402 54904 38702 77036 80014 49316 82261 76058 99892 65791
16365 36772 12153 59143 86257 16238 31287 22711 37994 16584
02173 27139 71412 00000

Link 60070

9489/8133/7318 kHz, 19-10, 0030/0040/0050 UTC

11166 60070 23654 19001 00049 00000 00000 00000 00000

9489/8133/7318 kHz, 26-10, 0030/0040/0050 UTC

11166 60070 15973 26001 00049 00000 00000 00000 00000

Link 60146

10614 kHz, 08-10, 0220 UTC

Header: 11166 60146 00000 08056 03793

10216 kHz, 08-10, 0310 UTC

Header: 11166 60146 00000 08056 03793

Link 70059

6848/5433/4840 kHz, 04-10, 0400/0410/0420 UTC

11166 70059 78541 04001 00049 00000 00000 00000 00000

6848/5433/4840 kHz, 18-10, 0400/0410/0420 UTC

11166 70059 79431 18001 00049 00000 00000 00000 00000

Link 70202

10541/8113/6791 kHz, 01-10, 0700/0710/0720 UTC

11166 70202 86541 01079 00049 00000 00000 00000 00000

10541/8113/6791 kHz, 04-10, 0700/0710/0720 UTC

11173/92467611 kHz, 04-10, 1200/1210/1220 UTC

11166 70202 69512 01007 02159

58942 47455 72105 54353 28364 76267 49986 39309 63238 62748
51036 28317 29704 15396 81785 49216 17913 14727 68624 27975
02788 35831 64314 89997 94340 18673 93270 55287 57215 84595
27803 88393 04166 22442 12497 89074 93143 92751 78930 34630
82690 23456 17908 09824 25312 95517 01406 85344 03533 41947
71403 30742 38314 08637 37808 72766 24520 50448 52638 35063
73122 60991 52671 20147 64836 59533 87732 19601 44860 83472
76817 63438 13425 59815 59234 44555 91826 54098 32947 79224
68634 20183 97327 89562 55767 99375 42472 18900 09115 42293
52298 16007 93402 51923 13601 49099 95972 71316 48240 35570
19196 64338 10678 98377 06163 62929 18018 85037 79381 79307
04768 10141 97138 06550 19479 07354 57233 55984 05489 01822
02754 04840 32912 38925 09595 52595 74103 30316 60405 09439
39760 03179 34643 65315 17851 63654 69436 12959 82579 10360
70923 23382 65535 58939 80783 97229 06255 63595 27614 40462
24357 46521 17873 37785 80453 71190 46052 22270 18007 20425
28774 64610 03343 65188 92509 30435 05993 35038 69590 79132
86547 26175 82213 02616 84232 08032 19116 27462 21362 14330
34620 28872 66887 29547 24727 29884 26209 06735 59941 84277
49447 77618 79534 66604 75354 40924 76912 17791 53067 39860
30784 19738 08866 64697 61821 97368 50154 41390 19497 71551
23823 92162 28778 07213 00000

10541/8113/6791 kHz, 05-10, 0700/0710/0720 UTC

11173/92467611 kHz, 05-10, 1200/1210/1220 UTC

11166 70202 14736 04008 01779

26569 95452 43969 10781 09652 71451 59587 30567 34929 18929
49224 73864 96421 98599 44443 13510 08390 07122 30381 59335
15770 23072 44321 94809 96129 10424 61872 51661 51549 71743
31678 27186 13891 68273 44601 73911 11884 49106 48314 16316
73461 56615 43246 74284 61789 00358 20802 97987 68425 16608
29817 43881 12041 55735 82162 46495 16152 64588 33457 65725
64286 56102 99801 14288 56036 83281 96500 95041 12419 59784
09683 02869 03997 94260 36776 70776 00190 30657 56761 64944
63210 11659 16160 58369 35076 07476 41663 37821 91109 77130
15383 23780 58400 54470 73613 08055 22624 76061 15086 38761
71695 93172 29617 07350 49669 35029 83120 17380 19325 15511
19888 39707 56894 00515 68107 83793 27344 78135 59529 39819
13669 98867 99239 71271 98623 78016 46462 62723 22331 77506
92336 52468 64213 09269 45606 04701 22672 27392 62151 00949
90960 01245 79309 55418 52685 86727 40922 83960 45376 37869
24029 81334 65555 25929 03178 86458 13753 58222 13255 40342
02900 13828 96795 66375 78533 38380 46699 27671 24263 65137
80300 41147 50923 54497 05718 08175 00000

11166 70202 25841 04009 02179

16456 18072 91878 18864 15154 86465 32491 35750 71733 45244
81479 34593 27550 92764 63517 78188 68717 95312 63619 34560
25075 25694 38859 29272 00505 58565 13765 16206 95531 27193
82860 83967 08148 71318 68762 40140 23798 30833 09280 40546
30459 64935 71961 55723 19759 01467 19523 91789 60064 46106
74578 07900 52484 06124 57143 97456 05711 08365 93312 25292
90659 16164 18581 37988 60818 74868 24218 89527 49266 40670
20155 49471 78285 72416 12814 85831 42510 91101 21307 39851
51545 36724 80459 34858 43001 77188 04089 86389 01868 48950
06965 05779 47183 34084 08911 14377 71916 03467 69462 10618
47016 80759 26532 57093 25553 06882 37520 79839 07901 09655
46298 97018 53889 08316 24513 19181 52863 07577 60640 88295
87595 60924 95236 47741 52981 07846 25813 60437 15454 14669
29777 17314 24066 73697 78885 03292 09162 40343 43627 12978

29590 12927 10990 33251 54388 84845 64050 34929 89870 23790
96805 40711 88076 57702 62705 61567 97492 72154 80308 18784
42003 48843 44506 93832 38997 99889 16756 73260 92576 77620
92742 80792 22801 64525 70935 13819 16897 73085 70447 26475
13386 10143 71655 26484 55057 85513 78011 77958 71723 69525
22483 27344 78701 29172 67054 94702 01954 97558 68742 97504
65825 56349 10540 99138 04318 35876 20752 99305 81833 62625
29139 08504 34335 08761 33320 09215 00000 00000 00000 00000
00000

10541/8113/6791 kHz, 06-10, 0700/0710/0720 UTC

11173/92467611 kHz, 06-10, 1200/1210/1220 UTC

11166 70202 28371 05010 02339
35022 14652 17707 58637 22039 10266 19837 96509 8217 938201
62354 56808 89715 43512 14072 76252 66505 01776 5928 483417
65949 07603 84113 49216 19148 74196 18028 13262 6046 329880
60233 34540 74652 22531 45605 39845 32773 67869 2986 468404
09051 02526 98676 36122 95886 27834 30370 67906 5919 755285
66943 71487 01274 89576 73072 51177 23353 10200 8779 085019
05072 37496 98522 13742 43021 94128 92188 14974 1554 997892
63024 61145 66037 46825 81844 84524 21814 82521 5640 897813
90899 42623 37594 43754 03777 38398 51054 72172 9235 918359
59054 67900 23362 03852 82167 78016 28253 07556 3552 311843
96967 70831 59298 12125 27591 80853 48124 20850 4917 553462
09118 88127 59893 92684 03207 97569 47713 62844 4944 206624
85775 34209 96994 25270 19668 88113 94502 81549 8878 192489
11485 47333 48939 83744 91473 22794 88474 15925 4159 502997
54960 63103 88242 75066 34769 85924 53563 19347 5265 198252
32432 13015 83520 94846 74595 59559 93633 26012 0168 192590
53355 30167 13762 27392 88688 60251 65156 58668 6376 364918
14150 27926 11472 10456 76337 08912 54431 54364 3626 184562
83470 06528 97034 13892 85825 38931 72655 12259 4021 829838
52661 93451 21034 53388 93855 47024 78751 50534 1876 049326
88846 42275 25493 31660 86323 71095 38773 54007 2809 481582
56705 57755 50365 76132 73071 95864 13236 06686 7978 563923
49694 88448 79221 80507 61189 46516 61081 90301 2697 831341
23513 10231 00000

10541/8113/6791 kHz, 07-10, 0700/0710/0720 UTC

11173/92467611 kHz, 07-10, 1200/1210/1220 UTC

11166 70202 75862 06011 01679
71834 32553 77149 59178 59690 14820 81838 41483 25980 22342
11057 01784 79272 51560 89959 55564 20598 00660 49678 34539
63773 89971 23096 34252 17160 89507 76261 39904 56537 02060
17636 41331 43768 75299 52359 73095 70962 41328 73722 40592
34807 07098 09037 18147 70767 44150 62082 30011 01837 51112
19330 50210 81519 87381 12117 82179 35748 01440 51964 04113
33406 02232 81236 90984 40156 47054 06308 49160 35257 44378
05446 24540 96050 95054 28585 70189 79821 20335 31182 84360
57694 50148 09341 54878 80286 70068 28397 70798 79770 50403
62145 87296 38057 05866 84897 54716 75781 59233 83561 47711
41772 07455 81927 55424 07699 13641 94349 18642 97583 73363
51006 24853 06861 28713 61933 97163 90676 28545 12013 37988
26118 58360 04108 13466 78046 88242 92524 89545 23238 12310
74001 55652 12516 78102 28399 96904 75548 29348 26288 00797
98016 10548 45614 09288 25836 06813 64644 52250 76105 17392
23352 23189 59496 86332 70464 83194 43742 38704 38333 04052
12935 95824 12821 86445 02312 11165 00000 00000 00000 0000

11166 70202 15497 06012 02079
95128 10188 45031 16524 83041 99306 16034 86752 51185 29615
38469 68135 77848 30321 22218 04285 27163 27434 99061 37774
05325 93612 15669 93819 72773 77797 25510 58598 29507 00569

09384 00627 15741 26156 79242 08646 95076 47057 45007 44447
12383 42183 49060 34077 43570 94479 98099 45857 79446 78958
47040 28662 10845 57075 14662 08885 07200 38395 35676 69531
05784 95476 78909 59882 53759 42921 86284 09161 70261 16513
12295 42637 20682 13406 68649 23616 20351 79266 03783 69741
09800 53344 71919 17047 68789 07375 71371 30210 61305 39282
56761 82425 28684 07590 54866 53349 73086 17502 38752 18543
98475 94576 39905 28867 01315 06943 03033 03247 28150 21974
13231 83250 42280 08390 50203 22936 66697 19694 49213 12374
95477 19900 73471 58305 90823 37481 27624 70369 07939 58479
67054 26331 14914 94712 82660 14748 99826 88016 65823 78520
82237 36458 83218 07759 71262 53460 16203 55399 37416 95778
44416 74014 90417 21251 78322 97253 80130 62286 70364 14351
62846 25998 59409 11127 00080 56947 28196 75949 82073 23412
78442 94056 93197 13135 53334 78704 61430 49480 62047 12569
59109 63935 86019 97835 47138 85902 71644 38421 79842 35705
39079 02760 12649 31765 61851 40594 79792 47870 96955 52206
34225 81475 70127 33532 66926 12205 00000 0000

10541/8113/6791 kHz, 08-10, 0700/0710/0720 UTC

11166 70202 69815 08049 00049 00000 00000 00000 00000

10541/8113/6791 kHz, 11-10, 0700/0710/0720 UTC

11173/92467611 kHz, 11-10, 1200/1210/1220 UTC

11166 70202 75013 08013 02479
18005 40478 82852 71650 59662 41837 98286 08314 21994 56286
23039 87502 59416 72571 59225 86654 68474 95176 13024 30498
16918 58426 08960 81176 88098 17250 87475 44887 07902 50544
65500 93454 46364 38076 64689 24288 11211 96848 37027 07151
75449 87884 42483 91185 06256 29354 58406 70631 87299 76986
25343 32669 51725 57713 58971 35832 67962 67458 82828 92424
45549 69032 61541 53377 53174 51067 39215 18982 66103 33915
12699 23945 85196 33458 94394 70197 94681 18773 44308 05887
50901 24574 76023 74008 19194 04381 66293 79093 01107 35345
22924 45413 19136 10679 90658 65110 51164 80611 99727 59722
31800 27827 86763 03509 62793 88304 42775 82046 99729 53512
67846 84500 07168 14880 37270 53039 99435 36502 08796 37803
09250 66993 25670 30889 51357 26448 95174 77763 73381 29430
47337 89564 11070 29941 03498 04717 90114 99289 09441 73300
41749 72817 12749 62610 24299 26408 89099 07347 67879 68713
47158 52868 84420 60045 66785 64955 10217 93866 50224 04507
73181 01809 90967 90624 01998 68174 89987 00506 19344 64836
74015 79593 86402 42497 95556 60421 90809 39224 19341 13580
95264 92213 24875 79255 88958 63709 79803 52773 09032 17024
63753 22575 24234 03595 47355 84082 97978 47006 56134 77874
72979 34934 73938 25620 44663 54921 65621 62196 15525 34957
23637 87447 47643 74763 68253 85996 55519 78752 56070 88571
06435 26572 76521 73264 20521 42196 41048 30179 87720 47480
94648 37886 43832 11132 04463 25136 72817 29023 05111 16265
27582 96796 05442 83724 86380 13245 00000 00000 00000 00000
00000

10541/8113/6791 kHz, 12-10, 0700/0710/0720 UTC

11173/92467611 kHz, 12-10, 1200/1210/1220 UTC

11166 70202 81754 11014 01579
77424 37829 60414 36120 53494 84207 30151 12611 67837 79725
48535 17394 00504 08990 35356 08188 08911 78201 92198 20819
86722 03309 11956 60552 39230 80675 00945 56399 73686 32466
74548 83116 28001 43918 12345 80554 86269 34696 83633 25065
54543 31520 79312 32645 95297 34247 11046 98502 44031 92599
63650 02745 56419 35722 11636 36855 59488 21765 35859 30668
05218 99662 01196 84514 50028 00324 81194 36236 08584 99385
40640 17741 55347 18748 11965 80808 72328 59066 26440 96808

66463 80378 86094 60048 05054 73077 87295 49405 42715 86391
31921 27955 38267 06577 87071 85279 84997 02006 79253 52128
02750 77336 33973 42141 65256 03947 96676 00299 61173 18835
95977 62809 12233 09155 35106 58098 96969 24592 22516 03609
53450 84748 77593 78081 59442 73751 72397 74019 13463 39234
95376 60005 65141 37920 47993 07578 68342 94964 10192 62345
55472 69254 35664 64021 56423 41856 62821 45074 10572 69792
52442 62686 45294 72342 87903 14155 00000

11166 70202 67935 11015 02279
64410 55425 00483 90767 67470 03978 09427 65880 92575 64997
30940 50353 73592 33951 48102 63268 99366 97242 78746 97867
31499 14798 57143 73722 83923 11733 61094 15943 37746 46290
20371 41144 89777 46241 67444 54819 58183 30916 16433 89837
93718 61084 81210 40743 69945 83839 68614 73531 50911 64703
07687 15617 59693 24114 00891 55651 96264 20503 08231 07899
78110 47140 00230 20847 02044 34934 40685 34746 50639 78379
85149 17762 91742 26834 06069 35421 44478 08316 80522 33058
10200 78007 01496 35930 91821 08661 98627 96692 49964 65068
79362 44932 69352 29822 26459 18435 33912 72517 12774 80879
33985 79608 19277 55645 54117 87088 67222 30419 14854 83196
00416 12296 66965 73326 78520 38043 61562 24335 67335 69244
44521 30426 36979 26982 48668 67810 03929 45761 82148 30318
77836 51359 36430 63156 99074 92294 62373 37003 77938 79584
87798 29614 71445 14502 75004 07142 58669 09004 41656 22346
00555 28521 93498 71887 95129 11801 42314 79892 64072 47491
07580 99971 31565 12142 25249 52886 81368 99328 12103 42042
03051 94572 59100 14011 63326 75750 52175 56247 63416 43674
43909 49214 68393 12546 24520 15074 19427 14953 65610 30167
64885 01103 35096 93430 71213 36993 06777 67975 99542 31178
12963 37985 58952 44856 13611 48141 72335 64923 80400 17751
15795 44726 19186 46772 17516 42157 79272 55921 27047 09813
22939 28045 90925 16887 53650 15225 00000

10541/8113/6791 kHz, 13-10, 0700/0710/0720 UTC

11173/92467611 kHz, 13-10, 1200/1210/1220 UTC

11166 70202 58239 12016 02239
71342 45112 84646 43188 02492 68134 47750 56798 51516 70763
11638 45848 24415 71461 85866 19431 48170 87717 45855 69454
31426 83240 87562 37805 69028 34381 78362 64454 51341 20484
27548 33722 64295 67847 24892 60865 91085 01993 20727 86188
51471 87913 45954 68861 39619 63004 95436 97630 46401 92356
23209 60612 77121 01093 22939 41356 00579 63456 92082 33365
90417 53313 03167 90262 44704 85771 30635 53784 94659 04605
06710 26800 38490 95158 04676 83532 61255 27437 73062 34180
26710 59048 69130 86112 52048 52707 65115 68841 01509 87968
25662 14949 59748 71891 79892 14155 70955 78316 36532 82724
54609 70441 15549 15387 33847 86384 94724 11969 37360 92431
94612 95912 60764 33632 50307 66890 98384 36460 43471 54673
81377 43207 93051 66467 83150 82798 28123 44889 77996 07726
91300 78776 63890 51783 46159 34019 85382 88287 87084 96588
17530 93473 75014 44974 96795 44756 47488 94193 09866 08541
76454 78575 76305 97276 72268 65496 86002 00426 57319 17267
77340 19055 57722 43346 67022 58727 86515 10076 67498 60377
16802 00124 52923 73861 68260 38822 59595 03883 55485 29582
31794 82950 71569 65584 48975 51091 05389 09925 95244 46977
16004 61403 57060 40173 12639 48147 60087 59181 13658 16250
81158 94974 82985 05621 96264 84706 67405 30229 50518 05288
83172 04929 61031 31503 25388 86049 88632 38380 98553 17953
39381 16221 00000

10541/8113/6791 kHz, 14-10, 0700/0710/0720 UTC

11173/92467611 kHz, 14-10, 1200/1210/1220 UTC

11166 70202 21689 13017 01179

17122 04028 42508 14855 02197 21460 28139 26266 30136 88542
65227 43808 97004 11945 93833 76352 65007 66917 86376 41828
77956 18404 71944 82520 06534 91077 05230 03519 09271 17995
28543 76495 20186 22547 00313 76002 99024 13398 88545 40475
05032 97101 52648 75133 80199 38083 62079 38961 52920 20664
25246 82958 97991 92836 27099 31849 13908 96452 98849 26429
03367 13534 68256 68759 67943 83379 63921 37360 52860 70163
72015 64628 02791 85702 68892 93641 14637 97098 78018 56543
98214 73919 24650 41701 80791 54624 86707 41823 16406 36917
65279 00213 85907 21706 23187 97361 98662 65371 65059 45058
31857 20016 57344 80208 68324 66394 11702 75540 18861 69206
80213 09407 39942 09436 35845 17115 00000 00000 00000 00000
00000

11166 70202 37158 13018 02359

35526 38259 26422 56737 65904 75119 40153 95501 25027 70949
89039 31872 82874 21719 58270 93525 61510 31084 07810 63656
68769 72570 52028 22884 26571 24888 05060 19779 42299 22586
02814 24692 96685 89228 37594 46569 46640 45270 66239 17440
66450 07832 77751 74275 75806 24558 31322 92889 28076 08741
00710 53586 57266 67904 85910 43224 07127 43028 78038 23404
90805 00613 88371 19448 54518 44754 77503 09871 43651 41429
45513 21031 94753 72180 69124 56637 01834 59372 96765 16811
30419 30230 37478 86387 77804 11823 04615 97140 02926 74199
00253 93618 74305 63855 51276 57285 09500 94715 33051 68652
04486 88828 41632 12074 76428 83952 00449 52920 68266 50221
12402 41792 88548 83087 93296 25479 84960 64714 47579 69337
74989 11016 72276 20789 82140 46529 00110 68613 51169 74306
17702 77734 40750 33013 19819 04179 17029 58419 85580 19899
96479 91477 87592 02147 11533 00164 69912 67086 97376 07280
55809 52332 23405 41404 71245 78097 17717 53163 95014 41651
58126 64032 71483 24752 28118 39839 46858 18770 61171 06166
14937 97160 21911 47826 83264 90000 97504 59618 95631 40251
97754 40533 71869 46453 87320 48606 50859 21539 98502 58599
47700 22432 98036 89709 60983 30152 06322 95475 91097 85082
92535 33086 55498 07107 94059 54264 11904 55294 33659 84926
25326 06826 32859 85799 39890 59844 44945 11172 41378 89916
56029 07992 21432 14801 27625 22471 79355 47193 79158 06406
22446 40165 33864 18233 00000

10541/8113/6791 kHz, 15-10, 0700/0710/0720 UTC

11166 70202 26458 15011 00049 00000 00000 00000 00000

10541/8113/6791 kHz, 18-10, 0700/0710/0720 UTC

11173/92467611 kHz, 18-10, 1200/1210/1220 UTC

11166 70202 21438 15019 02379

15656 05227 20323 83883 26501 10633 46516 26984 84200 17838
14642 20985 85430 01894 33331 50918 39701 07103 82861 86994
17177 54873 98181 18481 11833 28236 35238 04090 87124 68955
00290 37301 96367 48179 46900 50071 95013 96557 70293 03348
87005 04777 53753 37851 72403 30434 46772 83539 88466 72206
79619 51200 61381 97231 44021 54617 10821 32661 94643 36734
74523 57298 51068 98260 45079 54279 04937 52161 36109 10728
61958 52453 20027 75317 73477 70769 04575 09678 37267 19100
40308 94591 72258 42172 76232 76912 96877 27895 05766 68144
65686 09302 70226 30615 44007 56441 12024 12185 25229 81645
94745 15437 20475 06614 32325 12263 75315 64745 94482 39808
93229 37177 80616 38699 70482 45934 79347 19488 72121 52656
55885 68267 03773 36330 34426 27370 58925 48451 67745 12120
46388 69080 11194 49539 27616 12203 43273 49974 18581 53851

99974 47571 35888 81412 15091 70532 91807 87569 83651 27096
67932 57308 90707 18173 22125 21420 72627 12593 08460 74962
03101 45869 14839 84080 21039 28451 47970 29658 42554 74376
20402 61217 24214 86274 19284 59507 69744 57658 61566 31229
97384 78433 65305 84317 10074 54568 91774 57236 35648 77869
38055 00708 29259 06779 84814 35325 55175 44154 28938 33479
90168 22958 55716 99039 15674 35789 30269 43228 90903 69204
12898 80120 24101 28762 28046 90215 84137 65723 41566 25504
19619 41354 25972 54485 77702 89758 18366 70557 39811 65190
00731 12228 16424 84768 57275 19235 00000

10541/8113/6791 kHz, 19-10, 0700/0710/0720 UTC

11173/92467611 kHz, 19-10, 1200/1210/1220 UTC

11166 70202 28641 18020 01859
23583 61243 04089 30034 38268 96727 24129 04940 94431 26247
17861 17453 42184 20537 14913 70476 44851 15256 63673 31411
41744 93548 87845 33702 49686 62454 12258 24596 95501 84105
62577 82511 96652 47640 68655 52484 32203 92784 26169 73115
71302 21027 96238 93457 51380 55326 47745 03285 23230 34298
71984 25174 05181 51809 24392 41842 13535 77915 72996 57178
61459 22088 58301 14401 43532 24667 94280 19778 48109 87466
65174 45361 64716 79480 97769 09153 78649 78628 13866 56152
69967 35469 92593 88725 59063 69821 97287 19720 66014 36243
46603 46778 75880 19282 34550 71274 27149 44460 29146 10321
65514 15915 04367 75279 30179 16634 85087 15208 64850 32229
09700 48694 70647 84184 40087 32502 43077 83509 73659 40468
60288 40745 37118 51097 14778 93250 66652 67280 05742 35718
04244 16582 34261 64838 64778 05532 68507 74077 53639 26357
71151 59474 39481 39591 06166 22424 11866 81003 67220 80360
78447 66281 94830 21292 81395 91900 74477 63125 37750 55628
32863 03701 33381 45090 74502 72505 25254 67845 25834 19962
31683 21397 79033 05275 15260 26584 52731 68731 88141 72792
11802 99425 94401 20183 00000

11166 70202 36987 18021 01939
23237 35160 13999 66613 58454 69722 52515 54424 07135 28740
63084 71683 50578 06972 35781 25197 79908 20560 28938 69687
59056 15698 81199 11823 63619 56675 20546 99098 44041 35525
81231 48276 86538 70426 64572 93053 70230 85065 04513 55671
43884 86151 23921 72120 70737 81249 92538 25661 14818 04148
22535 68322 67207 39917 62590 35084 35684 66880 76455 80413
46182 57650 16917 91864 29503 06446 31121 60402 91721 74860
58165 12162 91714 73280 04929 31320 74266 20126 11056 28765
32167 46123 39034 36253 95760 35775 50317 30745 73363 23227
53407 18607 91011 84722 34863 34352 04950 94817 09140 33636
85316 38558 48224 85162 94460 96803 76993 91215 08320 46879
45224 91479 54307 45744 12212 29863 64136 87877 04913 88980
65025 55050 35571 22015 57718 00179 89744 36615 54761 32453
20686 10547 77469 95921 11007 43754 35020 58712 87563 76548
34115 55099 00503 28588 92651 47576 02408 38349 55819 01146
88476 07776 38097 86994 83675 81787 39549 57765 87799 17342
09882 61577 14382 21736 58694 87025 84391 64827 35353 56308
60650 94876 26935 08692 33909 12685 47675 41502 96523 83721
18356 00810 64668 92928 59072 39020 35014 71887 43818 81542
86827 21191 00000

10541/8113/6791 kHz, 20-10, 0700/0710/0720 UTC

11173/92467611 kHz, 50-10, 1200/1210/1220 UTC

11166 70202 96521 19022 02159
47164 52510 99190 59224 51949 00371 01426 01376 99144 26243
18844 21630 30567 55887 38620 22719 69226 26110 28554 37474
23400 73873 26354 93957 06032 02055 12210 97097 36655 57814
44357 25262 18026 84492 62323 65215 04643 32979 87525 33889

05356 43495 75931 60405 87241 33723 02447 26797 72936 54218
81740 90849 48611 97046 55171 39516 24783 68581 98526 46329
17146 62395 30239 31264 39602 93195 24785 46466 26696 77719
60948 36313 27624 73550 59627 45213 39019 11775 90884 71607
68688 84432 54927 91597 47496 72678 66690 00633 31582 26614
98726 46714 62093 32713 62087 53528 74626 29780 29874 56967
75567 59385 33155 03459 27508 61707 83932 83559 10934 52724
04850 99228 54370 43693 70321 88239 50172 88841 88778 54152
98145 72236 80716 75290 44189 69731 32226 91165 06142 46968
28702 89772 04029 79330 98421 44202 36882 04830 20663 72015
73336 45818 78069 15801 48183 60503 57938 68362 82064 10174
32119 90978 66500 53090 70218 98159 81438 00978 65787 07348
37506 99043 80190 76999 60163 15474 33834 81479 57929 51343
99443 96212 41888 06865 77085 91525 88641 64930 55608 58613
63914 77872 90204 16082 48990 68384 50763 70484 37160 80541
20720 29307 92388 41853 51077 89826 87366 22294 99293 52290
63149 01235 07714 30847 77562 78232 01249 60668 34569 88601
08974 24702 11774 22213 00000

10541/8113/6791 kHz, 21-10, 0700/0710/0720 UTC

11173/92467611 kHz, 21-10, 1200/1210/1220 UTC

11166 70202 64725 20023 01779
77728 42471 07515 32579 48078 56169 73174 83740 03268 54314
01349 44183 64952 68199 38615 72354 28178 62094 26511 51887
65869 49424 51181 83609 07631 80533 50948 67106 66305 69219
17714 51518 10720 50216 53160 60270 08063 84832 65666 19404
84326 56919 18882 44224 76258 26348 67907 63919 73241 32207
44006 88872 72569 62888 73779 50322 96525 35258 43770 67082
44724 50087 46398 18998 80133 15957 68185 31828 72242 58791
06209 03236 45777 59229 23710 24590 08432 85023 80795 78246
56041 10627 01186 15007 78625 41196 60927 41442 15757 83161
10016 71768 34678 28572 62870 23956 29612 45396 18592 64768
65703 90969 96940 33416 16023 90774 00978 98501 65073 49732
42305 27969 77248 88212 89835 76712 53653 19932 28041 21556
25760 13932 35608 98289 59298 07834 20440 20431 66856 64545
71946 84422 52593 89609 16558 90938 37533 51394 87391 36993
38847 71291 44026 58535 01597 76132 03303 28225 06333 29989
67102 38064 01035 87564 58036 21586 30782 36349 98975 95277
63632 19731 97377 23932 36123 58262 20323 39611 66837 11243
71221 68907 11479 45832 04111 23175 00000

11166 70202 39542 20024 01959
82344 38086 95821 63068 34277 00741 88033 38660 83999 03778
53375 06263 77178 98940 42618 55070 11430 07489 02955 00510
36217 13429 12899 02513 62999 08022 73544 65541 84074 77732
17100 25027 23551 52837 18650 49929 68879 58855 22081 16096
56400 38006 16096 30106 09322 32867 21271 08297 51579 49429
74084 40642 46020 41735 18849 94196 30327 85288 43500 35765
49144 31415 20169 78504 05830 59769 36466 82137 82273 71180
28445 61466 00219 88008 51144 82876 22523 54215 47678 53515
17806 52318 02793 32831 36903 79445 91835 21169 74582 49637
61071 05100 14943 14627 00283 64179 83954 20247 93593 68812
57552 40681 59458 23931 98741 57728 15736 38145 22142 77279
30811 23087 09413 00179 46686 52600 23991 89681 84973 36492
98585 02667 71752 88523 93862 76819 42194 93317 51760 90947
10919 01886 91870 40636 19015 10458 24320 96420 93646 02297
77600 36666 81205 57186 64767 72342 39930 58287 36470 05879
02938 51045 94218 91288 47603 33827 62355 87756 32220 84998
42146 23861 85890 56100 96447 14637 62571 85832 38369 98652
95216 14528 22381 87296 10958 03798 61299 43457 93256 91042
17591 31785 01967 33514 42427 07727 87242 21613 60935 37513
58238 66115 27071 24193 00000

10541/8113/6791 kHz, 22-10, 0700/0710/0720 UTC
11166 70202 75391 22034 00049 00000 00000 00000 00000

10541/8113/6791 kHz, 25-10, 0700/0710/0720 UTC
11173/92467611 kHz, 25-10, 1200/1210/1220 UTC

11166 70202 18952 22025 02319
81619 29359 17292 23958 21424 00054 27843 55750 43833 70638
80019 45616 01653 20068 18183 38290 08185 37970 81073 55474
86949 92022 32443 17753 25027 13394 82016 18171 84692 73693
63984 83413 53045 51855 65190 83509 34316 14411 20217 76020
14528 57571 15557 95631 53219 84561 70050 25095 81892 16653
83781 08454 13906 61320 72614 92490 95458 85967 30570 07341
52390 70652 87214 22195 12468 38259 52256 37043 07841 85545
64543 96385 87364 63511 87633 35866 93478 80511 19143 97734
83313 26571 06046 76111 98729 42321 83116 77963 14973 81009
76717 10747 22619 37002 41086 32646 22522 39242 19347 26343
38421 33075 46406 82265 76930 98895 35936 02246 89559 81051
18624 59519 16486 25427 23880 76014 16752 49173 22189 02870
14564 90986 70299 15097 16411 15405 26418 56355 78652 69537
27631 94756 30294 15677 46701 75638 80624 88224 70460 82257
66398 48374 66965 40316 18265 34987 33609 27292 51112 35086
43384 72470 08039 22431 31470 58658 12611 37588 89341 61474
09120 07943 58591 87193 95507 31093 41637 95048 78659 70058
71518 14952 06749 33739 07955 96561 58314 41077 51873 50632
92767 92332 95566 68589 92015 95935 50694 31263 47877 24340
21298 42719 74995 97316 14022 50126 53921 16129 02736 35599
34060 97022 89730 90941 51173 77465 30692 11249 39113 93589
15622 68291 40484 52249 22914 49613 45925 46156 88753 74306
16680 85510 59043 21365 70164 44580 16029 31590 33210 25229
00000

10541/8113/6791 kHz, 26-10, 0700/0710/0720 UTC
11173/92467611 kHz, 26-10, 1200/1210/1220 UTC

11166 70202 47815 25026 01879
74454 17608 34934 49292 84466 25908 29264 93203 05847 44570
94550 45450 25738 85252 43855 20143 33704 65876 92231 94870
04297 67176 58283 12239 73462 58510 11912 12355 69738 97577
91692 13460 86169 33762 40319 82900 03888 69768 31546 65606
03288 61253 87084 62288 23735 59125 06864 74521 57752 24212
61116 58917 90610 68980 17717 57557 21272 05992 03211 96891
25617 07779 20970 72278 47889 07849 74922 60354 31308 97470
72274 26427 23777 97964 03683 19075 19620 13161 24306 69135
23302 91720 84164 35285 46049 54010 81263 63382 71323 63216
35901 51767 50080 45380 09607 39708 11749 88050 17150 61182
01872 72234 05048 31172 82341 17339 95016 56667 55179 43784
15799 89566 95771 82988 71813 63659 06539 89391 22056 82876
26924 34225 67685 52993 60695 85710 71749 73989 06449 05361
59470 35227 02284 15092 72532 80658 20571 14821 75818 36234
73757 55231 40020 16711 17142 95416 48562 54038 59566 00063
02289 14513 17945 55870 20330 96896 76589 11911 60610 28674
37250 73584 08414 02641 70815 04890 06453 21016 06618 18671
24887 39258 20266 59549 94713 26778 05955 09217 52973 86729
44183 68775 73218 02079 00820 26185 00000

11166 70202 85132 25027 01699
56357 58939 12507 50823 55852 78547 56264 73492 65096 86576
17062 38852 89273 47004 80095 74414 48642 49579 11369 71499
81315 67456 64619 13617 53946 54383 86002 93628 16262 61125
14963 11859 60386 75814 04737 72353 70881 17914 10920 19471
76449 40485 21538 81993 39236 20434 27064 16941 42660 41446
53805 70286 63731 99274 09118 96748 40760 84082 11864 05853
72427 19528 06570 26455 09136 63264 84707 06903 22585 98564
61542 93035 64502 71741 81989 51199 50478 55054 53907 28468

29831 39796 32268 67267 27445 89239 02653 16566 68525 06138
37493 06855 22192 94460 23505 81066 24860 20057 83753 98647
69350 99928 42787 54965 70650 74814 08267 83225 44279 44748
67546 31105 58187 72300 22622 29274 44123 83189 11912 94005
79418 18926 92271 31047 75113 21215 79718 32957 31374 52771
72273 87078 46124 84251 03373 36351 87847 01989 99283 60140
68477 16213 38965 67268 77327 74447 39798 18454 61996 09773
17644 20314 67175 78634 94645 58154 67313 67892 53228 59702
54056 75799 59728 06997 64419 96587 06079 27167 00000

10541/8113/6791 kHz, 27-10, 0700/0710/0720 UTC

11173/92467611 kHz, 27-10, 1200/1210/1220 UTC

11166 70202 15937 26028 02659
77844 68891 16782 04490 34237 13658 62346 79551 38608 45157
89836 75858 58875 62327 65696 59404 68837 28278 51056 38747
00805 27194 54997 75080 14734 03756 00412 55304 82304 77272
63402 32763 09372 47700 72154 65350 45240 35755 76216 05662
52186 24286 22127 22893 33679 93103 96329 61154 44721 64467
21311 63906 32763 01383 15895 19190 82616 25939 55638 05351
63817 49842 94259 41934 03853 34345 32043 75447 35723 21761
42146 54670 93242 05742 90764 75203 52536 32525 12076 97945
43173 50308 23906 71181 77350 48969 95056 10972 70597 57304
00235 19528 52413 89960 23507 46271 90279 61285 96238 21243
75500 08234 80436 15577 44283 89563 33434 08704 32525 53478
14878 66981 87714 90915 21916 63441 86409 16672 63565 93332
30715 45544 10164 65159 22203 55673 78863 71885 36707 56292
41097 72011 48444 02048 62949 35197 76878 21099 14381 32123
54783 49163 08237 73279 40931 86716 54977 26366 25847 21519
44064 66993 04071 83665 87953 42378 11356 25335 89616 52700
50250 42448 19536 79840 52492 80388 13111 18158 51660 91010
24412 87002 64515 33095 97220 29670 04471 33451 39288 28450
75630 50851 10761 90487 20828 09985 62693 84130 22108 97617
86612 30452 77089 38149 61034 79630 99644 90751 05909 26896
18324 35271 80898 47694 70985 39098 88455 56794 19045 22172
67610 20999 29792 62323 89422 80159 00213 08134 90035 56177
20754 91500 02261 54688 02467 57105 71635 89094 15962 50948
67892 81665 15626 35168 27774 21365 47522 21311 90134 83107
64426 39243 09267 38132 96423 83900 57382 10166 50513 07054
52193 57090 37654 46280 70533 82769 50685 08336 33945 08755
41571 49100 77176 28263 00000

10541/8113/6791 kHz, 28-10, 0700/0710/0720 UTC

11173/92467611 kHz, 28-10, 1200/1210/1220 UTC

11166 70202 65412 27029 01539
02796 80406 47945 77232 77462 51710 34044 54355 89868 15955
07659 90924 47889 45505 70524 70193 15717 75950 48718 38152
76308 62087 91288 90412 34551 37503 86949 49422 72087 32466
72275 99198 89748 29805 29838 69772 98504 63461 99729 88526
44908 89403 52891 40610 81929 83601 99700 05631 21153 46724
32257 62796 27253 20276 23781 81708 40689 43842 33593 40982
39569 08131 91094 41886 76604 83509 57182 09196 52102 28716
86548 96428 08930 09428 39297 37676 60388 81388 15315 13196
86936 17768 09824 20962 62700 85453 13580 71362 97698 99947
06123 47225 06737 13571 15535 96369 40892 16654 43148 48857
42542 56398 76616 76143 09852 03114 39816 34307 81690 18491
52998 58551 78875 05623 01623 01163 62717 45450 37336 30113
96778 49314 59506 30493 22797 82320 50760 75965 86700 37183
64970 62428 75668 63244 91112 21068 52155 80362 41447 53000
95824 32349 37445 52670 89340 59642 91916 12224 08932 95906
10759 29151 00000

11166 70202 28437 27030 01779
30346 52381 61360 24117 71474 22427 04603 60375 27902 54760
89808 66891 76872 51397 81036 08854 43817 11933 13443 22952
91754 24280 65733 73404 70157 52778 19440 42057 34239 78344
78440 19767 70576 70369 47181 91228 90028 95032 91015 30457
73870 89740 27120 49093 84089 58355 19409 64733 73781 66916
75893 81465 58580 44540 71914 99801 35057 19180 47698 98185
57035 42935 53658 53280 05750 86600 41899 91202 14791 08148
27339 86909 35773 24805 66903 53913 55664 43453 30223 91514
01709 29000 60272 81747 94888 15436 47386 53213 37858 89249
65093 54001 48285 99892 41204 00878 73547 76992 62591 96927
47700 58977 37096 34848 76684 62822 61003 28068 62680 49599
65517 36890 03564 65506 40688 81840 28401 63078 60201 61409
54914 32260 55499 16376 79852 96032 12648 07907 38215 50272
90397 01604 92262 52537 82872 74697 36241 89474 75324 88584
27780 77514 66394 93864 81872 76569 55311 60102 88403 21390
17476 47473 39145 00301 16853 62495 75161 35981 28622 65031
90562 47979 70522 18744 53542 01659 66316 02201 30642 73253
89836 22806 25171 85731 63015 30175 00000

10541/8113/6791 kHz, 29-10, 0700/0710/0720 UTC

1166 70202 75249 29071 00049 000000 00000 00000 00000

Link 80214

15607/13376/11108 kHz, 07-10, 1330/1340/1350 UTC

11166 80214 54178 07036 00049 00000 00000 00000 00000

15607/13376/11108 kHz, 14-10, 1330/1340/1350 UTC

11166 80214 54178 15055 00049 00000 00000 00000 00000

15607/13376/11108 kHz, 21-10, 1330/1340/1350 UTC

11166 80214 97526 21045 00049 00000 00000 00000 00000

15607/13376/11108 kHz, 28-10, 1330/1340/1350 UTC

11166 80214 65489 28051 00049 00000 00000 00000 00000

Link 90117

15843/13471/11122 kHz, 26-10, 1520/1530/1540 UTC

11166 90117 85369 26001 01599
57093 64674 86142 67408 48739 82373 70349 58694 14918 54494
99487 59057 50169 98237 57094 48866 44697 81389 40964 86392
11411 51294 76755 19642 63854 18222 03590 58055 93443 35319
42544 58755 19459 42326 84002 07035 10234 65258 54786 95768
98966 89222 51012 33440 42601 46571 47604 35469 97211 87576
20408 78523 08331 25808 41842 22517 39651 75409 36014 29955
88547 22453 04254 37347 61853 97563 56991 58345 10326 42005
12923 23316 45244 84405 51394 85019 85564 70317 28949 45097
09096 11795 95972 81039 06098 49181 74373 78334 58773 42289
82231 97477 95065 33163 16364 30536 90220 47609 28731 26944
14530 27688 57638 93227 50708 12347 99644 96351 29341 08381
33148 25347 55824 18927 29559 90948 27258 21647 13008 67892
62711 13820 54533 09586 95310 66509 11674 89823 99568 55000
49404 51244 52422 57696 03373 65209 51385 40659 71336 32804
38273 69978 43784 81625 01935 19164 09631 38072 58418 63748
97967 79801 32022 80271 41776 98053 78543 01157 00000 00000
00000

6797/5314/4859 kHz, 01-10/02-10, 0400/0415/0430 UTC	File 04494
5845/5249/4525 kHz, 07-10/08-10, 0400/0415/0430 kUTC	File 04495
5845/5249/4525 kHz, 14-10/15-10, 0400/0415/0430 kUTC	File 04496
5845/5249/4525 kHz, 21-10/22-10, 0400/0415/0430 kUTC	File 44497
5845/5249/4525 kHz, 28-10/29-10, 0400/0415/0430 kUTC	File 44498

20875/17511/15747 kHz, 02-10/03-10, 1500/1515/1530 UTC	File 04488
20875/17511/15747 kHz, 09-10/10-10, 1500/1515/1530 UTC	File 04489
20875/17511/15747 kHz, 16-10/17-10, 1500/1515/1530 UTC	File 04490
20875/17511/15747 kHz, 23-10/24-10, 1500/1515/1530 UTC	File 04491
20875/17511/15747 kHz, 30-10/31-10, 1500/1515/1530 UTC	File 04492

8134/6946 kHz, 26-10, 1530/1550 kHz

File 01060.TLG

11100 30219 56247 26001 00619
64005 28069 60049 35329 98878 28781 46028 30720 70417 94831
95303 58431 46786 21505 31631 48930 13798 80232 98965 30951
34925 62363 99053 13201 28580 09362 61152 26713 48634 59108
92319 70030 79084 63010 81702 24409 78825 53601 57269 31229
37452 67308 18421 48802 28038 52091 92919 30757 67821 14628
91569 93196 22742 86737 59089 62811 16759 15733 44611 23140

13967 kHz, 26-10, 1510 UTC.

File 01060.TLG

11100 90149 35126 26001 00619
49626 62909 60011 24378 92565 50645 78635 90958 61410 17861
45987 65617 31926 95117 48535 24035 74183 66145 46799 53162
19693 47255 91165 24043 94257 95369 80765 79969 27488 99345
38861 07151 74920 34289 03173 80093 13659 83549 54579 98877
97496 58071 32644 60514 82454 67801 11388 31566 58647 24829
33756 14235 49460 82956 28214 23084 63926 43385 55906 14605

10236/8142/6797 kHz, 26-10, 1720/1730/1740 UTC

Files 01070.TLG

11100 60157 41286 26001 00719
43278 24971 94356 16300 78290 60465 11759 91945 44508 55626
28539 83739 58072 72094 32554 04279 23540 15548 41626 64821
82929 99664 17090 11763 41811 95333 03604 94440 52136 63561
87419 25247 56496 95501 90299 17945 23491 08057 41261 15157
28901 68479 93343 40944 62344 46419 77583 39424 64112 16846
11378 85361 21868 62287 03442 77665 81894 47827 22519 51739
54583 67284 22066 71612 18842 84033 38068 87795 55128 14883

X06 - Mazielka

10161 kHz, 04-10, 0646 UTC	MFA Moscow clg 165324 Russian embassy Vienna
11562 kHz, 04-10, 0734 UTC	MFA Moscow clg 432516: Russian embassy Bern
13395 kHz, 04-10, 0817 UTC	MFA Moscow clg 532614: Russian embassy Paris
14615 kHz, 05-10, 0756 UTC	MFA Moscow clg 125643: Russian embassy Ulanbatar
15687 kHz, 05-10, 0825 UTC	MFA Moscow clg 154263: Russian embassy Rome
18206 kHz, 05-10, 0922 UTC	MFA Moscow clg 246531 Russian embassy Accra
16188 kHz, 05-10, 1201 UTC	MFA Moscow clg 325614: Russian embassy Nairobi
14942 kHz, 05-10, 1204 UTC	MFA Moscow clg 325614: Russian embassy Nairobi
14631 kHz, 06-10, 0829 UTC	MFA Moscow clg 362154: Russian embassy Athens
19511 kHz, 07-10, 0713 UTC	MFA Moscow clg 314265: Russian embassy Antananarivo
13338 kHz, 14-10, 1359 UTC	MFA Moscow clg 564213: Russian Consulate General Bonn
14812 kHz, 19-10, 1058 UTC	MFA Moscow clg 246531: Russian embassy Accra
5055 kHz, 19-10, 1213 UTC	MFA Moscow clg 246135
13419 kHz, 27-10, 0810UTC	MFA Moscow clg 465132 Russian embassy Sofia

XPA1

14564/13564/11464 kHz, 01-10, 1210/1230/1250 UTC

554 554 554 1 554 554 554 1 554 554 554 1
00447 00023 74914 27861 91504 51045 87203 36740 39329 29752
65746 21865 46906 74315 51261 17535 64314 29749 61021 39152
23925 30797 35647 31361 14239 03212

14564/13564/11464 kHz, 06-10, 1210/1230/1250 UTC

554 554 554 000
05969 00001 00000 42263

14564/13564/11464 kHz, 08-10, 1210/1230/1250 UTC

554 554 554 000
06385 00001 00000 35266

14564/13564/11464 kHz, 13-10, 1210/1230/1250 UTC

554 554 554 000
08152 00001 00000 32665

14564/13564/11464 kHz, 15-10, 1210/1230/1250 UTC

554 554 554 000
05896 00001 00000 40266

14564/13564/11464 kHz, 20-10/22-10/27-10/29-10, 1210/1230/1250 UTC

554 554 554 1 554 554 554 1 554 554 554 1
00513 00056 76829 61817 22225 35180 89138 15140 75878 06348
39459 65032 60043 64484 84432 63023 51744 30814 65234 13595
08334 19125 34168 48018 49958 25321 65829 61226 20544 46756
62738 51955 91579 68365 17871 60237 55278 58847 45689 89515
09738 93140 80652 43856 85630 61688 91557 53251 10343 30915
00371 30795 57062 82939 41440 57337 99022 93917 46326

18684 kHz, 02-10, 1015 UTC. Unscheduled transmission

471 471 471 1 471 471 471 1 471 471 471 1
03052 00039 06685 85525 55984 74641 33355 10444 12036 81956
61960 37102 55660 72133 80173 34515 65075 13741 48319 65429
69518 60237 91056 05819 34629 06977 70218 69998 11461 38759
16336 23328 91450 98879 05927 10906 28386 07946 35719 07862
49068 (last group was not decoded)

8157 kHz, 16-10, 1000/1010/1020 UTC

471 471 471 1 471 471 471 1 471 471 471 1
01699 00051 52816 29968 21493 35904 89052 64511 97166 96183
05336 19113 61332 62280 74748 40833 63173 25791 63484 74739
74375 67841 00877 20699 04373 40990 02535 20317 56270 65611
77838 30630 68940 85424 26524 42567 94773 34152 14001 67872
10369 11594 04961 20106 33902 76517 64846 90182 18201 74398
66708 71231 46417 34023

8157 kHz, 17-10, 1000/1010/1020 UTC

471 471 471 1 471 471 471 1 471 471 471 1
08442 00067 66219 90831 02312 32472 26494 04819 79604 61887
27916 99468 69715 91378 42633 05275 13500 46234 09133 81544
58192 90685 37716 23700 29927 51305 80820 22571 30470 31061
44432 68917 77526 38504 07996 14114 31791 46404 33403 64217
46921 64460 16774 50611 74550 63960 62049 62574 01792 65667
68190 01314 34863 96387 35861 56534 17383 81038 48331 53153
02783 19485 36073 51925 85093 51555 15094 99452 96285 24613

12167/13427/14972 kHz, 05-10/07-10/12-10/14-10, 0710/0730/0750 UTC

249 249 249 1 249 249 249 1 249 249 249 1
00266 00065 39935 65920 71778 19835 01610 57593 29147 51755
24357 71813 65097 27103 81080 57108 38701 01941 26166 17632
55379 34464 42439 68210 64594 76086 77660 85960 48895 79996
80359 23596 02782 47872 79258 82738 44355 17976 38413 12755
98717 58630 92579 68491 98786 35550 78180 27396 74134 44006
55567 89084 87970 09895 85576 27755 71746 77494 23375 21882
67979 43271 64157 90220 63178 23620 22206 63554

12167/13427/14972 kHz, 19-10/21-10/26-10/28-10, 0710/0730/0750 UTC

249 249 249 1 249 249 249 1 249 249 249 1
00390 00153 46136 67113 75433 81368 21547 96490 30589 66199
77891 52092 85045 21062 83486 43083 81631 68344 17728 72718
07251 51127 42564 37938 35700 30262 16584 87858 99872 64133
14449 96585 44179 34152 04336 63989 52199 75315 69758 12832
12914 03486 32943 51805 70832 40538 24624 65884 00943 58226
85112 00111 23243 12177 62530 83127 25926 99151 73022 17930
91946 67392 84536 78083 18477 93185 85432 80338 42583 60841
54052 39767 15086 16092 96536 09547 51115 59035 79374 56653
47005 86299 87004 02713 71931 19466 03748 61256 81103 19279
22766 11634 88478 52010 27253 81286 49056 77894 43083 44556
96434 15451 70540 09165 64325 92168 83241 60480 61805 87618
70802 20733 64093 17380 25868 17349 13531 99662 50072 71981
70117 88004 42313 62272 83198 25301 36072 91182 27328 96341
12722 26848 14166 14787 01945 86957 81012 05352 54052 95481
55792 26138 32215 19671 24170 14040 61209 75611 69576 38894
04846 20066 57648 67444 80243 60436

XPA2

14537/13437/10737 kHz, 01-10, 1100/1120/1140 UTC

02151 00089 43156 72689 31721 27243 20233 46050 01698 55836
64004 42439 54790 00322 02821 04459 93341 99046 08532 57224
11518 80994 18737 66959 10747 16759 89932 07372 36226 54102
37774 62249 15300 93566 74289 45068 94697 53466 85230 82991
25313 74982 09546 30283 79307 53645 29577 52477 73913 43018
48341 99758 40377 50259 03864 78375 87856 65055 58033 70520
67517 14789 84098 97444 46913 88556 68312 98893 53385 17229
45758 34601 45189 76018 07309 73539 22075 30518 43968 68386
17691 36823 45117 93806 31768 59083 93130 20281 64360 80463
30919 56333

13452/14452/15852 kHz, 01-10, 1200/1220/1240 UTC

02934 00088 90887 48693 85640 27389 39357 70768 89525 31817
79428 77911 36210 88159 72009 08104 74400 66030 42919 27706
74728 35147 89668 95820 74682 03318 21031 11623 10631 05845
53847 91866 56629 36293 60853 36947 00349 52133 22863 13977
20451 92185 02913 57307 58685 06646 90256 93588 67513 27615
39305 65502 24134 35187 75070 68572 46905 38090 43251 64063
84087 46621 46987 20774 77507 13696 06570 71142 65605 59388
13582 98351 52654 72889 18979 79440 08708 40360 99690 65980
74089 82556 61903 99463 17262 57655 84968 34470 24184 53413
04472

17438/16338/15938 kHz, 02-10, 0910/0930/0950 UTC

09681 00052 64496 36945 30455 38397 44079 60172 16710 57239
83886 14156 11192 00869 54549 71894 52882 30235 02998 66797
85056 07018 80553 94886 28295 42066 12934 72110 55195 66571
81976 30098 40022 01421 50705 77728 64759 29419 17195 51654
05296 36712 16053 49918 50574 22191 95560 99990 28417 48948
49604 27426 37759 32848 45334

19633/18684/17454 kHz, 02-10, 1105/1110/1115 UTC

Test message

13906/12106/10906 kHz, 02-10, 1500/1520/1540 UTC

08213 00001 00000 33661

14469/16169/17469 kHz, 03-10, 1200/1220/1240 UTC

01251 00202 86260 84159 27410 17873 54223 54573 76614 06066
82164 77861 56686 89783 65708 08387 36557 90248 96990 09952
29617 90734 53175 90638 97299 05365 36414 34648 93503 38160
59352 28724 43456 46438 39712 31329 93887 66244 26393 13899
58832 56682 22581 77289 92598 72754 49717 24559 56369 00818
64613 79424 10346 02620 21509 56365 57616 26740 51786 80102
15749 94272 08977 12762 28676 50747 83829 62158 53243 27517
59423 30930 03526 23750 35873 10163 54902 44421 73827 05722
53106 06697 45657 47289 36262 70486 74962 04104 51986 42281
71195 32647 44939 99877 92288 03655 01492 91149 59736 94492
55937 46559 83514 26563 19005 15693 66886 62187 02921 14279
07068 67395 96612 84277 89371 42742 84015 99249 14709 56009
52292 87865 97580 39508 83572 50319 36320 84369 14516 69060
54967 43832 32618 27785 08103 18151 93782 78457 67263 64221
24423 85274 74789 31109 28826 56170 79766 44732 69304 36333
60634 12100 37020 67983 72212 15328 07439 65045 06680 09250
93903 42494 07461 01635 73243 94599 44655 27338 25150 09052
74586 70851 15470 70104 37756 39616 86504 22292 15984 61392
89863 20032 17414 70662 11532 11935 45309 01962 46309 23882
62912 57386 28129 80279 53611 87191 25293 94358 72739 46862
41005 76806 70105 25270 47276

13372/14672/15872 kHz, 04-10/06-10/11-10/13-10, 0700/0720/0740 UTC

01958 00105 37636 95360 08221 58886 44383 93959 15900 13789
26939 18375 20925 93821 75145 28310 51838 46007 98229 90021
91917 35823 73358 71096 97429 38945 63721 12116 62898 81807
13265 50050 26292 05480 92126 66940 80420 74428 07173 75989
63271 37427 29116 29194 21757 19399 00052 59913 40486 19345
79058 61116 83303 17048 42368 84381 59734 31230 80471 85318
71993 71573 29747 06031 73469 72471 36473 65499 59801 02864
91065 82807 99844 66423 33920 85317 91317 81431 32617 23326
22589 40624 09907 62623 13536 29416 66538 45921 38978 25590
00669 80367 93421 33621 57928 79688 51844 30664 30699 31886
71555 35017 05175 63866 44148 14620 84284 44314

17471/16149/14406 kHz, 04-10/06-10/11-10/13-10, 0910/0930/0950 UTC

00808 00077 36236 85564 76577 83773 41301 77363 67200 21266
88067 08677 85512 88867 44185 81632 88557 36880 60810 00028
73088 21168 36732 65533 74568 32218 03488 68822 58150 01655
40384 73345 85412 00322 70245 75557 33663 44222 38267 33332
21817 77611 00544 88803 01108 83832 80163 00018 26412 64883
85555 08664 77881 35300 08376 62677 08567 46628 56734 90052
01356 62093 95366 66777 87703 84083 36820 00068 80888 21319
49313 99728 82668 77803 88210 66316 30040 16853 08420 41206

13906/12106/10906 kHz, 04-10, 1500/1520/1540 UTC

08774 00001 00000 36667

14537/13437/10737 kHz, 05-10, 1100/1120/1140 UTC

01646 00001 00000 37255

14469/16169/17469 kHz, 05-10/10-10, 1200/1220/1240 UTC

09030 00162 64201 40789 92390 83185 46664 68762 51901 36806
37429 40582 89594 11627 81887 43006 52292 73078 75770 37853
97735 48320 29924 01628 49000 92892 44743 14089 84120 46689
42926 74459 80307 13088 53429 53282 52309 05851 00529 29850
71867 10825 53553 80860 01756 33694 70510 42056 21798 39894
09096 18627 79602 34101 86836 16868 09923 33348 44020 11577
74540 58520 89459 78242 82987 69614 08868 99207 60222 53363
28156 14758 02924 63245 93972 14004 82710 84697 47496 79805
81106 77640 76524 27281 63497 34014 10814 33752 00962 54646
46332 91122 96287 71996 90035 17594 72752 47322 59324 13923
70763 54554 34555 60218 44908 92808 35187 22334 16814 49061
65049 68318 91530 60538 85444 88272 53264 33610 29584 81807
55908 72560 09977 64258 43484 28800 55434 61048 11082 69648
32896 20419 42209 88531 68378 17695 83171 61779 04803 97795
95465 58825 68274 95590 59387 03531 56226 39669 46108 39275
53203 22666 75633 65732 61762 30984 11506 30582 16553 13160
29454 95384 73204 65062 13464

13542/12142/11442 kHz, 05-10/07-10, 1600/1620/1640 UTC

00312 00278 43514 54867 27101 37749 92850 86661 51402 50533
73647 93706 75424 62160 01407 03164 28240 76953 12628 30007
16490 39475 20604 15182 21197 41697 54771 06537 38736 01106
74450 06535 76160 50114 64996 55711 65116 47082 72927 65449
21432 07847 19386 07086 71993 07024 92350 92068 89104 51161
15892 00160 77439 13526 75051 88979 20655 08322 23707 46217
97795 25443 45895 13991 75533 67683 38802 27661 91536 17467
16739 14345 96102 34529 96791 77422 27130 80239 88884 72997
12365 96324 82458 73030 52250 35410 50338 92698 71780 84718
82672 65155 95947 70199 64857 96824 49410 26306 78626 63381
69844 43304 71731 84373 13283 55753 94459 40289 16577 16444
48979 42200 05925 07662 95447 03842 13486 88244 90926 03787
91722 26560 35942 84653 32320 85491 96736 25028 40892 70143
37699 85708 78961 18046 97462 29398 67217 39275 61703 21957
98454 45134 95544 73744 45858 79455 81587 26870 58704 54597
58408 25746 91021 86647 95468 21654 14711 39538 50685 17073
94383 20572 80144 95192 14873 16194 29579 40540 52287 83876
07550 69011 13641 01855 18460 17606 20619 55251 20138 47598
35566 25622 03577 32373 09115 18713 73192 86547 35587 82982
36987 04509 48676 25945 21219 82058 69488 30182 86224 55547
27710 28498 13368 34936 72908 29812 06358 22192 84678 91964
26821 18059 04153 89663 02221 64308 91571 17296 62546 11401
65996 79309 19384 30143 07777 88375 81370 45366 51989 91797
94059 77087 01331 74304 13134 98058 02765 47267 29218 52895
62230 11182 19339 09107 51322 00156 21562 92139 35186 49077
67874 81148 50232 62057 57803 72218 55059 88089 96592 71376
35780 18676 01625 48025 08846 40762 30136 83835 07213 84994
41144 42583 08644 11500 25791 36733 74051 40835 72329 99494
52313

14672/13472/12172 kHz, 06-10/07-10-10, 1100/1120/1140 UTC

06473 00110 45975 63674 87729 87796 41968 61472 65707 33261
30078 29394 19706 26813 18422 70061 49885 69982 35921 23103
82607 67113 89981 17924 20182 59457 71710 85910 76489 30882
78357 58904 60133 80258 37118 60366 46282 84129 58681 93997
11355 44950 82677 92500 93744 65813 50619 57409 77898 38691
10774 53670 34525 04132 22426 49617 43450 95247 25088 74780
61063 00483 06161 98028 33150 08839 61908 26271 61287 47300
91381 60465 09282 50144 13913 47130 38755 90246 06132 31869
17990 68519 93751 86036 80116 31644 85737 13706 58267 22617
87835 90509 11693 46647 79742 52735 27938 58360 80937 40666
67331 93743 60705 57912 42021 41092 94249 00499 24412 08207
00029 88986 16236

13452/14452/15852 kHz, 06-10/08-10, 1200/1220/1240 UTC

02285 00162 02583 18217 08463 24313 57739 62368 04518 83746
28623 42207 56681 68159 66759 86220 37141 16861 36126 59513
33972 18650 60373 77488 44633 86851 53420 52253 22246 68225
34195 65302 17203 06704 47096 63581 41018 42633 81202 17780
11128 43114 60844 21360 00885 63342 27021 48332 26287 61540
09111 75846 83557 46916 88853 74714 65316 40928 03424 85364
84601 55887 47363 84032 30281 42201 87026 36223 34404 26866
63948 16663 83528 09447 56126 59144 81972 02512 19152 82660
45588 02833 40340 05694 31136 63668 73226 70861 48636 00938
98600 81645 08832 78582 83612 56828 83085 00465 82602 38338
73888 05686 34933 87988 94336 38358 31366 37627 40574 02787
67683 56635 72829 82274 52888 46296 64128 61103 00366 16099
08428 23022 69468 38958 97055 00493 28475 88856 44865 65633
66687 13578 16690 28648 72504 81089 85581 96383 59665 31468
05347 62810 09936 85943 12665 03673 84450 45692 54553 72372
66057 38034 92883 96658 39588 68638 56112 66802 77005 83560
60984 58846 29331 86867 24324

17438/16338/15938 kHz, 07-10, 0910/0930/0950 UTC

08461 00001 00000 33666

14537/13437/10737 kHz, 08-10, 1100/1120/1140 UTC

04876 00001 00000 40263

17438/16338/15938 kHz, 09-10, 0910/0930/0950 UTC

07461 00001 00000 33665

13906/12106/10906 kHz, 09-10, 1500/1520/1540 UTC

04591 00001 00000 34265

13906/12106/10906 kHz, 11-10, 1500/1520/1540 UTC

03137 00001 00000 35256

14537/13437/10737 kHz, 12-10/15-10, 1100/1120/1140 UTC

00705 00024 93567 81231 40360 46006 21586 09104 33836 68632
56003 68437 92877 64260 33929 85231 44343 28647 68680 27056
02249 74664 41374 54430 64069 74973 62476

14469/16169/17469 kHz, 12-10/17-10, 1200/1220/1240 UTC

00497 00198 32065 71744 34590 17900 21581 26034 36437 82816
23281 75045 19631 38217 57778 09237 77887 24719 51049 95963
27489 62864 08546 55300 41154 29532 68699 79877 06906 06725
51925 45058 40040 68069 65415 52326 83431 00103 89835 54833
76207 57026 26811 37188 65099 81030 62280 51374 27011 09157
14413 68855 38058 94554 84199 55767 24757 35558 50850 21258
34082 29459 39473 58665 49019 75301 43608 03785 51839 77086
45829 41467 34940 05039 78062 16646 31119 79944 92113 56210
90418 13295 21543 99095 31502 18919 32054 21307 52161 51793
47108 20916 09123 69344 16644 01916 80460 48755 15128 60877
22312 41369 92400 93029 18628 56712 42482 79370 19402 66406
51913 74079 28022 60676 19196 00898 85527 11898 70263 50106
17634 54637 44731 08849 74256 45231 30933 02604 36574 73430
20576 61057 79886 36842 10426 14084 72620 30855 13750 60796
70433 14251 56667 70999 18154 20765 36217 16394 24314 14387
12077 79500 66670 05203 22808 78710 25291 68692 99002 20877
14449 91984 70077 96718 11054 97072 96712 50365 96882 29965
44810 53137 26601 57453 63239 97319 06815 83660 08416 25583
52792 73638 59945 78715 07822 55870 46677 64333 63450 37688
82350 39787 05585 72446 38883 31559 33488 59962 95494 75311
44763

13542/12142/11442 kHz, 12-10, 1600/1620/1640 UTC

09451 00001 00000 33666

14672/13472/12172 kHz, 13-10/14-10, 1100/1120/1140 UTC

03587 00084 21415 61044 23681 75930 76512 04760 44761 34666
44629 97871 00448 18457 42753 20482 18539 56310 08574 23042
41650 20219 86134 44505 62682 71945 80055 19603 33832 49741
49949 95593 39303 48964 42522 91674 57787 68972 68539 59014
74349 88345 67366 72938 86750 78832 75797 54164 07880 44458
72156 46182 42699 39607 36929 50310 07624 32347 44125 24851
45228 90787 13598 74372 43108 63936 05988 16421 85195 39631
64418 09058 41049 70621 94146 57572 51021 16827 67067 96271
80486 79908 75792 01392 27674 56061 61063

13452/14452/15852 kHz, 13-10/15-10, 1200/1220/1240 UTC

00693 00142 53294 76730 98614 87374 14914 17545 57621 65768
04882 78892 98409 34271 77466 42288 80821 92448 62820 19600
68537 68424 02726 64292 54385 08035 82595 29896 65285 69913
27670 36118 01008 63110 25212 49635 16348 75814 53443 99161
04656 46483 42464 15919 47490 00063 62979 54551 49127 55561
03503 53783 88929 09814 65381 78174 05817 13397 13891 50923
17847 03144 78559 51499 12833 13094 58722 31478 84536 74808
81498 90918 28142 84317 54335 48829 86192 16374 63004 70577
86486 65505 96122 27811 89767 37525 27995 52339 33362 74268
48443 36086 25663 41412 54572 89922 37327 48510 31054 15060
12100 85317 00650 40517 73044 32058 78710 97783 88062 20698
78829 28986 28176 17329 48153 18594 41683 99064 88335 63686
48238 71816 57581 65158 16013 03021 23196 02070 75367 05307
01514 22066 07814 76003 08274 95439 87230 13245 10914 76178
00100 43843 40099 37503 63431

17438/16338/15938 kHz, 14-10/16-10, 0910/0930/0950 UTC

00279 00058 23816 68447 11082 28916 21693 82073 75907 03810
27103 96211 16503 97160 76969 05066 18081 14021 00389 56876
74578 75933 68566 87671 40233 71203 19641 89430 68108 50988
52987 53711 75312 76302 60376 70801 92911 50886 53563 32115
27490 06573 95318 13993 01899 86848 61742 34136 71856 23409
57359 76449 01755 99747 42559 04432 79605 11644 95606 78231
60707

13542/12142/11442 kHz, 14-10, 1600/1620/1640 UTC

07465 00001 00000 35665

13906/12106/10906 kHz, 16-10, 1500/1520/1540 UTC

09422 00001 00000 34263

8157 kHz, 17-10, 1210 UTC. Unscheduled message

09663 00086 21656 14302 45258 47023 81753 18042 73088 02921
91250 82076 78017 03014 23975 05378 17713 69155 98384 93817
61779 52509 38394 90970 12565 30025 76191 90918 43161 05434
84005 46125 51242 66385 91796 81944 86776 25136 29762 31634
31585 76147 37676 93489 05912 03163 64591 60929 54663 52993
96844 82364 45410 82660 94183 68386 73234 96053 46285 00554
36384 45917 98596 03071 11035 22232 62843 10399 47973 61324
79842 15031 22581 60154 09176 42299 18085 63412 59987 21166
50774 77178 93149 31625 26939 09393 20623 10347 10507

13372/14672/15872 kHz, 18-10, 0700/0720/0740 UTC

02166 00001 00000 34660

17471/16149/14406 kHz, 18-10, 0910/0930/0950 UTC

04208 00001 00000 36244

13906/12106/10906 kHz, 18-10, 1500/1520/1540 UTC

07714 00001 00000 36660

14537/13437/10737 kHz, 19-10/22-10, 1100/1120/1140 UTC

04716 00078 37711 57247 54594 63286 59944 36473 32455 73872
82044 75657 59235 32545 26623 10916 97838 39559 74535 71096
67221 10084 31547 20869 14902 62425 56086 22526 46440 73398
95245 72853 27670 71066 45146 85073 40802 75017 96043 48718
44639 52196 35295 94954 67368 07073 09359 76250 34243 87891
16700 06561 00614 75485 10726 71935 82986 01371 68116 39894
51222 92745 24326 19348 56277 50180 99256 43831 95613 18998
72902 20750 05575 02808 99563 73686 09006 05831 87703 49298
31450

14469/16169/17469 kHz, 19-10/24-10, 1200/1220/1240 UTC

04464 00146 47559 04785 89360 65719 64515 02875 28523 68840
72513 73404 24604 61121 05336 62311 08860 05526 59404 69605
36606 31259 16052 12395 50037 65519 99867 73524 76425 73668
53738 40552 25543 31363 04980 92813 48873 86459 94257 58578
87177 48710 60750 30920 14781 69422 47338 07938 22552 47079
84190 94973 94771 85835 96797 03667 73989 99388 95893 35114
39793 83112 68046 44945 48877 04358 87475 34647 03494 90113
94256 06543 60604 64856 66689 86817 96443 67891 86120 11347
26736 71532 26354 76497 74755 22571 34035 73392 47308 80338
33325 39893 18975 80132 56588 41001 64962 20351 68448 59694
52615 31040 86725 29276 71304 64112 46064 49725 99738 73371
53565 09219 69227 32030 33495 42534 62597 22866 49524 47112
32873 73118 25838 07875 07913 02943 85574 57071 63104 07381
83517 49204 61610 71678 38819 26622 09958 75637 34804 19136
02963 32748 67141 99467 72049 22738 43472 62004 42107

13542/12142/11442 kHz, 19-10/21-10/26-10/28-10, 1600/1620/1640 UTC

07585 00206 07603 43823 50170 01646 57784 54076 98087 99761
96247 90340 86906 99635 12622 50822 40280 23697 15885 98530
59286 33366 68483 94281 67344 76596 35259 60904 00523 83739
05489 55585 51865 83053 28474 97853 33321 19298 55226 84681
93543 39931 73035 30243 32338 07561 93770 02205 68381 47685
29528 16103 70253 76808 71292 80216 65247 63745 23718 25414
34976 16970 99586 73257 67481 98739 40762 89144 40447 67299
54118 28922 65133 57450 59407 92702 10095 42763 54020 97232
48273 99949 33386 21059 84853 42728 48458 36615 75181 90312
79009 26388 39252 88218 85513 49418 42636 40343 33992 96479
89759 73674 20437 26136 66011 51285 48051 66998 61233 09593
56521 44039 90802 81814 06175 77063 44306 85224 59373 67867
49942 46452 94661 38525 82182 67827 00813 17792 32393 04407
44601 12481 56378 85911 85148 40235 66519 51094 85428 40794
97626 60568 51064 45967 97050 30163 00643 30325 24962 46623
63100 53778 27974 42930 13638 46813 54015 83367 98668 64217
30356 68852 18435 51731 46771 38094 02998 32163 02583 17012
61800 30797 36490 78700 31271 33860 00541 87672 56732 25757
08460 81566 09898 41642 39815 77875 52300 51115 31513 64643
03374 76974 10958 07703 21752 94996 25702 04218 16313 56434
37797 66758 19497 89546 06123 51538 37631 81585 17570

13372/14672/15872 kHz, 20-10, 0700/0720/0740 UTC

01582 00001 00000 34661

17471/16149/14406 kHz, 20-10, 0910/0930/0950 UTC

08699 00001 00000 40671

14672/13472/12172 kHz, 20-10, 1100/1120/1140 UTC

07157 00001 00000 35264

13452/14452/15852 kHz, 20-10/22-10, 1200/1220/1240 UTC

00724 00032 58310 11791 97017 10698 19327 46650 55382 25664
91151 71612 95997 91903 27222 41439 40622 72217 34288 85193
15656 54117 96727 17409 88230 44749 39780 33486 59957 71723
56947 26001 42115 43105 54206

17438/16338/15938 kHz, 21-10/23-10, 0910/0930/0950 UTC

02064 00066 74123 28856 11666 09122 42886 43231 53278 56963
00203 72609 94360 37574 38140 61262 24997 20967 41367 80294
10173 87737 61388 18630 69675 03657 86246 20778 31150 64922
22625 85740 83207 72847 06308 12445 26083 60462 23373 83234
47501 89929 90233 01223 79464 82376 76630 10312 48769 72617
54810 97881 33568 00327 00020 80140 30865 65737 77388 62081
61898 12069 77428 55864 62417 53332 03568 65642 42764

14672/13472/12172 kHz, 21-10, 1100/1120/1140 UTC

05286 00001 00000 35265

13906/12106/10906 kHz, 23-10, 1500/1520/1540 UTC

05466 00001 00000 36263

13372/14672/15872 kHz, 25-10, 0700/0720/0740 UTC

03371 00001 00000 35262

17471/16149/14406 kHz, 25-10, 0910/0930/0950 UTC

04208 00001 00000 36244

13906/12106/10906 kHz, 25-10/30-10, 1500/1520/1540 UTC

00496 00201 78722 16498 99507 02954 14770 33979 30849 15705
30272 49023 64080 75923 42265 25667 44116 71734 56247 82082
80246 66730 04514 01370 51422 49150 01356 49718 49934 37110
95637 38057 56037 49682 26385 39598 26704 68472 42874 07514
09681 61174 32903 53987 09655 16290 86642 67454 30657 43712
90496 64248 58521 86169 45329 94683 60521 23652 94257 07640
23381 78976 17219 56913 41666 91828 39139 47048 71234 64170
18417 38360 47267 71282 10884 44130 68853 74754 92599 43273
99205 49574 65110 48950 31341 58597 94602 33835 10729 79929
14338 49903 54945 92937 67610 68532 39378 44629 24345 13243
70809 02836 14260 40079 29759 23231 49621 50840 67565 65510
97303 48051 13822 62315 02146 17903 24961 07274 47373 69865
20254 10121 94015 17421 13702 88916 28637 00213 19335 07477
98155 25995 98097 03735 79657 67054 53954 49407 99472 18243
11049 90728 32013 22159 04414 65507 40212 80391 54661 02856
34322 06756 22691 58292 82313 48220 02734 88421 28200 25890
04778 00474 15910 71589 16281 84073 20733 25318 01653 60445
64861 35774 82813 70861 45419 42321 96273 40311 74174 29409
46447 42897 51421 59927 28934 16660 12343 55786 54512 99400
58880 40018 40086 87455 65602 13370 37518 63601 23426 60935
76606 38806 37423 57331

14537/13437/10737 kHz, 26-10, 1100/1120/1140 UTC

01858 00001 00000 41256

14469/16169/17469 kHz, 26-10/31-10, 1200/1220/1240 UTC

00309 00206 49978 40349 38824 16145 28523 48273 25433 31194
91282 59082 36669 02157 81711 79294 80330 57654 13652 18363
23606 70750 40137 64077 93880 81198 29260 00731 59657 33271
34722 62468 55798 96061 52251 27548 03541 11466 68216 62906
75894 38225 72941 48984 83587 52183 72268 82228 57725 70604
72534 76242 38938 44713 78307 29665 94620 62703 92667 19484
14614 91577 85243 86271 06770 40248 25356 38067 97750 08327
42270 10984 39693 88139 80921 97540 68197 67836 29850 90810
29591 81369 01753 29947 03086 41120 60015 91229 97903 84656

58624 00822 24241 18369 08034 22217 12053 00469 02749 03380
51657 87712 04632 13369 53499 44530 21608 84574 55651 29934
22331 42985 36996 47793 15091 61371 90737 74437 05477 87836
33950 39110 97005 51541 85817 39619 02035 77609 54039 11770
71976 10879 51980 50507 01398 58473 79575 96326 65081 20316
45350 84544 08516 90772 75456 07053 87235 93728 48256 34448
98325 46571 77603 68065 37049 38142 02754 34427 82311 41632
88970 12968 63099 90309 38657 46317 19664 45271 08040 88178
77418 13244 86245 78566 61066 55669 95379 17495 38495 70811
25147 88113 23444 41944 93376 36989 89415 60067 37276 31860
38121 68540 81177 62871 22627 74841 39072 33150 72441 62830
10257 25572 99182 75290 79049 94692 06547 30373 52457

13372/14672/15872 kHz, 27-10, 0700/0720/0740 UTC

09750 00001 00000 34666

17471/16149/14406 kHz, 27-10, 0910/0930/0950 UTC

05593 00099 67760 74267 59577 56245 26535 91384 04074 16979
64795 54620 06487 15296 56961 31607 18950 01682 99937 34191
37248 24683 75367 71715 29583 94195 94731 47191 80486 26413
00671 40454 31671 07829 30391 43003 93454 78278 36604 92037
79063 79401 15587 87711 47493 06148 29188 45310 50776 10154
15276 32793 38051 13379 34462 37442 55964 24456 89066 17729
78146 77043 30937 58005 35714 43428 12987 11538 57803 92086
64535 55391 54902 16026 06978 19398 16164 68967 81094 00896
56200 59481 00260 21065 87590 41492 85568 97433 92342 37838
65812 35797 61278 13678 94132 70944 23549 60470 09894 57806
14912 07370

14672/13472/12172 kHz, 27-10/28-10, 1100/1120/1140 UTC

02653 00082 41297 91194 38995 40303 99546 56461 66773 67241
71823 72202 61266 34311 79872 48762 48947 53047 92020 16261
22530 25266 66758 80041 31607 05212 92321 45848 19554 30760
42710 55508 40915 38774 05522 32427 84567 47374 90017 68003
02350 25489 46385 64646 59208 26625 15405 68205 41552 63000
08851 67859 00248 79504 79427 09174 98886 92507 42022 55587
92300 05251 99251 31030 72563 62625 78278 64364 55781 29834
21322 92515 33783 85147 06802 99959 99801 28591 48640 11235
10019 56418 90463 19642 22355

13452/14452/15852 kHz, 27-10/29-10, 1200/1220/1240 UTC

00382 00188 13099 08588 42347 76868 79197 38293 16002 70402
70295 57338 98850 31913 71831 90337 45257 47238 68078 06917
53537 46964 54206 28609 35189 97674 21850 84557 05475 01856
75354 39332 49332 01729 50773 66761 62615 45029 76717 66085
37361 92460 99545 72941 49852 26724 21106 30006 13274 10669
55840 56342 26341 39959 56299 07678 65965 22784 02163 72270
28419 95071 47045 90299 42739 45303 05434 15125 49335 05727
16812 13615 36845 91191 73920 40262 34660 91194 95969 45884
90673 37842 13564 72164 57605 04086 70265 20814 04904 49969
46708 31270 36325 12845 05287 90458 14866 25480 82940 86845
21590 48403 57703 13442 45239 39401 87021 24476 68427 09174
91494 51306 15725 54470 08826 54365 44050 49376 54684 33786
94792 79690 26033 72893 95906 19793 54685 91394 31441 19184
12492 92327 50435 11661 94604 53453 76048 75397 52324 32735
15865 32440 40497 60045 72482 66981 22379 20914 08009 92742
50231 18442 49780 38576 64800 03139 13622 76673 81411 34129
45457 14752 34443 67923 09985 32479 75215 19601 59800 13286
46133 41841 18413 72755 82498 70778 17517 21062 77654 44733
23647 35769 16613 17316 93221 54381 82228 16325 25941 80964
24223

17438/16338/15938 kHz, 28-10, 0910/0930/0950 UTC
02855 00001 00000 37657

14537/13437/10737 kHz, 29-10, 1100/1120/1140 UTC
06884 00001 00000 37266

17438/16338/15938 kHz, 30-10, 0910/0930/0950 UTC
08704 00001 00000 36660

XPB1

A tsunami of XPB1 transmissions popped up in October. The list is far from complete. Both 16bd and 32bd was used. Mostly short lived schedules and some are still alive during the first days of November.

7534 kHz, 01-10, 1700 UTC
7649 kHz, 01-10, 1705 UTC
8148 kHz, 01-10, 1720 UTC
8094 kHz, 01-10, 1725 UTC

18246 kHz, 02-10, 1130 UTC
18379 kHz, 02-10, 1135 UTC
17424 kHz, 02-10, 1140 UTC
17454 kHz, 02-10, 1145 UTC
18246 kHz, 02-10, 1150 UTC

8157 kHz, 16-10, 0610 UTC.
8148 kHz, 16-10, 0620 UTC
8084 kHz, 16-10, 0625 UTC

7534 kHz, 17-10, 1430 UTC
7649 kHz, 17-10, 1435 UTC
8157 kHz, 17-10, 1440 UTC
9238 kHz, 17-10, 1445 UTC
8148 kHz, 17-10, 1450 UTC
8094 kHz, 17-10, 1455 UTC

17472 kHz, 22-10/23-10/24-10/27-10/29-10/31-10, 0700 UTC
16305 kHz, 22-10/23-10/24-10/27-10/29-10/31-10, 0710 UTC
15856 kHz, 22-10/23-10/24-10/27-10/29-10/31-10, 0720 UTC

8145 kHz, 22-10/24-10/29-10/31-10, 1300 UTC
7751 kHz, 22-10/24-10/29-10/31-10, 1310 UTC
6954 kHz, 22-10/24-10/29-10/31-10, 1312 UTC

8107 kHz, 22-10, 1600 UTC
7543 kHz, 22-10, 1610 UTC
6843 kHz, 22-10, 1620 UTC

7534 kHz, 22-10, 1705 UTC
6843 kHz, 22-10, 1710 UTC
5875 kHz, 22-10, 1720 UTC

20083 kHz, 23-10/24-10/31-10, 0700 UTC
19309 kHz, 23-10/24-10/31-10, 0710 UTC
18238 kHz, 23-10/24-10/31-10, 0720 UTC

15825 kHz, 23-10, 1110 UTC
14354 kHz, 23-10, 1120 UTC

10154 kHz, 23-10/24-10/26-10/27-10/31-10, 1400 UTC
9387 kHz, 23-10/24-10/26-10/27-10/31-10, 1410 UTC
9057 kHz, 23-10/24-10/26-10/27-10/31-10, 1420 UTC
8136 kHz, 23-10/24-10/26-10/27-10/31-10, 1430 UTC
7465 kHz, 23-10/24-10/26-10/27-10/31-10, 1440 UTC
6726 kHz, 23-10/24-10/26-10/27-10/31-10, 1450 UTC

12214 kHz, 23-10, 1200 UTC
13393 kHz, 23-10, 1200 UTC

12214 kHz, 23-10, 1209 UTC

13462 kHz, 23-10, 1220 UTC

20658 kHz, 23-10/24-10/27-10/30-10/31-10, 0800 UTC
19548 kHz, 23-10/24-10/27-10/30-10/31-10, 0820 UTC
18058 kHz, 23-10/24-10/27-10/30-10/31-10, 0840 UTC

17442 kHz, 23-10/24-10/27-10/30-10/31-10, 0800 UTC
16153 kHz, 23-10/24-10/27-10/30-10/31-10, 0820 UTC
15964 kHz, 23-10/24-10/27-10/30-10/31-10, 0840 UTC

12916 kHz, 26-10, 1118 UTC

11123 kHz, 26-10, 1220 UTC
13545 kHz, 26-10, 1230 UTC

11453 kHz, 27-10, 1300 UTC
10434 kHz, 27-10, 1310 UTC

13959 kHz, 28-10, 1035 UTC

Monthly schedules

16245 kHz, 02-10/06-10/09-10/13-10/16-10/20-10/23-10/27-10/30-10, 1100 UTC
15825 kHz, 02-10/06-10/09-10/13-10/16-10/20-10/23-10/27-10/30-10, 1110 UTC
14925 kHz, 02-10/06-10/09-10/13-10/16-10/20-10/23-10/27-10/30-10, 1120 UTC
13525 kHz, 02-10/06-10/09-10/13-10/16-10/20-10/23-10/27-10/30-10, 1130 UTC
12125 kHz, 02-10/06-10/09-10/13-10/16-10/20-10/23-10/27-10/30-10, 1140 UTC
11425 kHz, 02-10/06-10/09-10/13-10/16-10/20-10/23-10/27-10/30-10, 1150 UTC

14462 kHz, 02-10/04-10/09-10/11-10/16-10/18-10/23-10/25-10/30-10, 1200 UTC
13962 kHz, 02-10/04-10/09-10/11-10/16-10/18-10/23-10/25-10/30-10, 1210 UTC
13462 kHz, 02-10/04-10/09-10/11-10/16-10/18-10/23-10/25-10/30-10, 1220 UTC
12162 kHz, 02-10/04-10/09-10/11-10/16-10/18-10/23-10/25-10/30-10, 1230 UTC
11562 kHz, 02-10/04-10/09-10/11-10/16-10/18-10/23-10/25-10/30-10, 1240 UTC
10962 kHz, 02-10/04-10/09-10/11-10/16-10/18-10/23-10/25-10/30-10, 1250 UTC

9323 kHz, 03-10/05-10/10-10/12-10/17-10/19-10/24-10/26-10/31-10, 1900 UTC
8123 kHz, 03-10/05-10/10-10/12-10/17-10/19-10/24-10/26-10/31-10, 1910 UTC
7723 kHz, 03-10/05-10/10-10/12-10/17-10/19-10/24-10/26-10/31-10, 1920 UTC
6923 kHz, 03-10/05-10/10-10/12-10/17-10/19-10/24-10/26-10/31-10, 1930 UTC
5823 kHz, 03-10/05-10/10-10/12-10/17-10/19-10/24-10/26-10/31-10, 1940 UTC
5123 kHz, 03-10/05-10/10-10/12-10/17-10/19-10/24-10/26-10/31-10, 1950 UTC

13471 kHz, 04-10/05-10/11-10/12-10/18-10/19-10/25-10/26-10, 0500 UTC
14771 kHz, 04-10/05-10/11-10/12-10/18-10/19-10/25-10/26-10, 0510 UTC
15871 kHz, 04-10/05-10/11-10/12-10/18-10/19-10/25-10/26-10, 0520 UTC
16271 kHz, 04-10/05-10/11-10/12-10/18-10/19-10/25-10/26-10, 0530 UTC
17471 kHz, 04-10/05-10/11-10/12-10/18-10/19-10/25-10/26-10, 0540 UTC
18271 kHz, 04-10/05-10/11-10/12-10/18-10/19-10/25-10/26-10, 0550 UTC

DIPLOMATIC STATIONS

Egyptian diplomatic stations

17425 kHz, 01-10, 0733 UTC, SITOR-A 100/170	followed by CODAN traffic
16030 kHz, 23-10, 0832 UTC, CODAN-16.	99903: MFA Cairo message to 11104: Egyptian embassy Berlin
16031.7 kHz, 23-10, 0903 UTC, SITOR-A 100/170.	i.p.
16066 kHz, 23-10, 1209 UTC, CODAN-16	MFA Cairo message to 44405: Egyptian embassy Jakarta
16067.7 kHz, 23-10, 1200 UTC, SITOR-A 100/170	MFA Cairo messages to Egyptian embassy Jakarta

CLANDESTINE / TARGETED RADIO & JAMMERS

Russian-Ukrainian radio war

7058 kHz, 01-10, 1345 UTC, LSB	Loop transmission with excerpts of radio programs. Propaganda
7055 kHz, 01-10, 1347 UTC, LSB	Loop transmission with excerpts of radio programs. Propaganda
7050 kHz, 01-10, 1411 UTC, LSB	Loop transmission. Propaganda
7055 kHz, 15-10, 1330 UTC, LSB	Exerpts from radio programs, propaganda. Led Zeppelin music
7055 kHz, 19-10, 1436 UTC, LSB	Anti Russian slogans and insults. Loop transmission
7055 kHz, 29-10, 1603 UTC, LSB	Propaganda

Radio Popolare Italiana

Pops up on frequencies between 7200 and 7215 kHz.

It transmits no-vax ads, messages against the system and the Italian government, etc.

7201 kHz, 19-10, 1410 UTC, USB	Italian clandestine "no-vax" station
7201 kHz, 21-10, 1140 UTC, USB	Italian clandestine "no-vax" station

Target: Turkey

11530 kHz, 28-10, 0730 UTC

11530 kHz, 28-10, 0730 UTC

Radio Dengê Welat, Kurdish program targeted to Turkey

Radio Recep Erdogan jamming Radio Dengê Welat.

UTILITY ROUND-UP**North Korean military**

3603 kHz, 09-10, 1406 UTC, i.p.

VVV 93Z DE 3SC QRU

0579 ...9SK SK TT

US Military

Earlier this year we copied US military exercise comms in Contestia 8-500, sending 5-letter groups. The station was back again at the end of October. This time, the USB frequency was 7899.3 kHz. The Contestia 8/500 station transmitted on 31-10 at 1500 and 1510 UTC.

This is the received 5LG text, which was sent twice at 1500 UTC and once at 1510 UTC on October 31st. It was copied by JLM.

UILNG SVXLN NZMWV IURIH GYIRT ZWVGL URIHG YMLFI KOZMH ZIVYV
 TRMMR MTGLX LNVGL TVGSV IHVXL MWYZG GZORL MGIZR MRMTD ROOYV
 XLNKO VGVWH LLMUR IHGYZ GGZOR LMRHH VGGRM TGSVX LMWRG RLMHU
 LILFI MVCCK SZHVL ULKVI ZGRLM HXLMG RMFVG SVNHR HRLMZ HKOZM
 MVWIV XVMGF HZMWG HUZYG RLMHS ZEVML GWVGW IIVWL FIIVH LOEVK
 VIHLM MVOHR CMVDI VXIFR GHVMI LFGVG LNVIR WRZMU ILNHG ZIPER
 OOVVG Z6MLE LXG!!

The Atbash Cipher Decoder (<https://www.boxentriq.com/code-breaking/atbash-cipher>) decoded it as follows:

FROM THE COMMANDER FIRST BRIGADE TO FIRST BN OUR PLANS ARE BEGINNING TO COME TOGETHER SECOND BATTALION
 TRAINING WILL BE COMPLETED SOON FIRST BATTALION IS SETTING THE CONDITIONS FOR OUR NEXT PHASE OF OPERATIONS
 CONTINUE THE MISSION AS PLANNED RECENT US AND TSF ACTIONS HAVE NOT DETERRED OUR RESOLVE PERSONNEL SIX NEW
 RECRUITS ENROUTE TO MERIDIAN FROM STARKVILLE ETA 6 NOV OCT!!

EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
01-10	2013	Blue Stone	30 chr EAM RVPGLZ HQNLDUNUOTHK5DUUIQKGOYDE
01-10	2302	Blue Stone	30 chr EAM RVSVDU JQLCUO2UCIXEYOMTTJUJZ626
01-10	2307	Blue Stone	30 chr EAM RVSVDU FSX44TUDU4RZB6VZXAD7YWLWX
01-10	2310	Blue Stone	30 chr EAM RVAI3V ZPW32Z4KHAKIHMGYCE2FXN7B
02-10	0558	Binocular	30 chr EAM RVF6IR TCSUOKYYOIQVPVVOO34IXPD5
02-10	0601	Binocular	30 chr EAM RVF6IR TCSUOKYYOIQVPVVOO34IXPD5
02-10	0605	Binocular	30 chr EAM RVNXQN AEJRYIKBPTJEV5IFQDS6JAH7
02-10	0619	Binocular	30 chr EAM RVKIB4 GYASRNG7C2P6ABZYS4AZ6BIG
02-10	0622	Binocular	30 chr EAM RVKTE2 SJVONVR7KBR4JVMW6CF647ZR
02-10	0629	Binocular	30 chr EAM RVKTE2 SJVONVR7KBR4JVMW6CF647ZR
02-10	0632	Binocular	30 chr EAM RVKIB4 GYASRNG7C2P6ABZYS4AZ6BIG
02-10	0635	Binocular	30 chr EAM RVNXQN AEJRYIKBPTJEV5IFQDS6JAH7
02-10	0638	Binocular	30 chr EAM RVSDJF SVWCGFYBA2CGOHQW4UAEONZ
02-10	0642	Binocular	30 chr EAM RVSDJF SVWCGFYBA2CGOHQW4UAEONZ
02-10	0644	Binocular	30 chr EAM RVS44I ZYMGLINJSUA4KOTLRRLP56R2
02-10	0659	Binocular	30 chr EAM RVS44I ZYMGLINJSUA4KOTLRRLP56R2
02-10	0701	Binocular	30 chr EAM RVSDJF SVWCGFYBA2CGOHQW4UAEONZ
02-10	0704	Binocular	30 chr EAM RVKTE2 SJVONVR7KBR4JVMW6CF647ZR
02-10	1718	Binocular	30 chr EAM RVSJVV DMPWNO2S4OUFPGAD2RYNQDLR
02-10	1831	Binocular	30 chr EAM RVHUSS IZPGFFLPV7IPARQWQ2IBHCPJ

02-10	2226	Binocular	30 chr EAM RVRHOG IMFTKRDAF6K6QPSEQXD VAVXKC
02-10	2229	Binocular	30 chr EAM RVRHOG IMFTKRDAF6K6QPSEQXD VAVXKC
02-10	2246	Binocular	30 chr EAM RVY2ZB 7ZLCV2XOQUXR34SOQQW TUZR
03-10	1633	Down Deep	30 chr EAM RVPW3C J6W6D2TCNX747UDGO4F47LWG
03-10	1733	Down Deep	30 chr EAM RVXOH3 Q7WCNBCA72BGSBFJ6GLV7GND
03-10	1747	Down Deep	30 chr EAM RVKQBS QI3DLDTPGSZSLOT4PK4QCAXP
03-10	1832	Down Deep	30 chr EAM RVIQZG OGTE72LJ6YUS6MV4YKKDZNXI
03-10	1950	Down Deep	30 chr EAM RVIFBV SKIBLG5LD3QPPNFDJYAK7WR
03-10	1959	Down Deep	30 chr EAM RVIFBV SKIBLG5LD3QPPNFDJYAK7WR
03-10	2027	Down Deep	30 chr EAM RVMEHE 4L3HSNRDOU4XSMYVELZL2JDK
03-10	2031	Down Deep	30 chr EAM RVCFQA QBZ3TNWQWBYELBZ7YEOEA2Z4
03-10	2034	Down Deep	30 chr EAM RVCVQ5 4X5HGV75ZOWUM67ZEXHAG3DQ
04-10	0612	Doeskin	30 chr EAM RVJQU3 JU6IA7PTRRSKPMEPYNVQYYJ
04-10	0614	Doeskin	30 chr EAM RVMX6J BJDNI7M4CD3IURWGAGHKNVF
04-10	0616	Doeskin	30 chr EAM RVVPX7 EKLBNCOHYS4ZCADZI5QGLWK6
04-10	0630	Doeskin	30 chr EAM RVVPX7 EKLBNCOHYS4ZCADZI5QGLWK6
04-10	0632	Doeskin	30 chr EAM RVMX6J BJDNI7M4CD3IURWGAGHKNVF
04-10	0634	Doeskin	30 chr EAM RVJQU3 JU6IA7PTRRSKPMEPYNVQYYJ
04-10	0648	Doeskin	30 chr EAM RV4KAT KG7ET52WNAS7CWB2IFJUA KRF
04-10	0659	Doeskin	30 chr EAM RVVPX7 EKLBNCOHYS4ZCADZI5QGLWK6
04-10	0701	Doeskin	30 chr EAM RVMX6J BJDNI7M4CD3IURWGAGHKNVF
04-10	0705	Doeskin	30 chr EAM RVKW53 HRZWINAWB3XANRAOG46K73ST
04-10	0708	Doeskin	30 chr EAM RVJQU3 JU6IA7PTRRSKPMEPYNVQYYJ
04-10	1733	Doeskin	30 chr EAM RVTVQX DZ3W5QNKOSECGCLKPBESRZ3T
04-10	1933	Doeskin	30 chr EAM RVK2G6 MDOF4NTENOYFRHZZ3XDSX2JA
04-10	2100	Doeskin	30 chr EAM RVE2ZW QDLXOTYN4YIWK5GQ7UASKL7U
04-10	2104	Doeskin	30 chr EAM RVUJ3M 4SAPJCCSQEMKIHRAN7H6D3BR
04-10	2107	Doeskin	30 chr EAM RVNIIL 4HZAWYCI4FWJGJZOK26E5VOF
04-10	2117	Doeskin	30 chr EAM RVABXF RWFY2NTV7B3QOQJWACAHZQOY
05-10	0456	Gum Drop	30 chr EAM RV4FET WGVNELJZRPEBVI3WBSUZDML
05-10	0501	Gum Drop	30 chr EAM RV4FET WGVNELJZRPEBVI3WBSUZDML
05-10	1432	Gum Drop	30 chr EAM RVY6D6 I73R62ZTNI2EZDN5TQ5UV0PS
05-10	1500	Gum Drop	30 chr EAM RVY6D6 I73R62ZTNI2EZDN5TQ5UV0PS
05-10	1717	Gum Drop	30 chr EAM for Swamp Fever S36MQJ ZZVTOJMU2NL3BZAEFX6EF2C6
05-10	1748	Gum Drop	30 chr EAM for ???-25 S34VBF 4UYABEE4LKU6OPLNMF77T54D
05-10	1817	Gum Drop	30 chr EAM RVZPCP LANGXLV76HLYBIA2RFCFOR7L
05-10	1827	Gum Drop	30 chr EAM RVWU2I K34JKR4KUXVAY6CBWQEOFZQN
05-10	1837	Gum Drop	30 chr EAM RVHNLX FOE7DE37GPQUG52WBAS4EJMI
05-10	1847	Gum Drop	30 chr EAM RVLMFV EHSXOVGHWW2P2VLQFYLCWTG
05-10	1930	Gum Drop	30 chr EAM RVXRFU COQDZWKEGQI6INOMFAE52BBS
05-10	1942	Gum Drop	30 chr EAM RVK5RT EEFAGYAH4IEZYQ7FRVD3KEP
06-10	0457	Bankbook	30 chr EAM RVVYLE 5LYB2ADPUT2YT56DHC3JTEHA
06-10	0500	Bankbook	30 chr EAM RVKJPN D27DYD2FTDHW5LDPUPEXQAJK
06-10	0511	Bankbook	30 chr EAM RVEGU6 TQYMEXHNC4HE2OKZOVD4N3S2
06-10	1604	Bankbook	30 chr EAM for Tyrant? S3VKJE 7O5YGPHND2QXA7P6YBUSMGKA
06-10	1635	Bankbook	30 chr EAM RVJRWM 05IS7APNSDQXHXJCOZT4DZAX
06-10	1733	Bankbook	30 chr EAM RVIIZF FS2Q2CHIETU4P2LSFCQLH4FM
06-10	1828	Bankbook	142 chr EAM CBY5L7 453PDWQ5OJPYGE76K7BFGJIW666LQRI BTBRDDDDQOOYETINIX FU4ELZGPSSSS4K7EAPYDXAZB3AUBBEDDDDU GHMS4EOEGEQ72VSHV2222BTC6KZJKK GO32IV73IIIIHLHWJVN3NM
06-10	1837	Bankbook	142 chr EAM CBY5L7 453PDWQ5OJPYGE76K7BFGJIW666LQRI BTBRDDDDQOOYETINIX FU4ELZGPSSSS4K7EAPYDXAZB3AUBBEDDDDU GHMS4EOEGEQ72VSHV2222BTC6KZJKK GO32IV73IIIIHLHWJVN3NM
06-10	1947	Bankbook	30 chr EAM RV3753 NUWKHDSKPANKHBQLQZPJV4GO
07-10	0636	Birthday	202 chr EAM CBQJ4H LETCZKAG3LC6PTVXCBW2X4DDROMY4FB42F4RRRRM2ZSL63LG2S7UJ737JMMMMMWTX J6YYHQHOEVWEQICIXXXG7H4JGGGXN2KXZVZA3CCCN546VRRG2V7TZRTUZZQQQX5X XR644AWL3NDHLOODJJJ3LZ4XXFF3CRJFOPRMIVETKTJ6JD4AAAQG4CCCCXJU2J7M3 (no repeat)
07-10	1233	Birthday	30 chr EAM for Rudder S3QPXG ZKYWI6YQ27SUKWJMWNDIYAR6
07-10	1247	Birthday	30 chr EAM for Rudder S33EXY N26UHK4JZDMFTS6FFPFI7XVB
07-10	1302	Birthday	30 chr EAM for Rudder S3ZCL3 E5OWNCPT2LH75ERCRCQ672RPS

07-10	1317	Birthday	30 chr EAM for Rudder S3LRB7 JODDNUUKJMTVY EY2Y2IJKWQ5
07-10	1406	Birthday	30 chr EAM RVA5ZX R7AVDKEPD3O7GBE57FCZJH6I
07-10	1409	Birthday	30 chr EAM RVSOEJ UTLLQT76RVT5ZVQTIJOXBKZT
07-10	1412	Birthday	30 chr EAM RV5NFO MPLNW3L7O2NS7AIP45W3DLOG
07-10	1431	Birthday	30 chr EAM RV24TM 7NL24FCXGJI3V25UK7U26JFS
07-10	1434	Birthday	30 chr EAM RV5NFO MPLNW3L7O2NS7AIP45W3DLOG
07-10	1437	Birthday	30 chr EAM RVMV72 KQPREA7EGH2YDQ2R73MXJEYP
07-10	1500	Birthday	30 chr EAM RVTO25 I7OSBOIX7LONAJMZLBEBG2K3
07-10	1502	Birthday	30 chr EAM RVMV72 KQPREA7EGH2YDQ2R73MXJEYP
07-10	1505	Birthday	30 chr EAM RV24TM 7NL24FCXGJI3V25UK7U26JFS
07-10	1530	Birthday	49 chr EAM S3ON3D LZCLMSJCT4KBR645JJQRVHUI4J2BRCP5RIWFPS7GWXY
07-10	1534	Birthday	30 chr EAM RVELJI LJVIULA2YGHEV2UZFEFDTL7O
07-10	1537	Birthday	30 chr EAM RVTO25 I7OSBOIX7LONAJMZLBEBG2K3
07-10	1539	Birthday	30 chr EAM RVMV72 KQPREA7EGH2YDQ2R73MXJEYP
07-10	1547	Birthday	30 chr EAM S3BOGL NJHSS7A2EZPJR4RSX2C2T6GR
07-10	1601	Birthday	30 chr EAM RVPWWE 3QOWW6UPZAWPCL2R3RWTR4FN
07-10	1817	Birthday	30 chr EAM RVGDTY 4QD6RHH3WFELSR6RW2KBYWI7
07-10	1827	Birthday	30 chr EAM RVOQQW GKBHFCUVNBOF2K6L3E4NBISG
07-10	1837	Birthday	30 chr EAM RVFPYA PWGU77SXDGANP2CHDOBHACXY
07-10	1847	Birthday	30 chr EAM RV7GL7 JUUEAPITKRDQ6VULERUPBW25
07-10	2345	Birthday	30 chr EAM S3POD4 ZSFP7EV2IEJIP4YWRCZC5TTY
07-10	2354	Birthday	30 chr EAM RV7TUL NZWV3SA4WRR057NEDKT37NRB
07-10	2359	Birthday	30 chr EAM RVZ7CA KVNABFOZBE7HP6DPXUYZ47VN
08-10	1632	Horsefly	30 chr EAM RVGQEJ XWZ7DLYQP5SSYFDJZEF42T3O
08-10	1825	Horsefly	30 chr EAM RVT2QC ZES647GY7NDY2KFSMAKFV3BJ
08-10	1936	Horsefly	30 chr EAM RV7E74 4USUGEKJOLV3JMQWKDEKPFY2
09-10	1247	Tripwood	30 chr EAM for Hard Rib? S3EJZF EG5BZALCFX6C4G7SOD7CHQTV
09-10	1317	Tripwood	30 chr EAM RVW6NG UFB4E2H6FZL7HDA7SNYTNVGD
09-10	1603	Tripwood	26 chr EAM CBXSR7 XI4BSRNFR7TILGUHAVL3
09-10	1633	Tripwood	30 chr EAM RVYPO3 OAWULIVRAVWVC2XNXNOMTQLI
09-10	1716	Tripwood	30 chr EAM RVACBM CZOYTBYGUQPIG3ADNXMJFW6E
09-10	1752	Tripwood	30 chr EAM RVHEA6 4SBQ5GRGJQIEZ3I75653QHD4
09-10	1806	Tripwood	30 chr EAM RVA4HG XTXX7BGBJKF2THFS253Z2S7A
09-10	1812	Tripwood	30 chr EAM RVLGIO G2WPXDX63LAZ4FOPY7TAFUDM
09-10	1946	Tripwood	30 chr EAM RV6CDZ ZHEKQSIXHATJEVBII72B7LE6
10-10	1247	Quiet Man	30 chr EAM for Bond?-55 S3K7EO Y3HV3K26CVZ3RDK3TB7ZTW6L
10-10	1317	Quiet Man	30 chr EAM RVNAMP 2644YTLVNRGAQ3WDHYS2FUQR
10-10	1717	Quiet Man	30 chr EAM RV4PIP UXJZGJ5A44RKHYMXAKLC6MBJ
10-10	1733	Quiet Man	30 chr EAM RVXMHF 7AGQWV6NHXG4QVX2AZ4VFEXY
10-10	2030	Quiet Man	30 chr EAM RV7MVK E4YU6WLWLPHLTCZGGP5GNP7F
10-10	2100	Quiet Man	30 chr EAM RV7MVK E4YU6WLWLPHLTCZGGP5GNP7F
10-10	2109	Quiet Man	30 chr EAM RVL2ED MEMULUCNLEOOATOUZZUC5UW3
10-10	2130	Quiet Man	30 chr EAM RVL2ED MEMULUCNLEOOATOUZZUC5UW3
10-10	2132	Quiet Man	30 chr EAM RV7MVK E4YU6WLWLPHLTCZGGP5GNP7F
10-10	2144	Quiet Man	30 chr EAM RV322J D27N3LVWAGHBUCSTQSFXTCB
10-10	2147	Quiet Man	30 chr EAM RV4U2Y KAW3R3GFWOLKOB5OH6W6EUXC
10-10	2153	Quiet Man	30 chr EAM RV6RS7 VUCQ7UPQ7QA4RXWCG4LYCJ2T
11-10	1242	Disguise	30 chr EAM RVS3ET BZYGCSGABHQGEARE5PG4FMNQ
11-10	1300	Disguise	30 chr EAM RVS3ET BZYGCSGABHQGEARE5PG4FMNQ
11-10	1312	Disguise	30 chr EAM RVYWWY PRKXYYYZ22264YBB5KT2IRLB
11-10	1314	Disguise	30 chr EAM RVQJG4 RXBYEXNSIAE7SOMCZNWSVTRE
11-10	1317	Disguise	30 chr EAM RVPIEC DQGVJARTGV7GYWC4XKZ2K6IG
11-10	1330	Disguise	30 chr EAM RVPIEC DQGVJARTGV7GYWC4XKZ2K6IG
11-10	1333	Disguise	30 chr EAM RVPIEC DQGVJARTGV7GYWC4XKZ2K6IG
11-10	1336	Disguise	30 chr EAM RVQJG4 RXBYEXNSIAE7SOMCZNWSVTRE
11-10	1340	Disguise	30 chr EAM RV45ZB XUQFWOIBYRSUUOZ3WWXOGCUH
11-10	1342	Disguise	30 chr EAM RVYWWY PRKXYYYZ22264YBB5KT2IRLB
11-10	1400	Disguise	30 chr EAM RV45ZB XUQFWOIBYRSUUOZ3WWXOGCUH
11-10	1402	Disguise	30 chr EAM RVPIEC DQGVJARTGV7GYWC4XKZ2K6IG
11-10	1404	Disguise	30 chr EAM RVQJG4 RXBYEXNSIAE7SOMCZNWSVTRE
11-10	1530	Disguise	30 chr EAM RVQOFD ILGGTBH3Y3MNADKV6VOB5LTL
11-10	1733	Disguise	30 chr EAM RVXP5Q GB6BCTWMAFF2US636NSLGQVY

12-10	0535	Old Crow	30 chr EAM RVLIRJ CQ3L5F4BQUWPNC3XZ3NPPKX
12-10	0439	Old Crow	30 chr EAM RV23OK UHJ4HYUZQ2UN3VLU2ERKBUPN
12-10	1335	Old Crow	44 chr EAM S3GLRP ZTO52C6AHL5SRRG5XSXGIOLSEJQKDP5UGPNRR
12-10	1432	Old Crow	30 chr EAM RVWZQE NXKG5DHLQSE6N4T3WZIEVKSU
12-10	1500	Old Crow	30 chr EAM RVWZQE NXKG5DHLQSE6N4T3WZIEVKSU
12-10	1747	Old Crow	30 chr EAM for Paula-67 S3HHDS VAFHUORGW45NDSYE6SI2SVEN
12-10	1817	Old Crow	30 chr EAM RVX57X EUTZWYKCUEYKXYBGLE4AXEDY
12-10	1833	Old Crow	30 chr EAM RVDMCJ 6RAFOPHOA5NEMIQDAHC5J3AT
13-10	0016	Horn Fog	30 chr EAM RV4CIA GQJ5IAFCJP4PVCSSJFTRIG4X
13-10	1234	Horn Fog	30 chr EAM for Simple S3ZFW3 7JXT3E3KBOK7HA4IWEG2IPI7
13-10	1243	Horn Fog	30 chr EAM for Simple S3USSN CNI5W6ITEQMWQAUMLUVEPK3J
13-10	1255	Horn Fog	30 chr EAM for Simple S33B3M ERKZWYQELFJBF4W3SEDLBTPS
13-10	1603	Horn Fog	30 chr EAM for Great S3NGTC SCY2J2WJ2Q5JKYTPR4IZ4JJ3
13-10	1647	Horn Fog	30 chr EAM for Great News S3WEAT VKRW5R7UKKRM5K6OVFJHTPVR
13-10	1703	Horn Fog	30 chr EAM for Great News S3EDQN ELJUS6YUNTXXMHUBVANYLHPG
13-10	1722	Horn Fog	30 chr EAM for Great News S346ZB VM7KIFJDROL625CAGYCSTFY7
13-10	1733	Horn Fog	30 chr EAM RVS7FI ZJUXGJPB2X5INUAUJLQ2EWP5
13-10	1747	Horn Fog	30 chr EAM for Great News S323YC S7ZKUZZQQYOGQYKMSFK4VZJOY
13-10	1750	Horn Fog	30 chr EAM RV6LH4 3SNIPYYRYDLBAHGLXKAPVZMW
13-10	1817	Horn Fog	30 chr EAM for Great News S3QTQ6 YWSOP5E5OMEWK3X4FKKNEO6C
13-10	1820	Horn Fog	30 chr EAM for Great News S323YC S7ZKUZZQQYOGQYKMSFK4VZJOY
13-10	1828	Horn Fog	30 chr EAM RVNOK2 BJ4SNOE4OZDJZAKAOFWHKSTD
13-10	1835	Horn Fog	30 chr EAM S3LZNY KDVNLXQURROEP5PU7EYLO6W7
13-10	1847	Horn Fog	30 chr EAM RV5F6F NXOD6T7BVM72IH2HGJX7TINL
13-10	1903	Horn Fog	30 chr EAM RVEKLZ BHXMEHAVGHVKFCPOBKSDVXRY
13-10	1913	Horn Fog	30 chr EAM RVXJ2Y Z5ELQEHNG2QRZSOHL3PS7OED
13-10	2034	Horn Fog	30 chr EAM RVNZ3X T3PTQ3MKULKIOBZHKNXTXEPH
13-10	2157	Horn Fog	30 chr EAM RVXBAC 2L3E5AMMCIPHJRW7TWYKUOQ
14-10	0104	Infatuate	34 chr EAM S3FURI Z5NXX3E5SGL343HQKRK62BDG3ML5
14-10	0233	Infatuate	30 chr EAM RVDRA7 RGHFGCP6B2MPVIEGJN6DCG4W
14-10	1409	Infatuate	30 chr EAM S3XSBT FCCMBHWKWS3NEYKHGRLUCHCA
14-10	1541	Infatuate	34 chr EAM S3EYGQ ZMPBEWUPBTEVKNOQK7B3IQDYXH7T
14-10	1732	Infatuate	30 chr EAM RVEZNN WEKFCY3ZK6GDGUE2QSYWJNOR
14-10	1746	Infatuate	30 chr EAM RVH4M2 OYVSUNES57OXJMDXCVPWFH6C
14-10	2018	Infatuate	30 chr EAM RVWKEA GIGBCUTFFFM7RBYO43XISCNG
15-10	0017	Acquaint	30 chr EAM RVCCFF ZDLYQXJXTI23TOUK7P3ODQP7
15-10	0023	Acquaint	30 chr EAM S3CDUF R5F46LJGI5ULHZ5T4QVS7DJX
15-10	0029	Acquaint	30 chr EAM for Shuttlecock S3CDUF R5F46LJGI5ULHZ5T4QVS7DJX
15-10	0043	Acquaint	30 chr EAM for Shuttlecock S3IQUB LW2TRPU3AKN5HFKEHYPLZMM7
15-10	1248	Acquaint	30 chr EAM for Bulge?-85 S3QMCX ANC4N22U4I3KZD7MTPMF4MXF
15-10	1633	Acquaint	30 chr EAM RVHKXN U66MAFYVPWKSCYXXF2YBFIRA
15-10	1817	Acquaint	30 chr EAM RVZ66P J2ZLLKRW3CG3FNTUA5BTJCNS
15-10	2159	Acquaint	30 chr EAM for Hidge? S3JFHYN J2J2O7LD5XB3GYNL53EHW6D
15-10	2233	Acquaint	30 chr EAM for Hidge? S3YBLK P2UYD45MQWUADF5DSDHQ4YTV
16-10	0039	Splendor	33 chr EAM S37XXL N6FWCRDVJCU2KXT57FBRONDUHUA
16-10	0043	Splendor	38 chr EAM S3ETN2 FYZ2VGN62V7MXY7BSYUCYYH4ZNXQXSXRJ
16-10	0048	Splendor	30 chr EAM S3GNFF 2VWBWOQMPXHTB3S3YHSWK2CB
16-10	0104	Splendor	30 chr EAM RVQDTT WKKNV6F5X3Y4XUBAG2NJ4HQZ
16-10	0108	Splendor	30 chr EAM RVHDMF WCGLVDQZWZ2EQJFUXYV4J2PD
16-10	0116	Splendor	30 chr EAM S3FKA4 S7LAXZVAJTZAJPBLR2WI7TTH
16-10	0140	Splendor	30 chr EAM RVVGUH UGQEXORBKW76MPQKPT5YZFU6
16-10	1353	Splendor	30 chr EAM for Pitpe? S36U4O 4SGOVOMYPS35HKG5CWM5BL63
16-10	1424	Splendor	30 chr EAM RVHHFD 6YYSN2JLWWAYSRBC4FCTQNIH
16-10	1448	Splendor	30 chr EAM for Dago-91 S35ILH RTMD54FNT6HVOKAJ3UHC DRKC
16-10	1518	Splendor	30 chr EAM RVWWVI GDSZBZQ5DUKMUI5DYMXXOATQ
16-10	1617	Splendor	30 chr EAM RVRXGX RP5TFZTWD7ACSZ6UWVR2QNVA
16-10	1800	Splendor	30 chr EAM for Shuttlecock S33XHM WCXZIL53GYXVGNVEA5LW7BII
16-10	1823	Splendor	30 chr EAM for Shuttlecock S3ZOP5 5GK54FFBKHBPN7DKCMMNWL4I
16-10	1940	Splendor	30 chr EAM for Pipe? S3GRXG RAY6FJZDVM3LCR22AT6AS4KZ
16-10	1947	Splendor	30 chr EAM RVTPT 6XKXAIW5GDK4FB67W2E7O3HT
16-10	1959	Splendor	30 chr EAM for Pite? S3OG3D YG426BJZLF5TQBWNQAVIU4NI
16-10	2017	Splendor	30 chr EAM RVIVPA HE4DKDHJBETXFKVWVXFNFJFRID

16-10	2048	Splendor	30 chr EAM RVJT6C AJYKDHPO3WYEWGVYBEFCWZNK
16-10	2335	Splendor	30 chr EAM for Shuttlecock S3JXPX 57NYG3I4OE7GY54XCD5PPXXJ
16-10	2347	Splendor	30 chr EAM for Shuttlecock S32C2S 4EYPLKBWJGWRTKTO7D2W5YNT
17-10	0007	Juryman	30 chr EAM for Shuttlecock S3V4A7 QDLEYQD52EPZR23RPWDN2ALE
16-10	1341	Juryman	30 chr EAM for Wild S3OQYZ M65CKFU7ZQKROKHQV4C6QG4M
16-10	1533	Juryman	30 chr EAM for ? S35XA7 unreadable
16-10	1557	Juryman	30 chr EAM for Patty S3W6U6 CBFHNY73UZMWMIIYSMMUUTUTT
16-10	1607	Juryman	30 chr EAM S3JUHH M5MS3JRRY4RHHMXJWBRPEV4Y
16-10	1619	Juryman	30 chr EAM for Wild S3NRWJ UZRYSN3U5JM5CLSHFL5EZBB5
16-10	1647	Juryman	30 chr EAM for Wild S36DJQ OJHJZIGUFVBVTZNTKKBITU6Q
16-10	1737	Juryman	30 chr EAM RVY4AM S6H62MPGZUKOPMDI4GUWXC4I
16-10	1803	Juryman	30 chr EAM for Patty S3RTO2 BSLJCWM67PJFWF2VQ5PDICJ5
16-10	1947	Juryman	30 chr EAM RVQ4UC WKESTU3PRBHLBPGS6W5W3HPG
18-10	1443	Valwine	30 chr EAM for Saint-86 S3WN2G BMGACODJN73WZVBPTZVG7HK3
18-10	1734	Valwine	30 chr EAM RV6NZY LOTFO4KO7VUG65N4JCDMFQNU
18-10	1905	Valwine	30 chr EAM RVP74R 3RLWY5FMD74QH3WFJXNS2KBQ
19-10	1832	Big Tree	30 chr EAM RVS2UJ PHK4ZCI2IYSWVH3642K3CE6L
20-10	1303	Tortilla	30 chr EAM for Gear S3WYPB RCCVNCPCJUJLVFKTZKZAVSCO
20-10	1333	Tortilla	30 chr EAM for Gear S3ACKL FLZDRGIELY7PQUGDYFLYWJHE
20-10	1500	Tortilla	30 chr EAM RVT3YF PVWFHKZYPBPEJP4EBQQRYSW
20-10	1503	Tortilla	30 chr EAM RV7RUU YLWHD6IUNBPKNFXNW4XPZEJN
20-10	1508	Tortilla	30 chr EAM RVKPGZ TRF3QP3UIS2FRAYATWDQEFPA
20-10	1603	Tortilla	30 chr EAM for Gear S3MUOY EYHTAU76IMJH7RM2ZPFU76CQ
20-10	1648	Tortilla	30 chr EAM for Dino-16? S3SK7Z CCQVPA36KPWBQXXKHL3DGZTG
20-10	1703	Tortilla	30 chr EAM for ? S3XFS4 HMHNCMESREKR52VZBQEVIPII
20-10	1717	Tortilla	30 chr EAM RVWXF3 VHA3GK3HPCT6GUM3KBNUVF54
20-10	1748	Tortilla	30 chr EAM for Spencebuster S3STLV Z3UDE3DAIYLEWKB57LFGAH6B
20-10	1828	Tortilla	30 chr EAM for Spencebuster S3NYSI EMKZUCZPTK7SAX6HNY2OSRF
20-10	2017	Tortilla	30 chr EAM RVHPK4 RWB23AVKSS2DTXLKAJLCRIOS
21-10	0820	Daffodil	30 chr EAM for Massive S32IRZ GJX5JSLOCOF2S2S23PCMJGIR
21-10	1052	Daffodil	30 chr EAM 743M3F QDJQKSSUC6OVNI7T5GEXH3D6
21-10	1145	Daffodil	30 chr EAM for Massive 74ASGA UMVFPLWTNAOZJK4GMMNZVP32
21-10	1508	Daffodil	49 chr EAM 74XCVD SNSFIM6REU7TOHHWSGWKMH2WB3XTO3CWUL7XSDUP3DH
21-10	1547	Daffodil	30 chr EAM RVJGH6 T6KGIFPAEJ4BTEKDA72XC6WS
21-10	1558	Daffodil	30 chr EAM 74SRFA JKRAHF3M7TBFYUQW6V5AEJR4
21-10	1607	Daffodil	30 chr EAM RVNYQS YS3DCSYRUBZOJ3MHZHNQYWUA
21-10	1727	Daffodil	34 chr EAM 74GEBD RNB26LG4RBMIVNAZVI3FGANRZBK
21-10	1817	Daffodil	30 chr EAM RVMAVC LLSNOHGTCLKCBXQ3ZIU63ITU7
21-10	2033	Daffodil	30 chr EAM RYHMMW XLB357QXHYBSKH3UEQUAYKBQ
21-10	2110	Daffodil	30 chr EAM 74SWTB KNLEW5FOQWLNOHPGYIOYYHL
21-10	2117	Daffodil	30 chr EAM RVTKGN QIHR7MNZSLQLQHMEGHWE4RLP
21-10	2217	Daffodil	30 chr EAM RV7CDD unreadable
21-10	2225	Daffodil	30 chr EAM RVDGAI OIGKYLDGEFDNE6JAP4CN4KJH
21-10	2333	Daffodil	30 chr EAM RV6WQU T4BXZNABYI2J6ZMQIGEIC6WF
22-10	0614	Converge	30 chr EAM RV4LE4 2LG4GVFAFEXK7EUV64KMX7H
22-10	0618	Converge	30 chr EAM RVHQ4Z JWOXUANL4MPSBJEGSFRKP7SO
22-10	0720	Converge	30 chr EAM RVHQ4Z JWOXUANL4MPSBJEGSFRKP7SO
22-10	0731	Converge	30 chr EAM RVHQ4Z JWOXUANL4MPSBJEGSFRKP7SO
22-10	0734	Converge	30 chr EAM RV4LE4 2LG4GVFAFEXK7EUV64KMX7H
22-10	1005	Converge	30 chr EAM for Massive 74XO4N 7GEKNIWHVKSCYQVF7UILO4AT
22-10	1019	Converge	30 chr EAM for Massive 74PN7H SHWBROEDBBNNQ46JYP7BGB5F
22-10	1134	Converge	30 chr EAM for Massive 74M42O DGVCBFLQRLOGA4OBMGNIKWGC
22-10	1143	Converge	30 chr EAM for Massive 74P4KJ EHR42IORCBTVG5IYTDMXJDYC
22-10	1200	Converge	30 chr EAM for Massive 74NC3P 4XLYL3DN7ULUN3KBKQURWT73
22-10	1217	Converge	30 chr EAM for Massive 74KQE3 N5FL6ZWHI33INIAL4YJK5NUI
22-10	1447	Converge	30 chr EAM for Dillian-28 74QWDQ PAJ24YTTYHP7BARULOTS2X42
22-10	1517	Converge	30 chr EAM RVQAQO V7EY4HTZIG2YXL22LW41CAET
22-10	1533	Converge	30 chr EAM RVRIVV NZIEV2TXA2Q2625NAZ4AYC5R
22-10	1733	Converge	30 chr EAM RVD8FR L7VOQ7LLSE3LW4MU65ZXVUH
22-10	1741	Converge	30 chr EAM RVBAR7 IZIEKC5KW4EO6YVEETUSKRQG
22-10	1825	Converge	30 chr EAM RVN3HC HAXWC6HMSJE3YNKGJVSPONZR
22-10	1830	Converge	30 chr EAM RVBAR7 IZIEKC5KW4EO6YVEETUSKRQG

22-10	1847	Converge	30 chr EAM RVMU4S UVRX4EDQET2AURQE3S2S3CIW
22-10	2053	Converge	30 chr EAM for Seven 74335R A5WTMA3NXQ7S7DUKNRJVFDC
23-10	0611	Construct	30 chr EAM RVUPEW QQRFBWAXGZ64YAJHVYP7TXVR
23-10	0628	Construct	30 chr EAM RV35LX FKJIZDU3Q2SGU2XXVWLR4GDP
23-10	0631	Construct	30 chr EAM RVUPEW QQRFBWAXGZ64YAJHVYP7TXVR
23-10	0634	Construct	30 chr EAM RV35LX FKJIZDU3Q2SGU2XXVWLR4GDP
23-10	0659	Construct	30 chr EAM RVZMKP U73ZSVANDFS2PABHHVJPMU2C
23-10	0702	Construct	30 chr EAM RVUPEW QQRFBWAXGZ64YAJHVYP7TXVR
23-10	0706	Construct	30 chr EAM RV35LX FKJIZDU3Q2SGU2XXVWLR4GDP
23-10	0708	Construct	30 chr EAM RVUPEW QQRFBWAXGZ64YAJHVYP7TXVR
23-10	0715	Construct	30 chr EAM RVSL4E O46E6FEU2FZQO75YXPABW5YZ
23-10	0611	Construct	30 chr EAM RVUPEW QQRFBWAXGZ64YAJHVYP7TXVR
23-10	0627	Construct	30 chr EAM RV35LX FKJIZDU3Q2SGU2XXVWLR4GDP
23-10	0631	Construct	30 chr EAM RVUPEW QQRFBWAXGZ64YAJHVYP7TXVR
23-10	0634	Construct	30 chr EAM RV35LX FKJIZDU3Q2SGU2XXVWLR4GDP
23-10	0659	Construct	30 chr EAM RVZMKP U73ZSVANDFS2PABHHVJPMU2C
23-10	0702	Construct	30 chr EAM RVUPEW QQRFBWAXGZ64YAJHVYP7TXVR
23-10	0706	Construct	30 chr EAM RV35LX FKJIZDU3Q2SGU2XXVWLR4GDP
23-10	0708	Construct	30 chr EAM RVUPEW QQRFBWAXGZ64YAJHVYP7TXVR
23-10	0713	Construct	30 chr EAM RVSL4E O46E6FEU2FZQO75YXPABW5YZ
23-10	1248	Construct	30 chr EAM for Cater-34 745N7Q 5M6GX3EAT4ZQLYOUNBHS7SFT
23-10	1317	Construct	30 chr EAM RV5TQH 6ZVNMUBD3CQJIFKXAN2ODE
23-10	1333	Construct	30 chr EAM RVUEOR V2BHPZNT3PVY3EBQCWU3KAXY
23-10	1433	Construct	30 chr EAM for Agrial? 744KIX IYSHYO3EZ2MV7BXYOSCGYLI
23-10	1447	Construct	30 chr EAM for Agrial? 74FDAB V7TUNE4VKAWQERAS4BK2KS4Y
23-10	1617	Construct	30 chr EAM RVWNO4 YJ72BFAPPVPAL5AFYQREY6AI
23-10	1649	Construct	30 chr EAM for Agrial? 74XKN3 OSNU6PFG6ZTMYMVZX257JPDR
23-10	1655	Construct	30 chr EAM for Agrial? 7464SL ZREQTMOO2OYZPSIF2ALVCOL2
23-10	1947	Construct	30 chr EAM RVP3AH VGLJ22E4BVJO5USRBQEYV2OR
23-10	1957	Construct	30 chr EAM for Agrial? 74OD5W T5MOTLZQ2HHUEHIZ7DE3JKQB
23-10	2019	Construct	30 chr EAM for Agrial? 74RX3S EJXW5SGUMULN3XAMSBUB7E4A
23-10	2203	Construct	34 chr EAM 74S6YV 4LIXPNMBV6T4ANFBCCZJAETH3HXC
24-10	0134	Whizbang	68 chr EAM VGJLG3 DUBYCNSIZLQGYBV7WVSRQFHL7646NAZSTREIBP7AUBO43S OLEIRYLGDIZXMDZQ
24-10	0234	Whizbang	68 chr EAM VGLCTW IJRWK7XYU36BIUQCNDQDW4VOU23UZBWJ5DUGF3AHO2UI D7VFAJ5K5VJ6TPHC2PL
24-10	1327	Whizbang	30 chr EAM RV6Z7I N2WJS3VGFZBJBVMUVHPMPXYB
24-10	1351	Whizbang	30 chr EAM RV7U54 JZ3LFWU7VDQP5RJ6YW3LG2CZ
24-10	1359	Whizbang	30 chr EAM RVKK6 7BEJNVIPUUNGX5ONF7IXC3ZD
24-10	1402	Whizbang	30 chr EAM RVDVHS AVKLIHF73II3IGLHPNF7XRVJ
24-10	1408	Whizbang	30 chr EAM RV7U54 JZ3LFWU7VDQP5RJ6YW3LG2CZ
24-10	1414	Whizbang	30 chr EAM RVDVHS VEC6T3PLHV67RHWIDINHBRLN4
24-10	1416	Whizbang	30 chr EAM RVREZR RIEHHOIQ5MFBK5YBICVWDT7
24-10	1419	Whizbang	30 chr EAM RV6Z7I N2WJS3VGFZBJBVMUVHPMPXYB
24-10	1504	Whizbang	30 chr EAM for Baldy 74Q33R CEDAXENXHSXP3RFYUBNJHQ6J
24-10	1537	Whizbang	30 chr EAM RVO7WE VTNCDZVFQHYTUDU6E4QH6FTAP
24-10	1634	Whizbang	30 chr EAM RV5BPF Y2NETV7ZVLA7K5LYAU5F7KLH
24-10	1717	Whizbang	30 chr EAM RVZWNN GRLELM6IHWJ25OK6Z2367WDV
24-10	1809	Whizbang	30 chr EAM RVSFH4 2FOXG3JXWJOFM2OJE2JLWVSO
24-10	2113	Whizbang	30 chr EAM RVNW3Q M4O2LNYBLSDUJASU45YSBUHR
24-10	2124	Whizbang	30 chr EAM RV7FJP ZFQFKGYR7E2F3NJZPYSBGJ2W
24-10	2344	Whizbang	30 chr EAM RVKN73 DA3OY6BHP34SFLIJSNPZR43L
25-10	0138	Archibald	39 chr EAM 742H4G 22PZPZGSRNOKC42XYCFDUNRAEAT2FX2
25-10	0149	Archibald	30 chr EAM 74TP2U NX4GCUUSZ3LFR3KZHVFX7DW
25-10	0155	Archibald	30 chr EAM RVPSOY LTK4XB6JCQROWSYDIXRUQGO
25-10	1535	Archibald	30 chr EAM RVPB5J Q5LPPJDUFHXBHIVVB2IAFBXG
25-10	1932	Archibald	30 chr EAM RVD6FO J4WNICCVI6UD5KON6L3O46P7
26-10	0041	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0102	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0129	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0200	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0230	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7

26-10	0300	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0330	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0400	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0430	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0500	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0530	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0600	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0630	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0632	Sycamore	Disregard last transmission. 42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	0700	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	1403	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	1430	Sycamore	42 chr EAM 74IV2C QBIVTIWT7PX3QNRH7PQ2WXA7VYCT4ERMUQA7
26-10	1503	Sycamore	30 chr EAM 74LEV2 XJMDBJCUVQ5JPUNRG36BHXp
26-10	1518	Sycamore	51 chr EAM 74OWD3 4QAVA2IIC2IXZBBLXZBDIWHTRRKHWMSMVWHTKRXASFBBU
26-10	1542	Sycamore	30 chr EAM 7476W4 CB2RFBTDTFHUQJXLS2U632QV
26-10	1600	Sycamore	51 chr EAM 74OWD3 4QAVA2IIC2IXZBBLXZBDIWHTRRKHWMSMVWHTKRXASFBBU
26-10	1607	Sycamore	63 chr EAM 74NNCX YIVYASWAKR5B2SH5B2CKTCCW7PV2M7QATCE77Q7T3FYATC CE7C3Z3FT4
26-10	1747	Sycamore	30 chr EAM RVNBNO LEQEIX43GE7QWR5PQCSJW5VA
26-10	2342	Sycamore	51 chr EAM 74O4VU IYJAFVMCWAYFLSOUFRSZ7PGIRTM6OJXV7P2IR6LG7LPO
27-10	0244	Spy Song	164 chr EAM VGQCDY ZQOIIIMLDWF5LAXIKGA7GP6POEZM4VOVBC4IIIIAYUQ2Z2MUZN RZ3ZTITZZZFCG26H6RFUKY565B5XEEEEAFJPF4FWRWINEKKRD6AAAAANFOYEOEVI7Y4TF TT 4TLLLLMZDLSQWWNWFKJZDKNDDDDN2FMDPEY7
27-10	0536	Spy Song	120 chr EAM VGSVDY KD6RJWN4ZKWXKIDM6AU7D6E5NENNT3ESXSXHHHHC7PSPD- ZEZMQPJPUKPEEEEP0SB2YKMXYTIZQ55VJJJXYRQZPZ4PZW67YZRYZHHHHSNOGBXLAE
27-10	1720	Spy Song	34 chr EAM 74JAIB 6XTAWYSUTZYBC6NIBPPTVNNDDBB4U
27-10	1807	Spy Song	30 chr EAM for Idol 74YIF7 F2GTB222LF5U3R6ZOLZLKTVR
27-10	1814	Spy Song	30 chr EAM RVDUJX Q55OYCY2TK4M3RMO7F2COZ7B
27-10	1818	Spy Song	30 chr EAM RVN2HY PXWHRX2QWNMXRA5QNC4YHAT3
27-10	1821	Spy Song	30 chr EAM RVHC6U TXUFQPVKKKBZP7QXMZ2Z4QUH
27-10	1945	Spy Song	30 chr EAM RV5KPN AYAAJITPL6HOX4HDWYJXKXVE
27-10	1955	Spy Song	30 chr EAM RVI42C LEIKRLL6RK6PRXJLVPKEUDVQ
28-10	1007	Authorize	30 chr EAM for Line-up 74B56A NOLNDG4NRROUXMGPOPE2JH7Z
28-10	1144	Authorize	30 chr EAM for Line-up 74KZLU ACQ3B2W2MEC2LN5MJM6TSHW4
28-10	1159	Authorize	30 chr EAM for Line-up 74HKX2 C6SVTT44HDCISNSMIDR6TAAM
28-10	1632	Authorize	30 chr EAM RVEYBF AE6B7CU45KWB5GCA7VSGEXZF
28-10	1639	Authorize	30 chr EAM RVEY5QH 6VRCTTMX5MBV4TRFJ6DJOVHL
28-10	1650	Authorize	30 chr EAM RVEIZ3 CRMXW363LL7VJX2UPNBPKFVQ
28-10	1705	Authorize	28 chr EAM RVWE?E S2DLVXLSKOI7EGLGBHJ73N (operator says: item 5 garbled, item 6 Echo. Sent only 28 characters)
28-10	1707	Authorize	30 chr EAM RVWEH6 EES2DLVXLSKOI7EGLGBHJ73N (correct version of 1705z message)
28-10	1711	Authorize	30 chr EAM RVFLRG RIPL6WAU4IH55UVSOS2QAMII
28-10	1747	Authorize	30 chr EAM RVVMGT 5YSPNSEBYF4NR7FM75AG6NBY
28-10	1812	Authorize	56 chr EAM 74ARHL RP5FMEXTOTPUQH3LUQH7LUB23OYB6SBBFFERCTG7SPBNFQYQWI
28-10	1821	Authorize	30 chr EAM RV34ZU KT5QCPI7MVD75J2EUZGM2UNY
28-10	1842	Authorize	30 chr EAM RVAHK5 LQWQXX5UYOPCMIIYGKX3DVEAS
28-10	1842	Authorize	30 chr EAM 3W3B7R N3DO5RJBAOYO6USB2HOUSQ6R
31-10	0509	Staff Car	30 chr EAM 3WERE2 ALGDCYEB6LTSJXQJDXBY7FO6
31-10	0511	Staff Car	30 chr EAM 3W3T54 AQH3AZAAK4HYBENCZJ6SQOI
31-10	0526	Staff Car	30 chr EAM 3WVSSQ FBIBEQBC3LFW3WKQGDGAV5NJ
31-10	0529	Staff Car	30 chr EAM 3WVSSQ FBIBEQBC3LFW3WKQGDGAV5NJ
31-10	0531	Staff Car	30 chr EAM 3W3T54 AQH3AZAAK4HYBENCZJ6SQOI
31-10	0533	Staff Car	30 chr EAM 3WERE2 ALGDCYEB6LTSJXQJDXBY7FO6
31-10	0540	Staff Car	30 chr EAM 3WJEZ3 4JJ4CSLL3RIYR6FJAR5VTLS
31-10	0545	Staff Car	30 chr EAM 3WUKFW D2XZDFTWKIUCTPI6K23OA7Q
31-10	1947	Staff Car	30 chr EAM 3WFBQ4 4SHPZSBQEAORZQCQ2Q5H3UEC
31-10	2047	Staff Car	30 chr EAM 3WUWSY NDTV26YTY7X6GK4KADTFKQDG

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, JPL., F5JBR

Strategic messages

5304 kHz, 07-10, 0934 UTC XXX XXX XHOP XHOP 73553 MOShKANA 6151 8609 NARozhDENIE 4262 1289 KRATOFORD 1901 6769 K
5369 kHz, 07-10, 0934 UTC XXX XXX XHOP XHOP 73553 MOShKANA 6151 8609 NARozhDENIE 4262 1289 KRATOFORD 1901 6769 K
6351 kHz, 07-10, 0934 UTC XXX XXX XHOP XHOP 73553 MOShKANA 6151 8609 NARozhDENIE 4262 1289 KRATOFORD 1901 6769 K
5304 kHz, 07-10, 0937 UTC XXX XXX 596E 596E AY9X AY9X 21493 92412 POTERYaNNYJ 8534 9545 K
5369 kHz, 07-10, 0937 UTC XXX XXX 596E 596E AY9X AY9X 21493 92412 POTERYaNNYJ 8534 9545 K
5779 kHz, 07-10, 0942 UTC XXX XXX NZhTI NZhTI 96113 CELOSTAT 1067 1146 K

Monolith stations

Channel markers

4182 kHz, 02-10, 1910 UTC	Dash channel marker
4625 kHz, 05-10, 1600 UTC, S28	Buzzer channel marker.
4625 kHz, 05-10, 1635 UTC, S28	The buzzer bugged by several pirates. A countdown in German is transmitted and other stations send music. Voices, mostly unreadable. The buzzer is buzzing as always. Later also sirens, barking dogs, a film soundtrack.
4770 kHz, 05-10, 1734 UTC	Alarm channel marker
3510 kHz, 05-10, 1735 UTC	Airhorn channel marker
3243 kHz, 05-10, 1737 UTC	Goose channel marker
3828 kHz, 05-10, 1739 UTC, S32	Squeaky Wheel channel marker
3756 kHz, 05-10, 1740 UTC, S30	Pip channel marker
3756 kHz, 11-10, 1543 UTC, S30	Pip channel marker
4310 kHz, 11-10, 1547 UTC	Goose channel marker
4625 kHz, 11-10, 1548 UTC, S28	Buzzer channel marker
3828 kHz, 11-10, 1550 UTC, S32	Squeaky Wheel channel marker
4625 kHz, 13-10, 1512 UTC, S28	Buzzer channel marker
4310 kHz, 13-10, 1513 UTC	Goose channel marker
3828 kHz, 13-10, 1515 UTC, S32	Squeaky Wheel channel marker
5448 kHz, 13-10, 1536 UTC, S30	Pip channel marker
4770 kHz, 13-10, 1616 UTC	Alarm channel marker
3828 kHz, 13-10, 1617 UTC, S32	Squeaky Wheel channel marker
3510 kHz, 18-10, 0353 UTC	Air Horn channel marker
3243 kHz, 18-10, 0355 UTC	Goose channel marker
3756 kHz, 18-10, 0357 UTC, S30	Pip channel marker
3828 kHz, 18-10, 0358 UTC, S32	Squeaky Wheel channel marker
4625 kHz, 18-10, 0400 UTC, S28	Buzzer channel marker
4770 kHz, 18-10, 0410 UTC	Alarm channel marker
3243 kHz, 27-10, 1853 UTC	Goose channel marker
3510 kHz, 27-10, 1855 UTC	Air Horn channel marker
3756 kHz, 27-10, 1857 UTC, S30	Pip channel marker
3828 kHz, 27-10, 1858 UTC, S32	Squeaky Wheel channel marker
4625 kHz, 27-10, 1859 UTC, S28	Buzzer channel marker
4770 kHz, 27-10, 1900 UTC	Alarm channel marker

Southern District

5473 kHz, 07-10, 0937 UTC, S32	Al'fa-45 74138 MOHODIM 4743 6060
5473 kHz, 07-10, 0951 UTC, S32	Al'fa-45 30698 MURChAN'Ye 2158 7230
5473 kHz, 07-10, 0955 UTC, S32	Al'fa-45 33302 OBYeSPYeChYeN'Ye 4760 8574
5448 kHz, 07-10, 0948 UTC, S30	JVB1 85068 ZAL 3882 5998 ZYaB' 0655 2288 ZAVYeSA 3463 4933
5473 kHz, 28-10, 1247 UTC, S32	Al'fa-45 28085 ZASPINNYJ 6905 4265
5473 kHz, 28-10, 1310 UTC, S32	Penza-07 Zaslodka-27 Stupa-32 Alyeut-09 Nevka-26 Kurgan-40
5448 kHz, 28-10, 1320 UTC, S30	JVB1 SBYTOSYeV 212
5473 kHz, 28-10, 1321 UTC, S32	Al'fa-45 SBYTOSYeV 212

Russian military voice transmissions

Russian Military

Znamya, 5045 kHz. Sends on Mon, Tue, Wed, Thu, sometimes on Fri. 10-counts before the actual message

01-10, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 6586. 16 chasov 14 minut konec svyazi
04-10, 1415 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2879. 16 chasov 15 minut konec svyazi
05-10, 1413 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4832. 16 chasov 15 minut konec svyazi
06-10, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 1523. 16 chasov 15 minut konec svyazi
07-10, 1413 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3454. 16 chasov 15 minut konec svyazi
11-10, 1413 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2167. 16 chasov 14 minut konec svyazi
12-10, 1413 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3159. 16 chasov 15 minut konec svyazi
13-10, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 5543. 16 chasov 14 minut konec svyazi
14-10, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9847. 16 chasov 14 minut konec svyazi
18-10, 1413 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9673. 16 chasov 14 minut konec svyazi
19-10, 1412 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 8752. 16 chasov 15 minut konec svyazi
20-10, 1412 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 6593. 16 chasov 15 minut konec svyazi
21-10, 1412 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 1729. 16 chasov 14 minut konec svyazi
22-10, 1410 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4124. 16 chasov 14 minut konec svyazi
25-10, 1411 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 5347. 16 chasov 14 minut konec svyazi
26-10-, 1411 UTC	Tehnichaskaya proverka svyazi, peredayu eshche dlya nastrojki, 12345678910. Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7582. 16 chasov 15 minut konec svyazi Male operator. Recording: http://www.numbersoddities.nl/Znamya-2021-10-26-1412utc-5045khz-male-operator.mp3
27-10, 1413 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 8382. 16 chasov 15 minut konec svyazi
28-10, 1412 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7257. 16 chasov 14 minut konec svyazi
29-10, 1410 UTC	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 1549. 16 chasov 14 minut konec svyazi

Russian Air Force

Tu-95 "Bear" net

5803 kHz, 05-10, 1213 UTC 84517 to Tablica: 187 384 295 365 195 037

5803 kHz, 05-10, 1219 UTC 84517 to Tablica: 783 722

5803 kHz, 05-10, 1221 UTC 39828 to Tablica: 730 534 716 519 526 569

Russian military morse transmissions

M32 - Russian Military

3599 kHz, 31-10, 1350 UTC

i.p. AFVN DE PSV5 QTC 812 26 31 1648 812 = 588 = 11111 54020 39763 67069 19360 42920 64856 04289 27246 53261 ...

M32a - Russian Navy

4580.5 kHz, 21-10, 1722 UTC. Northern Fleet i.p.

RMJZ RPT PBL

RMJZ R 921 K

RJD99 DE RBC89 QSA 1 QRV K

RBC89 RPT K

RBC89 R .38 K

RJD99 DE RBE99 QSA ? K

RJD99 DE RBE99 QRV K

RJD99 DE RBE99 QRS QRS RPT TXT QRS K

RJD99 DE RBE99 RPT 3 K

RJD99 DE RBE99 R .3 K

RJD99 DE RBE99 R 921 K

RBE99 R 921 K

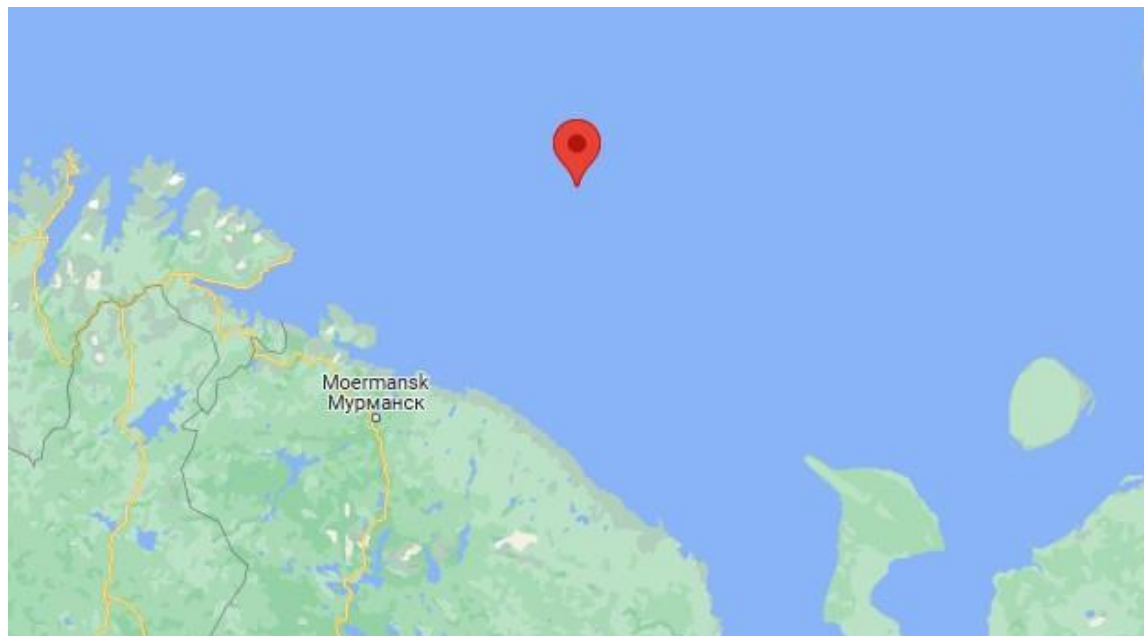
6994 kHz, 24-10, 0910 UTC. RJP92 wkg RIT

QTC SML 828 18 24 1203 828 = FOR RJH74 RJH45 =
24091 99709 10379 41596 83320 10009 40011 52020 77022 8852/
22242 00052 20310 330// 40310 24015 = AR RJP92 K

6994 kHz, 24-10, 0616 UTC. RJP92 wkg RIT

QTC SML 404 18 25 0910 404 = FOR RJH74 RJH45 =
25061 99693 10379 41598 50706 10017 40131 54000 70110 8527/
22242 00050 20304 325// 40304 25015 = AR RJP92 K

Location: <https://goo.gl/maps/31sigfCCU5zmZimy8>



8000 kHz, 25-10, 0652 UTC Marker C

M32b - Russian Naval Air Transport

8816 kHz, 06-10, 0659 UTC

RJC38 RJF94 DE 71753 QTO 0631 QRD XLPB XLMV QBD 0500 QRE 0840 K
QTH 16525 13255 QTR 0750 QBD 0400 QBG 5800 K

8816 kHz, 06-10, 0720 UTC

RJC38 RJF94 DE 12881 QTO 0712 QRD XRKE XRFI QRE 0830 QBD 0500 K
QQM XRKE 0811 SK

8816 kHz, 06-10, 1022 UTC

RJC38 RJF94 DE 12881 QTO 1002 QRD XLMG XRKE QRE 1450 QBD 0800 K
QTH 15446 13826 QTR 1216 QBG 7300 QBD 0600 K
QTH 15932 13813 QTR 1311 QBG 7300 QBD 0500 K
QTH 16448 13600 QTR 1417 QBG 7300 QBD 0400 QRE XLMG 1505 K
QQM XLMG 1509 SK

8816 kHz, 06-10, 1330 UTC

RJC38 RJF94 DE 75132 QTO 1323 QRD XLMD XUMO QBD 0830 QRE 1620 K
QTR 1430 QTH 16053 13816 QBD 0700 QBG 7900 K
QTR 1530 QTH 16606 13401 QBD 0600 QRE 1620 K
QQM XLMD 1610 SK

8816 kHz, 06-10, 1400 UTC

RJF94 RJC38 DE 71753 QTO 1348 QRD XLPB XUMB QBD 0500 QRE 1610 K
COL COR QRD XUMB XLPB K - COR QRD XUMB XLPB K
QTH 15912 13759 QTR 1455 QBD 0400 QBG 5500 QRD XUMB XLPB K
QQM XUMB 1602 SK

5171 kHz, 31-10, 1359 UTC, Black Sea Fleet i.p.

25416 74222 90269 85680 .2464 20770 40365 89874 64355

= AR RCV K

RMW QSL .63 K

RCV OK QRU K

M32c – Russian Air Force

8162 kHz, 26-10, 0939 UTC Marker W

8162 kHz, 26-10, 1000 UTC Marker W

Russian Navy T600 traffic

16207 kHz, 25-10, 1615 UTC, T600

Sync 0x1eb41eb2952

Session key: 54 4c 1a 70 1a 23 34 61 68 51 23 23 54 4c 0b 46 34 19 13 58 31 0d 0e 52 32 15

16 26 31 1a 46 46 0d 61 54 13 62 62 4a 0d 15 52
25 64 32 38 54 19 46 0d 15 58 1a 0d 32 23 64 34
25 34 62 4c 31 26 19 52 2a 15 2a 0e 58 52 38 34
07 34 07 0b 64 52 52 46 1a 31 58 0d 1c 31 19 1a
62 26 26 46 19 46 15 4a 4a 70 52 1c 52 0e 1a 51
0d 54 31 58 46 23 64 43 70 16 62 0e 0d 68 1c 61
19 51 62 68 0d 70 52 1c 38 19 25 23 52 38 31 34
19 07 68 15 31 26 70 2a 32 58 07 43 46 1c 43 1c
13 2a 1c 32 58 2c 13 07 52 07 0e 07 07 1a 58 68
34 62 58 61 2c 32 26 62 15 07 2a 70 38 31 46 4c
64 07 38 4c 70 0b 62 58 0b 61 1a 2c 54 07 0e 70
64 32 64 16 26 68 0d 4c 62 62 43 25 64 4a 43 32
70 61 61 0b 62 61 52 58 0b 07 46 64 32 46 64 51
26 23 13 46 13 38 2a 0d 62 43 54 0d 4a 0e 61 13
32 16 68 2c 13 68 1c 68 1c 25 2a 54 07 1a 31 25
58 13 51 2c 61 64 34 15 07 64 23 4a 4c 0b 43 2a
38 54 0d 13 52 32 46 25 1c 51 51 25 0b 0d 26 68
54 46 61 43 0d 61 43 0b 52 46 1c 0e 1c 61 19 46
4a 0e 19 51 70 62 4a 1a 64 46 1a 13 15 25 43 07
70 15 15 32 1a 13 51 1c 2a 61 1a 31 58 15 13 61
07 54 43 54 34 62 0e 64 43 54 15 54 25 64 0b <EOM>
<EOM><EOM>

16207 kHz, 25-10, 1616 UTC, T600

Sync 1eb41eb2952

Session key: 0e 38 4a 70 52 62 0e 2a 4c 0d 15 52 25 31 16 51 15 62 07 31 70 0d 52 38 0e

64 68 68 2a 15 19 68 51 32 19 38 1a 51 43 0b 4c
2a 68 34 4a 15 13 15 38 64 31 26 46 25 52 32 19
0d 0e 26 58 23 31 51 68 51 70 26 52 4c 2a 0d 0d
46 1a 13 64 2c 58 58 54 07 26 25 46 68 2a 16 19
38 4a 64 54 19 32 68 46 2a 43 23 61 1c 26 68 38
0b 51 70 2a 0e 43 23 26 32 07 0d 4a 4c 07 25 19
25 07 16 34 68 0e 0b 31 26 61 34 43 4c 19 4a 61
15 38 26 51 13 0d 36 74 12 58 25 52 2a 2c 54
58 0e 0e 07 58 70 4c 31 0e 13 34 25 1c 25 2c 70
46 54 38 0e 13 70 13 32 15 0e 64 15 26 34 26 46
25 4a 07 38 25 1c 34 4a 1a 0d 52 70 38 54 0d 4c
68 62 2a 62 61 16 26 32 64 13 07 1a 15 51 46 16
34 61 2a 15 0d 25 26 15 16 46 61 1a 2a 62 4c 32
19 4c 15 23 0b 31 51 0d 26 25 25 25 16 32 13 0e
32 0e 0d 0e 1c 13 38 13 4c 16 52 38 1a 0d 26 46
38 4a 19 1a 1c 32 54 19 70 0e 4a 4c 58 07 1c 0b
25 58 46 26 61 0e 34 34 54 70 38 34 61 0b 38 51
61 68 13 15 4c 0e 4a 43 07 4a 61 38 31 32 16 1a
13 2c 64 46 16 31 0b 0e 13 58 38 2c 51 4c 25 62
13 26 2c 0e 31 1a 62 62 52 07 0e 70 61 62 68 2a
58 61 43 61 13 13 19 1a 43 51 34 0b 16 32 23 26
31 07 1a 64 0d 0e 0e 13 13 26 2a 13 68 26 4c 58
62 13 70 0b 43 07 26 4a 58 38 26 26 26 70 68 68
68 25 23 32 61 70 15 23 46 13 23 23 46 0e 2c 43
54 64 62 4c 1c 15 58 1c 31 68 26 13 31 0d 64 51
38 26 32 07 32 32 64 54 1c 16 15 23 4c 16 07 0e
68 16 1a 07 1c 51 4c 54 2a 68 15 43 23 54 13 52

38 1c 62 25 16 62 52 62 51 4c 4c 0b 2a 0e 46 23
54 1c 68 4a 13 68 26 68 15 07 51 26 4a 31 43 31
0e 38 23 68 61 23 61 07 26 46 23 34 2c 1c 1a 4a
16 68 2a 70 34 1a 0b 4c 38 07 61 31 46 43 0d 64
34 19 46 68 0e 0b 2a 4c 0e 26 4a 07 38 1c 1a 23
1a 61 13 0e 70 4c 23 46 31 70 4a 31 15 0b 54 2c
0e 58 31 13 34 0d 34 26 0b 4a 23 62 2c 19 61 58
62 61 25 52 52 51 38 70 1a 4c 32 58 61 0d 26 34
15 25 26 0e 34 62 4c 19 64 1c 31 43 0b 54 46 15
54 61 23 34 54 1c 58 46 54 1c 62 4c 43 23 1a 26
32 16 32 43 51 23 0e 13 68 43 19 13 58 16 0d 19
38 4a 2a 31 13 32 58 16 4c 54 32 23 16 07 31 25
46 58 43 0d 70 46 43 07 43 0d 4a 34 25 0b 0e 13
31 0d 62 0e 58 16 51 16 52 1a 31 2c 1c 2a 0d 64
0e 43 1c 38 54 13 15 16 4a 46 34 46 46 19 54 70
43 70 0d 64 43 13 70 2a 4a 46 2c 23 0d 34 54 43
13 15 70 0e 1a 54 0d 13 68 19 62 68 13 0e 25 0b
31 43 68 43 58 13 46 31 68 13 1a 2a 43 64 70 1c
58 26 51 64 26 16 0b 16 43 32 07 52 19 64 1c 34
23 25 51 0b 32 68 38 15 07 26 26 25 25 07 64 26
1a 0d 64 38 62 64 4c 25 54 54 34 1a 1c 0d 2a 0e
51 0d 32 4c 0b 19 16 52 0e 07 <EOM><EOM><EOM>

16207 kHz, 25-10, 1618 UTC, T600

Sync 1eb41eb2952

Session key: 19 4a 0d 2c 64 34 32 4a 70 54 23 32 4a 23 23 58 70 70 32 62 46 4c 58 61 34

62 25 1a 43 61 43 15 23 58 19 34 38 23 4c 46 15
19 07 32 2c 52 51 1c 68 0d 52 0b 52 16 2a 0b 32
0d 23 26 4c 23 58 2a 1c 23 1c 26 0e 25 0d 58 1c
38 19 15 70 26 0d 1a 32 16 52 1a 26 26 2c 51 32
38 4a 32 0d 43 46 16 34 0b 46 16 52 2c 4c 16 4c
61 38 70 4c 07 2c 13 68 43 32 38 51 1c 2a 52 31
16 58 62 64 70 1a 52 07 58 4a 4c 23 16 1a 15 1a
34 51 68 38 07 0e 1c 61 70 2a 61 34 2c 26 1a 15
32 0d 16 2a 26 0e 07 31 23 1c 0b 0b 0e 46 13 61
1a 4a 51 26 4a 13 0e 0d 58 4a 26 1c 1a 61 4c 61
0d 19 34 0d 0b 34 64 38 4c 64 52 1c 51 64 23 19
34 54 68 07 58 26 1c 62 0d 23 70 2a 61 52 32 1a
25 58 52 13 0b 1c 13 62 1c 23 26 26 62 32 58 07
0e 19 31 4c 54 62 31 54 43 52 58 1c 0b 61 46 16
54 32 19 26 38 0b 07 0b 43 34 31 19 68 15 23 32
4c 4c 52 58 38 43 38 70 32 23 1c 51 38 2a 15 4a
26 2c 31 68 4a 31 2c 68 31 19 68 26 4a 61 2a 58
07 23 2c 16 07 0d 23 52 58 31 54 68 54 38 1a 25
4a 15 1c 1a 38 31 61 70 4c 13 51 34 2a 16 4c 19
31 46 0b 25 0d 15 43 19 1c 43 13 62 25 07 38 54
46 64 4a 16 68 51 4c 26 19 26 62 62 52 13 64 2c
34 62 2a 26 15 51 34 32 0e 1a 13 38 0d 43 25 31
32 52 31 1a 61 19 19 2a 62 52 64 19 4a 26 2a 13
0e 70 0d 07 0d 2c 51 2c 61 52 07 26 34 2c 19 13
58 15 0d 68 15 23 62 15 07 4a 26 0b 34 64 2a 0d
2c 16 31 54 4c 4c 43 62 46 61 61 70 54 51 58 58
0b 2a 43 43 4a 16 26 31 54 2c 4c 2a 4c 19 26 16
32 38 31 58 52 38 4c 64 52 70 54 62 52 13 0b 1c
4c 19 61 0b 4a 38 70 31 0d 31 16 38 58 0e 16 34
26 19 70 15 1c 34 68 32 32 70 62 46 26 31 4c 38
54 19 0e 0b 16 54 13 0d 70 4a 2a 16 15 31 4a 26
25 2a 2c 23 0b 13 64 15 0e 52 46 70 61 0d 31 61
54 68 1c 32 46 32 54 2c 19 51 54 19 64 32 0b 19
1c 2c 4a 64 51 0e 32 07 25 0e 43 15 43 70 19 0b
54 19 46 2c 0e 32 0d 2a 4a 62 58 70 46 64 4a 64
38 32 32 54 0b 32 1a 15 58 58 58 4c 43 64 2c 19
26 2c 1c 52 0e 62 15 23 0b 0d 54 0b 70 61 0e 23
1c 1c 46 16 07 61 2c 0d 31 26 43 4a 68 2c 31 62
43 2c 46 0b 62 2a 52 13 0d 15 15 58 0b 31 34 58
62 26 54 26 58 46 54 68 70 1c 0d 34 23 19 07 51
34 23 64 2c 62 54 68 1a 25 0e 0b 4c 25 13 51 07
13 31 0b 1a 46 58 2a 43 4c 52 2c 16 62 4a 58 26
0e 1c 4a 4c 2a 15 61 70 62 46 25 32 1c 23 19 1c
23 19 0b 0b 1a 38 43 0e 54 15 54 70 68 70 2c 51
46 2a 31 43 2c 4a 19 19 68 1c 54 38 1a 31 46 25

0d 51 38 64 1a 61 58 13 19 32 23 64 1c 54 68 2c
15 68 16 0d 46 61 0e 54 64 58 25 2c 25 0e 54 13
19 64 1c 31 0b 62 26 1a 13 2a 62 54 25 4a 2c 34
54 25 0b 13 58 70 38 32 1c 31 1a 07 43 4c 62 0e
62 54 61 2c 70 13 0b 2c 38 1c 52 07 52 1a 07 64
34 68 <EOM><EOM><EOM>

16207 kHz, 25-10, 1625 UTC, T600

Sync 1eb41eb2952

Session key: 15 2c 07 32 13 43 0e 43 4c 16 46 43 38 1a 4a 54 26 15 58 4c 07 70 0b 1a 68
61 1a 32 2c 1c 0b 70 58 4c 0e 4c 58 0e 25 32 52
62 1a 0d 26 51 43 62 64 54 61 61 25 54 13 1a 0d
15 0b 43 19 54 31 0e 38 62 2a 58 70 51 58 32 26
58 1a 1c 62 4a 1a 32 07 46 15 23 15 2a 68 25 31
31 23 68 58 31 0e 13 51 32 38 54 1a 26 13 23 64
54 26 58 25 4c 61 52 51 32 61 46 62 54 07 46 70
2c 2c 32 64 68 15 0d 15 68 46 64 38 31 15 68 26
1c 25 62 46 23 2c 52 15 61 58 54 2c 62 15 61 64
43 0d 31 0b 54 70 51 19 1a 07 31 19 19 2a 0d 70
19 54 13 64 2a 26 52 31 2a 15 19 62 15 0d 13 58
25 32 32 25 4a 2c 25 1a 16 32 61 13 32 58 19 0b
38 1a 2a 07 26 07 1c 26 26 1c 31 4a 34 23 4c 25
62 54 1a 58 61 34 07 31 31 54 07 32 52 15 64 51
23 46 0d 1c 54 34 46 0b 32 70 64 46 61 0e 1c 26
0d 62 62 1c 25 62 23 62 16 1c 0b 31 32 58 34 64
19 43 62 32 1a 26 26 43 1c 38 0e 16 2c 70 64 38
0b 1a 0b 0d 13 23 19 0e 34 16 16 26 07 16 52 61
38 13 54 23 54 2c 31 25 38 38 64 70 13 68 0e 1a
38 07 23 31 13 23 54 1c 0b 2a 1c 32 61 15 0e 23
2a 4c 52 64 62 62 4c 32 1c 4c 31 52 25 0e 31 64
2c 31 25 68 61 61 68 4a 58 61 0d 43 4a 07 4a 4c
<EOM><EOM><EOM>

16207 kHz, 25-10, 1626 UTC, T600

Sync 1eb41eb2952

Session key: 13 26 13 0b 0d 61 32 0e 34 52 4a 2a 70 62 32 16 51 25 25 0e 61 34 54 2c 58
4c 61 0b 51 1c 38 4a 19 51 62 64 3c 42 32 32 46
2a 34 32 64 61 54 0e 58 54 13 0e 58 43 07 38 31
0b 4a 19 70 0e 43 51 70 13 0e 15 64 1c 4c 62 0d
1a 07 32 4a 16 25 58 07 19 0e 38 68 54 32 52 26
58 52 25 15 4a 34 46 31 64 52 68 68 0e 32 70 68
61 4c 2a 2c 2c 23 54 32 1c 25 1c 15 31 2c 23 46
46 2c 4a 07 0d 1c 16 31 16 1c 4a 13 52 58 64 70
23 58 64 4a 23 15 0d 58 1a 64 15 64 4a 4c 38 64
62 62 58 4c 61 64 61 31 52 61 4a 16 51 61 0d 58
70 31 64 70 0b 0e 16 15 70 38 64 07 52 4a 46 0e
26 1a 58 70 34 1a 16 64 26 52 0d 62 34 31 23 43
51 38 1a 70 32 38 64 62 15 58 26 68 4c 13 38 61
0e 0e 31 1c 51 23 23 0d 0e 23 07 07 46 0e 0d 52
38 46 4c 68 0b 70 62 38 16 15 19 19 64 23 43 2c
2a 31 4a 23 2a 43 25 31 70 1c 2c 4a 43 1c 0b 1c
64 1a 58 26 15 32 15 46 25 2c 23 1c 07 07 0d 62
68 43 19 43 1a 64 70 68 23 38 38 4a 34 68 54 68
68 68 4c 15 54 4a 25 46 15 58 16 46 23 64 38 25
64 46 31 0e 0d 07 62 38 0e 4a 0d 1c 52 2c 34 61
68 70 1a 51 38 0e 70 0b 68 4a 2a 70 0b 38 58 13
26 32 15 2c 68 68 58 4c 19 46 46 13 46 2c 70 68
32 68 46 19 62 32 61 25 31 4a 62 13 15 25 25 46
2a 64 43 26 1c 32 38 1a 68 54 58 16 1c 1a 46 4c
2c 19 15 23 13 15 2a 4c 46 25 38 1a 07 52 4c 0b
68 1c 34 0d 2c 0b 19 2a 26 34 07 43 68 0d 46 54
31 25 43 26 34 64 0e 1c 07 19 68 2c 62 64 26 52
13 0d 34 38 15 0b 19 1c 4c 2a 4a 25 2c 32 15 0b
26 0e 38 19 54 62 0d 1a 38 52 26 25 70 46 54 46
64 52 0b 54 4a 0e 15 19 61 0d 25 19 0e 51 16 54
38 25 58 38 62 19 1a 13 46 23 15 4a 31 70 64 62
4a 25 58 0b 4c 61 70 43 38 31 70 32 2a 25 4c 23
25 32 1a 62 68 2c 64 34 0b 62 26 34 34 70 4a 52
51 1c 26 1c 51 0b 16 0e 70 25 07 58 26 51 19 1c
13 32 34 4c 1a 31 0b 0d 07 07 58 0b 25 0d 2c 0d

62 46 34 64 23 2a 15 31 13 34 1c 15 13 13 07 07
58 51 54 23 2a 2c 62 15 1a 19 16 15 4a 2a 58 0d
2c 4c 70 4c 54 15 34 1c 51 4c 2a 2c 62 68 1a 70
43 25 1c 62 31 51 26 64 68 0e 1a 64 23 2c 38 13
46 16 34 61 52 25 1c 62 25 61 58 31 2a 32 43 0b
68 0d 07 52 0b 58 54 46 1a 64 68 13 4a 4c 38 15
68 52 31 32 25 26 68 4a 2a 07 38 52 38 0e 61 23
2a 26 70 64 26 1c 4c 51 64 61 16 54 1c 62 43 52
23 25 1c 68 54 2a 16 07 4a 4c 2a 2a 54 0e 07 34
52 0d 13 64 16 46 61 32 07 1a 61 64 68 70 61 58
4c 19 2c 38 07 1c 0b 58 43 07 23 26 68 23 2a 31
70 46 0d 26 4c 70 0e 62 0d 34 61 1c 2a 43 0b 31
13 62 68 70 1c 34 54 15 64 13 0e 61 38 25 54 13
15 1a 46 54 4a 46 0d 62 43 61 4a 4c 38 46 70 26
2a 1c 70 1a 2a 70 4a 2a 62 51 23 13 2a 64 4a 16
4a 68 64 61 43 25 70 34 31 70 19 51 26 2a 70 2c
16 70 19 61 62 51 58 46 2a 54 43 52 61 31 61 2c
0d 16 1a 16 0d 07 26 4c 31 61 52 0e 38 51 25 61
23 19 25 1c 0e 31 32 25 1a 23 15 43 62 68 4c 23
0e 1a 46 4a 70 07 0e 26 52 0e 34 15 15 0e 07 38
19 34 4c 70 07 58 61 2c 62 26 25 43 68 34 19 4c
54 1a 23 1c 32 51 71 0e 58 0d 1c 16 43 31 4e 58
07 17 4a 51 0e 23 23 4c 0d 38 58 02 23 <EOM><EOM><EOM>

16207 kHz, 25-10, 1628 UTC, T600

Sync 1eb41eb2952

Session key: 38 58 25 2c 46 70 4c 0d 16 38 1c 54 26 2c 0b 70 54 51 2c 0e 38 13 54 1a 25
0b 4c 1c 31 07 46 26 25 0e 32 15 70 54 26 19 16
0b 62 46 70 4c 4a 1c 70 2a 25 07 13 2c 07 0b 2a
2a 43 68 62 38 70 2c 1a 2c 0d 2a 34 34 68 51 19
61 23 4a 62 2c 13 4a 07 32 1c 43 0e 32 25 19 58
62 26 52 15 52 43 52 31 19 31 2a 61 26 2a 0e 2c
25 68 0e 43 61 4a 1a 15 31 46 0d 52 50 52 1c 58
23 58 64 2a 58 18 3a 19 61 64 19 25 25 38 0b 19
34 1c 34 32 68 25 46 0d 1c 68 43 68 26 1a 68 1c
07 4c 1a 1c 34 51 07 58 62 16 64 0d 13 38 34 15
43 19 68 15 2a 1a 19 19 13 15 16 62 13 13 43 0d
70 62 1a 07 4c 58 07 54 64 2c 62 32 32 16 46 1c
61 16 19 46 13 0b 0d 23 58 38 61 51 13 31 4c 62
13 62 16 0b 0d 51 4a 2c 0b 0e 32 31 43 0b 07 51
16 70 34 58 52 51 2a 68 32 1c 64 2a 58 1a 2a 1c
07 38 07 1c 19 70 19 0b 23 1a 2c 70 25 62 0b 4c
07 0d 32 13 36 40 07 4c 4a 52 2a 64 70 0d 23 38
61 46 64 51 19 23 70 23 70 13 13 0d <EOM><EOM><EOM>

16207 kHz, 25-10, 1629 UTC, T600

Sync 1eb41eb2952

Session key: 4a 0b 62 46 0b 16 68 0b 64 70 26 62 64 23 07 52 25 07 54 26 34 1a 4c 23 64
15 1c 58 64 68 15 4c 16 17 4c 16 51 54 43 38 38
32 43 1a 1a 06 64 52 0b 58 25 68 13 70 0d 68 68
0d 13 13 31 51 13 52 46 34 34 0e 1a 0e 4a 19 32
15 52 07 1a 31 13 68 62 64 2c 51 2a 4a 16 23 68
13 16 16 2a 46 58 19 0b 23 26 1c 0e 0d 4a 25 58
34 4a 15 2c 0d 15 34 25 32 1c 0d 0d 4c 52 2a 1c
46 23 16 16 38 25 46 64 23 70 31 19 23 68 2c 2c
26 2c 32 38 25 61 0b 16 4a 0b 13 4c 15 46 0d 3d
16 23 16 70 51 31 25 51 43 16 0e 38 61 16 07 43
70 25 23 0b 4a 2c 51 58 4a 58 13 13 26 46 51 58
68 62 32 1c 23 62 13 38 16 2c 61 34 61 51 58 64
13 70 19 43 1c 25 26 70 13 54 61 2c 0b 52 2a 43
54 46 16 15 58 73 23 47 1c 34 10 03 4c 19 58 52
62 26 31 1c 11 7c 34 34 4c 19 70 54 0e 38 70 38
58 13 4a 51 0e 54 58 2c 4c 31 1c 16 19 54 31 2a
64 1c 58 52 51 38 54 52 25 64 58 51 61 4c 34 0d
61 16 51 46 1a 1c 61 64 23 13 68 51 <EOM><EOM><EOM>

LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Contributor
---	7058	1-10	1345	Fri	Russian-Ukrainian radio war. Loop transmission with excerpts of radio programs. Propaganda	LSB	(AB)
---	7055	1-10	1347	Fri	Russian-Ukrainian radio war. Loop transmission with excerpts of radio programs. Propaganda	LSB	(AB)
---	7050	1-10	1411	Fri	Russian-Ukrainian radio war. Loop transmission. Propaganda	LSB	(AB)
---	4182	2-10	1910	Sat	Dash channel marker	USB	(AB)
---	4770	5-10	1734	Tue	Alarm channel marker	USB	(AB)
---	3510	5-10	1735	Tue	Airhorn channel marker	USB	(AB)
---	3243	5-10	1737	Tue	Goose channel marker	USB	(AB)
---	4310	11-10	1547	Mon	Goose channel marker	USB	(ChPa)
---	4310	13-10	1513	Wed	Goose channel marker	USB	(ChPa)
---	4770	13-10	1616	Wed	Alarm channel marker	USB	(ChPa)
---	7055	15-10	1330	Fri	Russian-Ukrainian radio war. Exerpts from radio programs, propaganda. Led Zeppelin music	LSB	(AB)
---	3510	18-10	0353	Mon	Air Horn channel marker	USB	(ChPa)
---	3243	18-10	0355	Mon	Goose channel marker	USB	(ChPa)
---	4770	18-10	0410	Mon	Alarm channel marker	USB	(ChPa)
---	7055	19-10	1436	Tue	Russian-Ukrainian radio war. Anti Russian slogans and insults. Loop transmission	LSB	(AB)
---	7060	19-10	1708	Tue	Russian-Ukrainian radio war. Music and slogans	LSB	(AB)
---	3243	27-10	1853	Wed	Goose channel marker	USB	(ChPa)
---	3510	27-10	1855	Wed	Air Horn channel marker	USB	(ChPa)
---	4770	27-10	1900	Wed	Alarm channel marker	USB	(ChPa)
---	7055	29-10	1603	Fri	Russian-Ukrainian radio war. Propaganda	LSB	(AB)
DPRK	11045	12-10	0838	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	11045	13-10	0830	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	13-10	0830	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13900	18-10	1427	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	15500	22-10	1354	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	13100	23-10	0710	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	13105	23-10	0710	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	13115	23-10	0710	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	14100	23-10	0734	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	17315	23-10	0801	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11045	23-10	0848	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	11126	23-10	0848	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	13255	23-10	0902	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	26-10	0836	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	12200	27-10	1216	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	12222	27-10	1216	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	13100	27-10	1217	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	13105	27-10	1217	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)

DPRK	14200	28-10	0633	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	13300	28-10	0635	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	12100	28-10	0636	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
E06	16219	1-10	0300	Fri	361 207 38 81536 05517 70560 ... 73985 91271 65694 207 38 00000	USB	(PY)
E06	13545	1-10	0400	Fri	361 207 38 81536 05517 70560 ... 73985 91271 65694 207 38 00000	USB	(PY)
E06	8063	1-10	0806	Fri	975 (R4m) 283 60 2 [8 sec silence] 975 (R37m) 283 60 21862 93959 40000 ... 31518 69236 48749 283 60 00000	USB	(PY)
E06	11528	4-10	0210	Mon	537 182 46 06678 47479 14980 ... 86170 95810 65827 182 46 00000	USB	(PY)
E06	14613	4-10	0310	Mon	537 182 46 06678 47479 14980 ... 86170 95810 65827 182 46 00000	USB	(PY)
E06	11528	5-10	0210	Tue	537 182 46 06678 47479 14980 ... 86170 95810 65827 182 46 00000	USB	(PY)
E06	14613	5-10	0310	Tue	537 182 46 06678 47479 14980 ... 86170 95810 65827 182 46 00000	USB	(PY)
E06	16204	7-10	0300	Thu	361 584 39 78786 48987 43634 ... 55478 38463 30380 584 39 00000	USB	(PY)
E06	13545	7-10	0400	Thu	361 584 39 78786 48987 43634 ... 55478 38463 30380 584 39 00000	USB	(PY)
E06	18425	7-10	0600	Thu	186 392 50 98727 00978 43490 ... 86210 67260 76548 392 50 00000	USB	(AB-RUS)
E06	20230	7-10	0700	Thu	186 392 50 98727 00978 43490 ... 86210 67260 76548 392 50 00000	USB	(AB-RUS)
E06	16219	8-10	0300	Fri	361 584 39 78786 48987 43634 ... 55478 38463 30380 584 39 00000	USB	(PY)
E06	13545	8-10	0400	Fri	361 584 39 78786 48987 43634 ... 55478 38463 30380 584 39 00000	USB	(PY)
E06	18425	8-10	0600	Fri	186 392 50 98727 00978 43490 ... 86210 67260 76548 392 50 00000	USB	(AB-RUS)
E06	20230	8-10	0700	Fri	186 392 50 98727 00978 43490 ... 86210 67260 76548 392 50 00000	USB	(AB-RUS)
E06	11528	11-10	0210	Mon	537 906 47 85783 86081 37704 ... 85054 02687 99817 906 47 00000	USB	(PY)
E06	14613	11-10	0310	Mon	537 906 47 85783 86081 37704 ... 85054 02687 99817 906 47 00000	USB	(PY)
E06	11528	12-10	0210	Tue	537 906 47 85783 86081 37704 ... 85054 02687 99817 906 47 00000	USB	(PY)
E06	14613	12-10	0310	Tue	537 906 47 85783 86081 37704 ... 85054 02687 99817 906 47 00000	USB	(PY)
E06	16219	14-10	0300	Thu	361 297 40 05953 69374 13052 ... 22787 99048 97639 297 40 00000	USB	(PY)
E06	13545	14-10	0400	Thu	361 297 40 05953 69374 13052 ... 22787 99048 97639 297 40 00000	USB	(PY)
E06	16219	15-10	0300	Fri	361 297 40 05953 69374 13052 ... 22787 99048 97639 297 40 00000	USB	(PY)
E06	13545	15-10	0400	Fri	361 297 40 05953 69374 13052 ... 22787 99048 97639 297 40 00000	USB	(PY)
E06	11123	16-10	0900	Sat	980 764 31 32911 85927 51038 ... 97361 28322 74335 764 31 00000	USB	(PY)
E06	13532	16-10	0930	Sat	980 764 31 32911 85927 51038 ... 97361 28322 74335 764 31 00000	USB	(PY)
E06	11514	16-10	1000	Sat	980 764 31 32911 85927 51038 ... 97361 28322 74335 764 31 00000	USB	(PY)
E06	11528	18-10	0210	Mon	537 216 48 07388 01127 95852 ... 53983 22845 05898 216 48 00000	USB	(PY)
E06	14613	18-10	0310	Mon	537 216 48 07388 01127 95852 ... 53983 22845 05898 216 48 00000	USB	(PY)
E06	11528	19-10	0210	Tue	537 216 48 07388 01127 95852 ... 53983 22845 05898 216 48 00000	USB	(PY)
E06	14613	19-10	0310	Tue	537 216 48 07388 01127 95852 ... 53983 22845 05898 216 48 00000	USB	(PY)
E06	16219	21-10	0300	Thu	361 805 41 28959 61638 07876 ... 68597 45185 23937 805 41 00000	USB	(PY)
E06	13545	21-10	0400	Thu	361 805 41 28959 61638 07876 ... 68597 45185 23937 805 41 00000	USB	(AB-J/PY)
E06	18425	21-10	0600	Thu	186 407 52 65092 79694 92360 ... 66345 72925 64201 407 52 00000	USB	(AB/HFD)
E06	20230	21-10	0700	Thu	186 407 52 65092 79694 92360 ... 66345 72925 64201 407 52 00000	USB	(AB/HFD)
E06	16219	22-10	0300	Fri	361 805 41 28959 61638 07876 ... 68597 45185 23937 805 41 00000	USB	(PY)
E06	13545	22-10	0400	Fri	361 805 41 28959 61638 07876 ... 68597 45185 23937 805 41 00000	USB	(PY)
E06	18425	22-10	0600	Fri	186 407 52 65092 79694 92360 ... 66345 72925 64201 407 52 00000	USB	(AB-RUS)
E06	20230	22-10	0700	Fri	186 407 52 65092 79694 92360 ... 66345 72925 64201 407 52 00000	USB	(AB-RUS)

E06	11528	25-10	0210	Mon	537 280 49 64000 72735 43550 ... 84052 40307 40475 280 49 00000	USB	(PY/HFD-RUS)
E06	14613	25-10	0310	Mon	537 280 49 64000 72735 43550 ... 84052 40307 40475 280 49 00000	USB	(PY/HFD-RUS)
E06	11528	26-10	0210	Tue	537 280 49 64000 72735 43550 ... 84052 40307 40475 280 49 00000	USB	(PY)
E06	14613	26-10	0310	Tue	537 280 49 64000 72735 43550 ... 84052 40307 40475 280 49 00000	USB	(PY)
E06	10189	26-10	1400	Tue	192 857 39 04567 79534 91786 ... 14884 31528 14858 857 39 00000	USB	(AB/Priyom)
E06	16219	28-10	0300	Thu	361 795 42 30068 78945 71019 ... 36759 81595 45916 795 42 00000	USB	(PY)
E06	13545	28-10	0400	Thu	361 795 42 30068 78945 71019 ... 36759 81595 45916 795 42 00000	USB	(PY)
E06	16219	29-10	0300	Fri	361 795 42 30068 78945 71019 ... 36759 81595 45916 795 42 00000	USB	(PY)
E06	13545	29-10	0400	Fri	361 795 42 30068 78945 71019 ... 36759 81595 45916 795 42 00000	USB	(PY)
E07	15962	1-10	0700	Fri	945 954 954 1 1 3680 98 3680 98 75398 96107 95792 ... 73003 91557 84671 000 000	USB	(AB)
E07	17462	1-10	0720	Fri	945 954 954 1 1 3680 98 3680 98 75398 96107 95792 ... 73003 91557 84671 000 000	USB	(AB-KWT)
E07	18542	1-10	0740	Fri	945 954 954 1 1 3680 98 3680 98 75398 96107 95792 ... 73003 91557 84671 000 000	USB	(AB-KWT)
E07	12176	2-10	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	2-10	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	15849	2-10	1410	Sat	746 746 746 1 6584 64 6584 64 69004 74228 97111 ... 60587 51472 92966 000 000	USB	(AB/MPJ)
E07	14849	2-10	1430	Sat	746 746 746 1 6584 64 6584 64 69004 74228 97111 ... 60587 51472 92966 000 000	USB	(AB/MPJ)
E07	13449	2-10	1450	Sat	746 746 746 1 6584 64 6584 64 69004 74228 97111 ... 60587 51472 92966 000 000	USB	(AB/MPJ)
E07	8157	2-10	1500	Sat	504 504 504 1 7159 2 7159 2 31336 36653 000 000	USB	(Priyom)
E07	7534	2-10	1510	Sat	504 504 504 1 7159 2 7159 2 31336 36653 000 000	USB	(Priyom)
E07	7649	2-10	1520	Sat	504 504 504 1 7159 2 7159 2 31336 36653 000 000	USB	(AB)
E07	10317	3-10	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	3-10	0620	Sun	312 312 312 000	USB	(AB)
E07	11156	3-10	1700	Sun	130 130 130 1 474 61 474 61 99666 56027 04229 ... 24402 67588 82102 000 000	USB	(AB/HFD)
E07	9356	3-10	1720	Sun	130 130 130 1 474 61 474 61 99666 56027 04229 ... 24402 67588 82102 000 000	USB	(AB/HFD)
E07	8056	3-10	1740	Sun	130 130 130 1 474 61 474 61 99666 56027 04229 ... 24402 67588 82102 000 000	USB	(AB/HFD)
E07	15962	5-10	0700	Tue	945 945 945 1 1987 102 1987 102 63867 17863 35490 ... 17224 82161 92026 000 000	USB	(AB/HFD)
E07	17462	5-10	0720	Tue	945 945 945 1 1987 102 1987 102 63867 17863 35490 ... 17224 82161 92026 000 000	USB	(AB/HFD)
E07	18542	5-10	0740	Tue	945 945 945 1 1987 102 1987 102 63867 17863 35490 ... 17224 82161 92026 000 000	USB	(AB/HFD)
E07	11156	6-10	1700	Wed	130 130 130 000	USB	(AB/MPJ)
E07	9356	6-10	1720	Wed	130 130 130 000	USB	(AB/MPJ)
E07	15849	7-10	1410	Thu	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/MPJ)
E07	14849	7-10	1430	Thu	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/MPJ)
E07	13449	7-10	1450	Thu	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/MPJ)
E07	15962	8-10	0700	Fri	945 945 945 1 1987 102 1987 102 63867 17863 35490 ... 17224 82161 92026 000 000	USB	(AB)
E07	17462	8-10	0720	Fri	945 945 945 1 1987 102 1987 102 63867 17863 35490 ... 17224 82161 92026 000 000	USB	(AB)
E07	18542	8-10	0740	Fri	945 945 945 1 1987 102 1987 102 63867 17863 35490 ... 17224 82161 92026 000 000	USB	(AB)
E07	12176	9-10	1300	Sat	152 152 152 000	USB	(AB/RL-HOL/MPJ/GHn)
E07	11576	9-10	1320	Sat	152 152 152 000	USB	(AB/RL-HOL/MPJ)
E07	15849	9-10	1410	Sat	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/MPJ)
E07	14849	9-10	1430	Sat	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/MPJ)
E07	13449	9-10	1450	Sat	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/MPJ)

E07	10317	10-10	0600	Sun	312 312 312 000	USB	(AB/HFD)
E07	11117	10-10	0620	Sun	312 312 312 000	USB	(AB/HFD)
E07	11156	10-10	1700	Sun	130 130 130 000	USB	(AB)
E07	9356	10-10	1720	Sun	130 130 130 000	USB	(AB)
E07	15962	12-10	0700	Tue	945 945 945 000	USB	(AB)
E07	17462	12-10	0720	Tue	945 945 945 000	USB	(AB)
E07	11156	13-10	1700	Wed	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)
E07	9356	13-10	1720	Wed	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)
E07	8056	13-10	1740	Wed	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)
E07	15849	14-10	1410	Thu	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/MPJ/HFD)
E07	14849	14-10	1430	Thu	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/MPJ/HFD)
E07	13449	14-10	1450	Thu	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/MPJ/HFD)
E07	15962	15-10	0700	Fri	945 945 945 000	USB	(AB)
E07	17462	15-10	0720	Fri	945 945 945 000	USB	(AB)
E07	12176	16-10	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	16-10	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	15849	16-10	1410	Sat	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/MPJ)
E07	14849	16-10	1430	Sat	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/PW2/MPJ)
E07	13449	16-10	1450	Sat	746 746 746 1 294 64 294 64 98215 30501 52538 ... 86918 54485 49671 000 000	USB	(AB/MPJ)
E07	10317	17-10	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	17-10	0620	Sun	312 312 312 000	USB	(AB)
E07	11156	17-10	1700	Sun	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)
E07	9356	17-10	1720	Sun	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)
E07	8056	17-10	1740	Sun	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)
E07	15962	19-10	0700	Tue	945 945 945 000	USB	(AB)
E07	17462	19-10	0720	Tue	945 945 945 000	USB	(AB)
E07	11156	20-10	1700	Wed	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)
E07	9356	20-10	1720	Wed	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)
E07	8056	20-10	1740	Wed	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)
E07	15849	21-10	1410	Thu	746 746 746 000	USB	(AB/MPJ)
E07	14849	21-10	1430	Thu	746 746 746 000	USB	(AB/MPJ)
E07	15962	22-10	0700	Fri	945 945 945 000	USB	(AB)
E07	17462	22-10	0720	Fri	945 945 945 000	USB	(AB)
E07	12176	23-10	1300	Sat	152 152 152 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB/MPJ/EW)
E07	11576	23-10	1325	Sat	152 152 152 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB/MPJ)
E07	10276	23-10	1350	Sat	152 152 152 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB/MPJ)
E07	15849	23-10	1410	Sat	746 746 746 000	USB	(AB/MPJ)
E07	14849	23-10	1430	Sat	746 746 746 000	USB	(AB/MPJ)
E07	10317	24-10	0600	Sun	312 312 312 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB)
E07	11117	24-10	0625	Sun	312 312 312 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB)
E07	12217	24-10	0651	Sun	312 312 312 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB)
E07	11156	24-10	1700	Sun	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)

E07	9356	24-10	1720	Sun	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)
E07	8056	24-10	1740	Sun	130 130 130 1 3999 78 3999 78 20970 82771 83917 ... 79109 84263 31866 000 000	USB	(AB)
E07	15962	26-10	0700	Tue	945 945 945 1 6216 87 6216 87 48780 38874 60282 ... 57608 98393 86114 000 000	USB	(AB)
E07	17462	26-10	0720	Tue	945 945 945 1 6216 87 6216 87 48780 38874 60282 ... 57608 98393 86114 000 000	USB	(AB)
E07	18542	26-10	0720	Tue	945 945 945 1 6216 87 6216 87 48780 38874 60282 ... 57608 98393 86114 000 000	USB	(AB)
E07	11156	27-10	1700	Wed	130 130 130 000	USB	(AB)
E07	9356	27-10	1720	Wed	130 130 130 000	USB	(AB)
E07	15849	28-10	1410	Thu	746 746 746 000	USB	(AB/MPJ)
E07	14849	28-10	1430	Thu	746 746 746 000	USB	(AB/MPJ)
E07	15962	29-10	0700	Fri	945 945 945 1 6216 87 6216 87 48780 38874 60282 ... 57608 98393 86114 000 000	USB	(AB)
E07	17462	29-10	0720	Fri	945 945 945 1 6216 87 6216 87 48780 38874 60282 ... 57608 98393 86114 000 000	USB	(AB)
E07	18542	29-10	0720	Fri	945 945 945 1 6216 87 6216 87 48780 38874 60282 ... 57608 98393 86114 000 000	USB	(AB)
E07	12176	30-10	1300	Sat	152 152 152 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB/MPJ)
E07	11576	30-10	1325	Sat	152 152 152 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB/MPJ)
E07	10276	30-10	1350	Sat	152 152 152 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB/MPJ)
E07	15849	30-10	1410	Sat	746 746 746 000	USB	(AB/MPJ)
E07	14849	30-10	1430	Sat	746 746 746 000	USB	(AB/MPJ)
E07	10317	31-10	0600	Sun	312 312 312 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB)
E07	11117	31-10	0625	Sun	312 312 312 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB)
E07	12217	31-10	0650	Sun	312 312 312 1 895 178 895 178 89071 83052 03749 ... 91287 77896 88843 000 000	USB	(AB)
E07	11156	31-10	1700	Sun	130 130 130 000	USB	(AB)
E07	9356	31-10	1720	Sun	130 130 130 000	USB	(AB)
E07a	11424	1-10	1510	Fri	411 411 411 000	USB	(AB/MPJ/HFD)
E07a	10124	1-10	1530	Fri	411 411 411 000	USB	(AB/MPJ/HFD)
E07a	11484	2-10	0800	Sat	413 413 413 000	USB	(AB/HFD)
E07a	12184	2-10	0820	Sat	413 413 413 000	USB	(AB/HFD)
E07a	8144	6-10	2000	Wed	197 197 197 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)
E07a	6944	6-10	2020	Wed	197 197 197 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)
E07a	5744	6-10	2040	Wed	197 197 197 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)
E07a	6788	7-10	0430	Thu	741 741 741 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)
E07a	7488	7-10	0450	Thu	741 741 741 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)
E07a	8188	7-10	0510	Thu	741 741 741 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)
E07a	11424	8-10	1510	Fri	411 411 411 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB/GHn/MPJ/RL-HOL))
E07a	10124	8-10	1530	Fri	411 411 411 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB/MPJ/RL-HOL)
E07a	8124	8-10	1550	Fri	411 411 411 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB/MPJ/RL-HOL)
E07a	11484	9-10	0800	Sat	413 413 413 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB)
E07a	12184	9-10	0820	Sat	413 413 413 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB)
E07a	13384	9-10	0840	Sat	413 413 413 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB)
E07a	8144	13-10	2000	Wed	197 197 197 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)
E07a	6944	13-10	2020	Wed	197 197 197 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)
E07a	5744	13-10	2040	Wed	197 197 197 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)

E07a	6788	14-10	0430	Thu	741 741 741 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)
E07a	7488	14-10	0450	Thu	741 741 741 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)
E07a	8188	14-10	0510	Thu	741 741 741 1 60300 7598 72 7598 72 03533 75102 33700 ... 92918 43617 45768 000 000	USB	(AB)
E07a	11424	15-10	1510	Fri	411 411 411 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB/MPJ)
E07a	10124	15-10	1530	Fri	411 411 411 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB/MPJ)
E07a	8124	15-10	1550	Fri	411 411 411 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB/MPJ)
E07a	11484	16-10	0800	Sat	413 413 413 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB)
E07a	12184	16-10	0820	Sat	413 413 413 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB)
E07a	13384	16-10	0840	Sat	413 413 413 1 12825 593 64 593 64 91125 41648 40718 ... 31393 76397 77538 000 000	USB	(AB/JU)
E07a	8144	20-10	2000	Wed	197 197 197 000	USB	(AB/HFD)
E07a	6944	20-10	2020	Wed	197 197 197 000	USB	(AB/HFD)
E07a	6788	21-10	0430	Thu	741 741 741 000	USB	(AB/HFD)
E07a	7488	21-10	0450	Thu	741 741 741 000	USB	(AB/HFD)
E07a	11424	22-10	1510	Fri	411 411 411 000	USB	(AB/GHn)
E07a	10124	22-10	1530	Fri	411 411 411 000	USB	(AB/GHn)
E07a	11484	23-10	0800	Sat	413 413 413 000	USB	(AB)
E07a	12184	23-10	0820	Sat	413 413 413 000	USB	(AB)
E07a	8144	27-10	2000	Wed	197 197 197 000	USB	(AB/RL)
E07a	6944	27-10	2020	Wed	197 197 197 000	USB	(AB/RL)
E07a	6788	28-10	0430	Thu	741 741 741 000	USB	(AB)
E07a	7488	28-10	0450	Thu	741 741 741 000	USB	(AB)
E07a	11424	29-10	1510	Fri	411 411 411 000	USB	(AB/MPJ)
E07a	10124	29-10	1530	Fri	411 411 411 000	USB	(AB/GHn/MPJ)
E07a	11484	30-10	0800	Sat	413 413 413 000	USB	(AB)
E07a	12184	30-10	0820	Sat	413 413 413 000	USB	(AB)
E11	8680	1-10	0600	Fri	352/00	USB	(AB)
E11	8180	1-10	0700	Fri	577/00	USB	(AB)
E11	9963	1-10	0715	Fri	630/00	USB	(AB)
E11	17410	1-10	0745	Fri	343/00	USB	(AB)
E11	5941	1-10	0820	Fri	439/00	USB	(AB)
E11	9951	1-10	1000	Fri	307/00	USB	(AB)
E11	11116	1-10	1650	Fri	920/00	USB	(AB/MPJ)
E11	8530	1-10	1910	Fri	613/00	USB	(AB)
E11	9079	2-10	0730	Sat	495/00	USB	(AB/HFD)
E11	4181	2-10	1910	Sat	392/00	USB	(AB)
E11	8680	3-10	0600	Sun	353/00	USB	(AB)
E11	9079	3-10	0730	Sun	496/00	USB	(AB)
E11	5737	3-10	1330	Sun	527/00	USB	(AB/MPJ)
E11	5082	3-10	1605	Sun	235/00	USB	(AB)
E11	11116	3-10	1650	Sun	926/00	USB	(AB/MPJ)
E11	13470	3-10	1745	Sun	248/00	USB	(MPJ)
E11	8530	3-10	1910	Sun	610/00	USB	(AB)

E11	5371	4-10	0450	Mon	412/00	USB	(AB/HFD)
E11	15632	4-10	0715	Mon	751/00	USB	(AB)
E11	10213	4-10	0745	Mon	262/00	USB	(AB)
E11	9968	4-10	0900	Mon	538/00	USB	(AB)
E11	5371	4-10	1300	Mon	313/00	USB	(AB/MPJ-HOL)
E11	7317	4-10	1900	Mon	644/00	USB	(AB)
E11	8180	5-10	0700	Tue	579/00	USB	(AB)
E11	9963	5-10	0715	Tue	630/00	USB	(AB)
E11	14865	5-10	0745	Tue	220/00	USB	(AB)
E11	19184	5-10	0820	Tue	134/00	USB	(AB-RUS)
E11	12202	5-10	0845	Tue	156/00	USB	(AB)
E11	9951	5-10	1000	Tue	306/00	USB	(AB)
E11	6923	5-10	1205	Tue	465/00	USB	(AB)
E11	12530	5-10	1230	Tue	334/00	USB	(AB)
E11	5082	5-10	1605	Tue	235/00	USB	(AB)
E11	15632	6-10	0715	Wed	755/00	USB	(AB)
E11	17410	6-10	0745	Wed	344/00	USB	(AB)
E11	19184	6-10	0820	Wed	135/00	USB	(AB)
E11	9968	6-10	0900	Wed	537/00	USB	(AB)
E11	6940	6-10	0930	Wed	275/00	USB	(AB)
E11	6923	6-10	1205	Wed	465/00	USB	(AB)
E11	6923	6-10	1715	Wed	974/00	USB	(AB)
E11	4181	6-10	1910	Wed	390/00	USB	(AB)
E11	5941	7-10	0820	Thu	435/00	USB	(AB)
E11	12202	7-10	0845	Thu	155/00	USB	(AB)
E11	6940	7-10	0930	Thu	277/00	USB	(AB)
E11	12530	7-10	1230	Thu	337/00	USB	(AB/MPJ)
E11	5371	7-10	1300	Thu	317/00	USB	(AB/MPJ)
E11	5737	7-10	1330	Thu	527/00	USB	(AB)
E11	10330	7-10	1530	Thu	262/00	USB	(AB/GHn)
E11	7864	7-10	1730	Thu	411/00	USB	(AB)
E11	7317	7-10	1900	Thu	641/00	USB	(AB/RL-HOL)
E11	8680	8-10	0600	Fri	358/00	USB	(AB)
E11	8180	8-10	0700	Fri	570/00	USB	(AB)
E11	9963	8-10	0715	Fri	631/00	USB	(AB)
E11	17410	8-10	0745	Fri	344/00	USB	(AB)
E11	5941	8-10	0820	Fri	435/00	USB	(AB)
E11	9951	8-10	1000	Fri	309/00	USB	(AB)
E11	6923	8-10	1715	Fri	978/00	USB	(AB/RL-HOL)
E11	8530	8-10	1910	Fri	613/00	USB	(AB)
E11	4505	9-10	1530	Sat	368/00	USB	(AB/MPJ)
E11	4181	9-10	1910	Sat	396/00	USB	(AB)

E11	8680	10-10	0600	Sun	355/00	USB	(AB)
E11	5737	10-10	1330	Sun	525/00	USB	(AB/MPJ)
E11	4505	10-10	1530	Sun	366/00	USB	(AB/MPJ)
E11	5082	10-10	1605	Sun	238/00	USB	(AB/MPJ)
E11	8530	10-10	1910	Sun	611/00	USB	(AB)
E11	14865	11-10	0640	Mon	949/00	USB	(AB)
E11	15632	11-10	0715	Mon	759/00	USB	(AB)
E11	10213	11-10	0745	Mon	267/00	USB	(AB)
E11	12202	11-10	0845	Mon	711/00	USB	(AB)
E11	9968	11-10	0900	Mon	538/00	USB	(AB)
E11	7317	11-10	1045	Mon	693/00	USB	(AB)
E11	13470	11-10	1745	Mon	248/00	USB	(AB)
E11	7317	11-10	1900	Mon	641/00	USB	(AB)
E11	8423	12-10	0645	Tue	512/00	USB	(AB)
E11	8180	12-10	0700	Tue	576/00	USB	(AB)
E11	9963	12-10	0715	Tue	633/00	USB	(AB)
E11	14865	12-10	0745	Tue	220/00	USB	(AB)
E11	12202	12-10	0845	Tue	156/00	USB	(AB)
E11	9951	12-10	1000	Tue	302/00	USB	(AB)
E11	5082	12-10	1605	Tue	236/00	USB	(AB/MPJ)
E11	14865	13-10	0640	Wed	942/00	USB	(AB)
E11	15632	13-10	0715	Wed	755/00	USB	(AB)
E11	12202	13-10	0845	Wed	710/00	USB	(AB)
E11	9968	13-10	0900	Wed	536/00	USB	(AB)
E11	6940	13-10	0930	Wed	277/00	USB	(AB)
E11	7317	13-10	1045	Wed	692/00	USB	(AB)
E11	6923	13-10	1715	Wed	975/00	USB	(AB)
E11	8423	14-10	0645	Thu	514/00	USB	(AB)
E11	14865	14-10	0745	Thu	229/00	USB	(AB)
E11	5941	14-10	0820	Thu	434/00	USB	(AB)
E11	12202	14-10	0845	Thu	157/00	USB	(AB)
E11	6940	14-10	0930	Thu	273/00	USB	(AB)
E11	5737	14-10	1330	Thu	527/00	USB	(AB)
E11	10330	14-10	1530	Thu	264/00	USB	(AB/GHn/MPJ)
E11	7317	14-10	1900	Thu	640/00	USB	(AB)
E11	8680	15-10	0600	Fri	353/00	USB	(AB)
E11	8180	15-10	0700	Fri	577/00	USB	(AB)
E11	9963	15-10	0715	Fri	636/00	USB	(AB)
E11	5941	15-10	0820	Fri	431/00	USB	(AB)
E11	9951	15-10	1000	Fri	307/00	USB	(AB)
E11	11116	15-10	1650	Fri	927/00	USB	(AB/MPJ)
E11	6923	15-10	1715	Fri	975/00	USB	(AB)

E11	9079	16-10	0730	Sat	497/00	USB	(AB)
E11	4505	16-10	1530	Sat	368/00	USB	(AB)
E11	8680	17-10	0600	Sun	351/00	USB	(AB)
E11	9079	17-10	0730	Sun	490/00	USB	(AB)
E11	5737	17-10	1330	Sun	528/00	USB	(AB/MPJ)
E11	4505	17-10	1530	Sun	368/00	USB	(AB/MPJ)
E11	5082	17-10	1605	Sun	231/00	USB	(AB/MPJ)
E11	11116	17-10	1650	Sun	927/00	USB	(AB/MPJ)
E11	13470	17-10	1745	Sun	245/00	USB	(AB/MPJ)
E11	5371	18-10	0450	Mon	415/00	USB	(AB/HFD)
E11	14865	18-10	0640	Mon	941/00	USB	(AB-POL)
E11	10213	18-10	0745	Mon	266/00	USB	(AB)
E11	12202	18-10	0845	Mon	710/00	USB	(AB)
E11	7317	18-10	1045	Mon	697/00	USB	(AB)
E11	5371	18-10	1300	Mon	319/00	USB	(AB)
E11	13470	18-10	1745	Mon	247/00	USB	(AB-POL/MPJ)
E11	8423	19-10	0645	Tue	519/00	USB	(AB)
E11	8180	19-10	0700	Tue	571/00	USB	(AB)
E11	9963	19-10	0715	Tue	631/00	USB	(AB)
E11	19184	19-10	0820	Tue	133/00	USB	(AB-POL)
E11	12202	19-10	0845	Tue	152/00	USB	(AB)
E11	9951	19-10	1000	Tue	307/00	USB	(AB)
E11	6923	19-10	1205	Tue	461/00	USB	(AB/MPJ)
E11	12530	19-10	1230	Tue	337/00	USB	(AB/MPJ)
E11	14865	20-10	0640	Wed	941/00	USB	(AB)
E11	17410	20-10	0745	Wed	344/00	USB	(AB-POL)
E11	19184	20-10	0820	Wed	138/00	USB	(AB-POL)
E11	12202	20-10	0845	Wed	716/00	USB	(AB)
E11	7317	20-10	1045	Wed	696/00	USB	(AB)
E11	6923	20-10	1205	Wed	461/00	USB	(AB)
E11	4181	20-10	1910	Wed	390/00	USB	(AB)
E11	8423	21-10	0645	Thu	515/00	USB	(AB)
E11	12202	21-10	0845	Thu	159/00	USB	(AB)
E11	12530	21-10	1230	Thu	338/00	USB	(AB)
E11	5371	21-10	1300	Thu	312/00	USB	(AB/MPJ)
E11	5737	21-10	1330	Thu	521/00	USB	(AB/MPJ)
E11	10330	21-10	1530	Thu	261/00	USB	(AB/GHn/MPJ)
E11	7864	21-10	1730	Thu	410/00	USB	(AB)
E11	8180	22-10	0700	Fri	574/00	USB	(AB)
E11	9963	22-10	0715	Fri	630/00	USB	(AB)
E11	17410	22-10	0745	Fri	348/00	USB	(AB-POL)
E11	9951	22-10	1000	Fri	306/00	USB	(AB)

E11	11116	22-10	1650	Fri	920/00	USB	(AB/GHn/MPJ)
E11	8530	22-10	1910	Fri	617/00	USB	(AB)
E11	9079	23-10	0730	Sat	496/00	USB	(AB)
E11	4505	23-10	1530	Sat	364/00	USB	(AB)
E11	4181	23-10	1910	Sat	396/00	USB	(AB)
E11	9079	24-10	0730	Sun	496/00	USB	(AB)
E11	5737	24-10	1330	Sun	524/00	USB	(AB/MPJ)
E11	4505	24-10	1530	Sun	360/00	USB	(AB/MPJ)
E11	11116	24-10	1650	Sun	927/00	USB	(AB/MPJ)
E11	13470	24-10	1745	Sun	245/00	USB	(AB-POL/MPJ)
E11	8530	24-10	1910	Sun	617/00	USB	(AB)
E11	5371	25-10	0450	Mon	411/00	USB	(AB)
E11	14865	25-10	0640	Mon	946/00	USB	(AB-POL)
E11	15632	25-10	0715	Mon	750/00	USB	(AnEur)
E11	12202	25-10	0845	Mon	716/00	USB	(AB)
E11	9968	25-10	0900	Mon	533/00	USB	(AB)
E11	7317	25-10	1045	Mon	696/00	USB	(AB)
E11	5371	25-10	1300	Mon	314/00	USB	(AB)
E11	13470	25-10	1745	Mon	248/00	USB	(AB/MPJ)
E11	7317	25-10	1900	Mon	640/00	USB	(AB)
E11	8423	26-10	0645	Tue	512/00	USB	(AB)
E11	14865	26-10	0745	Tue	224/00	USB	(AB)
E11	19184	26-10	0820	Tue	132/00	USB	(AB-RUS)
E11	6923	26-10	1205	Tue	460/00	USB	(AB/MPJ)
E11	12530	26-10	1230	Tue	337/00	USB	(AB)
E11	5082	26-10	1605	Tue	236/00	USB	(AB/GHn/MPJ)
E11	14865	27-10	0640	Wed	945/00	USB	(AB)
E11	15632	27-10	0715	Wed	759/00	USB	(AB)
E11	17410	27-10	0745	Wed	344/00	USB	(AB-POL)
E11	19184	27-10	0820	Wed	136/00	USB	(AB-RUS)
E11	12202	27-10	0845	Wed	711/00	USB	(AB)
E11	9968	27-10	0900	Wed	537/00	USB	(AB)
E11	6940	27-10	0930	Wed	275/00	USB	(AB)
E11	7317	27-10	1045	Wed	690/00	USB	(AB)
E11	6923	27-10	1205	Wed	465/00	USB	(AB)
E11	6923	27-10	1715	Wed	977/00	USB	(AB/MPJ)
E11	4181	27-10	1910	Wed	392/00	USB	(AB)
E11	8423	28-10	0645	Thu	514/00	USB	(AB)
E11	14865	28-10	0745	Thu	221/00	USB	(AB)
E11	5941	28-10	0820	Thu	439/00	USB	(AB)
E11	6940	28-10	0930	Thu	270/00	USB	(AB)
E11	12530	28-10	1230	Thu	335/00	USB	(AB/MPJ)

E11	5371	28-10	1300	Thu	310/00	USB	(AB)
E11	7864	28-10	1730	Thu	411/00	USB	(AB/MPJ)
E11	7317	28-10	1900	Thu	644/00	USB	(AB)
E11	8680	29-10	0600	Fri	350/00	USB	(AB)
E11	17410	29-10	0745	Fri	349/00	USB	(AB)
E11	5941	29-10	0820	Fri	432/00	USB	(AB)
E11	15905	29-10	0830	Fri	189/00	USB	(BV2)
E11	11116	29-10	1650	Fri	927/00	USB	(AB/GHn/MPJ)
E11	6923	29-10	1715	Fri	975/00	USB	(AB/MPJ)
E11	8530	29-10	1910	Fri	610/00	USB	(AB)
E11	9079	30-10	0730	Sat	490/00	USB	(AB)
E11	4505	30-10	1530	Sat	363/00	USB	(AB/MPJ)
E11	4181	30-10	1910	Sat	395/00	USB	(AB)
E11	8680	31-10	0600	Sun	355/00	USB	(AB)
E11	9079	31-10	0730	Sun	495/00	USB	(AB)
E11	4505	31-10	1530	Sun	363/00	USB	(AB/MPJ)
E11	5082	31-10	1605	Sun	235/00	USB	(AB/MPJ)
E11	11116	31-10	1650	Sun	927/00	USB	(AB/MPJ)
E11	13470	31-10	1745	Sun	240/00	USB	(AB/MPJ)
E11	8530	31-10	1910	Sun	611/00	USB	(AB/MPJ)
E11a	4505	2-10	1530	Sat	360/37 Attention 02396 98734 30054 ... 75269 73713 71044 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4505	3-10	1530	Sun	360/37 Attention 02396 98734 30054 ... 75269 73713 71044 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	7317	4-10	1045	Mon	696/24 Attention 20951 58272 90930 ... 46547 52289 86868 Attention (message repeated) Out	USB	(AB)
E11a	13470	4-10	1745	Mon	249/37 Attention 63736 93474 33687 ... 21055 27072 18999 Attention (message repeated) Out	USB	(MPJ)
E11a	8423	5-10	0645	Tue	510/34 Attention 57470 82968 27525 ... 75074 11307 47414 Attention (message repeated) Out	USB	(AB)
E11a	14865	6-10	0640	Wed	942/23 Attention 81567 56417 43910 ... 14958 48283 59433 Attention (message repeated) Out	USB	(AB)
E11a	12202	6-10	0845	Wed	716/36 Attention 36148 11284 14345 ... 29496 72766 48755 Attention (message repeated) Out	USB	(AB)
E11a	7317	6-10	1045	Wed	696/24 Attention 20951 58272 90930 ... 46547 52289 86868 Attention (message repeated) Out	USB	(AB)
E11a	8423	7-10	0645	Thu	510/34 Attention 57470 82968 27525 ... 75074 11307 47414 Attention (message repeated) Out	USB	(AB)
E11a	11116	8-10	1650	Fri	922/40 Attention 07936 05931 42778 ... 39250 32534 09600 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	9079	9-10	0730	Sat	497/32 Attention 59670 85940 42623 ... 31669 56839 03233 Attention (message repeated) Out	USB	(AB)
E11a	9079	10-10	0730	Sun	497/32 Attention 59670 85940 42623 ... 31669 56839 03233 Attention (message repeated) Out	USB	(AB)
E11a	11116	10-10	1650	Sun	922/40 Attention 07936 05931 42778 ... 39250 32534 09600 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	13470	10-10	1745	Sun	249/37 Attention 63736 93474 33687 ... 21055 27072 18999 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5371	11-10	0450	Mon	410/38 Attention 43308 92052 85310 ... 79242 02239 12615 Attention (message repeated) Out	USB	(AB)
E11a	5371	11-10	1300	Mon	316/39 Attention 44356 86770 69644 ... 16721 73644 47653 Attention (message repeated) Out	USB	(AB)
E11a	19184	12-10	0820	Tue	133/34 Attention 13332 64501 61288 ... 27207 10465 96448 Attention (message repeated) Out	USB	(AB-POL)
E11a	6923	12-10	1205	Tue	463/34 Attention 74476 83599 72262 ... 94731 15630 27722 Attention (message repeated) Out	USB	(AB)
E11a	12530	12-10	1230	Tue	333/35 Attention 73638 18346 54970 ... 56837 40912 66232 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	17410	13-10	0745	Wed	346/33 Attention 16376 01336 79324 ... 63557 70611 11535 Attention (message repeated) Out	USB	(AB-POL)
E11a	19184	13-10	0820	Wed	133/34 Attention 13332 64501 61288 ... 27207 10465 96448 Attention (message repeated) Out	USB	(AB-POL)
E11a	6923	13-10	1205	Wed	463/34 Attention 74476 83599 72262 ... 94731 15630 27722 Attention (message repeated) Out	USB	(AB)

E11a	4181	13-10	1910	Wed	396/37 Attention 57388 48091 05514 ... 75254 63010 51536 Attention (message repeated) Out	USB	(AB)
E11a	12530	14-10	1230	Thu	333/35 Attention 73638 18346 54970 ... 56837 40912 66232 Attention (message repeated) Out	USB	(AB)
E11a	5371	14-10	1300	Thu	316/39 Attention 44356 86770 69644 ... 16721 73644 47653 Attention (message repeated) Out	USB	(AB)
E11a	7864	14-10	1730	Thu	410/38 Attention 43308 92052 85310 ... 79242 02239 12615 Attention (message repeated) Out	USB	(AB)
E11a	17410	15-10	0745	Fri	346/33 Attention 16376 01336 79324 ... 63557 70611 11535 Attention (message repeated) Out	USB	(AB-POL)
E11a	8530	15-10	1910	Fri	616/32 Attention 61101 48970 73036 ... 26754 72766 56734 Attention (message repeated) Out	USB	(AnEur)
E11a	4181	16-10	1910	Sat	396/37 Attention 57388 48091 05514 ... 75254 63010 51536 Attention (message repeated) Out	USB	(AB/PW2)
E11a	8530	17-10	1910	Sun	616/32 Attention 61101 48970 73036 ... 26754 72766 56734 Attention (message repeated) Out	USB	(AB)
E11a	15632	18-10	0715	Mon	753/34 Attention 18848 05713 58786 ... 75535 02972 42014 Attention (message repeated) Out	USB	(AB-POL)
E11a	9968	18-10	0900	Mon	534/35 Attention 38357 65805 45024 ... 03659 84523 26030 Attention message repeated) Out	USB	(AB)
E11a	7317	18-10	1900	Mon	647/33 Attention 45084 31270 36406 ... 96108 59022 85831 Attention (message repeated) Out	USB	(AB)
E11a	14865	19-10	0745	Tue	228/35 Attention 17529 92591 79161 ... 40402 95574 06205 Attention (message repeated) Out	USB	(AB)
E11a	5082	19-10	1605	Tue	238/38 Attention 41679 50755 99605 ... 65659 61738 26389 Attention (message repeated) Out	USB	(AB/GHn/MPJ)
E11a	15632	20-10	0715	Wed	753/34 Attention 18848 05713 58786 ... 75535 02972 42014 Attention (message repeated) Out	USB	(AB)
E11a	9968	20-10	0900	Wed	534/35 Attention 38357 65805 45024 ... 03659 84523 26030 Attention message repeated) Out	USB	(AB)
E11a	6940	20-10	0930	Wed	279/32 Attention 46636 12638 28338 ... 29033 78835 79432 Attention (message repeated) Out	USB	(AB)
E11a	6923	20-10	1715	Wed	970/40 Attention 66623 36439 31479 ... 25853 17331 49602 Attention (message repeated) Out	USB	(AB)
E11a	14865	21-10	0745	Thu	228/35 Attention 17529 92591 79161 ... 40402 95574 06205 Attention (message repeated) Out	USB	(AB)
E11a	5941	21-10	0820	Thu	431/32 Attention 66759 86400 78946 ... 61935 78207 01954 Attention (message repeated) Out	USB	(AB)
E11a	6940	21-10	0930	Thu	279/32 Attention 46636 12638 28338 ... 29033 78835 79432 Attention (message repeated) Out	USB	(AB)
E11a	7317	21-10	1900	Thu	647/33 Attention 45084 31270 36406 ... 96108 59022 85831 Attention (message repeated) Out	USB	(AB)
E11a	8680	22-10	0600	Fri	351/31 Attention 88840 41506 ... 83278 83386 05142 40098 Attention (message repeated) Out	USB	(AB)
E11a	5941	22-10	0820	Fri	431/32 Attention 66759 86400 78946 ... 61935 78207 01954 Attention (message repeated) Out	USB	(AB)
E11a	6923	22-10	1715	Fri	970/40 Attention 66623 36439 31479 ... 25853 17331 49602 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	8680	24-10	0600	Sun	351/31 Attention 88840 41506 ... 83278 83386 05142 40098 Attention (message repeated) Out	USB	(AB)
E11a	5082	24-10	1605	Sun	238/38 Attention 41679 50755 99605 ... 65659 61738 26389 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	10213	25-10	0745	Mon	264/32 Attention 12641 83441 62916 ... 05221 78127 61892 Attention (message repeated) Out	USB	(AB)
E11a	8180	26-10	0700	Tue	576/38 Attention 76419 60759 83260 ... 03540 75751 36237 Attention (message repeated) Out	USB	(AB)
E11a	9963	26-10	0715	Tue	639/38 Attention 40666 45893 33194 ... 20113 34983 33250 Attention (message repeated) Out	USB	(AB)
E11a	12202	26-10	0845	Tue	155/35 Attention 70036 85077 52228 ...6 71388 73727 09935 Attention (message repeated) Out	USB	(AB)
E11a	9951	26-10	1000	Tue	307/35 Attention 03489 22207 65208 ... 70882 34786 19161 Attention (message repeated) Out	USB	(AB)
E11a	12202	28-10	0845	Thu	155/35 Attention 70036 85077 52228 ...6 71388 73727 09935 Attention (message repeated) Out	USB	(AB)
E11a	5737	28-10	1330	Thu	521/39 Attention 90590 91525 77657 ... 85403 21691 41606 Attention (message repeated) Out	USB	(AB)
E11a	10330	28-10	1530	Thu	264/32 Attention 12641 83441 62916 ... 05221 78127 61892 Attention (message repeated) Out	USB	(AB/GHn/MPJ)
E11a	8180	29-10	0700	Fri	576/38 Attention 76419 60759 83260 ... 03540 75751 36237 Attention (message repeated) Out	USB	(AB)
E11a	9963	29-10	0715	Fri	639/38 Attention 40666 45893 33194 ... 20113 34983 33250 Attention (message repeated) Out	USB	(AB)
E11a	9951	29-10	1000	Fri	307/35 Attention 03489 22207 65208 ... 70882 34786 19161 Attention (message repeated) Out	USB	(AB)
E11a	5737	31-10	1330	Sun	521/39 Attention 90590 91525 77657 ... 85403 21691 41606 Attention (message repeated) Out	USB	(AB/MPJ)
E17z	10240	2-10	1250	Sat	274 963 15 88620 58069 61732 74537 57440 10597 23521 47660 92883 69901 39534 11160 43494 37638 16070 96 15 00000	USB	(AB)
E17z	8080	2-10	1305	Sat	274 963 15 88620 58069 61732 74537 57440 10597 23521 47660 92883 69901 39534 11160 43494 37638 16070 96 15 00000	USB	(AB)

E17z	14260	7-10	0800	Thu	217 468 5 88620 58069 77632 67543 57440 468 5 00000	USB	(AB)
E17z	12930	7-10	0810	Thu	217 468 5 88620 58069 77632 67543 57440 468 5 00000	USB	(AB)
E17z	14260	14-10	0800	Thu	217 468 5 88620 58069 77632 67543 57440 468 5 00000	USB	(AB)
E17z	12930	14-10	0810	Thu	217 468 5 88620 58069 77632 67543 57440 468 5 00000	USB	(AB)
E17z	14260	21-10	0800	Thu	217 840 5 05573 41987 95692 83209 69817 840 5 00000	USB	(AB)
E17z	12930	21-10	0810	Thu	217 840 5 05573 41987 95692 83209 69817 840 5 00000	USB	(AB)
E17z	10240	24-10	1515	Sun	274 903 18 33796 13577 74526 ... 82045 42994 84116 903 18 00000	USB	(AB/Abder)
E17z	8080	24-10	1528	Sun	274 903 18 33796 13577 74526 ... 82045 42994 84116 903 18 00000	USB	(AB)
E17z	10240	27-10	1340	Wed	274 861 23 96419 81652 91791 ... 33684 off	USB	(AB)
E17z	10240	27-10	1358	Wed	Live. Male operator 274 861 23 96419 81652 91791 ... 17201 32388 20981 861 23 00000	USB	(AB)
E17z	8080	27-10	1405	Wed	Live. Male operator. Including microphone feedback 274 861 23 96419 81652 91791 ... 17201 32388 20981 861 23 00000	USB	(AB)
E17z	8080	27-10	1418	Wed	Synthesized lady. 11 mins transmitter test. On/off voice: 274	USB	(AB)
E17z	14260	28-10	0800	Thu	217 840 5 05573 41987 95692 83209 69817 840 5 00000	USB	(AB)
E17z	12930	28-10	0810	Thu	217 840 5 05573 41987 95692 83209 69817 840 5 00000	USB	(AB)
E17z	10240	29-10	1345	Fri	Synthesized lady. 274 893 15 86577 14862 87815 ... 88452 65990 25484 893 15 00000	USB	(AB)
E17z	8080	29-10	1413	Fri	Live male operator, preamble missing, only 000 outro. 274 86577 14862 87815 ... 88452 65990 25484 893 15 000	USB	(PY)
E17z	10240	31-10	1440	Sun	247 518 30 39534 17228 15636 ... 03092 68362 01653 518 30 00000 Lots of problems. Many stops/restarts/carrier off and back on again.	USB	(AB)
E17z	8080	31-10	1507	Sun	247 518 30 39534 17228 15636 ... 03092 68362 01653 518 30 00000 Lots of problems. Many stops/restarts/carrier off and back on again.	USB	(AB)
E17z	10240	31-10	1543	Sun	Tests 274 (repeated)	USB	(AB)
EGY	17425	1-10	0733	Fri	Egyptian diplo followed by CODAN traffic	SITOR-A 100/170	(AB)
EGY	16030	23-10	0832	Sat	99903: MFA Cairo message to 11104: Egyptian embassy Berlin	CODAN	(AB)
EGY	16031.7	23-10	0903	Sat	Egyptian diplo i.p.	SITOR-A 100/170	(AB)
EGY	16067.7	23-10	1200	Sat	MFA Cairo messages to Egyptian embassy Jakarta	SITOR-A 100/170	(EW)
EGY	16066	23-10	1209	Sat	MFA Cairo message to 44405: Egyptian embassy Jakarta	CODAN-16	(EW)
F01	11129	1-10	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9082	1-10	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	7344	1-10	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	11129	4-10	1015	Mon	Russian diplo/intel. 37460 37267 36090 ... 48780 10568 75417 00000 +++++	FSK 200/500	(AB/HFD)
F01	9082	4-10	1025	Mon	Russian diplo/intel. 37460 37267 36090 ... 48780 10568 75417 00000 +++++	FSK 200/500	(AB/HFD)
F01	7344	4-10	1035	Mon	Russian diplo/intel. 37460 37267 36090 ... 48780 10568 75417 00000 +++++	FSK 200/500	(AB/HFD)
F01	11129	5-10	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9082	5-10	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7344	5-10	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	6-10	1015	Wed	Russian diplo/intel. 66664 02803 67543 ... 96970 27787 78411 00000 +++++	FSK 200/500	(AB)
F01	9082	6-10	1025	Wed	Russian diplo/intel. 66664 02803 67543 ... 96970 27787 78411 00000 +++++	FSK 200/500	(AB)
F01	7344	6-10	1035	Wed	Russian diplo/intel. 66664 02803 67543 ... 96970 27787 78411 00000 +++++	FSK 200/500	(AB)
F01	11136	6-10	1840	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ/HFD)
F01	9074	6-10	1850	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ/HFD)

F01	7723	6-10	1900	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/MPJ/HFD)
F01	11129	7-10	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9082	7-10	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7344	7-10	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	8-10	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	9082	8-10	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	7344	8-10	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	11129	11-10	1015	Mon	Russian diplo/intel. 27542 36350 06567 ... 31189 88666 81431 00000 +++++ +++++	FSK 200/500	(AB)
F01	9082	11-10	1025	Mon	Russian diplo/intel. 27542 36350 06567 ... 31189 88666 81431 00000 +++++ +++++	FSK 200/500	(AB)
F01	7344	11-10	1035	Mon	Russian diplo/intel. 27542 36350 06567 ... 31189 88666 81431 00000 +++++ +++++	FSK 200/500	(AB)
F01	11129	12-10	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	9082	12-10	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	7344	12-10	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ)
F01	11129	13-10	1015	Wed	Russian diplo/intel. 23653 48222 09366 ... 99709 19201 84421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	9082	13-10	1025	Wed	Russian diplo/intel. 23653 48222 09366 ... 99709 19201 84421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	7344	13-10	1035	Wed	Russian diplo/intel. 23653 48222 09366 ... 99709 19201 84421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	11129	14-10	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9082	14-10	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7344	14-10	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	15-10	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9082	15-10	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	7344	15-10	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	11129	18-10	1015	Mon	Russian diplo/intel. 63460 63019 02538 ... 18252 09890 87401 00000 +++++ +++++	FSK 200/500	(AB)
F01	9082	18-10	1025	Mon	Russian diplo/intel. 63460 63019 02538 ... 18252 09890 87401 00000 +++++ +++++	FSK 200/500	(AB)
F01	7344	18-10	1035	Mon	Russian diplo/intel. 63460 63019 02538 ... 18252 09890 87401 00000 +++++ +++++	FSK 200/500	(AB)
F01	11129	19-10	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9082	19-10	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7344	19-10	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	20-10	1015	Wed	Russian diplo/intel. 72285 18313 02932 ... 49896 99177 90417 00000 +++++	FSK 200/500	(AB)
F01	9082	20-10	1025	Wed	Russian diplo/intel. 72285 18313 02932 ... 49896 99177 90417 00000 +++++	FSK 200/500	(AB)
F01	7344	20-10	1035	Wed	Russian diplo/intel. 72285 18313 02932 ... 49896 99177 90417 00000 +++++	FSK 200/500	(AB)
F01	11129	21-10	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9082	21-10	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7344	21-10	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	22-10	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9082	22-10	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	7344	22-10	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	11129	25-10	1015	Mon	Russian diplo/intel. 39834 51869 16739 ... 26745 21963 93407 00000 +++++ +++++	FSK 200/500	(AB)
F01	9082	25-10	1025	Mon	Russian diplo/intel. 39834 51869 16739 ... 26745 21963 93407 00000 +++++ +++++	FSK 200/500	(AB)
F01	7344	25-10	1035	Mon	Russian diplo/intel. 39834 51869 16739 ... 26745 21963 93407 00000 +++++ +++++	FSK 200/500	(AB)
F01	11129	26-10	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9082	26-10	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)

F01	7344	26-10	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	27-10	1015	Wed	Russian diplo/intel. 29506 67075 91129 ... 63484 90705 96421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	9082	27-10	1025	Wed	Russian diplo/intel. 29506 67075 91129 ... 63484 90705 96421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	7344	27-10	1035	Wed	Russian diplo/intel. 29506 67075 91129 ... 63484 90705 96421 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	11129	28-10	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9082	28-10	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7344	28-10	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11129	29-10	1015	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	9082	29-10	1025	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	7344	29-10	1035	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F03j	16125	4-10	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	4-10	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	4-10	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	4-10	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	5-10	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	5-10	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	5-10	1100	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	5-10	1105	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	6-10	0615	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	6-10	0620	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	6-10	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	6-10	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	6-10	1100	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	6-10	1105	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	7-10	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	7-10	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	11-10	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	11-10	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	11-10	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	11-10	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	12-10	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	12-10	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	12-10	1100	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	12-10	1105	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	13-10	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	13-10	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	13-10	1100	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	13-10	1105	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	14-10	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	14-10	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	15-10	0843	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	15-10	0848	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	16125	18-10	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	18-10	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	18-10	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	18-10	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	19-10	0808	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	19-10	0813	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	19-10	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	19-10	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	19-10	1100	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	19-10	1105	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	20-10	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	20-10	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	20-10	1100	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	20-10	1105	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	21-10	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	21-10	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	22-10	0843	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	22-10	0848	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	25-10	0615	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	25-10	0620	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	25-10	0950	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	25-10	0955	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	26-10	0808	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	26-10	0813	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	26-10	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	26-10	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	26-10	1100	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	26-10	1105	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	27-10	0615	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16125	27-10	0620	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	27-10	0950	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10210	27-10	0955	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	27-10	1100	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6849	27-10	1105	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	28-10	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13046	28-10	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	29-10	0843	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9339	29-10	0848	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03I	12385	1-10	0810	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	1-10	0815	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	1-10	0900	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	1-10	0905	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	6397	1-10	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	1-10	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	1-10	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	1-10	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	1-10	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	15915	1-10	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	10641	4-10	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10641	4-10	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	4-10	0810	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	4-10	0815	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	4-10	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	4-10	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7798	4-10	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7798	4-10	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	5-10	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	5-10	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	5-10	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	5-10	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	5-10	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	5-10	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	5-10	0900	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	5-10	0905	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	5-10	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	5-10	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18030	6-10	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	18030	6-10	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	6849	6-10	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	6-10	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	6-10	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	6-10	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	6-10	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	6-10	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11104	7-10	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11104	7-10	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	7-10	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	7-10	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	7-10	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	7-10	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	7-10	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	7-10	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10641	7-10	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10641	7-10	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	6849	7-10	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	7-10	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7798	7-10	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7798	7-10	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	8-10	0810	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	8-10	0815	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	8-10	0900	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	8-10	0905	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	8-10	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	8-10	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	8-10	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	8-10	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	8-10	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	15915	8-10	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	10641	11-10	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10641	11-10	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	11-10	0810	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	11-10	0815	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	11-10	0930	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	11-10	0935	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	11-10	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	11-10	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7798	11-10	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7798	11-10	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	12-10	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	12-10	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	12-10	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	12-10	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	12-10	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	12-10	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18030	12-10	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	18030	12-10	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	7984	12-10	0900	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	12-10	0905	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	12-10	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	12-10	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	13-10	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	13-10	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	13-10	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	13-10	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	13-10	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	13-10	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	11104	14-10	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11104	14-10	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	14-10	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	14-10	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	14-10	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	14-10	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	14-10	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	14-10	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10641	14-10	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10641	14-10	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	14-10	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	14-10	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7798	14-10	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7798	14-10	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	15-10	0810	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	15-10	0815	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	15-10	0900	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	15-10	0905	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	15-10	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	15-10	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	15-10	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	15-10	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	15-10	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	15915	15-10	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	10641	18-10	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10641	18-10	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	18-10	0810	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	18-10	0815	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	18-10	0930	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	18-10	0935	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	18-10	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	18-10	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7798	18-10	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7798	18-10	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	8305	19-10	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	19-10	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	19-10	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	19-10	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	19-10	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	19-10	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18030	19-10	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	18030	19-10	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)

F03I	7984	19-10	0900	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	19-10	0905	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	19-10	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	19-10	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11104	20-10	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11104	20-10	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18030	20-10	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	18030	20-10	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	6849	20-10	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	20-10	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	20-10	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	20-10	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	20-10	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	20-10	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11104	21-10	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11104	21-10	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	21-10	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	21-10	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	21-10	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	21-10	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	21-10	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	21-10	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10641	21-10	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10641	21-10	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	21-10	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	21-10	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7798	21-10	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7798	21-10	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	22-10	0810	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	22-10	0815	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	22-10	0900	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	22-10	0905	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	22-10	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	22-10	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	22-10	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	22-10	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	22-10	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	15915	22-10	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	10641	25-10	0735	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/AnEur)
F03I	10641	25-10	0740	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	25-10	0810	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	25-10	0815	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	6397	25-10	0930	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	25-10	0935	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	25-10	1030	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	25-10	1035	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7798	25-10	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7798	25-10	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	8305	26-10	0615	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	26-10	0620	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	26-10	0635	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	26-10	0640	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	26-10	0725	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	26-10	0730	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18030	26-10	0800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	18030	26-10	0805	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	7984	26-10	0900	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	26-10	0905	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	26-10	0945	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	26-10	0950	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18030	27-10	0800	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	18030	27-10	0805	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	6849	27-10	0915	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	27-10	0920	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	27-10	1030	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7377	27-10	1035	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	27-10	1330	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	15915	27-10	1335	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	11104	28-10	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11104	28-10	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	28-10	0615	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8305	28-10	0620	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	28-10	0635	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14975	28-10	0640	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	28-10	0725	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	13873	28-10	0730	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10641	28-10	0735	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10641	28-10	0740	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	28-10	0915	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	28-10	0920	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7798	28-10	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7798	28-10	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	29-10	0810	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	29-10	0815	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	7984	29-10	0900	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7984	29-10	0905	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	29-10	0930	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6397	29-10	0935	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	29-10	0945	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6940	29-10	0950	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15915	29-10	1330	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	15915	29-10	1335	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F06	10541	1-10	0700	Fri	Russian diplo/intel. 11166 70202 86541 01079 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8113	1-10	0710	Fri	Russian diplo/intel. 11166 70202 86541 01079 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6791	1-10	0720	Fri	Russian diplo/intel. 11166 70202 86541 01079 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12187	3-10	1530	Sun	Russian diplo/intel. 11166 10053 78541 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10734	3-10	1540	Sun	Russian diplo/intel. 11166 10053 78541 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9129	3-10	1550	Sun	Russian diplo/intel. 11166 10053 78541 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6848	4-10	0400	Mon	Russian diplo/intel. 11166 70059 78541 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5433	4-10	0410	Mon	Russian diplo/intel. 11166 70059 78541 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4840	4-10	0420	Mon	Russian diplo/intel. 11166 70059 78541 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10541	4-10	0700	Mon	Russian diplo/intel. 11166 70202 69512 01007 02159	FSK 200/1000	(AB)
F06	8113	4-10	0710	Mon	Russian diplo/intel. 11166 70202 69512 01007 02159	FSK 200/1000	(AB-RUS)
F06	6791	4-10	0720	Mon	Russian diplo/intel. 11166 70202 69512 01007 02159	FSK 200/1000	(AB-RUS)
F06	11173	4-10	1200	Mon	Russian diplo/intel. 11166 70202 69512 01007 02159	FSK 200/1000	(AB)
F06	9246	4-10	1210	Mon	Russian diplo/intel. 11166 70202 69512 01007 02159	FSK 200/1000	(AB)
F06	7611	4-10	1220	Mon	Russian diplo/intel. 11166 70202 69512 01007 02159	FSK 200/1000	(AB)
F06	10541	5-10	0700	Tue	Russian diplo/intel. 11166 70202 14736 04008 01779 and 11166 70202 25841 04009 02179	FSK 200/1000	(AB)
F06	8113	5-10	0710	Tue	Russian diplo/intel. 11166 70202 14736 04008 01779 and 11166 70202 25841 04009 02179	FSK 200/1000	(AB-RUS)
F06	6791	5-10	0720	Tue	Russian diplo/intel. 11166 70202 14736 04008 01779 and 11166 70202 25841 04009 02179	FSK 200/1000	(AB-RUS)
F06	11173	5-10	1200	Tue	Russian diplo/intel. 11166 70202 14736 04008 01779 and 11166 70202 25841 04009 02179	FSK 200/1000	(AB)
F06	9246	5-10	1210	Tue	Russian diplo/intel. 11166 70202 14736 04008 01779 and 11166 70202 25841 04009 02179	FSK 200/1000	(AB)
F06	7611	5-10	1220	Tue	Russian diplo/intel. 11166 70202 14736 04008 01779 and 11166 70202 25841 04009 02179	FSK 200/1000	(AB)
F06	12215	5-10	1650	Tue	Russian diplo/intel. 11166 10053 76193 05001 00049 00000 00000 00000 00000	FSK 200/2000	(AB)
F06	10814	5-10	1700	Tue	Russian diplo/intel. 11166 10053 76193 05001 00049 00000 00000 00000 00000	FSK 200/2000	(AB)
F06	9046	5-10	1710	Tue	Russian diplo/intel. 11166 10053 76193 05001 00049 00000 00000 00000 00000	FSK 200/2000	(AB)
F06	19268	6-10	0600	Wed	Russian diplo/intel. 11166 40122 14523 02068 03579	FSK 200/1000	(AB-KOR)
F06	17548	6-10	0610	Wed	Russian diplo/intel. 11166 40122 14523 02068 03579	FSK 200/1000	(AB-KOR)
F06	15779	6-10	0620	Wed	Russian diplo/intel. 11166 40122 14523 02068 03579	FSK 200/1000	(AB-KOR)
F06	10541	6-10	0700	Wed	Russian diplo/intel. 11166 70202 28371 05010 02339	FSK 200/1000	(AB)
F06	8113	6-10	0710	Wed	Russian diplo/intel. 11166 70202 28371 05010 02339	FSK 200/1000	(AB)
F06	6791	6-10	0720	Wed	Russian diplo/intel. 11166 70202 28371 05010 02339	FSK 200/1000	(AB)
F06	11173	6-10	1200	Wed	Russian diplo/intel. 11166 70202 28371 05010 02339	FSK 200/1000	(AB)
F06	9246	6-10	1210	Wed	Russian diplo/intel. 11166 70202 28371 05010 02339	FSK 200/1000	(AB)
F06	7611	6-10	1220	Wed	Russian diplo/intel. 11166 70202 28371 05010 02339	FSK 200/1000	(AB)
F06	19268	7-10	0600	Thu	Russian diplo/intel. 11166 40122 14523 02068 03579	FSK 200/1000	(AB-KOR)

F06	17548	7-10	0610	Thu	Russian diplo/intel. 11166 40122 14523 02068 03579	FSK 200/1000	(AB-KOR)
F06	15779	7-10	0620	Thu	Russian diplo/intel. 11166 40122 14523 02068 03579	FSK 200/1000	(AB-KOR)
F06	10541	7-10	0700	Thu	Russian diplo/intel. 11166 70202 75862 06011 01679 and 11166 70202 75862 06011 01679	FSK 200/1000	(AB)
F06	8113	7-10	0710	Thu	Russian diplo/intel. 11166 70202 75862 06011 01679 and 11166 70202 75862 06011 01679	FSK 200/1000	(AB-RUS)
F06	6791	7-10	0720	Thu	Russian diplo/intel. 11166 70202 75862 06011 01679 and 11166 70202 75862 06011 01679	FSK 200/1000	(AB-RUS)
F06	11173	7-10	1200	Thu	Russian diplo/intel. 11166 70202 75862 06011 01679 and 11166 70202 75862 06011 01679	FSK 200/1000	(AB/MPJ)
F06	9246	7-10	1210	Thu	Russian diplo/intel. 11166 70202 75862 06011 01679 and 11166 70202 75862 06011 01679	FSK 200/1000	(AB/MPJ)
F06	7611	7-10	1220	Thu	Russian diplo/intel. 11166 70202 75862 06011 01679 and 11166 70202 75862 06011 01679	FSK 200/1000	(AB/MPJ)
F06	15607	7-10	1330	Thu	Russian diplo/intel. 11166 80214 54178 07036 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13376	7-10	1340	Thu	Russian diplo/intel. 11166 80214 54178 07036 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11108	7-10	1350	Thu	Russian diplo/intel. 11166 80214 54178 07036 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10614	8-10	0220	Fri	Russian diplo/intel. 11166 60146 00000 08056 03793	FSK 200/1000	(RL-J)
F06	10216	8-10	0310	Fri	Russian diplo/intel. 11166 60146 00000 08056 03793	FSK 200/1000	(RL-J)
F06	10541	8-10	0700	Fri	Russian diplo/intel. 11166 70202 69815 08049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8113	8-10	0710	Fri	Russian diplo/intel. 11166 70202 69815 08049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6791	8-10	0720	Fri	Russian diplo/intel. 11166 70202 69815 08049 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12187	10-10	1530	Sun	Russian diplo/intel. 11166 10053 47651 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10734	10-10	1540	Sun	Russian diplo/intel. 11166 10053 47651 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9129	10-10	1550	Sun	Russian diplo/intel. 11166 10053 47651 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10541	11-10	0700	Mon	Russian diplo/intel. 11166 70202 75013 08013 02479	FSK 200/1000	(AB)
F06	8113	11-10	0710	Mon	Russian diplo/intel. 11166 70202 75013 08013 02479	FSK 200/1000	(AB-RUS)
F06	6791	11-10	0720	Mon	Russian diplo/intel. 11166 70202 75013 08013 02479	FSK 200/1000	(AB-RUS)
F06	11173	11-10	1200	Mon	Russian diplo/intel. 11166 70202 75013 08013 02479	FSK 200/1000	(AB)
F06	9246	11-10	1210	Mon	Russian diplo/intel. 11166 70202 75013 08013 02479	FSK 200/1000	(AB)
F06	7611	11-10	1220	Mon	Russian diplo/intel. 11166 70202 75013 08013 02479	FSK 200/1000	(AB)
F06	10541	12-10	0700	Tue	Russian diplo/intel. 11166 70202 81754 11014 01579 and 11166 70202 67935 11015 02279	FSK 200/1000	(AB)
F06	8113	12-10	0710	Tue	Russian diplo/intel. 11166 70202 81754 11014 01579 and 11166 70202 67935 11015 02279	FSK 200/1000	(AB-RUS)
F06	6791	12-10	0720	Tue	Russian diplo/intel. 11166 70202 81754 11014 01579 and 11166 70202 67935 11015 02279	FSK 200/1000	(AB-RUS)
F06	11173	12-10	1200	Tue	Russian diplo/intel. 11166 70202 81754 11014 01579 and 11166 70202 67935 11015 02279	FSK 200/1000	(AB)
F06	9246	12-10	1210	Tue	Russian diplo/intel. 11166 70202 81754 11014 01579 and 11166 70202 67935 11015 02279	FSK 200/1000	(AB)
F06	7611	12-10	1220	Tue	Russian diplo/intel. 11166 70202 81754 11014 01579 and 11166 70202 67935 11015 02279	FSK 200/1000	(AB)
F06	12215	12-10	1650	Tue	Russian diplo/intel. 11166 10053 14789 12073 00049 00000 00000 00000 00000	FSK 200/2000	(AB)
F06	10814	12-10	1700	Tue	Russian diplo/intel. 11166 10053 14789 12073 00049 00000 00000 00000 00000	FSK 200/2000	(AB)
F06	9046	12-10	1710	Tue	Russian diplo/intel. 11166 10053 14789 12073 00049 00000 00000 00000 00000	FSK 200/2000	(AB)
F06	19268	13-10	0600	Wed	Russian diplo/intel. 11166 40122 90123 09069 02629 and 11166 40122 21456 09070 03119	FSK 200/1000	(AB-J)
F06	17548	13-10	0610	Wed	Russian diplo/intel. 11166 40122 90123 09069 02629 and 11166 40122 21456 09070 03119	FSK 200/1000	(AB-TWN)
F06	15779	13-10	0620	Wed	Russian diplo/intel. 11166 40122 90123 09069 02629 and 11166 40122 21456 09070 03119	FSK 200/1000	(AB-J)
F06	10541	13-10	0700	Wed	Russian diplo/intel. 11166 70202 58239 12016 02239	FSK 200/1000	(AB)
F06	8113	13-10	0710	Wed	Russian diplo/intel. 11166 70202 58239 12016 02239	FSK 200/1000	(AB)
F06	6791	13-10	0720	Wed	Russian diplo/intel. 11166 70202 58239 12016 02239	FSK 200/1000	(AB)
F06	19986	13-10	0800	Wed	Russian diplo/intel. 11166 00052 15973 13094 02369	FSK 200/1000	(AB-RUS)
F06	17549	13-10	0810	Wed	Russian diplo/intel. 11166 00052 15973 13094 02369	FSK 200/1000	(AB)

F06	15654	13-10	0820	Wed	Russian diplo/intel. 11166 00052 15973 13094 02369	FSK 200/1000	(AB)
F06	11173	13-10	1200	Wed	Russian diplo/intel. 11166 70202 58239 12016 02239	FSK 200/1000	(AB)
F06	9246	13-10	1210	Wed	Russian diplo/intel. 11166 70202 58239 12016 02239	FSK 200/1000	(AB)
F06	7611	13-10	1220	Wed	Russian diplo/intel. 11166 70202 58239 12016 02239	FSK 200/1000	(AB)
F06	19268	14-10	0600	Thu	Russian diplo/intel. 11166 40122 90123 09069 02629 and 11166 40122 21456 09070 03119	FSK 200/1000	(AB-J)
F06	17548	14-10	0610	Thu	Russian diplo/intel. 11166 40122 90123 09069 02629 and 11166 40122 21456 09070 03119	FSK 200/1000	(AB-KOR)
F06	15779	14-10	0620	Thu	Russian diplo/intel. 11166 40122 90123 09069 02629 and 11166 40122 21456 09070 03119	FSK 200/1000	(AB-KOR)
F06	10541	14-10	0700	Thu	Russian diplo/intel. 11166 70202 21689 13017 01179 and 11166 70202 37158 13018 02359	FSK 200/1000	(AB)
F06	8113	14-10	0710	Thu	Russian diplo/intel. 11166 70202 21689 13017 01179 and 11166 70202 37158 13018 02359	FSK 200/1000	(AB)
F06	6791	14-10	0720	Thu	Russian diplo/intel. 11166 70202 21689 13017 01179 and 11166 70202 37158 13018 02359	FSK 200/1000	(AB)
F06	19986	14-10	0800	Thu	Russian diplo/intel. 11166 00052 15973 13094 02369	FSK 200/1000	(AB-RUS)
F06	17549	14-10	0810	Thu	Russian diplo/intel. 11166 00052 15973 13094 02369	FSK 200/1000	(AB)
F06	15654	14-10	0820	Thu	Russian diplo/intel. 11166 00052 15973 13094 02369	FSK 200/1000	(AB)
F06	11173	14-10	1200	Thu	Russian diplo/intel. 11166 70202 21689 13017 01179 and 11166 70202 37158 13018 02359	FSK 200/1000	(AB/MPJ)
F06	9246	14-10	1210	Thu	Russian diplo/intel. 11166 70202 21689 13017 01179 and 11166 70202 37158 13018 02359	FSK 200/1000	(AB/MPJ)
F06	7611	14-10	1220	Thu	Russian diplo/intel. 11166 70202 21689 13017 01179 and 11166 70202 37158 13018 02359	FSK 200/1000	(AB/MPJ)
F06	15607	14-10	1330	Thu	Russian diplo/intel. 11166 80214 54178 15055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13376	14-10	1340	Thu	Russian diplo/intel. 11166 80214 54178 15055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11108	14-10	1350	Thu	Russian diplo/intel. 11166 80214 54178 15055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10541	15-10	0700	Fri	Russian diplo/intel. 11166 70202 26458 15011 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8113	15-10	0710	Fri	Russian diplo/intel. 11166 70202 26458 15011 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6791	15-10	0720	Fri	Russian diplo/intel. 11166 70202 26458 15011 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12187	17-10	1530	Sun	Russian diplo/intel. 11166 10053 97523 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10734	17-10	1540	Sun	Russian diplo/intel. 11166 10053 97523 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9129	17-10	1550	Sun	Russian diplo/intel. 11166 10053 97523 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	6848	18-10	0400	Mon	Russian diplo/intel. 11166 70059 79431 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	5433	18-10	0410	Mon	Russian diplo/intel. 11166 70059 79431 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4840	18-10	0420	Mon	Russian diplo/intel. 11166 70059 79431 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10541	18-10	0700	Mon	Russian diplo/intel. 11166 70202 21438 15019 02379	FSK 200/1000	(AB)
F06	8113	18-10	0710	Mon	Russian diplo/intel. 11166 70202 21438 15019 02379	FSK 200/1000	(AB)
F06	6791	18-10	0720	Mon	Russian diplo/intel. 11166 70202 21438 15019 02379	FSK 200/1000	(AB-RUS)
F06	11173	18-10	1200	Mon	Russian diplo/intel. 11166 70202 21438 15019 02379	FSK 200/1000	(AB)
F06	9246	18-10	1210	Mon	Russian diplo/intel. 11166 70202 21438 15019 02379	FSK 200/1000	(AB)
F06	7611	18-10	1220	Mon	Russian diplo/intel. 11166 70202 21438 15019 02379	FSK 200/1000	(AB)
F06	9489	19-10	0030	Tue	Russian diplo/intel. 11166 60070 23654 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8133	19-10	0040	Tue	Russian diplo/intel. 11166 60070 23654 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7318	19-10	0050	Tue	Russian diplo/intel. 11166 60070 23654 19001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10541	19-10	0700	Tue	Russian diplo/intel. 11166 70202 28641 18020 01859 and 11166 70202 36987 18021 01939	FSK 200/1000	(AB)
F06	8113	19-10	0710	Tue	Russian diplo/intel. 11166 70202 28641 18020 01859 and 11166 70202 36987 18021 01939	FSK 200/1000	(AB-RUS)
F06	6791	19-10	0720	Tue	Russian diplo/intel. 11166 70202 28641 18020 01859 and 11166 70202 36987 18021 01939	FSK 200/1000	(AB-RUS)
F06	11173	19-10	1200	Tue	Russian diplo/intel. 11166 70202 28641 18020 01859 and 11166 70202 36987 18021 01939	FSK 200/1000	(AB)
F06	9246	19-10	1210	Tue	Russian diplo/intel. 11166 70202 28641 18020 01859 and 11166 70202 36987 18021 01939	FSK 200/1000	(AB)

F06	7611	19-10	1220	Tue	Russian diplo/intel. 11166 70202 28641 18020 01859 and 11166 70202 36987 18021 01939	FSK 200/1000	(AB)
F06	5087	19-10	1610	Tue	Russian diplo/intel. 11100 00000 48635 19025 02529	FSK 200/1000	(AB)
F06	7337	19-10	1620	Tue	Russian diplo/intel. 11100 00000 48635 19025 02529	FSK 200/1000	(AB)
F06	9481	19-10	1630	Tue	Russian diplo/intel. 11100 00000 48635 19025 02529	FSK 200/1000	(AB)
F06	12215	19-10	1650	Tue	Russian diplo/intel. 11166 10053 78541 19001 00049 00000 00000 00000 00000	FSK 200/2000	(AB/MPJ)
F06	10814	19-10	1700	Tue	Russian diplo/intel. 11166 10053 78541 19001 00049 00000 00000 00000 00000	FSK 200/2000	(AB/MPJ)
F06	9046	19-10	1710	Tue	Russian diplo/intel. 11166 10053 78541 19001 00049 00000 00000 00000 00000	FSK 200/2000	(AB/MPJ)
F06	19268	20-10	0600	Wed	Russian diplo/intel. 11166 40122 12368 20028 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	17548	20-10	0610	Wed	Russian diplo/intel. 11166 40122 12368 20028 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	15779	20-10	0620	Wed	Russian diplo/intel. 11166 40122 12368 20028 00049 00000 00000 00000 00000	FSK 200/1000	(AB-J)
F06	10541	20-10	0700	Wed	Russian diplo/intel. 11166 70202 96521 19022 02159	FSK 200/1000	(AB)
F06	8113	20-10	0710	Wed	Russian diplo/intel. 11166 70202 96521 19022 02159	FSK 200/1000	(AB)
F06	6791	20-10	0720	Wed	Russian diplo/intel. 11166 70202 96521 19022 02159	FSK 200/1000	(AB)
F06	11173	20-10	1200	Wed	Russian diplo/intel. 11166 70202 96521 19022 02159	FSK 200/1000	(AB)
F06	9246	20-10	1210	Wed	Russian diplo/intel. 11166 70202 96521 19022 02159	FSK 200/1000	(AB)
F06	7611	20-10	1220	Wed	Russian diplo/intel. 11166 70202 96521 19022 02159	FSK 200/1000	(AB)
F06	10541	21-10	0700	Thu	Russian diplo/intel. 11166 70202 64725 20023 01779 and 11166 70202 39542 20024 01959	FSK 200/1000	(AB)
F06	8113	21-10	0710	Thu	Russian diplo/intel. 11166 70202 64725 20023 01779 and 11166 70202 39542 20024 01959	FSK 200/1000	(AB)
F06	6791	21-10	0720	Thu	Russian diplo/intel. 11166 70202 64725 20023 01779 and 11166 70202 39542 20024 01959	FSK 200/1000	(AB)
F06	11173	21-10	1200	Thu	Russian diplo/intel. 11166 70202 64725 20023 01779 and 11166 70202 39542 20024 01959	FSK 200/1000	(AB/MPJ)
F06	9246	21-10	1210	Thu	Russian diplo/intel. 11166 70202 64725 20023 01779 and 11166 70202 39542 20024 01959	FSK 200/1000	(AB/MPJ)
F06	7611	21-10	1220	Thu	Russian diplo/intel. 11166 70202 64725 20023 01779 and 11166 70202 39542 20024 01959	FSK 200/1000	(AB/MPJ)
F06	15607	21-10	1330	Thu	Russian diplo/intel. 11166 80214 97526 21045 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13376	21-10	1340	Thu	Russian diplo/intel. 11166 80214 97526 21045 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11108	21-10	1350	Thu	Russian diplo/intel. 11166 80214 97526 21045 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10541	22-10	0700	Fri	Russian diplo/intel. 11166 70202 75391 22034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8113	22-10	0710	Fri	Russian diplo/intel. 11166 70202 75391 22034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6791	22-10	0720	Fri	Russian diplo/intel. 11166 70202 75391 22034 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12187	24-10	1530	Sun	Russian diplo/intel. 11166 10053 45689 24021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10734	24-10	1540	Sun	Russian diplo/intel. 11166 10053 45689 24021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9129	24-10	1550	Sun	Russian diplo/intel. 11166 10053 45689 24021 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10541	25-10	0700	Mon	Russian diplo/intel. 11166 70202 18952 22025 02319	FSK 200/1000	(AB)
F06	8113	25-10	0710	Mon	Russian diplo/intel. 11166 70202 18952 22025 02319	FSK 200/1000	(AB)
F06	6791	25-10	0720	Mon	Russian diplo/intel. 11166 70202 18952 22025 02319	FSK 200/1000	(AB-RUS)
F06	11173	25-10	1200	Mon	Russian diplo/intel. 11166 70202 18952 22025 02319	FSK 200/1000	(AB)
F06	9246	25-10	1210	Mon	Russian diplo/intel. 11166 70202 18952 22025 02319	FSK 200/1000	(AB)
F06	7611	25-10	1220	Mon	Russian diplo/intel. 11166 70202 18952 22025 02319	FSK 200/1000	(AB)
F06	9489	26-10	0030	Tue	Russian diplo/intel. 11166 60070 15973 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8133	26-10	0040	Tue	Russian diplo/intel. 11166 60070 15973 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7318	26-10	0050	Tue	Russian diplo/intel. 11166 60070 15973 26001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10541	26-10	0700	Tue	Russian diplo/intel. 11166 70202 47815 25026 01879 and 11166 70202 85132 25027 01699	FSK 200/1000	(AB)
F06	8113	26-10	0710	Tue	Russian diplo/intel. 11166 70202 47815 25026 01879 and 11166 70202 85132 25027 01699	FSK 200/1000	(AB-RUS)

F06	6791	26-10	0720	Tue	Russian diplo/intel. 11166 70202 47815 25026 01879 and 11166 70202 85132 25027 01699	FSK 200/1000	(AB-RUS)
F06	12134	26-10	0730	Tue	Russian diplo/intel.	FSK 200/1000	(EW)
F06	14423	26-10	1040	Tue	Russian diplo/intel.	FSK 200/1000	(EW)
F06	11173	26-10	1200	Tue	Russian diplo/intel. 11166 70202 47815 25026 01879 and 11166 70202 85132 25027 01699	FSK 200/1000	(AB)
F06	9246	26-10	1210	Tue	Russian diplo/intel. 11166 70202 47815 25026 01879 and 11166 70202 85132 25027 01699	FSK 200/1000	(AB)
F06	7611	26-10	1220	Tue	Russian diplo/intel. 11166 70202 47815 25026 01879 and 11166 70202 85132 25027 01699	FSK 200/1000	(AB)
F06	15843	26-10	1520	Tue	Russian diplo/intel. 11166 90117 85369 26001 01599	FSK 200/1000	(Priyom)
F06	13471	26-10	1530	Tue	Russian diplo/intel. 11166 90117 85369 26001 01599	FSK 200/1000	(Priyom)
F06	11122	26-10	1540	Tue	Russian diplo/intel. 11166 90117 85369 26001 01599	FSK 200/1000	(AB)
F06	14454	26-10	1600	Tue	Russian diplo/intel. 11166 20218 32579 26001 01459	FSK 200/1000	(Priyom)
F06	11116	26-10	1610	Tue	Russian diplo/intel. 11166 20218 32579 26001 01459	FSK 200/1000	(Priyom)
F06	12215	26-10	1650	Tue	Russian diplo/intel. 11166 10053 23654 26001 00049 00000 00000 00000 00000	FSK 200/2000	(AB/MPJ)
F06	10814	26-10	1700	Tue	Russian diplo/intel. 11166 10053 23654 26001 00049 00000 00000 00000 00000	FSK 200/2000	(AB/MPJ)
F06	9046	26-10	1710	Tue	Russian diplo/intel. 11166 10053 23654 26001 00049 00000 00000 00000 00000	FSK 200/2000	(AB/MPJ)
F06	19268	27-10	0600	Wed	Russian diplo/intel. 11166 40122 91547 23071 04149	FSK 200/1000	(AB-J)
F06	17548	27-10	0610	Wed	Russian diplo/intel. 11166 40122 91547 23071 04149	FSK 200/1000	(AB-J)
F06	15779	27-10	0620	Wed	Russian diplo/intel. 11166 40122 91547 23071 04149	FSK 200/1000	(AB-J)
F06	10541	27-10	0700	Wed	Russian diplo/intel. 11166 70202 15937 26028 02659	FSK 200/1000	(AB)
F06	8113	27-10	0710	Wed	Russian diplo/intel. 11166 70202 15937 26028 02659	FSK 200/1000	(AB)
F06	6791	27-10	0720	Wed	Russian diplo/intel. 11166 70202 15937 26028 02659	FSK 200/1000	(AB)
F06	19986	27-10	0800	Wed	Russian diplo/intel. 11166 00052 42863 27095 02009	FSK 200/1000	(AB)
F06	17549	27-10	0810	Wed	Russian diplo/intel. 11166 00052 42863 27095 02009	FSK 200/1000	(AB)
F06	15654	27-10	0820	Wed	Russian diplo/intel. 11166 00052 42863 27095 02009	FSK 200/1000	(AB)
F06	11173	27-10	1200	Wed	Russian diplo/intel. 11166 70202 15937 26028 02659	FSK 200/1000	(AB/MPJ)
F06	9246	27-10	1210	Wed	Russian diplo/intel. 11166 70202 15937 26028 02659	FSK 200/1000	(AB/MPJ)
F06	7611	27-10	1220	Wed	Russian diplo/intel. 11166 70202 15937 26028 02659	FSK 200/1000	(AB/MPJ)
F06	19268	28-10	0600	Thu	Russian diplo/intel. 11166 40122 91547 23071 04149	FSK 200/1000	(AB-J)
F06	17548	28-10	0610	Thu	Russian diplo/intel. 11166 40122 91547 23071 04149	FSK 200/1000	(AB-J)
F06	15779	28-10	0620	Thu	Russian diplo/intel. 11166 40122 91547 23071 04149	FSK 200/1000	(AB-J)
F06	10541	28-10	0700	Thu	Russian diplo/intel. 11166 70202 65412 27029 01539 and 11166 70202 28437 27030 01779	FSK 200/1000	(AB)
F06	8113	28-10	0710	Thu	Russian diplo/intel. 11166 70202 65412 27029 01539 and 11166 70202 28437 27030 01779	FSK 200/1000	(AB)
F06	6791	28-10	0720	Thu	Russian diplo/intel. 11166 70202 65412 27029 01539 and 11166 70202 28437 27030 01779	FSK 200/1000	(AB)
F06	19986	28-10	0800	Thu	Russian diplo/intel. 11166 00052 42863 27095 02009	FSK 200/1000	(AB)
F06	17549	28-10	0810	Thu	Russian diplo/intel. 11166 00052 42863 27095 02009	FSK 200/1000	(AB)
F06	15654	28-10	0820	Thu	Russian diplo/intel. 11166 00052 42863 27095 02009	FSK 200/1000	(AB)
F06	11173	28-10	1200	Thu	Russian diplo/intel. 11166 70202 65412 27029 01539 and 11166 70202 28437 27030 01779	FSK 200/1000	(AB/MPJ)
F06	9246	28-10	1210	Thu	Russian diplo/intel. 11166 70202 65412 27029 01539 and 11166 70202 28437 27030 01779	FSK 200/1000	(AB/MPJ)
F06	7611	28-10	1220	Thu	Russian diplo/intel. 11166 70202 65412 27029 01539 and 11166 70202 28437 27030 01779	FSK 200/1000	(AB/MPJ)
F06	15607	28-10	1330	Thu	Russian diplo/intel. 11166 80214 65489 28051 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13376	28-10	1340	Thu	Russian diplo/intel. 11166 80214 65489 28051 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11108	28-10	1350	Thu	Russian diplo/intel. 11166 80214 65489 28051 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10541	29-10	0700	Fri	Russian diplo/intel. 11166 70202 75249 29071 00049 000000 00000 00000 00000	FSK 200/1000	(AB)

F06	8113	29-10	0710	Fri	Russian diplo/intel. 11166 70202 75249 29071 00049 000000 00000 00000 00000	FSK 200/1000	(AB)
F06	6791	29-10	0720	Fri	Russian diplo/intel. 11166 70202 75249 29071 00049 000000 00000 00000 00000	FSK 200/1000	(AB)
F06	12187	31-10	1530	Sun	Russian diplo/intel. 11166 10053 12347 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	10734	31-10	1540	Sun	Russian diplo/intel. 11166 10053 12347 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	9129	31-10	1550	Sun	Russian diplo/intel. 11166 10053 12347 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06a	6797	1-10	0400	Fri	Russian diplo/intel. File 04494	FSK 200/1000	(AB)
F06a	5314	1-10	0415	Fri	Russian diplo/intel. File 04494	FSK 200/1000	(AB)
F06a	4859	1-10	0430	Fri	Russian diplo/intel. File 04494	FSK 200/1000	(AB)
F06a	20875	2-10	1500	Sat	Russian diplo/intel. File 04488	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	2-10	1515	Sat	Russian diplo/intel. File 04488	FSK 200/1000	(AB)
F06a	15747	2-10	1530	Sat	Russian diplo/intel. File 04488	FSK 200/1000	(AB)
F06a	20875	3-10	1500	Sun	Russian diplo/intel. File 04488	FSK 200/1000	(AB/MPJ)
F06a	17511	3-10	1515	Sun	Russian diplo/intel. File 04488	FSK 200/1000	(AB/MPJ)
F06a	15747	3-10	1530	Sun	Russian diplo/intel. File 04488	FSK 200/1000	(AB/MPJ)
F06a	5845	7-10	0400	Thu	Russian diplo/intel. File 04495	FSK 200/1000	(AB)
F06a	5249	7-10	0415	Thu	Russian diplo/intel. File 04495	FSK 200/1000	(AB)
F06a	4525	7-10	0430	Thu	Russian diplo/intel. File 04495	FSK 200/1000	(AB)
F06a	5845	8-10	0400	Fri	Russian diplo/intel. File 04495	FSK 200/1000	(AB)
F06a	5249	8-10	0415	Fri	Russian diplo/intel. File 04495	FSK 200/1000	(AB)
F06a	4525	8-10	0430	Fri	Russian diplo/intel. File 04495	FSK 200/1000	(AB)
F06a	20875	9-10	1500	Sat	Russian diplo/intel. File 04489	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	9-10	1515	Sat	Russian diplo/intel. File 04489	FSK 200/1000	(AB-KWT/MPJ)
F06a	15747	9-10	1530	Sat	Russian diplo/intel. File 04489	FSK 200/1000	(AB/MPJ/RL-HOL)
F06a	20875	10-10	1500	Sun	Russian diplo/intel. File 04489	FSK 200/1000	(AB/MPJ)
F06a	17511	10-10	1515	Sun	Russian diplo/intel. File 04489	FSK 200/1000	(AB/MPJ)
F06a	15747	10-10	1530	Sun	Russian diplo/intel. File 04489	FSK 200/1000	(AB/MPJ)
F06a	5845	14-10	0400	Thu	Russian diplo/intel. File 04496	FSK 200/1000	(AB)
F06a	5249	14-10	0415	Thu	Russian diplo/intel. File 04496	FSK 200/1000	(AB)
F06a	4525	14-10	0430	Thu	Russian diplo/intel. File 04496	FSK 200/1000	(AB)
F06a	5845	15-10	0400	Fri	Russian diplo/intel. File 04496	FSK 200/1000	(AB)
F06a	5249	15-10	0415	Fri	Russian diplo/intel. File 04496	FSK 200/1000	(AB)
F06a	4525	15-10	0430	Fri	Russian diplo/intel. File 04496	FSK 200/1000	(AB)
F06a	20875	16-10	1500	Sat	Russian diplo/intel. File 04490	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	16-10	1515	Sat	Russian diplo/intel. File 04490	FSK 200/1000	(AB/MPJ)
F06a	15747	16-10	1530	Sat	Russian diplo/intel. File 04490	FSK 200/1000	(AB/MPJ)
F06a	20875	17-10	1500	Sun	Russian diplo/intel. File 04490	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	17-10	1515	Sun	Russian diplo/intel. File 04490	FSK 200/1000	(AB/MPJ)
F06a	15747	17-10	1530	Sun	Russian diplo/intel. File 04490	FSK 200/1000	(AB/MPJ)
F06a	5845	21-10	0400	Thu	Russian diplo/intel. File 44497	FSK 200/1000	(AB)
F06a	5249	21-10	0415	Thu	Russian diplo/intel. File 44497	FSK 200/1000	(AB)
F06a	4525	21-10	0430	Thu	Russian diplo/intel. File 44497	FSK 200/1000	(AB)
F06a	5845	22-10	0400	Fri	Russian diplo/intel. File 44497	FSK 200/1000	(AB)

F06a	5249	22-10	0415	Fri	Russian diplo/intel. File 44497	FSK 200/1000	(AB)
F06a	4525	22-10	0430	Fri	Russian diplo/intel. File 44497	FSK 200/1000	(AB)
F06a	20875	23-10	1500	Sat	Russian diplo/intel. File 04491	FSK 200/1000	(MPJ)
F06a	17511	23-10	1515	Sat	Russian diplo/intel. File 04491	FSK 200/1000	(MPJ)
F06a	15747	23-10	1530	Sat	Russian diplo/intel. File 04491	FSK 200/1000	(MPJ)
F06a	20875	24-10	1500	Sun	Russian diplo/intel. File 04491	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	24-10	1515	Sun	Russian diplo/intel. File 04491	FSK 200/1000	(AB/MPJ)
F06a	15747	24-10	1530	Sun	Russian diplo/intel. File 04491	FSK 200/1000	(AB/MPJ)
F06a	13967	26-10	1510	Tue	Russian diplo/intel. File 01060.TLG (397 bytes) 11100 90149 35126 26001 00619	FSK 200/1000	(Priyom)
F06a	8134	26-10	1530	Tue	Russian diplo/intel. File 01060.TLG 11100 30219 56247 26001 00619	FSK 200/1000	(AB)
F06a	6946	26-10	1550	Tue	Russian diplo/intel. File 01060.TLG 11100 30219 56247 26001 00619	FSK 200/1000	(Priyom)
F06a	10236	26-10	1720	Tue	Russian diplo/intel. File 01070.TLG (458 bytes) 11100 60157 41286 26001 00719	FSK 200/1000	(Priyom)
F06a	8142	26-10	1730	Tue	Russian diplo/intel. File 01070.TLG (458 bytes) 11100 60157 41286 26001 00719	FSK 200/1000	(Priyom)
F06a	6797	26-10	1740	Tue	Russian diplo/intel. File 01070.TLG (458 bytes) 11100 60157 41286 26001 00719	FSK 200/1000	(Priyom)
F06a	5845	28-10	0400	Thu	Russian diplo/intel. File 44498	FSK 200/1000	(AB)
F06a	5249	28-10	0415	Thu	Russian diplo/intel. File 44498	FSK 200/1000	(AB)
F06a	4525	28-10	0430	Thu	Russian diplo/intel. File 44498	FSK 200/1000	(AB)
F06a	5845	29-10	0400	Fri	Russian diplo/intel. File 44498	FSK 200/1000	(AB)
F06a	5249	29-10	0415	Fri	Russian diplo/intel. File 44498	FSK 200/1000	(AB)
F06a	4525	29-10	0430	Fri	Russian diplo/intel. File 44498	FSK 200/1000	(AB)
F06a	20875	30-10	1500	Sat	Russian diplo/intel. File 04492	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	30-10	1515	Sat	Russian diplo/intel. File 04492	FSK 200/1000	(AB/MPJ)
F06a	15747	30-10	1530	Sat	Russian diplo/intel. File 04492	FSK 200/1000	(AB/MPJ)
F06a	20875	31-10	1500	Sun	Russian diplo/intel. File 04492	FSK 200/1000	(AB-RUS/MPJ)
F06a	17511	31-10	1515	Sun	Russian diplo/intel. File 04492	FSK 200/1000	(AB/MPJ)
F06a	15747	31-10	1530	Sun	Russian diplo/intel. File 04492	FSK 200/1000	(AB/MPJ)
HM01	11434	1-10	1556	Fri	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)
HM01	11435	2-10	1600	Sat	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11530	2-10	1702	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09) Started while already i.p.	AM/RDFT	(AB-USA)
HM01	11530	3-10	1730	Sun	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	4-10	1557	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)
HM01	11435	5-10	1554	Tue	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB)
HM01	11530	6-10	1726	Wed	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11635	6-10	1827	Wed	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	7-10	1557	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09) Started while already in progress	AM/RDFT	(AB-USA/RR2)
HM01	16180	7-10	2056	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RL-HOL)
HM01	17480	7-10	2156	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RL-HOL)
HM01	11434	8-10	1555	Fri	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)
HM01	11435	9-10	1555	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11530	9-10	1725	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11435	10-10	1559	Sun	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)
HM01	11435	11-10	1555	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)

HM01	11435	12-10	1555	Tue	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	13-10	1600	Wed	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	14-10	1607	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09) Started in progress	AM/RDFT	(AB-USA/RR2)
HM01	11434	15-10	1555	Fri	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)
HM01	11435	16-10	1628	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	17-10	1559	Sun	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11635	17-10	2058	Sun	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11435	18-10	1555	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)
HM01	11435	19-10	1559	Tue	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	20-10	1555	Wed	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	21-10	1600	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09) Started in progress	AM/RDFT	(AB-USA/RR2)
HM01	17480	21-10	2155	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09) Started in progress	AM/RDFT	(RL)
HM01	11434	22-10	1555	Fri	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)
HM01	11435	23-10	1600	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	16180	23-10	2056	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	17480	23-10	2155	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	11435	24-10	1600	Sun	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11530	24-10	1705	Sun	i.p. 10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	10715	24-10	2155	Sun	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	11435	25-10	1555	Mon	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)
HM01	11435	26-10	1555	Tue	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	16180	26-10	2055	Tue	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	11435	27-10	1555	Wed	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
HM01	11435	27-10	1628	Wed	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11435	28-10	1555	Thu	10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)
HM01	17480	28-10	2156	Thu	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RL)
HM01	11434	29-10	1555	Fri	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)
HM01	11435	30-10	1556	Sat	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(AB-USA/RR2)
HM01	11435	31-10	1559	Sun	10784 32433 27523 53823 47472 22442 (repeat of 23-09)	AM/RDFT	(RR2)
HM01	11530	31-10	1712	Sun	i.p. 10784á32433á27523á53823á47472á22442 (repeat of 23-09)	AM/RDFT	(AB-USA)
M01	6510	2-10	0700	Sat	463 545 545 30 30 = = 10938 39204 29483 ... 48371 90874 84732 = = 545 545 30 30 000	CW	(AB)
M01	6220	2-10	1500	Sat	463 115 115 = 30 30 = = 21345 89076 43567 ... 34527 09809 76896 = = 115 115 = 30 30 000	CW	(AB)
M01	5475	5-10	1758	Tue	463 323 323 30 30 = = 32094 48657 12345 ... 04682 50879 87923 323 323 30 30 000	CW	(AB)
M01	5020	5-10	2000	Tue	463 408 408 30 30 = = 68097 53467 13452 ... 67980 56745 78787 = = 408 408 30 30 000 Error in group 26 then stops and restarts with group 25	CW	(AB)
M01	5475	7-10	1800	Thu	463 878 878 = 30 30 = = 93054 38432 29473 ... 47352 37251 18256 = = 878 878 = 30 30 000	CW	(AB/MPJ)
M01	5020	7-10	2000	Thu	463 682 682 30 30 = = 36451 75835 72314 ... 38145 48572 95824 682 682 30 30 000	CW	(AB)
M01	6220	9-10	1500	Sat	463 828 828 30 30 = = 36524 76389 57684 ... 20121 34362 36547 = = 828 828 30 30 000	CW	(AB-FIN/MPJ)
M01	6510	10-10	0700	Sun	463 435 435 30 30 = = 54673 09879 75867 ... 47655 57684 87960 = = 435 435 30 30 000	CW	(AB)
M01	5475	12-10	1758	Tue	463 221 221 = 30 30 = = 46537 88669 07912 ... 46576 47568 38676 = = 221 221 30 30 000	CW	(AB/MPJ)
M01	5020	12-10	2000	Tue	463 465 465 30 30 = = 35465 76879 07980 ... 21234 59800 46578 = = 465 465 30 30 000	CW	(AB)
M01	5475	14-10	1800	Thu	463 414 414 30 30 = = 67854 90128 89023 ... 45162 67823 19283 = = 414 414 30 30 000	CW	(AB/MPJ)

M01	5020	14-10	2000	Thu	463 365 365 30 30 = = 09345 87453 21345 ... 04682 59371 24680 = = 365 365 30 30 000	CW	(AB)
M01	6220	16-10	1500	Sat	463 125 125 = 30 30 = = 12321 43561 90890 ... 87465 98576 21345 = = 125 125 = 30 30 000	CW	(MPJ)
M01	6510	17-10	0700	Sun	463 134 134 30 30 = = 73463 15390 59703 ... 24169 48429 38414 = = 134 134 30 30 000	CW	(AB)
M01	5475	19-10	1800	Tue	463 363 363 30 30 = = 90435 12673 58347 ... 12378 56756 12090 363 363 30 30 000	CW	(AB/MPJ)
M01	5020	19-10	2000	Tue	463 860 860 30 30 = = 98456 09453 56097 ... 12089 56789 60708 = = 860 860 30 30 000	CW	(AB)
M01	5475	21-10	1800	Thu	463 150 150 30 30 = = 12321 23425 89098 ... 45434 43234 54345 = = 150 150 = 30 30 000	CW	(AB/MPJ)
M01	6220	23-10	1500	Sat	463 163 163 30 30 = = 64523 27351 18352 ... 18712 28462 27451 = = 163 163 30 30 000	CW	(AB/MPJ)
M01	6510	24-10	0700	Sun	463 461 461 30 30 = = 38461 37483 38745 ... 26482 28456 27452 = = 461 461 30 30 0. 0. 0. 0.	CW	(AB)
M01	5475	26-10	1800	Tue	463 547 547 30 30 = = 64756 09789 71324 ... 47658 54409 36098 = = 547 547 30 30 000	CW	(AB/MPJ)
M01	5020	26-10	2000	Tue	707 707 30 30 = = 09089 43520 93872 ... 28900 23456 76889 = = 707 707 30 30 000	CW	(AB)
M01	5475	28-10	1800	Thu	463 389 389 30 30 = = 37461 29507 85721 ... 82741 58241 38690 = = 389 389 30 30 000	CW	(AB/MPJ)
M01	5020	28-10	2000	Thu	463 931 931 = 30 30 = = 49372 24312 01630 ... 46574 46554 45362 = = 931 931 = 30 30 0. 0. 0.	CW	(AB)
					Groups 14 and 15 were not repeated.		
M01	6220	30-10	1500	Sat	Error in the postamble 463 740 740 30 30 = = 45643 56467 46506 ... 13579 64598 45696 = = 740 4 740 30 30 000	CW	(AB/MPJ)
M01	6510	31-10	0700	Sun	463 606 606 = 30 30 = = 65784 39767 34565 ... 56567 45426 79630 = = 606 606 = 30 30 000	CW	(AB)
M01a	5221	8-10	0721	Fri	123 123 123 73872 73979 123 123 123 73979 73979 123 123 123 71497 73497 123 123 123 000	CW	(AB-FIN)
M12	7533	1-10	1218	Fri	793 793 793 1 8898 4 8898 4 81382 09128 56153 13521 000 000	CW	(T101)
M12	5794	1-10	2100	Fri	770 770 770 1 3039 140 3039 140 92862 25962 26789 ... 66420 26742 87099 000 000	CW	(AB)
M12	6794	1-10	2120	Fri	770 770 770 1 3039 140 3039 140 92862 25962 26789 ... 66420 26742 87099 000 000	CW	(AB)
M12	8094	1-10	2140	Fri	770 770 770 1 3039 140 3039 140 92862 25962 26789 ... 66420 26742 87099 000 000	CW	(AB)
M12	14711	2-10	0955	Sat	793 793 793 1 8587 2 8587 2 09358 43836 000 000	USB	(T101)
M12	5794	2-10	2100	Sat	770 770 770 1 3039 140 3039 140 92862 25962 26789 ... 66420 26742 87099 000 000	CW	(AB)
M12	6794	2-10	2120	Sat	770 770 770 1 3039 140 3039 140 92862 25962 26789 ... 66420 26742 87099 000 000	CW	(AB)
M12	8094	2-10	2140	Sat	770 770 770 1 3039 140 3039 140 92862 25962 26789 ... 66420 26742 87099 000 000	CW	(AB)
M12	17441	3-10	0800	Sun	462 462 462 1 566 90 566 90 83829 45442 61714 ... 41878 01015 48453 000 000	CW	(AB)
M12	18641	3-10	0820	Sun	462 462 462 1 566 90 566 90 83829 45442 61714 ... 41878 01015 48453 000 000	CW	(AB)
M12	19241	3-10	0840	Sun	462 462 462 1 566 90 566 90 83829 45442 61714 ... 41878 01015 48453 000 000	CW	(AB)
M12	14377	4-10	1130	Mon	317 317 317 1 1349 98 1349 98 97020 65096 19625 ... 26111 00119 45896 000 000	CW	(AB/MPJ)
M12	13461	4-10	1150	Mon	317 317 317 1 1349 98 1349 98 97020 65096 19625 ... 26111 00119 45896 000 000	CW	(AB/MPJ)
M12	12114	4-10	1210	Mon	317 317 317 1 1349 98 1349 98 97020 65096 19625 ... 26111 00119 45896 000 000	CW	(AB/MPJ)
M12	10318	4-10	2000	Mon	178 178 178 1 9347 96 9347 96 34348 15912 71480 ... 85089 68802 44347 000 000	CW	(AB/HFD)
M12	9218	4-10	2020	Mon	178 178 178 1 9347 96 9347 96 34348 15912 71480 ... 85089 68802 44347 000 000	CW	(AB/HFD)
M12	8118	4-10	2040	Mon	178 178 178 1 9347 96 9347 96 34348 15912 71480 ... 85089 68802 44347 000 000	CW	(AB/HFD)
M12	8164	4-10	2110	Mon	197 197 197 000	CW	(AB)
M12	6964	4-10	2130	Mon	197 197 197 000	CW	(AB)
M12	6837	5-10	0030	Tue	802 802 802 000	CW	(AB)
M12	8037	5-10	0050	Tue	802 802 802 000	CW	(AB)
M12	9317	5-10	0530	Tue	135 135 135 1 4049 107 4049 107 60911 18672 23171 ... 40546 26452 68320 000 000	CW	(AB)
M12	10484	5-10	0550	Tue	135 135 135 1 4049 107 4049 107 60911 18672 23171 ... 40546 26452 68320 000 000	CW	(AB)
M12	11552	5-10	0610	Tue	135 135 135 1 4049 107 4049 107 60911 18672 23171 ... 40546 26452 68320 000 000	CW	(AB)
M12	17441	6-10	0800	Wed	462 462 462 000	CW	(AB)

M12	18641	6-10	0820	Wed	462 462 462 000	CW	(AB)
M12	12162	6-10	1710	Wed	546 546 546 1 3148 110 3148 110 63024 90657 24577 ... 50399 92188 64333 000 000	CW	(AB)
M12	11566	6-10	1730	Wed	546 546 546 1 3148 110 3148 110 63024 90657 24577 ... 50399 92188 64333 000 000	CW	(AB)
M12	10711	6-10	1750	Wed	546 546 546 1 3148 110 3148 110 63024 90657 24577 ... 50399 92188 64333 000 000	CW	(AB)
M12	11135	6-10	1900	Wed	122 122 122 1 1463 81 1463 81 82392 00574 88659 ... 39090 50414 26990 73745 000 000	CW	(AB)
M12	10235	6-10	1920	Wed	122 122 122 1 1463 81 1463 81 82392 00574 88659 ... 39090 50414 26990 73745 000 000	CW	(AB)
M12	9235	6-10	1940	Wed	122 122 122 1 1463 81 1463 81 82392 00574 88659 ... 39090 50414 26990 73745 000 000	CW	(AB)
M12	6837	7-10	0030	Thu	802 802 802 000	CW	(AB)
M12	8037	7-10	0050	Thu	802 802 802 000	CW	(AB)
M12	13386	7-10	1120	Thu	725 725 725 1 6678 92 6678 92 69998 42009 74568 ... 50451 29140 97516 000 000	CW	(AB/MPJ)
M12	12189	7-10	1130	Thu	725 725 725 1 6678 92 6678 92 69998 42009 74568 ... 50451 29140 97516 000 000	CW	(AB/MPJ)
M12	11491	7-10	1150	Thu	725 725 725 1 6678 92 6678 92 69998 42009 74568 ... 50451 29140 97516 000 000	CW	(AB/MPJ)
M12	20168	7-10	1400	Thu	142 142 142 000	CW	(PY)
M12	19468	7-10	1420	Thu	142 142 142 000	CW	(PY)
M12	12162	7-10	1700	Thu	Distorted signal 546 546 546 1 3996 110 3996 110 75036 34993 78345 ... 05481 59409 42772 000 000	CW	(AB)
M12	11566	7-10	1720	Thu	Distorted signal 546 546 546 1 3996 110 3996 110 75036 34993 78345 ... 05481 59409 42772 000 000	CW	(AB)
M12	10711	7-10	1740	Thu	Distorted signal 546 546 546 1 3996 110 3996 110 75036 34993 78345 ... 05481 59409 42772 000 000	CW	(AB)
M12	12162	7-10	1800	Thu	546 546 546 1 9022 112 9022 112 47356 30395 71922 ... 07282 11057 44567 000 000	CW	(AB)
M12	11566	7-10	1820	Thu	546 546 546 1 9022 112 9022 112 47356 30395 71922 ... 07282 11057 44567 000 000	CW	(AB)
M12	10711	7-10	1840	Thu	546 546 546 1 9022 112 9022 112 47356 30395 71922 ... 07282 11057 44567 000 000	CW	(AB)
M12	10318	7-10	2000	Thu	178 178 178 1 9347 96 9347 96 34348 15912 71480 ... 85089 68802 44347 000 000	CW	(AB)
M12	14377	7-10	2000	Thu	317 317 317 1 6572 103 6572 103 74438 24086 73671 ... 45754 13217 62338 000 000	CW	(AB-RUS/RL-HOL)
M12	9218	7-10	2020	Thu	178 178 178 1 9347 96 9347 96 34348 15912 71480 ... 85089 68802 44347 000 000	CW	(AB)
M12	13461	7-10	2030	Thu	317 317 317 1 6572 103 6572 103 74438 24086 73671 ... 45754 13217 62338 000 000	CW	(AB/RL-HOL)
M12	8118	7-10	2040	Thu	178 178 178 1 9347 96 9347 96 34348 15912 71480 ... 85089 68802 44347 000 000	CW	(AB)
M12	12114	7-10	2040	Thu	317 317 317 1 6572 103 6572 103 74438 24086 73671 ... 45754 13217 62338 000 000	CW	(AB/RL-HOL)
M12	8164	7-10	2110	Thu	197 197 197 000	CW	(AB/RL-HOL/HFD)
M12	6964	7-10	2130	Thu	197 197 197 000	CW	(AB/RL-HOL/HFD)
M12	11135	8-10	1900	Fri	122 122 122 1 1463 81 1463 81 82392 00574 88659 ... 39090 50414 26990 73745 000 000	CW	(AB)
M12	10235	8-10	1920	Fri	122 122 122 1 1463 81 1463 81 82392 00574 88659 ... 39090 50414 26990 73745 000 000	CW	(AB)
M12	9235	8-10	1940	Fri	122 122 122 1 1463 81 1463 81 82392 00574 88659 ... 39090 50414 26990 73745 000 000	CW	(AB)
M12	5794	8-10	2100	Fri	770 770 770 000	CW	(AB/RL-HOL)
M12	6794	8-10	2120	Fri	770 770 770 000	CW	(AB/RL-HOL)
M12	11435	9-10	1800	Sat	938 938 938 1 9440 71 9440 71 34183 00245 71856 ... 74181 17223 07796 000 000	CW	(AB/RL-HOL/MPJ)
M12	10598	9-10	1820	Sat	938 938 938 1 9440 71 9440 71 34183 00245 71856 ... 74181 17223 07796 000 000	CW	(AB/RL-HOL/MPJ)
M12	9327	9-10	1840	Sat	938 938 938 1 9440 71 9440 71 34183 00245 71856 ... 74181 17223 07796 000 000	CW	(AB/RL-HOL/MPJ)
M12	5794	9-10	2100	Sat	770 770 770 000	CW	(AB)
M12	6794	9-10	2120	Sat	770 770 770 000	CW	(AB)
M12	10936	9-10	2210	Sat	931 931 931 1 2369 118 2369 118 84609 46045 48670 ... 44535 26523 21015 000 000	CW	(RL-HOL)

M12	8136	9-10	2250	Sat	931 931 931 1 2369 118 2369 118 84609 46045 48670 ... 44535 26523 21015 000 000	CW	(AB/RL-HOL)
M12	17441	10-10	0800	Sun	462 462 462 000	CW	(AB)
M12	18641	10-10	0820	Sun	462 462 462 000	CW	(AB)
M12	17429	11-10	0010	Mon	429 429 429 1 ...	CW	(HFD)
M12	16219	11-10	0030	Mon	429 429 429 1 ...	CW	(HFD)
M12	15929	11-10	0050	Mon	429 429 429 1 ...	CW	(HFD)
M12	14377	11-10	1130	Mon	317 317 317 1 5033 90 5033 90 56600 41071 50264 ... 44438 58856 48400 000 000	CW	(AB)
M12	13461	11-10	1150	Mon	317 317 317 1 5033 90 5033 90 56600 41071 50264 ... 44438 58856 48400 000 000	CW	(AB)
M12	12114	11-10	1210	Mon	317 317 317 1 5033 90 5033 90 56600 41071 50264 ... 44438 58856 48400 000 000	CW	(AB)
M12	20168	11-10	1400	Mon	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB)
M12	19468	11-10	1420	Mon	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB)
M12	16268	11-10	1440	Mon	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB)
M12	10318	11-10	2000	Mon	178 178 178 000	CW	(AB)
M12	9218	11-10	2020	Mon	178 178 178 000	CW	(AB)
M12	8164	11-10	2110	Mon	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB/HFD)
M12	6964	11-10	2130	Mon	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB/HFD)
M12	5764	11-10	2150	Mon	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB/HFD)
M12	6837	12-10	0030	Tue	802 802 802 1 307 91 307 91 05816 60514 71131 ... 30854 15091 99197 000 000	CW	(AB/HFD)
M12	8037	12-10	0050	Tue	802 802 802 1 307 91 307 91 05816 60514 71131 ... 30854 15091 99197 000 000	CW	(AB/HFD)
M12	9237	12-10	0110	Tue	802 802 802 1 307 91 307 91 05816 60514 71131 ... 30854 15091 99197 000 000	CW	(AB/HFD)
M12	9317	12-10	0530	Tue	135 135 135 1 9694 111 9694 111 32845 43844 38896 ... 19638 83277 50092 000 000	CW	(AB)
M12	10484	12-10	0550	Tue	135 135 135 1 9694 111 9694 111 32845 43844 38896 ... 19638 83277 50092 000 000	CW	(AB)
M12	11552	12-10	0610	Tue	135 135 135 1 9694 111 9694 111 32845 43844 38896 ... 19638 83277 50092 000 000	CW	(AB)
M12	17441	13-10	0800	Wed	462 462 462 000	CW	(AB)
M12	18641	13-10	0820	Wed	462 462 462 000	CW	(AB)
M12	12162	13-10	1710	Wed	546 546 546 1 4469 104 4469 104 87551 00208 79985 ... 21814 85164 83875 000 000	CW	(AB)
M12	11566	13-10	1730	Wed	546 546 546 1 4469 104 4469 104 87551 00208 79985 ... 21814 85164 83875 000 000	CW	(AB)
M12	10711	13-10	1750	Wed	546 546 546 1 4469 104 4469 104 87551 00208 79985 ... 21814 85164 83875 000 000	CW	(AB)
M12	11135	13-10	1900	Wed	122 122 122 000	CW	(AB)
M12	10235	13-10	1920	Wed	122 122 122 000	CW	(AB)
M12	13386	14-10	1120	Thu	725 725 725 1 8841 98 8841 98 26652 86976 97274 ... 93890 47039 47727 000 000	CW	(AB/MPJ)
M12	12189	14-10	1130	Thu	725 725 725 1 8841 98 8841 98 26652 86976 97274 ... 93890 47039 47727 000 000	CW	(AB/MPJ)
M12	11491	14-10	1150	Thu	725 725 725 1 8841 98 8841 98 26652 86976 97274 ... 93890 47039 47727 000 000	CW	(AB/MPJ)
M12	20168	14-10	1400	Thu	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB/MPJ)
M12	19468	14-10	1420	Thu	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB/MPJ)
M12	16268	14-10	1440	Thu	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB/MPJ)
M12	12162	14-10	1700	Thu	546 546 546 1 7835 108 7835 108 75946 50869 30286 ... 82480 91318 24420 000 000	CW	(AB)
M12	11566	14-10	1720	Thu	546 546 546 1 7835 108 7835 108 75946 50869 30286 ... 82480 91318 24420 000 000	CW	(AB)
M12	10711	14-10	1740	Thu	546 546 546 1 7835 108 7835 108 75946 50869 30286 ... 82480 91318 24420 000 000	CW	(AB)
M12	12162	14-10	1800	Thu	546 546 546 1 1260 110 1260 110 69075 42614 16047 ... 78488 38108 10249 000 000	CW	(AB)
M12	11566	14-10	1820	Thu	546 546 546 1 1260 110 1260 110 69075 42614 16047 ... 78488 38108 10249 000 000	CW	(AB)
M12	10711	14-10	1840	Thu	546 546 546 1 1260 110 1260 110 69075 42614 16047 ... 78488 38108 10249 000 000	CW	(AB)

M12	10318	14-10	2000	Thu	178 178 178 000	CW	(AB)
M12	14377	14-10	2000	Thu	317 317 317 1 3390 105 3390 105 39594 43655 43351 ... 13833 43839 48086 000 000	CW	(AB-RUS)
M12	9218	14-10	2020	Thu	178 178 178 000	CW	(AB)
M12	13461	14-10	2030	Thu	317 317 317 1 3390 105 3390 105 39594 43655 43351 ... 13833 43839 48086 000 000	CW	(AB-RUS)
M12	12114	14-10	2040	Thu	317 317 317 1 3390 105 3390 105 39594 43655 43351 ... 13833 43839 48086 000 000	CW	(AB-RUS)
M12	8164	14-10	2110	Thu	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB)
M12	6964	14-10	2130	Thu	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB)
M12	5764	14-10	2150	Thu	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB)
M12	6837	15-10	0030	Fri	802 802 802 1 307 91 307 91 05816 60514 71131 ... 30854 15091 99197 000 000	CW	(AB)
M12	8037	15-10	0050	Fri	802 802 802 1 307 91 307 91 05816 60514 71131 ... 30854 15091 99197 000 000	CW	(AB)
M12	9237	15-10	0110	Fri	802 802 802 1 307 91 307 91 05816 60514 71131 ... 30854 15091 99197 000 000	CW	(AB)
M12	11135	15-10	1900	Fri	122 122 122 000	CW	(AB)
M12	10235	15-10	1920	Fri	122 122 122 000	CW	(AB)
M12	5794	15-10	2100	Fri	770 770 770 000	CW	(AB)
M12	6794	15-10	2120	Fri	770 770 770 000	CW	(AB)
M12	11435	16-10	1800	Sat	938 938 938 1 3652 79 3652 79 08321 58953 38999 ... 91753 68659 86837 000 000	CW	(AB/MPJ)
M12	10598	16-10	1820	Sat	938 938 938 1 3652 79 3652 79 08321 58953 38999 ... 91753 68659 86837 000 000	CW	(AB/MPJ)
M12	9327	16-10	1840	Sat	938 938 938 1 3652 79 3652 79 08321 58953 38999 ... 91753 68659 86837 000 000	CW	(AB/MPJ)
M12	5794	16-10	2100	Sat	770 770 770 000	CW	(AB)
M12	6794	16-10	2120	Sat	770 770 770 000	CW	(AB)
M12	10936	16-10	2210	Sat	931 931 931 1 9630 86 9630 86 12778 52440 14297 ... 78684 72603 19715 000 000	CW	(AB-RUS/HFD)
M12	9336	16-10	2230	Sat	931 931 931 1 9630 86 9630 86 12778 52440 14297 ... 78684 72603 19715 000 000	CW	(AB/HFD)
M12	8136	16-10	2250	Sat	931 931 931 1 9630 86 9630 86 12778 52440 14297 ... 78684 72603 19715 000 000	CW	(AB)
M12	17441	17-10	0800	Sun	462 462 462 1 709 59 709 59 42304 20250 88544 ... 46164 92736 28126 06000 000 000	CW	(AB/HFD)
M12	18641	17-10	0820	Sun	462 462 462 1 709 59 709 59 42304 20250 88544 ... 46164 92736 28126 06000 000 000	CW	(AB/HFD)
M12	19241	17-10	0840	Sun	462 462 462 1 709 59 709 59 42304 20250 88544 ... 46164 92736 28126 06000 000 000	CW	(AB/HFD)
M12	14377	18-10	1130	Mon	317 317 317 1 2390 93 2390 93 93481 22113 33525 ... 58103 07066 18903 000 000	CW	(AB)
M12	13461	18-10	1150	Mon	317 317 317 1 2390 93 2390 93 93481 22113 33525 ... 58103 07066 18903 000 000	CW	(AB)
M12	12114	18-10	1210	Mon	317 317 317 1 2390 93 2390 93 93481 22113 33525 ... 58103 07066 18903 000 000	CW	(AB)
M12	20168	18-10	1400	Mon	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB)
M12	19468	18-10	1420	Mon	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB)
M12	16268	18-10	1440	Mon	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB)
M12	10318	18-10	2000	Mon	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB)
M12	9218	18-10	2020	Mon	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB)
M12	8118	18-10	2040	Mon	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB)
M12	8164	18-10	2110	Mon	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB)
M12	6964	18-10	2130	Mon	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB)
M12	5764	18-10	2150	Mon	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB)
M12	6837	19-10	0030	Tue	802 802 802 000	CW	(AB)
M12	8037	19-10	0050	Tue	802 802 802 000	CW	(AB)
M12	9317	19-10	0530	Tue	135 135 135 1 6927 107 6927 107 01637 79899 47560 ... 00307 90573 80884 000 000	CW	(AB)
M12	10484	19-10	0550	Tue	135 135 135 1 6927 107 6927 107 01637 79899 47560 ... 00307 90573 80884 000 000	CW	(AB)

M12	11552	19-10	0610	Tue	135 135 135 1 6927 107 6927 107 01637 79899 47560 ... 00307 90573 80884 000 000	CW	(AB)
M12	17441	20-10	0800	Wed	462 462 462 000	CW	(AB)
M12	18641	20-10	0820	Wed	462 462 462 000	CW	(AB)
M12	12162	20-10	1710	Wed	546 546 546 1 6046 111 6046 111 32133 64427 25236 ... 59496 83978 99152 000 000	CW	(AB-RUS)
M12	11566	20-10	1730	Wed	546 546 546 1 6046 111 6046 111 32133 64427 25236 ... 59496 83978 99152 000 000	CW	(AB)
M12	10711	20-10	1750	Wed	546 546 546 1 6046 111 6046 111 32133 64427 25236 ... 59496 83978 99152 000 000	CW	(AB)
M12	11135	20-10	1900	Wed	122 122 122 1 700 74 700 74 81256 90171 90144 ... 21126 43128 72257 000 000	CW	(AB)
M12	10235	20-10	1920	Wed	122 122 122 1 700 74 700 74 81256 90171 90144 ... 21126 43128 72257 000 000	CW	(AB)
M12	9235	20-10	1940	Wed	122 122 122 1 700 74 700 74 81256 90171 90144 ... 21126 43128 72257 000 000	CW	(AB)
M12	13386	21-10	1120	Thu	725 725 725 1 1748 92 1748 92 36989 20444 40453 ... 52066 41779 03979 000 000	CW	(AB)
M12	12189	21-10	1130	Thu	725 725 725 1 1748 92 1748 92 36989 20444 40453 ... 52066 41779 03979 000 000	CW	(AB)
M12	11491	21-10	1150	Thu	725 725 725 1 1748 92 1748 92 36989 20444 40453 ... 52066 41779 03979 000 000	CW	(AB)
M12	20168	21-10	1400	Thu	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB/MPJ)
M12	19468	21-10	1420	Thu	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB/MPJ)
M12	16268	21-10	1440	Thu	142 142 142 1 621 79 621 79 71819 05792 33796 ... 39458 16521 78083 000 000	CW	(AB/MPJ)
M12	12162	21-10	1700	Thu	546 546 546 1 2294 107 2294 107 76231 17077 81273 ... 25706 55594 42867 000 000	CW	(AB)
M12	11566	21-10	1720	Thu	546 546 546 1 2294 107 2294 107 76231 17077 81273 ... 25706 55594 42867 000 000	CW	(AB)
M12	10711	21-10	1740	Thu	546 546 546 1 2294 107 2294 107 76231 17077 81273 ... 25706 55594 42867 000 000	CW	(AB)
M12	12162	21-10	1800	Thu	546 546 546 546 1 8227 108 8227 108 46478 90183 31012 ... 63428 72724 98734 000 000	CW	(AB)
M12	11566	21-10	1820	Thu	546 546 546 546 1 8227 108 8227 108 46478 90183 31012 ... 63428 72724 98734 000 000	CW	(AB)
M12	10711	21-10	1840	Thu	546 546 546 546 1 8227 108 8227 108 46478 90183 31012 ... 63428 72724 98734 000 000	CW	(AB)
M12	10318	21-10	2000	Thu	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB/RL)
M12	14377	21-10	2000	Thu	317 317 317 1 7660 104 7660 104 76111 89485 82142 ... 87600 96232 44422 000 000	CW	(AB-RUS)
M12	9218	21-10	2020	Thu	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB/RL)
M12	13461	21-10	2030	Thu	317 317 317 1 7660 104 7660 104 76111 89485 82142 ... 87600 96232 44422 000 000	CW	(AB-RUS)
M12	8118	21-10	2040	Thu	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB/RL)
M12	12114	21-10	2040	Thu	317 317 317 1 7660 104 7660 104 76111 89485 82142 ... 87600 96232 44422 000 000	CW	(AB-RUS)
M12	8164	21-10	2110	Thu	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB/RL)
M12	6964	21-10	2130	Thu	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB/RL)
M12	5764	21-10	2150	Thu	197 197 197 1 5998 95 5998 95 78920 83588 93770 ... 85804 82311 14246 000 000	CW	(AB/RL)
M12	6837	22-10	0030	Fri	802 802 802 000	CW	(AB)
M12	8037	22-10	0050	Fri	802 802 802 000	CW	(AB)
M12	11135	22-10	1900	Fri	122 122 122 1 700 74 700 74 81256 90171 90144 ... 21126 43128 72257 000 000	CW	(AB)
M12	10235	22-10	1920	Fri	122 122 122 1 700 74 700 74 81256 90171 90144 ... 21126 43128 72257 000 000	CW	(AB)
M12	9235	22-10	1940	Fri	122 122 122 1 700 74 700 74 81256 90171 90144 ... 21126 43128 72257 000 000	CW	(AB)
M12	5794	22-10	2100	Fri	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB)
M12	6794	22-10	2120	Fri	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB)
M12	8094	22-10	2140	Fri	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB)
M12	11435	23-10	1800	Sat	938 938 938 1 9887 76 9887 76 94059 58690 31615 ... 77286 30076 03302 000 000	CW	(AB/MPJ)
M12	10598	23-10	1820	Sat	938 938 938 1 9887 76 9887 76 94059 58690 31615 ... 77286 30076 03302 000 000	CW	(AB/MPJ)
M12	9327	23-10	1840	Sat	938 938 938 1 9887 76 9887 76 94059 58690 31615 ... 77286 30076 03302 000 000	CW	(AB/MPJ)
M12	5794	23-10	2100	Sat	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB)

M12	6794	23-10	2120	Sat	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB)
M12	8094	23-10	2140	Sat	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB)
M12	17441	24-10	0800	Sun	462 462 462 000	CW	(AB)
M12	18641	24-10	0820	Sun	462 462 462 000	CW	(AB)
M12	14377	25-10	1130	Mon	317 317 317 1 6931 93 6931 93 73405 91045 21649 ... 58245 78697 75154 000 000	CW	(AB/MPJ)
M12	13461	25-10	1150	Mon	317 317 317 1 6931 93 6931 93 73405 91045 21649 ... 58245 78697 75154 000 000	CW	(AB/MPJ)
M12	12114	25-10	1210	Mon	317 317 317 1 6931 93 6931 93 73405 91045 21649 ... 58245 78697 75154 000 000	CW	(AB/MPJ)
M12	20168	25-10	1400	Mon	142 142 142 000	CW	(AB/MPJ)
M12	19468	25-10	1420	Mon	142 142 142 000	CW	(AB/MPJ)
M12	10318	25-10	2000	Mon	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB/RL)
M12	9218	25-10	2020	Mon	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB/RL)
M12	8118	25-10	2040	Mon	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB/RL)
M12	8164	25-10	2110	Mon	197 197 197 000	CW	(AB/RL)
M12	6964	25-10	2130	Mon	197 197 197 000	CW	(AB/RL)
M12	6837	26-10	0030	Tue	802 802 802 1 3057 67 3057 67 68687 09740 91787 ... 03970 06181 60272 000 000	CW	(AB)
M12	8037	26-10	0050	Tue	802 802 802 1 3057 67 3057 67 68687 09740 91787 ... 03970 06181 60272 000 000	CW	(AB)
M12	9237	26-10	0110	Tue	802 802 802 1 3057 67 3057 67 68687 09740 91787 ... 03970 06181 60272 000 000	CW	(AB)
M12	9317	26-10	0530	Tue	135 135 135 1 8430 105 8430 105 85594 55433 82871 ... 13743 99592 37210 000 000	CW	(AB)
M12	10484	26-10	0550	Tue	135 135 135 1 8430 105 8430 105 85594 55433 82871 ... 13743 99592 37210 000 000	CW	(AB)
M12	11552	26-10	0610	Tue	135 135 135 1 8430 105 8430 105 85594 55433 82871 ... 13743 99592 37210 000 000	CW	(AB)
M12	17441	27-10	0800	Wed	462 462 462 1 9828 88 9828 88 26797 71664 15854 ... 21215 49937 82157 000 000	CW	(AB)
M12	18641	27-10	0820	Wed	462 462 462 1 9828 88 9828 88 26797 71664 15854 ... 21215 49937 82157 000 000	CW	(AB)
M12	19241	27-10	0840	Wed	462 462 462 1 9828 88 9828 88 26797 71664 15854 ... 21215 49937 82157 000 000	CW	(AB)
M12	12162	27-10	1710	Wed	546 546 546 1 3599 110 3599 110 03329 52758 16472 ... 21980 70316 17806 000 000	CW	(AB)
M12	11566	27-10	1730	Wed	546 546 546 1 3599 110 3599 110 03329 52758 16472 ... 21980 70316 17806 000 000	CW	(AB)
M12	10711	27-10	1750	Wed	546 546 546 1 3599 110 3599 110 03329 52758 16472 ... 21980 70316 17806 000 000	CW	(AB)
M12	11135	27-10	1900	Wed	122 122 122 000	CW	(AB)
M12	10235	27-10	1920	Wed	122 122 122 000	CW	(AB)
M12	10936	27-10	2210	Wed	931 931 931 1 574 86 574 86 85955 96693 47569 ... 28594 63891 20027 000 000	CW	(AB-RUS)
M12	9336	27-10	2230	Wed	931 931 931 1 574 86 574 86 85955 96693 47569 ... 28594 63891 20027 000 000	CW	(AB/RL)
M12	8136	27-10	2250	Wed	931 931 931 1 574 86 574 86 85955 96693 47569 ... 28594 63891 20027 000 000	CW	(AB/RL)
M12	13386	28-10	1120	Thu	725 725 725 1 2182 99 2182 99 26642 62027 52740 ... 46052 02800 32549 000 000	CW	(AB/MPJ)
M12	12189	28-10	1130	Thu	725 725 725 1 2182 99 2182 99 26642 62027 52740 ... 46052 02800 32549 000 000	CW	(AB/MPJ)
M12	11491	28-10	1150	Thu	725 725 725 1 2182 99 2182 99 26642 62027 52740 ... 46052 02800 32549 000 000	CW	(AB/MPJ)
M12	20168	28-10	1400	Thu	142 142 142 000	CW	(AB/MPJ)
M12	19468	28-10	1420	Thu	142 142 142 000	CW	(AB/MPJ)
M12	12162	28-10	1700	Thu	546 546 546 1 2308 113 2308 113 20718 60112 58932 ... 39337 70412 17751 000 000	CW	(AB)
M12	11566	28-10	1720	Thu	546 546 546 1 2308 113 2308 113 20718 60112 58932 ... 39337 70412 17751 000 000	CW	(AB)
M12	10711	28-10	1740	Thu	546 546 546 1 2308 113 2308 113 20718 60112 58932 ... 39337 70412 17751 000 000	CW	(AB)
M12	12162	28-10	1800	Thu	546 546 546 1 1628 108 1628 108 15429 16247 77614 ... 13751 97621 21907 000 000	CW	(AB)
M12	11566	28-10	1820	Thu	546 546 546 1 1628 108 1628 108 15429 16247 77614 ... 13751 97621 21907 000 000	CW	(AB)
M12	10711	28-10	1840	Thu	546 546 546 1 1628 108 1628 108 15429 16247 77614 ... 13751 97621 21907 000 000	CW	(AB)

M12	10318	28-10	2000	Thu	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB/RL)
M12	14377	28-10	2000	Thu	317 317 317 1 1856 108 1856 108 88966 91928 27293 ... 00963 84281 61261 000 000	CW	(AB-RUS)
M12	9218	28-10	2020	Thu	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB/RL)
M12	13461	28-10	2030	Thu	317 317 317 1 1856 108 1856 108 88966 91928 27293 ... 00963 84281 61261 000 000	CW	(AB-RUS)
M12	8118	28-10	2040	Thu	178 178 178 1 3536 63 3536 63 70089 17979 28712 ... 35225 00023 94695 000 000	CW	(AB/RL)
M12	12114	28-10	2040	Thu	317 317 317 1 1856 108 1856 108 88966 91928 27293 ... 00963 84281 61261 000 000	CW	(AB-RUS)
M12	8164	28-10	2110	Thu	197 197 197 000	CW	(AB/RL)
M12	6964	28-10	2130	Thu	197 197 197 000	CW	(AB/RL)
M12	6837	29-10	0030	Fri	802 802 802 1 3057 67 3057 67 68687 09740 91787 ... 03970 06181 60272 000 000	CW	(AB)
M12	8037	29-10	0050	Fri	802 802 802 1 3057 67 3057 67 68687 09740 91787 ... 03970 06181 60272 000 000	CW	(AB)
M12	9237	29-10	0110	Fri	802 802 802 1 3057 67 3057 67 68687 09740 91787 ... 03970 06181 60272 000 000	CW	(AB)
M12	11135	29-10	1900	Fri	122 122 122 000	CW	(AB)
M12	10235	29-10	1920	Fri	122 122 122 000	CW	(AB)
M12	5794	29-10	2100	Fri	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB)
M12	6794	29-10	2120	Fri	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB)
M12	8094	29-10	2140	Fri	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB/RL)
M12	11435	30-10	1800	Sat	938 938 938 1 1136 72 1136 72 50032 72804 70971 ... 54817 91226 86005 000 000	CW	(AB/MPJ)
M12	10598	30-10	1820	Sat	938 938 938 1 1136 72 1136 72 50032 72804 70971 ... 54817 91226 86005 000 000	CW	(AB/MPJ)
M12	9327	30-10	1840	Sat	938 938 938 1 1136 72 1136 72 50032 72804 70971 ... 54817 91226 86005 000 000	CW	(AB/MPJ)
M12	5794	30-10	2100	Sat	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB)
M12	6794	30-10	2120	Sat	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB)
M12	8094	30-10	2140	Sat	770 770 770 1 632 95 632 95 01478 27814 58019 ... 11622 78300 05557 000 000	CW	(AB)
M12	10936	30-10	2210	Sat	931 931 931 1 574 86 574 86 85955 96693 47569 ... 28594 63891 20027 000 000	CW	(AB-RUS)
M12	9336	30-10	2230	Sat	931 931 931 1 574 86 574 86 85955 96693 47569 ... 28594 63891 20027 000 000	CW	(AB)
M12	8136	30-10	2250	Sat	931 931 931 1 574 86 574 86 85955 96693 47569 ... 28594 63891 20027 000 000	CW	(AB)
M12	17441	31-10	0800	Sun	462 462 462 1 9828 88 9828 88 26797 71664 15854 ... 21215 49937 82157 000 000	CW	(AB)
M12	18641	31-10	0820	Sun	462 462 462 1 9828 88 9828 88 26797 71664 15854 ... 21215 49937 82157 000 000	CW	(AB)
M12	19241	31-10	0840	Sun	462 462 462 1 9828 88 9828 88 26797 71664 15854 ... 21215 49937 82157 000 000	CW	(AB)
M14	12211	1-10	0500	Fri	952 634 634 53 53 = = 69989 01771 90778 ... 08614 56655 23379 = = 634 634 53 53 00000	CW	(AB)
M14	10243	1-10	0520	Fri	952 634 634 53 53 = = 69989 01771 90778 ... 08614 56655 23379 = = 634 634 53 53 00000	CW	(AB)
M14	12211	4-10	0500	Mon	952 871 871 52 52 = = 71834 60987 07276 ... 26128 79218 31523 = = 871 871 52 52 00000	CW	(AB-J)
M14	10243	4-10	0520	Mon	952 871 871 52 52 = = 71834 60987 07276 ... 26128 79218 31523 = = 871 871 52 52 00000	CW	(AB-J)
M14	12211	5-10	0503	Tue	Late start 952 430 430 52 52 = = 95831 43642 68988 ... 01894 65854 25221 = = 430 430 52 52 00000	CW	(AB-J)
M14	10243	5-10	0520	Tue	952 430 430 52 52 = = 95831 43642 68988 ... 01894 65854 25221 = = 430 430 52 52 00000	CW	(AB-J)
M14	12211	6-10	0500	Wed	952 687 687 52 52 = = 20109 00065 62179 ... 60055 74359 34225 = = 687 687 52 52 00000 8 secs si- lence after 952	CW	(AB-J)
M14	10243	6-10	0521	Wed	952 687 687 52 52 = = 20109 00065 62179 ... 60055 74359 34225 = = 687 687 52 52 00000 Late start	CW	(AB-J)
M14	12211	7-10	0500	Thu	952 101 101 55 55 = = 23801 37345 74638 ... 51636 39859 84273 = = 101 101 55 55 00000	CW	(AB-J)
M14	10243	7-10	0520	Thu	952 101 101 55 55 = = 23801 37345 74638 ... 51636 39859 84273 = = 101 101 55 55 00000	CW	(AB-J)
M14	12211	8-10	0500	Fri	952 436 436 56 56 = = 42060 66617 12101 ... 49735 94686 93330 = = 436 436 56 56 00000	CW	(AB)
M14	10243	8-10	0520	Fri	952 436 436 56 56 = = 42060 66617 12101 ... 49735 94686 93330 = = 436 436 56 56 00000	CW	(AB)
M14	17458	10-10	0930	Sun	617 617 617 00000	CW	(AB)

M14	12211	11-10	0500	Mon	952 718 718 52 52 == 79814 88956 57468 ... 37694 13126 13550 == 718 718 52 52 00000	CW	(AB-J)
M14	10243	11-10	0520	Mon	952 718 718 52 52 == 79814 88956 57468 ... 37694 13126 13550 == 718 718 52 52 00000	CW	(AB-J)
M14	12211	12-10	0500	Tue	952 343 343 67 67 == 56924 30120 78056... 30922 59097 72577 == 343 343 67 67 00000	CW	(AB-J)
M14	10243	12-10	0520	Tue	952 343 343 67 67 == 56924 30120 78056... 30922 59097 72577 == 343 343 67 67 00000	CW	(AB-J)
M14	12211	13-10	0500	Wed	952 876 876 50 50 == 10163 58327 66177 ... 73303 98812 89571 == 876 876 50 50 00000	CW	(AB-J)
M14	10243	13-10	0521	Wed	952 876 876 50 50 == 10163 58327 66177 ... 73303 98812 89571 == 876 876 50 50 00000	CW	(AB-J)
M14	12211	14-10	0504	Thu	952 404 404 51 51 == 25203 51530 34347 ... 23897 53136 75628 == 404 404 51 51 00000 Late start	CW	(AB-J)
M14	10243	14-10	0520	Thu	952 404 404 51 51 == 25203 51530 34347 ... 23897 53136 75628 == 404 404 51 51 00000	CW	(AB-J)
M14	12211	15-10	0500	Fri	952 717 717 51 51 == 39297 04125 41187 ... 24908 45311 20975 == 717 71 51 51 00000	CW	(AB)
M14	10243	15-10	0520	Fri	952 717 717 51 51 == 39297 04125 41187 ... 24908 45311 20975 == 717 71 51 51 00000	CW	(AB)
M14	12211	18-10	0500	Mon	952 686 686 51 51 == 08683 47872 62815 ... 93513 12394 86089 == 686 686 51 51 00000	CW	(AB-J)
M14	12211	19-10	0500	Tue	952 313 313 52 52 == 23644 17918 52508 ... 60482 61036 02116 == 313 313 52 52 00000	CW	(AB-J)
M14	10243	19-10	0520	Tue	952 313 313 52 52 == 23644 17918 52508 ... 60482 61036 02116 == 313 313 52 52 00000	CW	(AB-J)
M14	12211	20-10	0500	Wed	952 847 847 51 51 == 39292 26369 21339 ... 63788 06726 35323 == 847 847 51 51 00000	CW	(AB-J)
M14	10243	20-10	0521	Wed	952 847 847 51 51 == 39292 26369 21339 ... 63788 06726 35323 == 847 847 51 51 00000	CW	(AB-J)
M14	12211	21-10	0500	Thu	952 601 601 53 53 == 22250 48367 02096 ... 85238 96279 94135 == 601 601 53 53 00000	CW	(AB-J)
M14	10243	21-10	0520	Thu	952 601 601 53 53 == 22250 48367 02096 ... 85238 96279 94135 == 601 601 53 53 00000	CW	(AB-J)
M14	12211	22-10	0500	Fri	952 483 483 61 61 == 79470 14127 95611 ... 86137 95192 26657 == 483 483 61 61 00000	CW	(AB)
M14	10243	22-10	0520	Fri	952 483 483 61 61 == 79470 14127 95611 ... 86137 95192 26657 == 483 483 61 61 00000	CW	(AB)
M14	12211	25-10	0500	Mon	no transmission	CW	(AB-J)
M14	10243	25-10	0520	Mon	Transmitter problems. Off/on several times. 952 767 767 56 56 == 60259 66937 97441 ... 32758 64201 54695 == 767 767 56 56 00000	CW	(AB-J)
M14	17458	25-10	0930	Mon	617 617 617 00000	CW	(AB/HFD)
M14	12211	26-10	0500	Tue	952 131 131 52 52 == 18847 28970 56637 ... 63616 44853 13745 == 131 131 52 52 no nulls	CW	(AB-J)
M14	10243	26-10	0520	Tue	952 131 131 52 52 == 18847 28970 56637 ... 63616 44853 13745 == 131 131 52 52 no nulls	CW	(AB-J)
M14	12211	27-10	0500	Wed	952 784 784 57 57 == 88397 22106 57777 ... 07977 25911 40972 == 784 784 57 57 00000	CW	(AB-J)
M14	10243	27-10	0521	Wed	952 784 784 57 57 == 88397 22106 57777 ... 07977 25911 40972 == 784 784 57 57 00000	CW	(AB-J)
M14	12211	28-10	0500	Thu	952 610 610 53 53 == 20481 76972 50147 ... 40914 99476 66045 == 610 610 53 53 00000	CW	(AB-J)
M14	10243	28-10	0520	Thu	952 610 610 53 53 == 20481 76972 50147 ... 40914 99476 66045 == 610 610 53 53 00000	CW	(AB-J)
M14	12211	29-10	0500	Fri	952 834 834 62 62 == 78496 41443 27958 ... 82657 96267 30265 == 834 834 62 62 00000	CW	(AB)
M14	10243	29-10	0520	Fri	952 834 834 62 62 == 78496 41443 27958 ... 82657 96267 30265 == 834 834 62 62 00000 FSK-CW switched to CW at 0523z. Stopped and restarted at 0524z	CW	(AB)
M21	6911.5	24-10	0833	Sun	=991133??8???? =991134??8???? =991135??8????	CW	(F5JBR)
M21	4628	25-10	1835	Mon	=992135??8???? =992136??8???? =992137??8????	CW	(AB)
M21	4171	26-10	0850	Tue	=991150??8???? =22458901960415 =991150??8???? =11458314355350 =991151??8????	CW	(F5JBR)
M22	4331	7-10	2302	Thu	i.p. km4p nr 791 iy gr 81 == tp4p nr 691 pi gr 71 == tp3n nr 591 sz gr 61 == lz3b nr 491 xz gr 51 == zb2d nr 981 to nr 391 qql ==	CW	(RL-HOL)
M22	6607	13-10	1620	Wed	VVV DE 4XZ 4XZ == KB9W NR 163 TO NR 563 QQL == HZ1H NR 073 UK GR 91 == DJ0Z NR 963 BQ GR 81 ==	CW	(AB)
M32	5304	7-10	0934	Thu	XXX XXX XHOP XHOP 73553 MOShKANA 6151 8609 NAR0ZhDENIE 4262 1289 KRATOFORD 1901 6769 K	CW	(Gwr)

M32	5369	7-10	0934	Thu	XXX XXX XHOP XHOP 73553 MOShKANA 6151 8609 NAR0ZhDENIE 4262 1289 KRATOFORD 1901 6769 K	CW	(Gwr)
M32	6351	7-10	0934	Thu	XXX XXX XHOP XHOP 73553 MOShKANA 6151 8609 NAR0ZhDENIE 4262 1289 KRATOFORD 1901 6769 K	CW	(Gwr)
M32	5304	7-10	0937	Thu	XXX XXX 596E 596E AY9X AY9X 21493 92412 POTERYaNNYJ 8534 9545 K	CW	(Gwr)
M32	5369	7-10	0937	Thu	XXX XXX 596E 596E AY9X AY9X 21493 92412 POTERYaNNYJ 8534 9545 K	CW	(Gwr)
M32	5779	7-10	0942	Thu	XXX XXX NZhTI NZhTI 96113 CELOSTAT 1067 1146 K	CW	(Gwr)
M32a	7815	24-10	0802	Sun	RBL88 wkg RBL90, RFN69, RFN77, RGR99: XXX LR43 TEK hNICHESKAYa PROWERKA 592 K (RFN69, RFN77, RGR99, RBL90 acknowledge receipt)	CW	(F5JBR)
M32a	8000	25-10	0652	Mon	Russian Navy. Marker C	CW	(F5JBR)
M32b	8816	6-10	0659	Wed	rjc38 rjf94 de 71753 qto 0631 qrd XLPB XLMV qbd 0500 qre 0840 k qth 16525 13255 qtr 0750 qbd 0400 qbg 5800 k	CW	(WP3)
M32c	8162	26-10	0939	Tue	Russian Air Force. Marker W	CW	(F5JBR)
M32c	8162	26-10	1000	Tue	Russian Air Force. Marker W	CW	(F5JBR)
M41	6821.5	25-10	0732	Mon	3764 3132118 32 = 3764 3132111 34 = 3764 3132111 34 =	CW	(F5JBR)
M41	6821.5	26-10	0746	Tue	1300 3192375 46 = 1300 3102360 1060 48 = 1300 3192358 1053 50 =	CW	(F5JBR)
M41b	7813	7-10	0645	Thu	LKDW LKDW LKDW DE PRAT PRAT K QSA4 QSA? K QTC1 ZZC K RTTY was too poor to copy CFM NIL K	CW + FSK 50/500	(AB-FIN)
M41b	7813	14-10	0645	Thu	LKDW LKDW LKDW DE PRAT PRAT K (repeated) Faded. Too weak to copy	CW + FSK 50/500	(AB-FIN)
M41b	7813	21-10	0645	Thu	LKDW LKDW LKDW DE PRAT PRAT K 163 100 21 0635 3679 = 06591 05079 54048 ... 17806 99657 63777 =100= -0649K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M41b	7813	28-10	0644	Thu	LKDW LKDW LKDW DE PRAT PRAT K 737 100 28 0640 3122 = 05908 60710 50707 ... 88069 77258 76276 =100= - 0649 K CFM NIL QRU> K	CW + FSK 50/500	(AB-FIN)
M42	6941	1-10	0930	Fri	Russian diplo/intel.	MFSK-66	(AB)
M42	18408	2-10	1200	Sat	Russian intel.	OFDM-9	(T101)
M42	16345	4-10	1235	Mon	Russian intel.	OFDM-45	(AB)
M42	17420	5-10	0930	Tue	Russian diplo/intel.	MFSK-66	(AB)
M42	12207	6-10	0856	Wed	Russian diplo/intel.	OFDM-112	(AB)
M42	20893	6-10	1058	Wed	Russian diplo/intel.	MFSK-66	(AB)
M42	13464	6-10	1101	Wed	Russian diplo/intel. Modem problems	MFSK-66	(AB)
M42	14648	6-10	1120	Wed	Russian diplo/intel.	MFSK-66	(AB)
M42	17468	11-10	0900	Mon	Russian diplo/intel.	MFSK-66	(AB)
M42	13540	14-10	1335	Thu	Russian diplo/intel.	MFSK-66	(AB)
M42	8157	15-10	0700	Fri	Russian intel.	2x 62.5Bd QPSK	(AB)
M42	8157	15-10	0710	Fri	Russian intel.	2x 62.5Bd QPSK	(AB)
M42	8157	15-10	0720	Fri	Russian intel.	2x 62.5Bd QPSK	(AB)
M42	12164	15-10	0825	Fri	Russian intel.	2x 62.5Bd QPSK	(AB)
M42	8157	16-10	0700	Sat	Russian intel.	2x 62.5Bd QPSK	(AB)
M42	8157	16-10	0710	Sat	Russian intel.	2x 62.5Bd QPSK	(AB)
M42	8157	16-10	0720	Sat	Russian intel.	2x 62.5Bd QPSK	(AB)
M42	8157	17-10	0700	Sun	Russian intel.	2x 62.5Bd QPSK	(AB)
M42	8157	17-10	0710	Sun	Russian intel.	2x 62.5Bd QPSK	(AB)
M42	8157	17-10	0720	Sun	Russian intel.	2x 62.5Bd QPSK	(AB)

M42	8157	17-10	1500	Sun	Russian intel.	8x 62.5Bd QPSK/250Bd BPSK	(AB)
M42	14475	25-10	1200	Mon	Russian diplo/intel.	MFSK-66	(AB)
M42	6888	26-10	1450	Tue	Russian intel.	2x 62.5Bd QPSK	(AB)
M42	10240	28-10	1155	Thu	Russian intel.	MFSK-16 + 250Bd BPSK	(Anon)
M42	12189	28-10	1255	Thu	Russian intel.	MFSK-16 + 250Bd BPSK	(Anon)
M42b	7514	1-10	0644	Fri	PRAT PRAT PRAT DE LKDW LKDW K 125 100 1 0630 9384 = 73363 21221 95139 ... 98479 67926 14960 =100= -0650= CFM NIL K SK	CW + FSK 50/500	(AB-FIN)
M42b	5223	1-10	0818	Fri	BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated) Nothing else heard	CW	(AB-FIN)
M42b	10222	1-10	0914	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K 282 100 01 0900 7104 = 81836 28840 90162 ... 84371 84300 73491 =100= CFM NIL QRU? K	CW + FSK 50/500	(AB)
M42b	7813	2-10	0643	Sat	LKDW LKDW LKDW DE PRAT PRAT K 246 100 2 0635 2456 = 46190 20344 46020 ... 57862 43801 25439 =100= -0649K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	7514	2-10	0645	Sat	PRAT PRAT PRAT DE LKDW LKDW K 132 100 2 0638 9659 = 73254 13734 18175 ... 51337 22160 65886 =100= -0651= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	2-10	0759	Sat	VVV VVV VVV S5W8 S5W8 S5W8 DE MB2W MB2W K BK QSA3 QSA? K OK QSW 29533 K	CW	(AB)
M42b	5223	2-10	0812	Sat	VVV VVV VVV (repeated till 0826z) Nothing else heard	CW	(AB-FIN)
M42b	5741	2-10	0820	Sat	VVV MRLC MRLC MRLC DE BZTJ BZTJ K Nothing else heard	CW	(AB-FIN)
M42b	10222	2-10	0910	Sat	1PNR 1PNR 1PRN DE 283 100 02 0900 8522 = 81836 28840 90162 ... 84371 84300 73491 =100= NIL K	CW + FSK 50/1000	(AB)
M42b	7514	3-10	0643	Sun	PRAT PRAT PRAT DE LKDW LKDW K 138 100 3 0627 1266= 33720 49929 53828 ... 48096 99093 75331 =100= -0653= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	3-10	0759	Sun	5NT8 5NT8 5NT8 DE OJ8K OJ8K K BK BK QSA3 QSA? K OK QSW 52539 K	CW	(AB)
M42b	10222	3-10	0910	Sun	KO3W KO3W KO3W DE 4NRG 4NRG 284 100 3 0900 4719 = 81836 28840 90162 ... 84371 84300 73491 =100= CFM NIL QRU? K	CW + FSK 50/500	(AB)
M42b	7813	4-10	0644	Mon	LKDW LKDW LKDW DE PRAT PRAT K 003 110 4 0635 9681= 95293 97649 81193 ... 96945 05339 09778 -0648K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	7514	4-10	0645	Mon	PRAT PRAT PRAT DE K 144 100 4 0629 1059= 07407 72985 80682 ... 40802 72123 88189 =100= - 0650= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	4-10	0800	Mon	K9M1 K9M1 K9M1 DE WSE8 WSE8 K BK BK QSA3 QSA? K OK QSW 96035 K	CW	(AB)
M42b	5223	4-10	0820	Mon	BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated) QSA NO QSY 21427 QSY 21427 K BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)	CW	(AB-FIN)
M42b	10222	4-10	0913	Mon	VVV VVV 4KWS 4KWS 4KWS DE 9TKW 9TKW K 285 100 04 0900 7625 = 24043 30326 65549 ... 76740 73871 76381 =100= CFM NIL QRU? K	CW + FSK 50/500	(AB)
M42b	7514	5-10	0644	Tue	PRAT PRAT PRAT DE LKDW LKDW K 151 100 5 0630 8347= 04355 78299 17315 ... 79521 15375 84333 =100= -0650= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	7813	5-10	0647	Tue	247 105 5 0645 6813 = 22141 03066 14062 ... 76326 1539 29608 -0648 ZVP K BK QRV K R 151 0651 SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	5-10	0800	Tue	FP17 FP17 FP17 DE PR5N PR5N K QSA4 QSA? K OK AS 1 K QSW 75539 K	CW	(AB)
M42b	5741	5-10	0821	Tue	MRLC MRLC MRLC DE BZTJ BZTJ K Nothing else heard	CW	(AB-FIN)
M42b	10222	5-10	0910	Tue	KP4W KP4W KP4W DE GRT5 GRT5 K 511 100 05 0900 9052 = msg unreadable CFM NIL QRU? K	CW + FSK 50/500	(AB-POL)
M42b	7514	6-10	0644	Wed	PRAT PRAT PRAT DE LKDW LKDW K 160 100 6 0623 3523= 67421 64429 26577 ... 70716 76028 87456 =100= -0650= CFM NIL K	CW + FSK 50/500	(AB-FIN)
M42b	7813	6-10	0644	Wed	LKDW LKDW LKDW DE PRAT PRAT K 522 103 6 0640 2105 = 82402 52894 23165 ... 88024 07680 16036 -0648 K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)

M42b	5223	6-10	0821	Wed	BZTJ BZTJ BZTJ DE MRLC MRLC K BK BK BK QSA4 QSA? K	CW	(AB-FIN)
M42b	5741	6-10	0824	Wed	MRLC MRLC MRLC DE BZTJ BZTJ K (repeated) BZTJ (nothing else)	CW	(AB-FIN)
M42b	7514	7-10	0644	Thu	PRAT PRAT PRAT DE LKDW LKDW K QSA4 QRU? K 87899 04593 39295 ... 10072 19394 39509 =100= -0649= CFM NIL K	CW + FSK 50/500	(AB-FIN)
M42b	13922	7-10	0800	Thu	MG4O MG4O MG4O DE AE2N AE2N K OK QSW 54359 QSW 54359 K	CW	(AB)
M42b	5223	7-10	0820	Thu	BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated) QSA3 QSA? K BK BK BK BK BK QSA3 QSA? K	CW	(AB-FIN)
M42b	5741	7-10	0822	Thu	MRLC MRLC MRLC DE BZTJ BZTJ K (repeated) VVV QSY 67456 K	CW	(AB-FIN)
M42b	10222	7-10	0912	Thu	WK3P WK3P WK3P DE M2PN M2PN K 293 100 07 0900 8743 = 81836 28840 90162 ... 84371 84300 73491 =100= CFM NIL QRU? K	CW + FSK 50/500	(AB)
M42b	7514	8-10	0646	Fri	i.p. R 302 0647 K QTC1 ZCZ K 172 100 8 0639 2607= 33368 22051 45200 ... 52875 86091 89350 =100= -0650= NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	7813	8-10	0646	Fri	i.p. 489 96401 88888 ... 72462 64696 66323 -0648K CFM NIL QRU? k	CW + FSK 50/500	(AB-FIN)
M42b	13922	8-10	0759	Fri	KE9G KE9F KE9G DE 62XD 62XD K 248 100 08 0800 4362= 56941 82343 27210 ... 36073 15301 52896 =100= -0804 CFM QRU? K	CW + FSK 50/500	(AB)
M42b	5223	8-10	0812	Fri	VVV VVV VVV VVV VVV BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated) QSA NO QSY 29786 QSY 29786 K	CW	(AB-FIN)
M42b	5741	8-10	0825	Fri	MRLC MRLC MRLC DE BZTJ BZTJ K QSA3 QSA? K RPT K RPT K	CW	(AB-FIN)
M42b	10222	8-10	0907	Fri	VVV 3NRT 3NRT 3NRT DE GRP2 GRP2 K 294 100 08 0900 7623 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	7813	9-10	0644	Sat	LKDW LKDW LKDW DE PRAT PRAT K 145 100 9 0640 5438 = 84404 13667 19252 ... 31760 91586 37734 =100= -0651 K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	7514	9-10	0647	Sat	PRAT PRAT PRAT DE LKDW LKDW K 179 100 9 0632 6146= 35523 39600 79590 ... 48010 86772 94978 =100= -0652= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	9-10	0800	Sat	G1DE G1DE G1DE DE FA3C FA3C K OK QSW 03122 K	CW	(AB)
M42b	10222	9-10	0914	Sat	V BK BK QSA4 QSA? K 295 100 9 0900 5667 81836 28840 90162 ..._84_71 84300 73491 =100= CFM NIL QRU? K	CW + FSK 50/1000	(AB)
M42b	10252	10-10	0019	Sun	CFM K QSA4 QTC2 ZCZ K AS Switched to FSK 50/500 QSW 56300 K	CW + FSK 50/500	(JPL-J)
M42b	7813	10-10	0644	Sun	LKDW LKDW LKDW DE PRAT PRAT K 420 105 10 0635 5829 = 77023 92681 07400 ... 76064 07619 16754 -0649 K CFM NIL QRU? K K	CW + FSK 50/500	(AB-FIN)
M42b	13922	10-10	0800	Sun	MRHT MRHT MRHT DE 3AZB 3AZB K 250 100 10 0800 5743= 97627 27799 81690 ... 22706 24937 57780 =100= -0803 CFM QRU? K	CW + FSK 50/500	(AB)
M42b	7514	11-10	0645	Mon	PRAT PRAT PRAT DE LKDW LKDW K 194 100 11 0626 2253= 38497 75246 84968 ... 52543 52468 25469 =100= -0651= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	7813	11-10	0645	Mon	LKDW LKDW LKDW DE PRAT PRAT K 404 101 11 0640 2748 = 89307 36553 14773 ... 93489 02558 =100= 48766 - 0649 K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	13922	11-10	0758	Mon	VVVV KA9M KA9M KA9M DE GIBO OK QSW 62355 K	CW	(AB)
M42b	5741	11-10	0821	Mon	VVVV VVV MRLC MRLC MRLC DE BZTJ BZTJ K (repeated) Nothing else heard	CW	(AB-FIN)
M42b	10222	11-10	0912	Mon	4KWS 4KWS 4KWS DE 9TKW 297 100 11 0900 5119 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL K SK	CW + FSK 50/500	(AB)
M42b	13922	12-10	0800	Tue	4XN6 4XN6 4XN6 DE SD75 SD75 K (repeated) QSA3 QSA? K QRC1 ZCZ ZVP SLD K RYRYRYRYRYRYRY No message OK QSW 58510 K	CW	(AB)
M42b	10222	12-10	0911	Tue	KP4W KP4W KP4W DE GRT5 GRT5 K 298 100 12 0900 7634 = 81836 28840 90162 ... 84371 84300 73491 =100= CFM NIL QRU? K	CW + FSK 50/500	(AB-RUS)

M42b	7813	13-10	0644	Wed	LKDW LKDW LKDW DE PRAT PRAT K 150 105 13 0635 2583 = 18093 59825 62528 ... 16495 48084 01750 -0651K	CW + FSK 50/500	(AB-FIN)
M42b	7514	13-10	0645	Wed	PRAT PRAT PRAT DE LKDW LKDW K 208 100 13 0632 2371= 73120 07329 28100 ... 11123 76389 04230 =100= -0656= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	13-10	0757	Wed	VVV PVS7 PVS7 PVS7 DE DVY7 DVY7 K PVS7 PVS7 PVS7 QSA3 QSA? K OK QSW 75216 K	CW	(AB-RUS)
M42b	10222	13-10	0907	Wed	N1RK N1RK N1RK DE 3PRK 3PRK 299 100 13 0900 6584 = 81836 28840 90162 ... 84371 84300 73491 =100= CFM NIL QRU? K	CW +FSK 50/500	(AB)
M42b	7514	14-10	0646	Thu	PRAT PRAT PRAT DE LKDW LKDW K 215 100 14 0645 4782= 56321 52486 16859 ... 23510 07821 38271 =100= -0651= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	14-10	0800	Thu	CB6R CB6R CB6R DE VZE6 VZE6 K 245 100 14 0800 7654= 67589 04216 15969 ... 96659 88053 65218 =100= -0804K CFM QRU? K	CW + FSK 50/500	(AB)
M42b	5741	14-10	0822	Thu	MRLC MRLC MRLC DE BZTJ BZTJ K QSA3 QRU? K OK QRV K R 8940 824 K QTC2 ZTH QRV? K NW = 490 100 K NW = 491 30 K CFM NIL SK	CW	(AB-FIN)
M42b	5223	14-10	0823	Thu	BZTJ BZTJ BZTJ DE MRLC MRLC K QSA4 QSA? K QTC2 ZTH K QRV? K NW = 89 3100 K NW = 89 430 K CFM NIL QRU? K	CW	(AB-FIN)
M42b	10222	14-10	0910	Thu	WK3P WK3P WK3P DE M2PN M2PN K (repeated)	CW + FSK 50/500	(AB)
M42b	7514	15-10	0646	Fri	PRAT PRAT PRAT DE LKDW LKDW K 222 100 15 0627 4392= 94246 75937 15748 ... 98520 47574 14881 =100= -0652= CFM NIL K SK	CW + FSK 50/500	(AB-FIN)
M42b	7813	15-10	0646	Fri	LKDW LKDW LKDW DE PRAT PRAT K 148 100 15 0640 9519 = 04015 91235 05941 ... 98811 34741 82856 =100= -0650 CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	13922	15-10	0759	Fri	MYaV5 MYaV5 MYaV5 DE 1ELM 1ELM K BK BK QSA3 QSA? K QTC1 ZTC ZVP SLD K RYRYRY RYRYRY RY- RYRY RYRYRY	CW + FSK 50/500	(AB)
M42b	5223	15-10	0819	Fri	BZTJ BZTJ BZTJ DE MRLC MRLC K QSA4 QSA? K QTC1 ZTH K NW = 899 100 K NW 602 030 K R 397 0828 K SK	CW	(AB-FIN)
M42b	5741	15-10	0822	Fri	i.p. 7 30 K CFM NIL K SK	CW	(AB-FIN)
M42b	10222	15-10	0907	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K 302 100 15 0900 7166= 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL QRU? K SLD K BK BK QRV K RK	CW + FSK 50/500	(AB)
M42b	7514	16-10	0645	Sat	PRAT PRAT PRAT DE LKDW LKDW K 001 100 16 0641 3544= 24874 52133 65934 ... 64532 38169 36759 =100= -0651= CFM NIL SK (wrong shift)	CW + FSK 50/200	(AB-FIN)
M42b	7813	16-10	0647	Sat	i.p. 51568 ... 33369 21086 02127 =100= -0649K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	13922	16-10	0801	Sat	i.p. RYRYRY 256 100 16 0800 7656= OK QSW 32798 K QSW 32798 K	CW + FSK 200/500	(AB)
M42b	7813	17-10	0644	Sun	LKDW LKDW LKDW DE PRAT PRAT K 305 105 17 0635 2584 = 70425 49316 66964 ... 22861 73970 43971 -0655K CFM NIL K SK	CW + FSK 50/500	(AB-FIN)
M42b	7514	17-10	0645	Sun	PRAT PRAT PRAT DE LKDW LKDW K 002 100 17 0647 2097= 00546 67162 20189 ... 30682 03960 39892 =100= -0651= CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	10222	17-10	0917	Sun	3WKO 3WKO 3WKO DE 4NRG 4NRG K 305 100 17 0900 8519 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL QRU? K	CW + FSK 50/500	(AB)
M42b	7813	18-10	0644	Mon	VVV LKDW LKDW LKDW DE PRAT PRAT K 602 105 18 0640 6319= 70050 84331 59102 ... 74504 39438 34031 -0650 CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	7514	18-10	0645	Mon	PRAT PRAT PRAT DE LKDW LKDW K 003 100 18 0641 1751= 71065 31801 94842 ... 07907 38796 24982 =100= -0652= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	18-10	0758	Mon	VVVV KA9M KA9M KA9M DE GIBO OK QSW 62355 K 258 100 18 0800 5745= 97063 82290 73606 ... 60024 60961 96590 =100= -0803 OK QSW 60868 K	CW	(AB)

M42b	5741	18-10	0828	Mon	MRLC MRLC MRLC DE BZTJ BZTJ K (repeated) Nothing else heard	CW	(AB-FIN)
M42b	5223	18-10	0829	Mon	BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated) QSA NO QSY 21412 QSY 12412 K VVV VVV BZTJ BZTJ BZTJ DE MRLC MRLC K	CW	(AB-FIN)
M42b	10222	18-10	0910	Mon	4KWS 4KWS 4KWS DE 9TKW 9TKW K 306 100 18 0900 7668 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL QRU? K	CW + FSK 50/500	(AB)
M42b	7813	19-10	0644	Tue	LKDW LKDW LKDW DE PRAT PRAT K 322 100 19 0640 1423 = 44757 43318 43672 ... 51394 47872 47864 =100= -0650 K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	7514	19-10	0645	Tue	PRAT PRAT PRAT DE LKDW LKDW K 004 100 19 0650 4737= 76594 43870 03410 ... 22059 58388 06607 =100= -0652= CFM NIL K SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	19-10	0800	Tue	IC8U IC8U IC8U DE K9VE K9VE K BK BK QSA3 QSA? K QTC1 ZZC ZVP SLD K OK QSW 31034 QSW 31034 K	CW	(AB)
M42b	10222	19-10	0911	Tue	KP4W KP4W KP4W DE GRT5 GRT5 K 307 100 19 0900 7691 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL K SK	CW + FSK 50/500	(AB-RUS)
M42b	7514	20-10	0644	Wed	VVV VVV VVV PRAT PRAT PRAT DE LKDW LKDW K 005 100 20 0635 4202= 68901 90840 25715 ... 96207 52646 73015 =100= -0647= CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	7813	20-10	0644	Wed	VVV VVV VVV LKDW LKDW LKDW DE PRAT PRAT K 404 100 20 0635 2958 = 26586 79042 74145 ... 90255 34376 02382 =100= -0651K CFM NIL K SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	20-10	0802	Wed	VVV XJ11 XJ11 XJ11 DE P39K XJ11 XJ11 XJ11 DE 2YaNH 2YaNH K 6J11 6J11 6J11 DE 2YaNH 2YaNH K BK BK QSA3 QSA? K	CW	(AB)
M42b	5741	20-10	0824	Wed	VVV MRLC MRLC MRLC DE BZTJ BZTJ K (repeated) Nothing else heard	CW	(AB-FIN)
M42b	5223	20-10	0830	Wed	BZTJ BZTJ BZTJ DE MRLC MRLC K Nothing else heard	CW	(AB-FIN)
M42b	10222	20-10	0911	Wed	VV N1RK N1RK N1RK DE 3PRK 3PRK K 308 100 20 0900 8763 = 91892 40783 14341 ... 46394 37461 47184 =100= CFM NIL K SK	CW +FSK 50/500	(AB-FIN)
M42b	7514	21-10	0645	Thu	PRAT PRAT PRAT DE LKDW LKDW K 006 100 21 0643 4327= 52148 01979 73933 ... 44773 29411 49012 =100= -0651= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	21-10	0800	Thu	1EZP 1EZP 1EZP DE YH4Z YH4Z K QSA4 QSA? K BK OK QSW 93824 QSW 93824 K	CW + FSK 50/500	(AB)
M42b	5223	21-10	0823	Thu	BZTJ BZTJ BZTJ DE MRLC MRLC K QSA4 QSA? K QTC2 ZTH QRV? K NW = 9890 NW = 9903 K QRV K BK R 530 0828 K NIL SK	CW	(AB-FIN)
M42b	5741	21-10	0823	Thu	VVV MRLC MRLC MRLC DE BZTJ BZTJ K (repeated) QSA4 QRU? K OK QRV K R 989 0825 K QTC2 ZTH QRV K R 990 0826 K NW = 439 30 K CFM NIL SK	CW	(AB-FIN)
M42b	7514	22-10	0644	Fri	PRAT PRAT PRAT DE LKDW LKDW K 007 100 22 0643 8535= 85797 67794 51995 ...0 09299 32335 52263 =100= -0653= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	7813	22-10	0644	Fri	LKDW LKDW LKDW DE PRAT PRAT K 230 105 22 0635 2584 = 72969 01411 30986 ... 58957 79107 54782 -0648K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	13922	22-10	0801	Fri	2B8Y 2B8Y 2B8Y DE A3PJ A3PJ K RPT K OK QSW 30803 K	CW + FSK 50/500	(AB)
M42b	5223	22-10	0819	Fri	VVV BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated) QSY 29787 QSY 29787 K BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated)	CW	(AB-FIN)
M42b	10222	22-10	0911	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K 3140 100 22 0900 8732 = 81836 28840 90162 ... 84300 73491 =100= CFM NIL QRU? K	CW + FSK 50/500	(AB)
M42b	7813	23-10	0644	Sat	LKDW LKDW LKDW DE PRAT PRAT K 335 105 23 0645 9162 = 76556 07953 38336 ... 82837 24090 42820 -0649 CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	7514	23-10	0645	Sat	PRAT PRAT PRAT DE LKDW LKDW K 009 100 23 0642 7614= 44713 13756 02470 ... 95808 32077 43448 =100= -0650= CFM NIL K SK	CW + FSK 50/200	(AB-FIN)

M42b	13922	23-10	0800	Sat	WX2A WX2A WX2A DE SX65 SX65 K QSA3 QSA? K BK QSA3 QSA? K WX2A WX2A WX2A DE SX65 SX65 K QSA3 QSA? K QSW 300 OK QSW 72051 QSW 72051 K	CW	(AB)
M42b	5223	23-10	0828	Sat	BZTJ BZTJ BZTJ DE MRLC MRLC K (repeated) QSY 75338 QSY 75428 K	CW	(AB-FIN)
M42b	10222	23-10	0917	Sat	i.p. QRV K R 316 0920 K NIL SK	CW	(AB)
M42b	7514	24-10	0644	Sun	PRAT PRAT PRAT DE LKDW LKDW K 010 100 24 0632 2738= 53469 90847 49785 ... 17384 01633 97906 =100= -0650= CFM NIL K SK SK	CW + FSK 50/500	(AB-FIN)
M42b	7813	24-10	0644	Sun	LKDW LKDW LKDW DE PRAT PRAT K 2842 100 24 0620 1965= 63606 98112 94310 ... 20744 02472 35772 =100= -0648K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	13922	24-10	0800	Sun	S5W8 S5W8 S5W8 DE MB8W MB8W K QSA4 QSA? K OK QSW 82891 K	CW	(AB)
M42b	12155	25-10	0633	Mon	11100 30109 85249 25182 01009 = CFM NIL SK	CW	(F5JBR)
M42b	12091	25-10	1230	Mon	i.p. 97247 36836 02847 =100= -1233 K CFM NIL QRU? K ZVP K BK QRV K K	CW + FSK 50/500	(AB)
M42b	7813	26-10	0643	Tue	LKDW LKDW LKDW DE PRAT PRAT K 580 100 26 0630 4291 = 28587 35826 56983 ... 25745 31238 75020 =100= -0651K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	7514	26-10	0647	Tue	PRAT PRAT PRAT DE LKDW LKDW K 012 100 26 0646 2964= 01468 15000 45116 ... 52100 91144 57745 =100= -0653= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	10222	26-10	0909	Tue	VV BK BK M QSA4 QSA? K QTC1 ZCZ K 318 100 26 0900 7421 = 81836 28840 90162 ... 84371 84300 73491 =100= CFM NIL QRU? K	CW + FSK 50/500	(AB-RUS)
M42b	7813	27-10	0643	Wed	LKDW LKDW LKDW DE PRAT PRAT K 407 105 27 0640 6971= 99145 88524 58811 ... 45811 52390 07864 -0649 CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	7514	27-10	0644	Wed	PRAT PRAT PRAT DE LKDW LKDW K 013 100 27 0641 6994= 39232 23654 98429 ...2 46690 28498 62179 =100= -0651= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	7514	28-10	0644	Thu	PRAT PRAT PRAT DE LKDW LKDW K 014 100 28 0628 6587= 92065 41805 76724 ... 74386 86162 05934 =100= -0650= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	13922	28-10	0759	Thu	X46B X46B X46B DE 3LSG 3LSG K QSA4 QSA? K OK QSW 85847 K	CW	(AB)
M42b	10222	28-10	0911	Thu	3PWK 3PWK 3PWK DE M2PN M2PN K 320 100 28 0830 4757 = 24043 30326 65549 47935 ... 76740 73871 76381 =100= CFM NIL QRU? K	CW + FSK 50/500	(AB)
M42b	13922	29-10	0801	Fri	M4YaO M4YaO M4YaO DE FB9N FB9N K QSA3 QSA? K BK OK QSW 92409 QSW 92409 K OK QSW 92409 K	CW	(AB)
M42b	10222	29-10	0910	Fri	3NRT 3NRT 3NRT DE GRP2 GRP2 K 321 100 29 0830 5409 = 24043 30326 65549 ... 76740 73871 76381 =100= RK CFM NIL QRU? K	CW + FSK 50/500	(AB)
M42b	7514	30-10	0643	Sat	PRAT PRAT PRAT DE LKDW LKDW K 016 100 30 0643 6821= 63686 56637 91183 ... 97011 91829 41244 =100= -0651=K CFM NIL SK	CW + FSK 50/200	(AB-FIN)
M42b	7813	30-10	0643	Sat	LKDW LKDW LKDW DE PRAT PRAT K 890 100 30 0630 8329 = 01006 63918 20926 ... 88052 98823 52405 =100= -0650 K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	13922	30-10	0800	Sat	K3AG K3AG K3AG DE 6P7D 6P7D K OK QSW 76837 K	CW	(AB)
M42b	10222	30-10	0910	Sat	1PNR 1PNR 1PNR DE NM5K NM5K K 322 100 30 900 3901 = 56190 51956 78312 ... 12345 09876 5432 (stopped) CFM NIL K SK SK	CW	(AB)
M42b	7813	31-10	0643	Sun	LKDW LKDW LKDW DE PRAT PRAT K 622 100 31 0640 4391 = 86727 65236 99449 ... 06109 64776 80638 =100= -0649 K CFM NIL QRU? K	CW + FSK 50/500	(AB-FIN)
M42b	7514	31-10	0644	Sun	BK BK PRAT PRAT PRAT DE LKDW LKDW K 017 100 31 0647 55204= 04612 75903 44415 ... 30677 81326 10702 =100= -0650= CFM NIL SK	CW + FSK 50/500	(AB-FIN)
M42b	10222	31-10	0910	Sun	KO3W KO3W KO3W DE 4NRG 4NRG K (repeated) Nothing else	CW	(AB)

M42b C	10222	6-10	0911	Wed	No callup QTC1 ZCZ K 292 100 6 0900 7711 = 81836 28840 90162 ... 84371 84300 73491 =100= CFM NIL QRU? K	W +FSK 50/500	(AB)
M51b	3881	20-10	1644	Wed	Non-stop 5-character groups composed of M51a messages //6825 kHz	CW	(AB)
M51b	6825	20-10	1644	Wed	Non-stop 5-character groups composed of M51a messages //3881 kHz	CW	(AB)
M89	4043	7-10	1419	Thu	V IW6S (x3) DE 5D6T(x2)	CW	(JPL)
M89	3565	7-10	1420	Thu	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	7-10	1420	Thu	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	3174	7-10	1911	Thu	i.p. 3N3T N7ND 35NA N5AD 5NDA ...	CW	(JPL)
M89	3800	7-10	1916	Thu	i.p. VV BGH DE OKB QSA ? K (Unsure of 1st callsign - letters run together)	CW	(JPL)
M89	3850	7-10	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4620, 4860, 5640, 6320, 6840	CW	(JPL)
M89	4620	7-10	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //3850, 4860, 5640, 6320, 6840	CW	(JPL)
M89	4860	7-10	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //3850, 4620, 5640, 6320, 6840	CW	(JPL)
M89	5640	7-10	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //3850, 4620, 4860, 6320, 6840	CW	(JPL)
M89	6320	7-10	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //3850, 4620, 4860, 5640, 6840	CW	(JPL)
M89	6840	7-10	1920	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //3850, 4620, 4860, 5640, 6320	CW	(JPL)
M89	3565	7-10	1930	Thu	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	7-10	1930	Thu	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	4720	7-10	1930	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	7-10	1930	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	4043	7-10	1932	Thu	V IW6S (x3) DE 5D6T(x2)	CW	(JPL)
M89	8877	7-10	1936	Thu	i.p. R IEC BT 4726 AR K R HR M.. 080 K R U MSG GA K	CW	(JPL)
M89	3777	9-10	1259	Sat	i.p. 3563 75UD ...	CW	(JPL)
M89	4043	9-10	1303	Sat	V IW6S (x3) DE 5D6T(x2)	CW	(JPL)
M89	3160	9-10	1404	Sat	i.p. 4UD6 6D43 NT34 ...	CW	(JPL)
M89	4238	9-10	1404	Sat	i.p. NA5A 6736 774A N5D6 6T7T ...	CW	(JPL)
M89	3565	9-10	1408	Sat	V BSA5 (x3) DE TP4C (x2)	CW	(JPL)
M89	4718	9-10	1408	Sat	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	3187	9-10	1412	Sat	i.p. 4W D336 TU R 444A5 5U5TA 5TATT 75544 ...	CW	(JPL)
M89	3752	9-10	1424	Sat	i.p. QSL ? K R A 7G GA K	CW	(JPL)
M89	4720	9-10	1430	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	9-10	1430	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	5565	9-10	1437	Sat	i.p. A75N 67TD N5T5 36DU NTD5 U4AU DA36 ADUA U63D ...	CW	(JPL)
M89	6543	9-10	1440	Sat	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	8777.2	10-10	0036	Sun	i.p. VVV NR 3406/EX 0842 = VLB7/W4YIII VVV NR 3406/EX 0842 =	CW	(JPL)
M89	7013	10-10	0049	Sun	i.p. 7A5T 7TU3 ...	CW	(JPL)
M89	6140	10-10	0058	Sun	V IW6S (x3) DE 5D6T(x2)	CW	(JPL)
M89	4860	10-10	1020	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) 5640, 6320, 6840, 8290, 8360, 10640	CW	(JPL)
M89	5640	10-10	1020	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) 4860, 6320, 6840, 8290, 8360, 10640	CW	(JPL)
M89	6320	10-10	1020	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) 4860, 5640, 6840, 8290, 8360, 10640	CW	(JPL)
M89	6840	10-10	1020	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) 4860, 5640, 6320, 8290, 8360, 10640	CW	(JPL)
M89	8290	10-10	1020	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) 4860, 5640, 6320, 6840, 8360, 10640	CW	(JPL)
M89	8360	10-10	1020	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) 4860, 5640, 6320, 6840, 8290, 10640	CW	(JPL)

M89	10640	10-10	1020	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) 4860, 5640, 6320, 6840, 8290, 8360	CW	(JPL)
M89	7620	10-10	1030	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	10-10	1030	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //6320	CW	(JPL)
M89	7847	10-10	1046	Sun	V OST7 (x3) DE EDB8(x2)	CW	(JPL)
M89	3565	10-10	1053	Sun	V BSA5 (x3) DE TP4C (x2) //4718, 6378, 7045	CW	(JPL)
M89	4718	10-10	1053	Sun	V BSA5 (x3) DE TP4C (x2) //3565, 6378, 7045	CW	(JPL)
M89	6378	10-10	1053	Sun	V BSA5 (x3) DE TP4C (x2) //3565, 4718, 7045	CW	(JPL)
M89	7045	10-10	1053	Sun	V BSA5 (x3) DE TP4C (x2) //3565, 4718, 6378	CW	(JPL)
M89	7962	10-10	1107	Sun	i.p. = OPR6/AUT3 AR QSY TO 25 QSY TO 25 VV	CW	(JPL)
M89	8436	10-10	1108	Sun	i.p. AQR8 UFO2/ZTH1 AR F NR 005/EX 1912 = F NR 005/EX 1912 = UFO2/ZTH1 AR	CW	(JPL)
M89	4043	10-10	1153	Sun	V IW6S (x3) DE 5D6T(x2)	CW	(JPL)
M89	4321	10-10	1154	Sun	i.p. DB4A TA7T 7UDA NTNA N457 D45A 6U4U ...	CW	(JPL)
M89	3565	21-10	1202	Thu	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	21-10	1202	Thu	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	6543	21-10	1202	Thu	V 8RVF (x3) DE CV4K (x2) i.p. VV FFF NR 381/EX 2000 = AJ. /C3D4 AR NR 381/EX 20 =	CW	(JPL)
M89	6543	22-10	1110	Fri	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	4718	22-10	1111	Fri	V BSA5 (x3) DE TP4C (x2) //6378, 7045	CW	(JPL)
M89	6378	22-10	1111	Fri	V BSA5 (x3) DE TP4C (x2) //4718, 7045	CW	(JPL)
M89	7045	22-10	1111	Fri	V BSA5 (x3) DE TP4C (x2) //4718, 6378	CW	(JPL)
M89	4720	22-10	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	5150	22-10	1130	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	3850	22-10	2220	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 5640, 6320, 6840	CW	(JPL)
M89	4620	22-10	2220	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 5640, 6320, 6840	CW	(JPL)
M89	5640	22-10	2220	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 6320, 6840	CW	(JPL)
M89	6320	22-10	2220	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 5640, 6840	CW	(JPL)
M89	6840	22-10	2220	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 5640, 6320	CW	(JPL)
M89	7045	24-10	0026	Sun	V BSA5 (x3) DE TP4C (x2)	CW	(JPL)
M89	6543	24-10	0031	Sun	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	3035	31-10	1342	Sun	i.p. NT55 III ... 45DA U4AU 7U76 UUT3 ...	CW	(JPL)
M89	3565	31-10	1342	Sun	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	3879	31-10	1342	Sun	i.p. U5TN TU5D 5ANT 7N4A ...	CW	(JPL)
M89	4718	31-10	1342	Sun	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	5522	31-10	1406	Sun	i.p. D745 5753 6UND 6UD7 653T 4AD6 ... AR QSL ? K	CW	(JPL)
M89	5555	31-10	1411	Sun	i.p. D44U T5D5 4635 5U3A T65T 6743 A335 ...	CW	(JPL)
M89	5779	31-10	1413	Sun	i.p. R OK K = = AU3T 545T 5DTN 37U3 5NTA 7TU4 ... AR R QSL 2215 K R SK SK SK SK	CW	(JPL)
M89	3850	31-10	1420	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4620, 5640, 6320, 6840	CW	(JPL)
M89	4620	31-10	1420	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 5640, 6320, 6840	CW	(JPL)
M89	5640	31-10	1420	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 6320, 6840	CW	(JPL)
M89	6320	31-10	1420	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 5640, 6840	CW	(JPL)
M89	6840	31-10	1420	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //3850, 4620, 5640, 6320	CW	(JPL)
M95	3968	7-10	1410	Thu	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	7-10	1410	Thu	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)

M95	3955	9-10	1300	Sat	i.p. R MSG NR 78/CCK CK 41 49 1009 2040 RMKS 51.3 TO 6403 = 6ATU .A7 AT4D 65U4 53UA U4A. ...	CW	(JPL)
M95	3968	9-10	1442	Sat	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	9-10	1442	Sat	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	6558	10-10	0051	Sun	i.p. NR QSL 08.. K .. QSL 085. K OK RPT PBL K 0/CCK CK 19 09 1010 0818 RMKS 8937 TO 8.48 K	CW	(JPL)
M95	8777	10-10	0104	Sun	i.p. 44DU UA37 4TU6 UU74 TTTN 3D3T ... AR VVV NR 3407/CCK CK 73 24 1010 0900 RMKS CQ =	CW	(JPL)
M95	5479	10-10	1057	Sun	V YHDX (x3) DE SAQC (x2) VVV HR 7G GA NR 024/CCK CK 199 1110 1019 RMKS CQ = ... //10722	CW	(JPL)
M95	10722	10-10	1057	Sun	V YHDX (x3) DE SAQC (x2) VVV HR 7G GA NR 024/CCK CK 199 1110 1019 RMKS CQ = ... //5479	CW	(JPL)
M95	7764	10-10	1102	Sun	i.p. DFG4 FF NR 003/EX 1906 = QBZ9/AKR5 AR F NR 003/EX 1906 = QBZ9/AKR5 AR	CW	(JPL)
M95	8690	10-10	1115	Sun	i.p. R TKF2 TKF2 DE ADWF R QSA 2 QSA ? K R IEC = 6658 AR K (Exercise related)	CW	(JPL)
M95	4364	10-10	1148	Sun	V BNGC (x3) DE XSV85 (x2) HR 7GS GA PSE CY NR 0853 CK 594 35 1010 16UD = //8073	CW	(JPL)
M95	8073	10-10	1148	Sun	V BNGC (x3) DE XSV85 (x2) HR 7GS GA PSE CY NR 0853 CK 594 35 1010 16UD = //4364	CW	(JPL)
M95	4243	10-10	1156	Sun	i.p. AR MSG AGN NR 022 CK 50 35 1010 1521 = 5AA UTT TAT 3U6 3A4 5T7 5TD 75U 354 N3D 353 ... //9054	CW	(JPL)
M95	7980	10-10	1205	Sun	i.p. RMKS 4482 TO 0320 0072 9.33 9898 9532 8791 = 37MSU T7N= DED7 36UT A4D4 UDE74 (ContEd)	CW	(JPL)
M95	3968	20-10	1716	Wed	V YHDX (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	20-10	1716	Wed	V YHDX (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	4364	21-10	1141	Thu	V BNGC DE XSV85 HR MSGS GA PSE CY NR 0..5 CK 315 35 1021 1619 = //8073	CW	(JPL)
M95	8073	21-10	1141	Thu	V BNGC DE XSV85 HR MSGS GA PSE CY NR 0..5 CK 315 35 1021 1619 = //4364	CW	(JPL)
M95	4243	21-10	1152	Thu	V HR MSG TO YR PSE CY NR 044 CK 38 35 1021 1523 =	CW	(JPL)
M95	5479	22-10	1106	Fri	V YHDX (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	22-10	1106	Fri	V YHDX (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4364	22-10	1142	Fri	V BNGC (x3) DE XSV85 (x2) HR 7GS GA PSE CY NR 0910 CK 345 35 1022 1553 = //8073	CW	(JPL)
M95	8073	22-10	1142	Fri	V BNGC (x3) DE XSV85 (x2) HR 7GS GA PSE CY NR 0910 CK 345 35 1022 1553 = //4364	CW	(JPL)
M95	4243	22-10	1153	Fri	VV HR MSG TO YR PSE CY NR 05 CK 25 48 1021 2000 = DD6 ADT 77T 3A5..	CW	(JPL)
M95	4364	24-10	0014	Sun	XSV85 i.p. 4D6 TU7 755 TUN 773 354 373 4UT NN3 445 AR A HR 7G GA ...	CW	(JPL)
M95	8073	24-10	0014	Sun	XSV85 i.p. 4D6 TU7 755 TUN 773 354 373 4UT NN3 445 AR A HR 7G GA ...	CW	(JPL)
M95	9054	30-10	2352	Sat	VV HR MSG TO YR PSE CY UT5 T3A 3U4 3A4 TTA TTU TT3 773 353 U4T ...	CW	(JPL)
MX	7508.7	4-10	0558	Mon	Beacon D, Sevastopol	CW	(AB)
MX	7508.9	4-10	0558	Mon	Beacon S, Sevoromorsk	CW	(AB)
MX	7588.8	4-10	0558	Mon	Beacon P, Kaliningrad (usually on 7508.8 kHz)	CW	(AB)
MX	20047.7	7-10	0951	Thu	Beacon D, Sevastopol	CW	(AB)
MX	20047.9	7-10	0951	Thu	Beacon S, Sevoromorsk	CW	(AB)
MX	20048.1	7-10	0951	Thu	Beacon A, Astrakhan	CW	(AB)
MX	13527.7	16-10	1128	Sat	Beacon D, Sevastopol	CW	(MPJ)
MX	13528	16-10	1128	Sat	Beacon C, Moscow	CW	(MPJ)
MX	8497.8	26-10	1502	Tue	Beacon L, St Petersburg	CW	(AB)
P03e	14972	1-10	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	1-10	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	3-10	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	3-10	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5344	3-10	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)

P03e	5344	3-10	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	4-10	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	4-10	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	5-10	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	5-10	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	6-10	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	6-10	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	8-10	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	8-10	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ/RL-HOL)
P03e	14972	10-10	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	14972	10-10	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	5344	10-10	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	10-10	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	11-10	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	11-10	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	12-10	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5344	12-10	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	13911	13-10	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	13-10	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	15-10	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	15-10	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	17-10	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	17-10	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5344	17-10	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	17-10	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	18-10	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	18-10	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5344	19-10	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	19-10	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	20-10	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	20-10	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	22-10	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	14972	22-10	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	14972	24-10	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	24-10	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5344	24-10	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5344	24-10	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13911	25-10	0530	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	13911	25-10	0535	Mon	Polish intel.	QPSK 100Bd/488bp	(AB-POL)
P03e	5344	26-10	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5344	26-10	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	13911	27-10	0530	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)

P03e	13911	27-10	0535	Wed	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14972	29-10	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	29-10	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	31-10	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14972	31-10	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5344	31-10	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5344	31-10	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03f	9339	1-10	0843	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	1-10	0848	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	5-10	0843	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	5-10	0848	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	8-10	0843	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	8-10	0848	Fri	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	12-10	0843	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	9339	12-10	0848	Tue	Polish intel.	QPSK 200Bd/496bp	(AB)
P03g	7840	5-10	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	5-10	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	7840	7-10	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	7-10	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	12-10	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	12-10	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	14-10	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	14-10	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	19-10	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	19-10	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	21-10	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	21-10	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	26-10	1800	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	26-10	1805	Tue	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	28-10	1800	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03g	7840	28-10	1805	Thu	Polish intel.	BPSK 50Bd/464bp	(AB/MPJ)
P03k	9200	1-10	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	1-10	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	1-10	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	1-10	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7600	2-10	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	2-10	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	2-10	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	2-10	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9200	3-10	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	9200	3-10	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	7600	3-10	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	7600	3-10	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	3-10	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	3-10	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	3-10	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	3-10	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	4-10	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	4-10	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	6-10	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	6-10	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9200	8-10	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	8-10	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	8-10	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	8-10	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	9-10	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	9-10	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	9-10	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	9-10	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	10-10	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	10-10	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	10-10	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	10-10	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	11-10	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	11-10	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	13-10	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	13-10	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	15-10	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	15-10	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	15-10	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	15-10	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	16-10	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14865	16-10	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	9200	17-10	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	17-10	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	17-10	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	17-10	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	17-10	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	17-10	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	18-10	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	18-10	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	20-10	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	20-10	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	22-10	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	9200	22-10	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	22-10	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	22-10	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7600	23-10	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	23-10	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	23-10	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	14865	23-10	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	9200	24-10	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	24-10	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	24-10	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	24-10	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	24-10	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	24-10	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	25-10	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	25-10	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	27-10	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	27-10	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9200	29-10	0530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	29-10	0535	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10302	29-10	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	29-10	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7600	30-10	0630	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	30-10	0635	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14865	30-10	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14865	30-10	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9200	31-10	0530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9200	31-10	0535	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	31-10	0630	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7600	31-10	0635	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	31-10	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	31-10	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	31-10	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10302	31-10	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03I	7984	6-10	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(PY)
P03I	7984	6-10	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(PY)
P03I	7984	7-10	1345	Thu	Polish intel.	QPSK 100Bd/464bp	(PY)
P03I	7984	7-10	1350	Thu	Polish intel.	QPSK 100Bd/464bp	(PY)
P03I	7984	8-10	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	8-10	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	13-10	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	13-10	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	14-10	1345	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	7984	14-10	1350	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	15-10	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	15-10	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	20-10	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	20-10	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	21-10	1345	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	21-10	1350	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7984	22-10	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	22-10	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	27-10	1345	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	27-10	1350	Wed	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	29-10	1345	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7984	29-10	1350	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
Q26	4364	10-10	1135	Sun	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	10-10	1135	Sun	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	21-10	1150	Thu	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	22-10	1132	Fri	XSV85: message //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	22-10	1132	Fri	XSV85: message //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	22-10	1147	Fri	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	30-10	2344	Sat	Messages	4+4 QPSK 75/3000 LSB	(JPL)
RAv	5803	5-10	1213	Tue	Russian Tu-95 Bear net: 84517 to Tablica: 187 384 295 365 195 037	USB	(Gwr)
RMv	5045	1-10	1411	Fri	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 6586. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	4-10	1415	Mon	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2879. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	5-10	1413	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4832. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	6-10	1411	Wed	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 1523. 16 chasov 15 minut konec svyazi	USB	(AB-FIN)
RMv	5220	7-10	0830	Thu	Russian military tests, 10-counts	USB	(AB)
RMv	5045	7-10	1413	Thu	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3454. 16 chasov 15 minut konec svyazi	USB	(AB-FIN)
RMv	5045	11-10	1413	Mon	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2167. 16 chasov 14 minut konec svyazi	USB	(AB-POL/Gwr)
RMv	5045	12-10	1413	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3159. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	13-10	1411	Wed	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 5543. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	14-10	1411	Thu	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9847. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	18-10	1413	Mon	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 9673. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	19-10	1412	Tue	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 8752. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	20-10	1412	Wed	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 6593. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	21-10	1412	Thu	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 1729. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	22-10	1410	Fri	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4124. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	25-10	1411	Mon	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 5347. 16 chasov 14 minut konec svyazi	USB	(AB-POL)
RMv	5045	26-10	1411	Tue	Tehnichaskaya proverka svyazi, peredayu eshche dlya nastrojki, 12345678910. Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7582. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	27-10	1413	Wed	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 8382. 16 chasov 15 minut konec svyazi	USB	(AB-POL)
RMv	5045	28-10	1412	Thu	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 7257. 16 chasov 14 minut konec svyazi	USB	(AB-POL/Gwr)
RMv	5045	29-10	1410	Fri	Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 1549. 16 chasov 14 minut konec svyazi	USB	(AB-POL)

S06	20312	1-10	0830	Fri	842 165 37 34945 44525 86956 ... 26725 61714 34818 165 37 00000	USB	(PY)
S06	16237	1-10	0930	Fri	842 165 37 34945 44525 86956 ... 26725 61714 34818 165 37 00000	USB	(PY)
S06	9056	1-10	2000	Fri	768 768 768 00000	USB	(AB/HFD)
S06	6825	1-10	2100	Fri	768 768 768 00000	USB	(AB)
S06	8043	6-10	1615	Wed	409 863 51 19002 60242 04492 ... 77314 43410 94369 863 51 00000	USB	(AB)
S06	20312	7-10	0830	Thu	842 970 38 66832 22030 43822 ... 35249 42381 73629 970 38 00000	USB	(PY/HFD)
S06	16237	7-10	0930	Thu	842 970 38 66832 22030 43822 ... 35249 42381 73629 970 38 00000	USB	(PY/HFD)
S06	20312	8-10	0830	Fri	842 970 38 66832 22030 43822 ... 35249 42381 73629 970 38 00000	USB	(PY)
S06	16237	8-10	0930	Fri	842 970 38 66832 22030 43822 ... 35249 42381 73629 970 38 00000	USB	(PY)
S06	20312	14-10	0830	Thu	842 156 39 98425 73566 90597 ... 74565 94244 03941 156 39 00000	USB	(AB-J/PY)
S06	16237	14-10	0930	Thu	842 156 39 98425 73566 90597 ... 74565 94244 03941 156 39 00000	USB	(AB-J/PY)
S06	20312	15-10	0830	Fri	842 156 39 98425 73566 90597 ... 74565 94244 03941 156 39 00000	USB	(PY)
S06	16237	15-10	0930	Fri	842 156 39 98425 73566 90597 ... 74565 94244 03941 156 39 00000	USB	(PY)
S06	9056	15-10	2000	Fri	768 768 768 00000	USB	(AB)
S06	6825	15-10	2100	Fri	768 768 768 00000	USB	(AB)
S06	13396	16-10	0830	Sat	Caught at the very ending	USB	(Subilo)
S06	11616	21-10	0400	Thu	480 376 52 26104 94196 75047 ... 25785 12394 48708 376 52 000000	USB	(AB-J)
S06	9322	21-10	0420	Thu	480 376 52 26104 94196 75047 ... 25785 12394 48708 376 52 000000	USB	(AB-J)
S06	20312	21-10	0830	Thu	842 937 40 94505 97424 56927 ... 36379 76853 21108 937 40 00000	USB	(AB-RUS)
S06	16237	21-10	0930	Thu	842 937 40 94505 97424 56927 ... 36379 76853 21108 937 40 00000	USB	(AB-RUS)
S06	20312	22-10	0830	Fri	842 937 40 94505 97424 56927 ... 36379 76853 21108 937 40 00000	USB	(AB-RUS)
S06	16237	22-10	0930	Fri	842 937 40 94505 97424 56927 ... 36379 76853 21108 937 40 00000	USB	(AB-RUS)
S06	13364	26-10	1200	Tue	579 421 60 39282 96224 60892 ... 72301 47256 17524 421 60 00000	USB	(AB/Priyom)
S06	11408	26-10	1300	Tue	579 421 60 39282 96224 60892 ... 72301 47256 17524 421 60 00000	USB	(AB/Priyom)
S06	15923	26-10	1500	Tue	172 853 49 47240 67486 39877 ... 73333 15705 48680 853 49 00000	USB	(Priyom)
S06	16249	26-10	1500	Tue	539 716 43 40105 45424 95453 ... 79582 27120 47131 716 43 00000	USB	(Priyom)
S06	20312	28-10	0830	Thu	842 560 41 25314 15447 98759 ... 34649 98453 54112 560 41 00000	USB	(PY)
S06	16237	28-10	0930	Thu	842 560 41 25314 15447 98759 ... 34649 98453 54112 560 41 00000	USB	(PY)
S06	20312	29-10	0830	Fri	842 560 41 25314 15447 98759 ... 34649 98453 54112 560 41 00000	USB	(PY)
S06	16237	29-10	0930	Fri	842 560 41 25314 15447 98759 ... 34649 98453 54112 560 41 00000	USB	(PY)
S06b	8043	5-10	1615	Tue	409 735 2 11111 00061 735 2 409 863 51 19002 60242 04492 ... 77314 43410 94369 863 51 00000	USB	(PY)
S06s	12140	1-10	0830	Fri	156 249 7 88620 58069 61723 74538 57440 20498 25616 259 7 00000	USB	(AB)
S06s	13515	1-10	0840	Fri	156 249 7 88620 58069 61723 74538 57440 20498 25616 259 7 00000	USB	(AB)
S06s	5744	1-10	0900	Fri	239 401 5 33796 12477 74527 46627 69202 401 5 00000	USB	(AB-POL)
S06s	6524	1-10	0910	Fri	239 401 5 33796 12477 74527 46627 69202 401 5 00000	USB	(AB)
S06s	10350	2-10	0800	Sat	132 470 5 46062 68672 97478 39685 30485 470 5 00000	USB	(AB)
S06s	8520	2-10	0810	Sat	132 470 5 46062 68672 97478 39685 30485 470 5 00000	USB	(AB)
S06s	22185	4-10	0630	Mon	462 538 7 14600 64248 48274 65125 41879 84648 42036 538 7 00000	USB	(AB-KWT)
S06s	20050	4-10	0640	Mon	462 538 7 14600 64248 48274 65125 41879 84648 42036 538 7 00000	USB	(AB-KWT)
S06s	9220	4-10	0830	Mon	764 821 5 34140 78386 91497 82963 24162 821 5 00000	USB	(AB)
S06s	8270	4-10	0840	Mon	764 821 5 34140 78386 91497 82963 24162 821 5 00000	USB	(AB)
S06s	14580	4-10	0900	Mon	232 408 5 32346 16099 94961 35825 65906 408 5 00000	USB	(AB)

S06s	13165	4-10	0910	Mon	232 408 5 32346 16099 94961 35825 65906 408 5 00000	USB	(AB)
S06s	8145	4-10	1200	Mon	149 803 5 45032 29366 87471 21487 30120 803 5 00000	USB	(AB/MPJ)
S06s	11460	4-10	1210	Mon	149 803 5 45032 29366 87471 21487 30120 803 5 00000	USB	(AB/MPJ)
S06s	15855	5-10	0600	Tue	438 217 5 22147 32420 21521 27221 35686 217 5 00000	USB	(AB-KWT)
S06s	16485	5-10	0610	Tue	438 217 5 22147 32420 21521 27221 35686 217 5 00000	USB	(AB-KWT)
S06s	5760	5-10	0700	Tue	452 893 6 21767 53672 11834 81022 36903 41412 893 6 00000	USB	(AB)
S06s	6930	5-10	0710	Tue	452 893 6 21767 53672 11834 81022 36903 41412 893 6 00000	USB	(AB)
S06s	7425	5-10	0730	Tue	427 961 5 33796 13577 74526 46647 79302 961 5 00000	USB	(AB)
S06s	11560	5-10	0740	Tue	427 961 5 33796 13577 74526 46647 79302 961 5 00000	USB	(AB)
S06s	11635	5-10	0800	Tue	127 934 5 44024 31373 35876 35436 33023 934 5 00000	USB	(AB)
S06s	10420	5-10	0810	Tue	127 934 5 44024 31373 35876 35436 33023 934 5 00000	USB	(AB)
S06s	6410	5-10	1000	Tue	427 893 5 45032 39366 87471 31487 40130 893 5 00000	USB	(AB-POL)
S06s	7340	5-10	1010	Tue	427 893 5 45032 39366 87471 31487 40130 893 5 00000	USB	(AB)
S06s	6190	5-10	1100	Tue	265 907 8 44365 43025 39238 33578 47568 40573 31479 35539 907 8 00000	USB	(AB-FIN)
S06s	7230	5-10	1110	Tue	265 907 8 44365 43025 39238 33578 47568 40573 31479 35539 907 8 00000	USB	(AB-FIN)
S06s	9082	6-10	0830	Wed	464 832 7 90406 36113 31107 37806 37137 31405 46464 832 7 00000	USB	(AB)
S06s	9952	6-10	0840	Wed	464 832 7 90406 36113 31107 37806 37137 31405 46464 832 7 00000	USB	(AB)
S06s	13365	6-10	1000	Wed	276 893 5 50458 34605 02105 79322 74220 893 5 00000	USB	(AB)
S06s	14505	6-10	1010	Wed	276 893 5 50458 34605 02105 79322 74220 893 5 00000	USB	(AB)
S06s	11530	7-10	0730	Thu	172 450 6 79302 52516 24616 56069 98812 24199 450 6 00000	USB	(AB)
S06s	12140	7-10	0740	Thu	172 450 6 79302 52516 24616 56069 98812 24199 450 6 00000	USB	(AB)
S06s	9081	7-10	0930	Thu	698 207 5 92405 25003 23456 60582 44476 207 5 00000	USB	(AB)
S06s	10514	7-10	0940	Thu	698 207 5 92405 25003 23456 60582 44476 207 5 00000	USB	(AB)
S06s	12415	7-10	1200	Thu	Live broadcast. Male operator 175 492 5 22272 64385 82606 05234 33526 492 5 00000	USB	(AB/MPJ)
S06s	14212	7-10	1210	Thu	No transmission	USB	(AB)
S06s	12140	8-10	0830	Fri	156 249 7 88620 58069 61723 74538 57440 20498 25616 259 7 00000	AM	(AB)
S06s	13515	8-10	0840	Fri	156 249 7 88620 58069 61723 74538 57440 20498 25616 259 7 00000	AM	(AB)
S06s	5744	8-10	0900	Fri	239 401 5 33796 12477 74527 46627 69202 401 5 00000	USB	(AB-FIN)
S06s	6524	8-10	0910	Fri	239 401 5 33796 12477 74527 46627 69202 401 5 00000	USB	(AB)
S06s	22185	11-10	0630	Mon	462 538 7 14600 64248 48274 65125 41879 84648 42036 538 7 00000	USB	(AB-KWT)
S06s	20050	11-10	0640	Mon	462 538 7 14600 64248 48274 65125 41879 84648 42036 538 7 00000	USB	(AB-KWT)
S06s	9220	11-10	0830	Mon	764 821 5 34140 78386 91497 82963 24162 821 5 00000	USB	(AB)
S06s	8270	11-10	0840	Mon	764 821 5 34140 78386 91497 82963 24162 821 5 00000	USB	(AB)
S06s	14580	11-10	0900	Mon	232 408 5 32346 16099 94961 35825 65906 408 5 00000	USB	(AB)
S06s	13165	11-10	0910	Mon	232 408 5 32346 16099 94961 35825 65906 408 5 00000	USB	(AB)
S06s	8145	11-10	1200	Mon	149 803 5 45032 29366 87471 21487 30120 803 5 00000	USB	(AB)
S06s	11460	11-10	1210	Mon	149 803 5 45032 29366 87471 21487 30120 803 5 00000	USB	(AB)
S06s	15855	12-10	0600	Tue	438 217 5 22147 32420 21521 27221 35686 217 5 00000	USB	(AB-KWT)
S06s	16485	12-10	0610	Tue	438 217 5 22147 32420 21521 27221 35686 217 5 00000	USB	(AB-KWT)
S06s	5760	12-10	0700	Tue	452 893 6 21767 53672 11834 81022 36903 41412 893 6 00000	USB	(AB)
S06s	6930	12-10	0710	Tue	452 893 6 21767 53672 11834 81022 36903 41412 893 6 00000	USB	(AB)
S06s	7425	12-10	0730	Tue	427 961 5 33796 13577 74526 46647 79302 961 5 00000	USB	(AB)

S06s	11560	12-10	0740	Tue	427 961 5 33796 13577 74526 46647 79302 961 5 00000	USB	(AB)
S06s	11635	12-10	0800	Tue	127 934 5 44024 31373 35876 35436 33023 934 5 00000	USB	(AB)
S06s	10420	12-10	0810	Tue	127 934 5 44024 31373 35876 35436 33023 934 5 00000	USB	(AB)
S06s	6410	12-10	1000	Tue	427 893 5 45032 39366 87471 31487 40130 893 5 00000	USB	(AB)
S06s	7340	12-10	1010	Tue	427 893 5 45032 39366 87471 31487 40130 893 5 00000	USB	(AB)
S06s	6190	12-10	1100	Tue	265 907 8 44365 43025 39238 33578 47568 40573 31479 35539 907 8 00000	USB	(AB-FIN/MPJ-HNG)
S06s	7230	12-10	1110	Tue	265 907 8 44365 43025 39238 33578 47568 40573 31479 35539 907 8 00000	USB	(AB-FIN/MPJ-HNG)
S06s	9082	13-10	0830	Wed	464 832 7 90406 36113 31107 37806 37137 31405 46464 832 7 00000	USB	(AB)
S06s	9952	13-10	0840	Wed	464 832 7 90406 36113 31107 37806 37137 31405 46464 832 7 00000	USB	(AB)
S06s	13365	13-10	1000	Wed	276 893 5 50458 34605 02105 79322 74220 893 5 00000	USB	(AB)
S06s	14505	13-10	1010	Wed	276 893 5 50458 34605 02105 79322 74220 893 5 00000	USB	(AB)
S06s	11530	14-10	0730	Thu	172 450 6 79302 52516 24616 56069 98812 24199 450 6 00000	USB	(AB)
S06s	12140	14-10	0740	Thu	172 450 6 79302 52516 24616 56069 98812 24199 450 6 00000	USB	(AB)
S06s	9081	14-10	0930	Thu	698 207 5 92405 25003 23456 60582 44476 207 5 00000	USB	(AB)
S06s	10514	14-10	0940	Thu	698 207 5 92405 25003 23456 60582 44476 207 5 00000	USB	(AB)
S06s	12415	14-10	1200	Thu	175 492 5 22272 64385 82606 05234 33526 492 5 00000	USB	(AB/MPJ)
S06s	14212	14-10	1210	Thu	175 492 5 22272 64385 82606 05234 33526 492 5 00000	USB	(AB/MPJ)
S06s	12140	15-10	0830	Fri	156 409 7 90577 83175 42776 18193 18204 58837 42663 409 7 00000	AM	(AB/JU)
S06s	13515	15-10	0840	Fri	156 409 7 90577 83175 42776 18193 18204 58837 42663 409 7 00000	AM	(AB/JU)
S06s	5744	15-10	0900	Fri	239 408 5 80331 17613 74220 56381 16458 408 5 00000	USB	(AB)
S06s	6524	15-10	0910	Fri	239 408 5 80331 17613 74220 56381 16458 408 5 00000	USB	(AB)
S06s	22185	18-10	0630	Mon	462 530 7 76605 94742 26434 31212 09218 48900 71724 530 7 00000	USB	(AB-UKR)
S06s	20050	18-10	0640	Mon	462 530 7 76605 94742 26434 31212 09218 48900 71724 530 7 00000	USB	(AB-UKR)
S06s	9220	18-10	0830	Mon	764 893 5 50298 13621 61881 99183 21015 893 5 00000	USB	(AB)
S06s	8270	18-10	0840	Mon	764 893 5 50298 13621 61881 99183 21015 893 5 00000	USB	(AB)
S06s	14580	18-10	0900	Mon	232 871 5 75537 57440 23278 15945 06123 871 5 00000	USB	(AB)
S06s	13165	18-10	0910	Mon	232 871 5 75537 57440 23278 15945 06123 871 5 00000	USB	(AB)
S06s	8145	18-10	1200	Mon	149 532 6 46062 68672 97478 39685 30485 96632 532 6 00000	USB	(AB)
S06s	11460	18-10	1210	Mon	149 532 6 46062 68672 97478 39685 30485 96632 532 6 00000	USB	(AB)
S06s	15855	19-10	0600	Tue	438 921 5 52401 63919 92699 14600 74248 921 5 00000	USB	(AB-KWT)
S06s	16485	19-10	0610	Tue	438 921 5 52401 63919 92699 14600 74248 921 5 00000	USB	(AB-KWT)
S06s	5760	19-10	0700	Tue	452 836 7 39268 42352 38713 30699 54426 44024 21272 836 7 00000	USB	(AB)
S06s	6930	19-10	0710	Tue	452 836 7 39268 42352 38713 30699 54426 44024 21272 836 7 00000	USB	(AB)
S06s	7425	19-10	0730	Tue	427 893 5 33241 22420 32545 27131 25786 893 5 00000	USB	(AB)
S06s	11560	19-10	0740	Tue	427 893 5 33241 22420 32545 27131 25786 893 5 00000	USB	(AB)
S06s	11635	19-10	0800	Tue	127 836 5 90406 26112 23307 27806 27237 836 5 00000	USB	(AB)
S06s	10420	19-10	0810	Tue	127 836 5 90406 26112 23307 27806 27237 836 5 00000	USB	(AB)
S06s	6410	19-10	1000	Tue	427 961 5 82024 08127 51012 43764 50120 961 5 00000	USB	(AB)
S06s	7340	19-10	1010	Tue	427 961 5 82024 08127 51012 43764 50120 961 5 00000	USB	(AB)
S06s	6190	19-10	1100	Tue	265 931 7 90577 83175 42776 18193 18204 58834 42663 931 7 00000	USB	(AB-FIN/MPJ)

S06s	7230	19-10	1110	Tue	265 931 7 90577 83175 42776 18193 18204 58834 42663 931 7 00000	USB	(AB/MPJ)
S06s	9082	20-10	0830	Wed	464 230 5 61881 70151 56499 37086 11887 230 5 00000	USB	(AB)
S06s	9952	20-10	0840	Wed	464 230 5 61881 70151 56499 37086 11887 230 5 00000	USB	(AB)
S06s	13365	20-10	1000	Wed	276 401 5 06376 48057 13361 19474 34978 401 5 00000	USB	(AB)
S06s	14505	20-10	1010	Wed	276 401 5 06376 48057 13361 19474 34978 401 5 00000	USB	(AB)
S06s	11530	21-10	0730	Thu	172 459 6 62573 40032 93748 34064 46688 49873 459 6 00000	USB	(AB)
S06s	12140	21-10	0740	Thu	172 459 6 62573 40032 93748 34064 46688 49873 459 6 00000	USB	(AB)
S06s	9081	21-10	0930	Thu	698 230 5 08631 58082 82789 16094 29043 230 5 00000	USB	(AB)
S06s	10514	21-10	0940	Thu	698 230 5 08631 58082 82789 16094 29043 230 5 00000	USB	(AB)
S06s	12415	21-10	1200	Thu	175 493 6 64649 41127 95693 74263 98721 70076 493 6 00000	USB	(AB/MPJ)
S06s	14212	21-10	1210	Thu	175 493 6 64649 41127 95693 74263 98721 70076 493 6 00000	USB	(AB/MPJ)
S06s	12140	22-10	0830	Fri	156 409 7 90577 83175 42776 18193 18204 58837 42663 409 7 00000	AM	(AB)
S06s	13515	22-10	0840	Fri	156 409 7 90577 83175 42776 18193 18204 58837 42663 409 7 00000	AM	(AB)
S06s	5744	22-10	0900	Fri	239 408 5 80331 17613 74220 56381 16458 408 5 00000	USB	(AB)
S06s	6524	22-10	0910	Fri	239 408 5 80331 17613 74220 56381 16458 408 5 00000	USB	(AB)
S06s	22185	25-10	0630	Mon	462 530 7 76605 94742 26434 31212 09218 48900 71724 530 7 00000	USB	(AB-KWT)
S06s	20050	25-10	0640	Mon	462 530 7 76605 94742 26434 31212 09218 48900 71724 530 7 00000	USB	(AB-UKR)
S06s	9220	25-10	0830	Mon	764 893 5 50298 13621 61881 99183 21015 893 5 00000	USB	(AB)
S06s	8270	25-10	0840	Mon	764 893 5 50298 13621 61881 99183 21015 893 5 00000	USB	(AB)
S06s	14580	25-10	0900	Mon	232 871 5 75537 57440 23278 15945 06123 871 5 00000	USB	(AB)
S06s	13165	25-10	0910	Mon	232 871 5 75537 57440 23278 15945 06123 871 5 00000	USB	(AB)
S06s	8145	25-10	1200	Mon	149 532 6 46062 68672 97478 39685 30485 96632 532 6 00000	USB	(AB/MPJ)
S06s	11460	25-10	1210	Mon	149 532 6 46062 68672 97478 39685 30485 96632 532 6 00000	USB	(AB/MPJ)
S06s	15855	26-10	0600	Tue	438 921 5 52401 63919 92699 14600 74248 921 5 00000	USB	(AB-KWT/HFD)
S06s	16485	26-10	0610	Tue	438 921 5 52401 63919 92699 14600 74248 921 5 00000	USB	(AB-KWT/HFD-S)
S06s	5760	26-10	0700	Tue	452 836 7 39268 42352 38713 30699 54426 44024 21272 836 7 00000	USB	(AB-POL)
S06s	6930	26-10	0710	Tue	452 836 7 39268 42352 38713 30699 54426 44024 21272 836 7 00000	USB	(AB)
S06s	7425	26-10	0730	Tue	427 893 5 33241 22420 32545 27131 25786 893 5 00000	USB	(AB)
S06s	11560	26-10	0740	Tue	427 893 5 33241 22420 32545 27131 25786 893 5 00000	USB	(AB)
S06s	11635	26-10	0800	Tue	127 836 5 90406 26112 23307 27806 27237 836 5 00000	USB	(AB)
S06s	10420	26-10	0810	Tue	127 836 5 90406 26112 23307 27806 27237 836 5 00000	USB	(AB)
S06s	6410	26-10	1000	Tue	427 961 5 82024 08127 51012 43764 50120 961 5 00000	USB	(AB)
S06s	7340	26-10	1010	Tue	427 961 5 82024 08127 51012 43764 50120 961 5 00000	USB	(AB)
S06s	6190	26-10	1100	Tue	265 931 7 90577 83175 42776 18193 18204 58834 42663 931 7 00000	USB	(AB-FIN)
S06s	7230	26-10	1110	Tue	265 931 7 90577 83175 42776 18193 18204 58834 42663 931 7 00000	USB	(AB)
S06s	9082	27-10	0830	Wed	464 230 5 61881 70151 56499 37086 11887 230 5 00000	USB	(AB)
S06s	9952	27-10	0840	Wed	464 230 5 61881 70151 56499 37086 11887 230 5 00000	USB	(AB)
S06s	13365	27-10	1000	Wed	276 401 5 06376 48057 13361 19474 34978 401 5 00000	USB	(AB)
S06s	14505	27-10	1010	Wed	276 401 5 06376 48057 13361 19474 34978 401 5 00000	USB	(AB)
S06s	11530	28-10	0730	Thu	172 459 6 62573 40032 93748 34064 46688 49873 459 6 00000	USB	(AB)
S06s	12140	28-10	0740	Thu	172 459 6 62573 40032 93748 34064 46688 49873 459 6 00000	USB	(AB)
S06s	9081	28-10	0930	Thu	698 230 5 08631 58082 82789 16094 29043 230 5 00000	USB	(AB)

S06s	10514	28-10	0940	Thu	698 230 5 08631 58082 82789 16094 29043 230 5 00000	USB	(AB)
S06s	12415	28-10	1200	Thu	175 493 6 64649 41127 95693 74263 98721 70076 493 6 00000	USB	(AB/MPJ)
S06s	14212	28-10	1210	Thu	175 493 6 64649 41127 95693 74263 98721 70076 493 6 00000	USB	(AB/MPJ)
S06s	12140	29-10	0830	Fri	156 156 156 00000	AM	(AB)
S06s	13515	29-10	0840	Fri	156 156 156 00000	AM	(AB)
S06s	5744	29-10	0900	Fri	239 239 239 00000	USB	(AB)
S06s	6524	29-10	0910	Fri	239 239 239 00000	USB	(AB)
S11a	6480	1-10	0915	Fri	486/00	USB	(AB)
S11a	8088	1-10	1020	Fri	426/00	USB	(AB)
S11a	6433	2-10	0830	Sat	373/00	USB	(AB)
S11a	10213	2-10	1850	Sat	286/00	USB	(AB)
S11a	6433	3-10	0830	Sun	370/00	USB	(AB)
S11a	11116	4-10	0510	Mon	650/00	USB	(AB)
S11a	8597	4-10	0700	Mon	477/38 Vnimanije 68952 46812 47304 ... 12805 60237 29705 Vnimanije (message repeated) Konets	USB	(AB)
S11a	6480	4-10	0915	Mon	487/00	USB	(AB)
S11a	14769	5-10	0500	Tue	387/00	USB	(AB)
S11a	8088	5-10	1020	Tue	420/00	USB	(AB)
S11a	11116	6-10	0510	Wed	656/00	USB	(AB-POL)
S11a	10213	6-10	1850	Wed	280/33 Vnimanije 28158 17749 80200 ... 49413 68864 63316 Vnimanije (message repeated) Konets	USB	(AB)
S11a	14769	7-10	0500	Thu	387/00	USB	(AB-RUS)
S11a	8597	7-10	0700	Thu	477/38 Vnimanije 68952 46812 47304 ... 12805 60237 29705 Vnimanije (message repeated) Konets	USB	(AB)
S11a	6480	8-10	0915	Fri	480/00	USB	(AB)
S11a	8088	8-10	1020	Fri	425/00	USB	(AB)
S11a	6433	9-10	0830	Sat	376/00	USB	(AB)
S11a	10213	9-10	1850	Sat	280/33 Vnimanije 28158 17749 80200 ... 49413 68864 63316 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
S11a	6433	10-10	0830	Sun	371/00	USB	(AB)
S11a	11116	11-10	0510	Mon	656/00	USB	(AB)
S11a	8597	11-10	0700	Mon	475/00	USB	(AB)
S11a	6480	11-10	0915	Mon	486/35 Vnimanije 21500 74502 49136 ... 34108 89478 61333 Vnimanije (message repeated) Konets	USB	(AB)
S11a	14769	12-10	0500	Tue	387/33 Vnimanije 81918 70225 74417 ... 26162 62364 46909 Vnimanije (message repeated) Konets	USB	(AB)
S11a	8088	12-10	1020	Tue	424/39 Vnimanije 19959 85325 87692 ... 10711 08552 98822 Vnimanije (repeat message) Konets	USB	(AB/MPJ)
S11a	11116	13-10	0510	Wed	656/00	USB	(AB)
S11a	10213	13-10	1850	Wed	285/00	USB	(AB)
S11a	14769	14-10	0500	Thu	387/33 Vnimanije 81918 70225 74417 ... 26162 62364 46909 Vnimanije (message repeated) Konets	USB	(AB-RUS)
S11a	8597	14-10	0700	Thu	478/00	USB	(AB)
S11a	6480	15-10	0915	Fri	486/35 Vnimanije 21500 74502 49136 ... 34108 89478 61333 Vnimanije (message repeated) Konets	USB	(AB)
S11a	8088	15-10	1020	Fri	424/39 Vnimanije 19959 85325 87692 ... 10711 08552 98822 Vnimanije (repeat message) Konets	USB	(AB)
S11a	6433	16-10	0830	Sat	378/31 Vnimanije 43864 49454 64939 ... 97543 78378 89254 Vnimanije (message repeated) Konets	USB	(AB)
S11a	10213	16-10	1850	Sat	281/00	USB	(AB)
S11a	6433	17-10	0830	Sun	378/31 Vnimanije 43864 49454 64939 ... 97543 78378 89254 Vnimanije (message repeated) Konets	USB	(AB)
S11a	11116	18-10	0510	Mon	656/31 Vnimanije 27803 56446 11583 ... 44962 27893 30331 Vnimanije (message repeated) Konets	USB	(AB/HFD)
S11a	8597	18-10	0700	Mon	475/00	USB	(AB)

S11a	14769	19-10	0500	Tue	384/00	USB	(AB-POL)
S11a	6480	19-10	0915	Tue	484/00	USB	(AB)
S11a	8088	19-10	1020	Tue	429/00	USB	(AB)
S11a	11116	20-10	0510	Wed	656/31 Vnmaniye 27803 56446 11583 ... 44962 27893 30331 Vnmaniye (message repeated) Konets	USB	(AB-POL)
S11a	10213	20-10	1850	Wed	285/00	USB	(AB)
S11a	14769	21-10	0500	Thu	387/00	USB	(AB-POL)
S11a	8597	21-10	0700	Thu	472/00	USB	(AB)
S11a	6480	22-10	0915	Fri	481/00	USB	(AB)
S11a	8088	22-10	1020	Fri	426/00	USB	(AB)
S11a	6433	23-10	0830	Sat	376/00	USB	(AB)
S11a	10213	23-10	1850	Sat	281/00	USB	(AB)
S11a	6433	24-10	0830	Sun	372/00	USB	(AB)
S11a	11116	25-10	0510	Mon	652/00	USB	(AB)
S11a	8597	25-10	0700	Mon	476/00	USB	(AB)
S11a	6480	25-10	0915	Mon	484/00	USB	(AB)
S11a	14769	26-10	0500	Tue	384/00	USB	(AB-POL)
S11a	8088	26-10	1020	Tue	420/00	USB	(AB)
S11a	11116	27-10	0510	Wed	657/00	USB	(AB-RUS)
S11a	10213	27-10	1850	Wed	287/00	USB	(AB)
S11a	8597	28-10	0700	Thu	470/00	USB	(AB)
S11a	6480	29-10	0915	Fri	481/00	USB	(AB)
S11a	8088	29-10	1020	Fri	420/00	USB	(AB)
S11a	6433	30-10	0830	Sat	376/00	USB	(AB)
S11a	10213	30-10	1850	Sat	284/00	USB	(AB/MPJ)
S11a	6433	31-10	0830	Sun	376/00	USB	(AB)
S28	4625	5-10	1600	Tue	Buzzer channel marker.	USB	(AB)
S28	4625	5-10	1635	Tue	The buzzer bugged by several pirates. A countdown in German is transmitted, further music, sirens, barking dogs and voices, mostly unreadable.	USB	(AB)
S28	4625	11-10	1548	Mon	Buzzer channel marker	USB	(ChPa)
S28	4625	13-10	1512	Wed	Buzzer channel marker	USB	(ChPa)
S28	4625	18-10	0400	Mon	Buzzer channel marker	USB	(ChPa)
S28	4625	27-10	1859	Wed	Buzzer channel marker	USB	(ChPa)
S30	3756	5-10	1740	Tue	Pip channel marker	USB	(AB)
S30	5448	7-10	0948	Thu	JVB1 85068 ZAL 3882 5998 ZYaB' 0655 2288 ZAVYeSA 3463 4933	USB	(Gwr)
S30	3756	11-10	1543	Mon	Pip channel marker	USB	(ChPa)
S30	5448	13-10	1536	Wed	Pip channel marker	USB	(ChPa)
S30	3756	18-10	0357	Mon	Pip channel marker	USB	(ChPa)
S30	375	27-10	1857	Wed	Pip channel marker	USB	(ChPa)
S30	5448	28-10	1320	Thu	JVB1 SBYTOSYeV 212	USB	(Gwr)
S32	3828	5-10	1739	Tue	Squeaky Wheel channel marker	USB	(AB)
S32	5473	7-10	0937	Thu	Al'fa-45 74138 MOHODIM 4743 6060	USB	(Gwr)
S32	5473	7-10	0951	Thu	Al'fa-45 30698 MURChAN'Ye 2158 7230	USB	(Gwr)

S32	5473	7-10	0955	Thu	Al'fa-45 33302 OBYeSPYeChYeN'Ye 4760 8574	USB	(Gwr)
S32	3828	11-10	1550	Mon	Squeaky Wheel channel marker	USB	(ChPa)
S32	3828	13-10	1515	Wed	Squeaky Wheel channel marker	USB	(ChPa)
S32	3828	13-10	1617	Wed	Squeaky Wheel channel marker	USB	(ChPa)
S32	3828	18-10	0358	Mon	Squeaky Wheel channel marker	USB	(ChPa)
S32	3828	27-10	1858	Wed	Squeaky Wheel channel marker	USB	(ChPa)
S32	5473	28-10	1247	Thu	Al'fa-45 28085 ZASPINNYJ 6905 4265	USB	(Gwr)
S32	5473	28-10	1310	Thu	Penza-07 Zaslodka-27 Stupa-32 Alyeut-09 Nevka-26 Kurgan-40	USB	(Gwr)
S32	5473	28-10	1321	Thu	Al'fa-45 SBYTOSYeV 212	USB	(Gwr)
UM03	3811	9-10	1256	Sat	i.p. NR ...47 NR 03847 CK ..82 82 = = TVOMG AZIPTI GQNNs FDUWT ALNMM ...	CW	(JPL-CHN)
UM03	4640	9-10	1310	Sat	i.p. DA56D 7TNUT U56TT 3D445 A6NN5 T35N4 ...	CW	(JPL-CHN)
UM03	5222	9-10	1315	Sat	i.p. N3A5U 44...	CW	(JPL-CHN)
UM04	4735	7-10	0700	Thu	VVVVV PROMRÍ = 0710 = 1000 0640 0690 0830 1220 ... 0800 0520 0590 0730 1080 = AR	CW	(AB)
UM04	4735	11-10	0700	Mon	VVVVV PROMRÍ = 11 10 = 1000 0670 0710 0860 1270 ... 0800 0570 0620 0750 1130 = AR	CW	(AB-GRC)
UM04	4735	18-10	0700	Mon	VVV VVV PROMRÍ = 18 10 = 1000 0690 0730 0890 1320 ... 0800 0590 0640 0790 1180 = AR	CW	(AB-GRC)
UM04	4735	22-10	0700	Fri	VVVVV PROMRÍ = 22 10 = 1000 0670 0720 0880 1320 ... 0800 0590 0640 0790 1200 = AR	CW	(AB-HNG)
UM04	4735	31-10	0800	Sun	VVVV PROMRÍ = 31 10 = 1000 0660 0710 0870 1310 ... 0800 0580 0630 0780 1180 = AR	CW	(AB-HNG)
UM10	3865	7-10	1920	Thu	10-minutes net: KTR4	CW	(JPL-HK)
UM10	3865	9-10	1251	Sat	10-minutes net: KTR4	CW	(JPL-J)
UM10	3865	9-10	1425	Sat	10-minutes net: KTR4	CW	(JPL-J)
UM10	3238	9-10	1427	Sat	10-minutes net: D6AN	CW	(JPL-J)
UM10	4735	20-10	0703	Wed	Late start VVVVVVVVVV PROMRÍ = 2010 = 1000 0680 0730 0890 1330 ... 0800 0590 0640 0790 1190 = AR	CW	(AB-GRC)
UM10	3602	31-10	1450	Sun	10-minutes net: KTR4	CW	(JPL-RUS)
UM10	3865	31-10	1450	Sun	10-minutes net: KTR4	CW	(JPL-RUS)
V07	7649	1-10	1605	Fri	367 367 367 1 7712 1 7712 1 02956 000 000	USB	(AB)
V07	7534	2-10	0600	Sat	367 367 367 1 4103 1 4103 1 25199 000 000	USB	(AB)
V07	7649	2-10	0605	Sat	367 367 367 1 4103 1 4103 1 25199 000 000	USB	(AB)
V07	8157	2-10	0610	Sat	367 367 367 1 4103 1 4103 1 25199 000 000	USB	(AB)
V07	9283	2-10	0615	Sat	367 367 367 1 4103 1 4103 1 25199 000 000	USB	(AB)
V07	8148	2-10	0620	Sat	367 367 367 1 4103 1 4103 1 25199 000 000	USB	(AB)
V07	8094	2-10	0625	Sat	367 367 367 1 4103 1 4103 1 25199 000 000	USB	(AB)
V07	7649	2-10	1435	Sat	367 367 367 1 5352 1 5352 1 31552 000 000	USB	(AB)
V07	10643	2-10	1620	Sat	367 367 367 1 7711 2 7711 2 56429 34444 000 000	USB	(Priyom)
V07	10427	2-10	1625	Sat	367 367 367 1 7711 2 7711 2 56429 34444 000 000	USB	(Priyom)
V07	7649	2-10	1735	Sat	367 367 367 1 4306 1 4306 1 62598 000 000	USB	(AB)
V07	15925	3-10	0100	Sun	974 974 974 1 7422 88 7422 88 99497 00426 14368 ... 81484 92449 15735 000 000	USB	(Dan)
V07	14725	3-10	0120	Sun	974 974 974 1 7422 88 7422 88 99497 00426 14368 ... 81484 92449 15735 000 000	USB	(Dan)
V07	7534	3-10	0600	Sun	367 367 367 1 3611 2 3611 2 83543 43218 000 000	USB	(AB)
V07	7649	3-10	0605	Sun	367 367 367 1 3611 2 3611 2 83543 43218 000 000	USB	(AB)
V07	8157	3-10	0610	Sun	367 367 367 1 3611 2 3611 2 83543 43218 000 000	USB	(AB)
V07	9283	3-10	0615	Sun	367 367 367 1 3611 2 3611 2 83543 43218 000 000	USB	(AB)

V07	8148	3-10	0620	Sun	367 367 367 1 3611 2 3611 2 83543 43218 000 000	USB	(AB)
V07	8094	3-10	0625	Sun	367 367 367 1 3611 2 3611 2 83543 43218 000 000	USB	(AB)
V07	7534	3-10	0730	Sun	367 367 367 1 6262 1 6262 1 02652 000 000	USB	(Priyom)
V07	7649	3-10	0735	Sun	367 367 367 1 6262 1 6262 1 02652 000 000	USB	(AB/Priyom)
V07	8157	3-10	0740	Sun	367 367 367 1 6262 1 6262 1 02652 000 000	USB	(Priyom)
V07	9283	3-10	0745	Sun	367 367 367 1 6262 1 6262 1 02652 000 000	USB	(Priyom)
V07	8148	3-10	0750	Sun	367 367 367 1 6262 1 6262 1 02652 000 000	USB	(Priyom)
V07	8094	3-10	0755	Sun	367 367 367 1 6262 1 6262 1 02652 000 000	USB	(Priyom)
V07	15925	10-10	0100	Sun	974 974 974 1 598 86 598 86 70444 02192 81893 ... 92437 23070 10835 000 000	USB	(Dan)
V07	13425	10-10	0140	Sun	974 974 974 1 598 86 598 86 70444 02192 81893 ... 92437 23070 10835 000 000	USB	(Dan)
V07	7534	16-10	1600	Sat	367 367 367 1 5936 1 5936 1 48244 000 000	USB	(AB)
V07	7649	16-10	1605	Sat	367 367 367 1 5936 1 5936 1 48244 000 000	USB	(AB)
V07	8157	16-10	1610	Sat	367 367 367 1 5936 1 5936 1 48244 000 000	USB	(AB)
V07	9283	16-10	1615	Sat	367 367 367 1 5936 1 5936 1 48244 000 000	USB	(AB)
V07	8148	16-10	1620	Sat	367 367 367 1 5936 1 5936 1 48244 000 000	USB	(AB)
V07	8094	16-10	1625	Sat	367 367 367 1 5936 1 5936 1 48244 000 000	USB	(AB)
V07	15925	17-10	0100	Sun	974 974 974 1 246 178 246 178 37909 09593 40788 41304 ... 20506 27977 30554 000 000	USB	(Dan)
V07	14725	17-10	0131	Sun	974 974 974 1 246 178 246 178 37909 09593 40788 41304 ... 20506 27977 30554 000 000	USB	(Dan)
V07	13425	17-10	0151	Sun	974 974 974 1 246 178 246 178 37909 09593 40788 41304 ... 20506 27977 30554 000 000	USB	(Dan)
V07	7534	17-10	1600	Sun	367 367 367 1 5928 1 5928 1 99932 000 000	USB	(PY)
V07	7649	17-10	1605	Sun	367 367 367 1 5928 1 5928 1 99932 000 000	USB	(PY)
V07	8157	17-10	1610	Sun	367 367 367 1 5928 1 5928 1 99932 000 000	USB	(PY)
V07	9283	17-10	1615	Sun	367 367 367 1 5928 1 5928 1 99932 000 000	USB	(PY)
V07	8148	17-10	1620	Sun	367 367 367 1 5928 1 5928 1 99932 000 000	USB	(PY)
V07	8094	17-10	1625	Sun	367 367 367 1 5928 1 5928 1 99932 000 000	USB	(PY)
V07	15925	24-10	0100	Sun	974 974 974 1 784 182 784 182 21170 74134 60459 ... 87759 08081 73548 000 000	USB	(Dan)
V07	15925	31-10	0100	Sun	974 974 974 1 7413 124 7413 124 61526 71148 00202 ... 37988 54842 91160 000 000	USB	(Dan)
V07	14725	31-10	0120	Sun	974 974 974 1 7413 124 7413 124 61526 71148 00202 ... 37988 54842 91160 000 000	USB	(Dan)
V07	13425	31-10	0140	Sun	974 974 974 1 7413 124 7413 124 61526 71148 00202 ... 37988 54842 91160 000 000	USB	(Dan)
V07F	12158	2-10	1600	Sat	367 367 367 1 7711 2 7711 2 56429 34444 000 000	USB	(Priyom)
V07F	12153	2-10	1605	Sat	367 367 367 1 7711 2 7711 2 56429 34444 000 000	USB	(Priyom)
V07F	11588	2-10	1610	Sat	367 367 367 1 7711 2 7711 2 56429 34444 000 000	USB	(Priyom)
V07F	11434	2-10	1615	Sat	367 367 367 1 7711 2 7711 2 56429 34444 000 000	USB	(Priyom)
V07F	10643	2-10	1620	Sat	367 367 367 1 7711 2 7711 2 56429 34444 000 000	USB	(Priyom)
V07F	10427	2-10	1625	Sat	367 367 367 1 7711 2 7711 2 56429 34444 000 000	USB	(Priyom)
V13	15890	24-10	0030	Sun	Flute tune followed by 3 messages 6696: 55 Digits 6150 3240 4983 ... 6819 7697 7485	USB	(Anon)
V13	15890	24-10	0130	Sun	Flute tune followed by 3 messages 6696: 55 Digits 6150 3240 4983 ... 6819 7697 7485	USB	(Anon)
V26	4364	22-10	1130	Fri	XSV85: callup in Chinese voice. male operator //8073	USB	(JPL)
V26	8073	22-10	1130	Fri	XSV85: callup in Chinese voice. male operator //4364	USB	(JPL)
V26	9054	30-10	2341	Sat	Callup in Chinese voice	USB	(JPL)
X06	10161	4-10	0646	Mon	MFA Moscow clg 165324 Russian embassy Vienna	MFSK-6	(AB)
X06	11562	4-10	0734	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(AB)

X06	13395	4-10	0817	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(ES-HOL)
X06	14615	5-10	0756	Tue	MFA Moscow clg 125643: Russian embassy Ulanbatar	MFSK-6	(AB)
X06	15687	5-10	0825	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(AB)
X06	18206	5-10	0922	Tue	MFA Moscow clg: 246531 Russian embassy Accra	MFSK-6	(AB)
X06	16188	5-10	1201	Tue	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(ES-HOL)
X06	14942	5-10	1204	Tue	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(ES-HOL)
X06	14631	6-10	0829	Wed	MFA Moscow clg 362154: Russian embassy Athens	MFSK-6	(AB)
X06	19511	7-10	0713	Thu	MFA Moscow clg 314265: Russian embassy Antananarivo	MFSK-6	(AB)
X06	13338	14-10	1359	Thu	MFA Moscow clg 564213: Russian Consulate General Bonn	MFSK-6	(AB)
X06	14812	19-10	1058	Tue	MFA Moscow clg 246531: Russian embassy Accra	MFSK-6	(AB)
X06	5055	19-10	1213	Tue	MFA Moscow clg 246135	MFSK-6	(kalv)
X06	13419	27-10	0810	Wed	MFA Moscow clg 465132 Russian embassy Sofia	MFSK-6	(AB)
X06b	8550	4-10	1225	Mon	Sequence 111666	MFSK-6	(AB)
X06b	16340	4-10	1231	Mon	Sequence 111666	MFSK-6	(AB)
X06b	11550	5-10	1148	Tue	Sequence 111666	MFSK-6	(ES-HOL)
X06b	16340	5-10	1152	Tue	Sequence 111666	MFSK-6	(ES-HOL)
X06b	8124	15-10	1422	Fri	Sequence 111666 before E07a	MFSK-6	(AB)
X06b	13530	18-10	0935	Mon	111666	MFSK-6	(AB)
X06b	11125	20-10	1039	Wed	Sequence 116616	MFSK-6	(AB)
XM	4483	15-10	1533	Fri	Weird feedback signal	USB	(AB)
XPA1	14564	1-10	1210	Fri	554 554 554 1 00447 00023 74914 ... 31361 14239 03212	MFSK-20/10Bd	(AB)
XPA1	13564	1-10	1230	Fri	554 554 554 1 00447 00023 74914 ... 31361 14239 03212	MFSK-20/10Bd	(AB)
XPA1	11464	1-10	1250	Fri	554 554 554 1 00447 00023 74914 ... 31361 14239 03212	MFSK-20/10Bd	(AB)
XPA1	18684	2-10	1015	Sat	471 471 471 1 03052 00039 06685 ... 07862 49068 (last group was not decoded)	MFSK-20/10Bd	(T101)
XPA1	12167	5-10	0710	Tue	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)
XPA1	13427	5-10	0730	Tue	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)
XPA1	14972	5-10	0750	Tue	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)
XPA1	14564	6-10	1210	Wed	554 554 554 000 05969 00001 00000 42263	MFSK-20/10Bd	(AB)
XPA1	14564	6-10	1210	Wed	msg	MFSK-20/10Bd	(HFD)
XPA1	13564	6-10	1230	Wed	554 554 554 000 05969 00001 00000 42263	MFSK-20/10Bd	(AB)
XPA1	13564	6-10	1230	Wed	msg	MFSK-20/10Bd	(HFD)
XPA1	11464	6-10	1250	Wed	554 554 554 000 05969 00001 00000 42263	MFSK-20/10Bd	(AB)
XPA1	11464	6-10	1250	Wed	msg	MFSK-20/10Bd	(HFD)
XPA1	12167	7-10	0710	Thu	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)
XPA1	13427	7-10	0730	Thu	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)
XPA1	14972	7-10	0750	Thu	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)
XPA1	14564	8-10	1210	Fri	554 554 554 000 06385 00001 00000 35266	MFSK-20/10Bd	(AB/MPJ)
XPA1	13564	8-10	1230	Fri	554 554 554 000 06385 00001 00000 35266	MFSK-20/10Bd	(AB/MPJ)
XPA1	11464	8-10	1250	Fri	554 554 554 000 06385 00001 00000 35266	MFSK-20/10Bd	(AB/MPJ)
XPA1	12167	12-10	0710	Tue	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)
XPA1	13427	12-10	0730	Tue	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)
XPA1	14972	12-10	0750	Tue	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)

XPA1	14564	13-10	1210	Wed	554 554 554 000 08152 00001 00000 32665	MFSK-20/10Bd	(AB)
XPA1	13564	13-10	1230	Wed	554 554 554 000 08152 00001 00000 32665	MFSK-20/10Bd	(AB)
XPA1	11464	13-10	1250	Wed	554 554 554 000 08152 00001 00000 32665	MFSK-20/10Bd	(AB)
XPA1	12167	14-10	0710	Thu	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)
XPA1	13427	14-10	0730	Thu	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)
XPA1	14972	14-10	0750	Thu	249 249 249 1 00266 00065 39935 ... 23620 22206 63554	MFSK-20/10Bd	(AB)
XPA1	14564	15-10	1210	Fri	554 554 554 000 05896 00001 00000 40266	MFSK-20/10Bd	(AB/MPJ)
XPA1	13564	15-10	1230	Fri	554 554 554 000 05896 00001 00000 40266	MFSK-20/10Bd	(AB/MPJ)
XPA1	11464	15-10	1250	Fri	554 554 554 000 05896 00001 00000 40266	MFSK-20/10Bd	(AB/MPJ)
XPA1	8157	16-10	1000	Sat	471 471 471 1 01699 00051 52816 ... 71231 46417 34023	MFSK-20/10Bd	(AB)
XPA1	8157	16-10	1010	Sat	471 471 471 1 01699 00051 52816 ... 71231 46417 34023	MFSK-20/10Bd	(AB)
XPA1	8157	16-10	1020	Sat	471 471 471 1 01699 00051 52816 ... 71231 46417 34023	MFSK-20/10Bd	(AB)
XPA1	8157	17-10	1000	Sun	471 471 471 1 08442 00067 66219 ... 99452 96285 24613	MFSK-20/10Bd	(AB)
XPA1	8157	17-10	1010	Sun	471 471 471 1 08442 00067 66219 ... 99452 96285 24613	MFSK-20/10Bd	(AB)
XPA1	8157	17-10	1020	Sun	471 471 471 1 08442 00067 66219 ... 99452 96285 24613	MFSK-20/10Bd	(AB)
XPA1	12167	19-10	0710	Tue	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	12167	19-10	0710	Tue	msg	MFSK-20/10Bd	(HFD)
XPA1	13427	19-10	0730	Tue	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	13457	19-10	0730	Tue	msg	MFSK-20/10Bd	(HFD)
XPA1	14972	19-10	0750	Tue	msg	MFSK-20/10Bd	(HFD)
XPA1	14972	19-10	0750	Tue	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	14564	20-10	1210	Wed	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB)
XPA1	13564	20-10	1230	Wed	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB)
XPA1	11464	20-10	1250	Wed	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB)
XPA1	12167	21-10	0710	Thu	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	13427	21-10	0730	Thu	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	14972	21-10	0750	Thu	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	14564	22-10	1210	Fri	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB/MPJ)
XPA1	13564	22-10	1230	Fri	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB/MPJ)
XPA1	11464	22-10	1250	Fri	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB/MPJ)
XPA1	12167	26-10	0710	Tue	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	13427	26-10	0730	Tue	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	14972	26-10	0750	Tue	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	14564	27-10	1210	Wed	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB/MPJ)
XPA1	13564	27-10	1230	Wed	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB/MPJ)
XPA1	11464	27-10	1250	Wed	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB/MPJ)
XPA1	12167	28-10	0710	Thu	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	13427	28-10	0730	Thu	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	14972	28-10	0750	Thu	249 249 249 1 00390 00153 46136 ... 67444 80243 60436	MFSK-20/10Bd	(AB)
XPA1	14564	29-10	1210	Fri	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB)
XPA1	13564	29-10	1230	Fri	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB)
XPA1	11464	29-10	1250	Fri	554 554 554 1 00513 00056 76829 ... 99022 93917 46326	MFSK-20/10Bd	(AB)

XPA2	14537	1-10	1100	Fri	02151 00089 43156 ... 80463 30919 56333	MFSK-16/20Bd	(AB/MPJ)
XPA2	13437	1-10	1120	Fri	02151 00089 43156 ... 80463 30919 56333	MFSK-16/20Bd	(AB/MPJ)
XPA2	10737	1-10	1140	Fri	02151 00089 43156 ... 80463 30919 56333	MFSK-16/20Bd	(AB/MPJ)
XPA2	13452	1-10	1200	Fri	02934 00088 90887 ... 24184 53413 04472	MFSK-16/20Bd	(AB/MPJ)
XPA2	14452	1-10	1220	Fri	02934 00088 90887 ... 24184 53413 04472	MFSK-16/20Bd	(AB/MPJ)
XPA2	15852	1-10	1240	Fri	02934 00088 90887 ... 24184 53413 04472	MFSK-16/20Bd	(AB/MPJ)
XPA2	17438	2-10	0910	Sat	09681 00052 64496 ... 37759 32848 45334	MFSK-16/20Bd	(AB/HFD)
XPA2	16338	2-10	0930	Sat	09681 00052 64496 ... 37759 32848 45334	MFSK-16/20Bd	(AB/HFD)
XPA2	15938	2-10	0950	Sat	09681 00052 64496 ... 37759 32848 45334	MFSK-16/20Bd	(AB/HFD)
XPA2	19633	2-10	1105	Sat	Test message	MFSK-16/20Bd	(T101)
XPA2	18684	2-10	1110	Sat	Test message	MFSK-16/20Bd	(T101)
XPA2	17454	2-10	1115	Sat	Test message	MFSK-16/20Bd	(T101)
XPA2	13906	2-10	1500	Sat	08213 00001 00000 33661	MFSK-16/20Bd	(AB)
XPA2	12106	2-10	1520	Sat	08213 00001 00000 33661	MFSK-16/20Bd	(AB)
XPA2	10906	2-10	1540	Sat	08213 00001 00000 33661	MFSK-16/20Bd	(AB)
XPA2	14469	3-10	1200	Sun	01251 00202 86260 ... 70105 25270 47276	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	16169	3-10	1220	Sun	01251 00202 86260 ... 70105 25270 47276	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	17469	3-10	1240	Sun	01251 00202 86260 ... 70105 25270 47276	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13372	4-10	0700	Mon	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	14672	4-10	0720	Mon	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	15872	4-10	0740	Mon	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	17471	4-10	0910	Mon	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB/HFD)
XPA2	16149	4-10	0930	Mon	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB/HFD)
XPA2	14406	4-10	0950	Mon	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB/HFD)
XPA2	13906	4-10	1500	Mon	08774 00001 00000 36667	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	12106	4-10	1520	Mon	08774 00001 00000 36667	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	10906	4-10	1540	Mon	08774 00001 00000 36667	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14537	5-10	1100	Tue	01646 00001 00000 37255	MFSK-16/20Bd	(AB)
XPA2	13437	5-10	1120	Tue	01646 00001 00000 37255	MFSK-16/20Bd	(AB)
XPA2	10737	5-10	1140	Tue	01646 00001 00000 37255	MFSK-16/20Bd	(AB)
XPA2	14469	5-10	1200	Tue	09030 00162 64201 ... 73204 65062 13464	MFSK-16/20Bd	(AB)
XPA2	16169	5-10	1220	Tue	09030 00162 64201 ... 73204 65062 13464	MFSK-16/20Bd	(AB)
XPA2	17469	5-10	1240	Tue	09030 00162 64201 ... 73204 65062 13464	MFSK-16/20Bd	(AB)
XPA2	13542	5-10	1600	Tue	00312 00278 43514 ... 72329 99494 52313	MFSK-16/20Bd	(AB)
XPA2	12142	5-10	1620	Tue	00312 00278 43514 ... 72329 99494 52313	MFSK-16/20Bd	(AB)
XPA2	11442	5-10	1640	Tue	00312 00278 43514 ... 72329 99494 52313	MFSK-16/20Bd	(AB)
XPA2	13372	6-10	0700	Wed	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	14672	6-10	0720	Wed	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	15872	6-10	0740	Wed	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	17471	6-10	0910	Wed	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB)
XPA2	16149	6-10	0930	Wed	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB)
XPA2	14406	6-10	0950	Wed	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB)

XPA2	14672	6-10	1100	Wed	06473 00110 45975 ... 00029 88986 16236	MFSK-16/20Bd	(AB)
XPA2	13472	6-10	1120	Wed	06473 00110 45975 ... 00029 88986 16236	MFSK-16/20Bd	(AB)
XPA2	12172	6-10	1140	Wed	06473 00110 45975 ... 00029 88986 16236	MFSK-16/20Bd	(AB)
XPA2	13452	6-10	1200	Wed	02285 00162 02583 ... 29331 86867 24324	MFSK-16/20Bd	(AB/HFD)
XPA2	14452	6-10	1220	Wed	02285 00162 02583 ... 29331 86867 24324	MFSK-16/20Bd	(AB/HFD)
XPA2	15852	6-10	1240	Wed	02285 00162 02583 ... 29331 86867 24324	MFSK-16/20Bd	(AB/HFD)
XPA2	17438	7-10	0910	Thu	08461 00001 00000 33666	MFSK-16/20Bd	(AB)
XPA2	16338	7-10	0930	Thu	08461 00001 00000 33666	MFSK-16/20Bd	(AB)
XPA2	15938	7-10	0950	Thu	08461 00001 00000 33666	MFSK-16/20Bd	(AB)
XPA2	14672	7-10	1100	Thu	06473 00110 45975 ... 00029 88986 16236	MFSK-16/20Bd	(AB/MPJ)
XPA2	13472	7-10	1120	Thu	06473 00110 45975 ... 00029 88986 16236	MFSK-16/20Bd	(AB/MPJ)
XPA2	12172	7-10	1140	Thu	06473 00110 45975 ... 00029 88986 16236	MFSK-16/20Bd	(AB/MPJ)
XPA2	13542	7-10	1600	Thu	00312 00278 43514 ... 72329 99494 52313	MFSK-16/20Bd	(AB)
XPA2	12142	7-10	1620	Thu	00312 00278 43514 ... 72329 99494 52313	MFSK-16/20Bd	(AB)
XPA2	11442	7-10	1640	Thu	00312 00278 43514 ... 72329 99494 52313	MFSK-16/20Bd	(AB)
XPA2	14537	8-10	1100	Fri	04876 00001 00000 40263	MFSK-16/20Bd	(AB/MPJ)
XPA2	13437	8-10	1120	Fri	04876 00001 00000 40263	MFSK-16/20Bd	(AB/MPJ)
XPA2	10737	8-10	1140	Fri	04876 00001 00000 40263	MFSK-16/20Bd	(AB/MPJ)
XPA2	13452	8-10	1200	Fri	02285 00162 02583 ... 29331 86867 24324	MFSK-16/20Bd	(AB/RL-HOL)
XPA2	14452	8-10	1220	Fri	02285 00162 02583 ... 29331 86867 24324	MFSK-16/20Bd	(AB)
XPA2	15852	8-10	1240	Fri	02285 00162 02583 ... 29331 86867 24324	MFSK-16/20Bd	(AB/RL-HOL)
XPA2	17438	9-10	0910	Sat	07461 00001 00000 33665	MFSK-16/20Bd	(AB)
XPA2	16338	9-10	0930	Sat	07461 00001 00000 33665	MFSK-16/20Bd	(AB)
XPA2	15938	9-10	0950	Sat	07461 00001 00000 33665	MFSK-16/20Bd	(AB)
XPA2	13906	9-10	1500	Sat	04591 00001 00000 34265	MFSK-16/20Bd	(AB/RL-HOL)
XPA2	12106	9-10	1520	Sat	04591 00001 00000 34265	MFSK-16/20Bd	(AB/RL-HOL)
XPA2	10906	9-10	1540	Sat	04591 00001 00000 34265	MFSK-16/20Bd	(AB)
XPA2	14469	10-10	1200	Sun	09030 00162 64201 ... 73204 65062 13464	MFSK-16/20Bd	(AB/MPJ)
XPA2	16169	10-10	1220	Sun	09030 00162 64201 ... 73204 65062 13464	MFSK-16/20Bd	(AB/MPJ)
XPA2	17469	10-10	1240	Sun	09030 00162 64201 ... 73204 65062 13464	MFSK-16/20Bd	(AB/MPJ)
XPA2	13372	11-10	0700	Mon	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	14672	11-10	0720	Mon	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	15872	11-10	0740	Mon	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	17471	11-10	0910	Mon	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB)
XPA2	16149	11-10	0930	Mon	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB)
XPA2	14406	11-10	0950	Mon	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB)
XPA2	13906	11-10	1500	Mon	03137 00001 00000 35256	MFSK-16/20Bd	(AB)
XPA2	12106	11-10	1520	Mon	03137 00001 00000 35256	MFSK-16/20Bd	(AB)
XPA2	10906	11-10	1540	Mon	03137 00001 00000 35256	MFSK-16/20Bd	(AB)
XPA2	14537	12-10	1100	Tue	00705 00024 93567 ... 64069 74973 62476	MFSK-16/20Bd	(AB)
XPA2	13437	12-10	1120	Tue	00705 00024 93567 ... 64069 74973 62476	MFSK-16/20Bd	(AB)
XPA2	10737	12-10	1140	Tue	00705 00024 93567 ... 64069 74973 62476	MFSK-16/20Bd	(AB)

XPA2	14469	12-10	1200	Tue	00497 00198 32065 ... 95494 75311 44763	MFSK-16/20Bd	(AB)
XPA2	16169	12-10	1220	Tue	00497 00198 32065 ... 95494 75311 44763	MFSK-16/20Bd	(AB)
XPA2	17469	12-10	1240	Tue	00497 00198 32065 ... 95494 75311 44763	MFSK-16/20Bd	(AB)
XPA2	13542	12-10	1600	Tue	09451 00001 00000 33666	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	12142	12-10	1620	Tue	09451 00001 00000 33666	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	11442	12-10	1640	Tue	09451 00001 00000 33666	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13372	13-10	0700	Wed	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	14672	13-10	0720	Wed	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	15872	13-10	0740	Wed	01958 00105 37636 ... 14620 84284 44314	MFSK-16/20bd	(AB)
XPA2	17471	13-10	0910	Wed	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB)
XPA2	16149	13-10	0930	Wed	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB)
XPA2	14406	13-10	0950	Wed	00808 00077 36236 ... 16853 08420 41206	MFSK-16/20Bd	(AB)
XPA2	14672	13-10	1100	Wed	03587 00084 21415 ... 27674 56061 61063	MFSK-16/20Bd	(AB/HFD)
XPA2	13472	13-10	1120	Wed	03587 00084 21415 ... 27674 56061 61063	MFSK-16/20Bd	(AB/HFD)
XPA2	12172	13-10	1140	Wed	03587 00084 21415 ... 27674 56061 61063	MFSK-16/20Bd	(AB/HFD)
XPA2	13452	13-10	1200	Wed	00693 00142 53294 ... 40099 37503 63431	MFSK-16/20Bd	(AB)
XPA2	14452	13-10	1220	Wed	00693 00142 53294 ... 40099 37503 63431	MFSK-16/20Bd	(AB)
XPA2	15852	13-10	1240	Wed	00693 00142 53294 ... 40099 37503 63431	MFSK-16/20Bd	(AB)
XPA2	17438	14-10	0910	Thu	00279 00058 23816 ... 95606 78231 60707	MFSK-16/20Bd	(AB)
XPA2	16338	14-10	0930	Thu	00279 00058 23816 ... 95606 78231 60707	MFSK-16/20Bd	(AB)
XPA2	15938	14-10	0950	Thu	00279 00058 23816 ... 95606 78231 60707	MFSK-16/20Bd	(AB)
XPA2	14672	14-10	1100	Thu	03587 00084 21415 ... 27674 56061 61063	MFSK-16/20Bd	(AB/MPJ)
XPA2	13472	14-10	1120	Thu	03587 00084 21415 ... 27674 56061 61063	MFSK-16/20Bd	(AB/MPJ)
XPA2	12172	14-10	1140	Thu	03587 00084 21415 ... 27674 56061 61063	MFSK-16/20Bd	(AB/MPJ)
XPA2	13542	14-10	1600	Thu	07465 00001 00000 35665	MFSK-16/20Bd	(AB)
XPA2	12142	14-10	1620	Thu	07465 00001 00000 35665	MFSK-16/20Bd	(AB)
XPA2	11442	14-10	1640	Thu	07465 00001 00000 35665	MFSK-16/20Bd	(AB)
XPA2	14537	15-10	1100	Fri	00705 00024 93567 ... 64069 74973 62476	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13437	15-10	1120	Fri	00705 00024 93567 ... 64069 74973 62476	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	10737	15-10	1140	Fri	00705 00024 93567 ... 64069 74973 62476	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13452	15-10	1200	Fri	00693 00142 53294 ... 40099 37503 63431	MFSK-16/20Bd	(AB)
XPA2	14452	15-10	1220	Fri	00693 00142 53294 ... 40099 37503 63431	MFSK-16/20Bd	(AB)
XPA2	15852	15-10	1240	Fri	00693 00142 53294 ... 40099 37503 63431	MFSK-16/20Bd	(AB)
XPA2	17438	16-10	0910	Sat	00279 00058 23816 ... 95606 78231 60707	MFSK-16/20Bd	(AB)
XPA2	16338	16-10	0930	Sat	00279 00058 23816 ... 95606 78231 60707	MFSK-16/20Bd	(AB)
XPA2	15938	16-10	0950	Sat	00279 00058 23816 ... 95606 78231 60707	MFSK-16/20Bd	(AB)
XPA2	13906	16-10	1500	Sat	09422 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	12106	16-10	1520	Sat	09422 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	10906	16-10	1540	Sat	09422 00001 00000 34263	MFSK-16/20Bd	(AB)
XPA2	14469	17-10	1200	Sun	00497 00198 32065 ... 95494 75311 44763	MFSK-16/20Bd	(AB)
XPA2	8157	17-10	1210	Sun	09663 00086 21656 ... 20623 10347 10507	MFSK-16/20Bd	(AB)
XPA2	16169	17-10	1220	Sun	00497 00198 32065 ... 95494 75311 44763	MFSK-16/20Bd	(AB)

XPA2	17469	17-10	1240	Sun	00497 00198 32065 ... 95494 75311 44763	MFSK-16/20Bd	(AB)
XPA2	13372	18-10	0700	Mon	02166 00001 00000 34660	MFSK-16/20bd	(AB)
XPA2	14672	18-10	0720	Mon	02166 00001 00000 34660	MFSK-16/20bd	(AB)
XPA2	15872	18-10	0740	Mon	02166 00001 00000 34660	MFSK-16/20bd	(AB)
XPA2	17471	18-10	0910	Mon	04208 00001 00000 36244	MFSK-16/20Bd	(AB)
XPA2	16149	18-10	0930	Mon	04208 00001 00000 36244	MFSK-16/20Bd	(AB)
XPA2	14406	18-10	0950	Mon	04208 00001 00000 36244	MFSK-16/20Bd	(AB)
XPA2	13906	18-10	1500	Mon	07714 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	12106	18-10	1520	Mon	07714 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	10906	18-10	1540	Mon	07714 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	14537	19-10	1100	Tue	04716 00078 37711 ... 87703 49298 31450	MFSK-16/20Bd	(AB/MPJ)
XPA2	13437	19-10	1120	Tue	04716 00078 37711 ... 87703 49298 31450	MFSK-16/20Bd	(AB/MPJ)
XPA2	10737	19-10	1140	Tue	04716 00078 37711 ... 87703 49298 31450	MFSK-16/20Bd	(AB/MPJ)
XPA2	14469	19-10	1200	Tue	04464 00146 47559 ... 43472 62004 42107	MFSK-16/20Bd	(AB)
XPA2	16169	19-10	1220	Tue	04464 00146 47559 ... 43472 62004 42107	MFSK-16/20Bd	(AB)
XPA2	17469	19-10	1240	Tue	04464 00146 47559 ... 43472 62004 42107	MFSK-16/20Bd	(AB)
XPA2	13542	19-10	1600	Tue	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB)
XPA2	12142	19-10	1620	Tue	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB)
XPA2	11442	19-10	1640	Tue	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB)
XPA2	13372	20-10	0700	Wed	01582 00001 00000 34661	MFSK-16/20bd	(AB)
XPA2	14672	20-10	0720	Wed	01582 00001 00000 34661	MFSK-16/20bd	(AB)
XPA2	15872	20-10	0740	Wed	01582 00001 00000 34661	MFSK-16/20bd	(AB)
XPA2	17471	20-10	0910	Wed	08699 00001 00000 40671	MFSK-16/20Bd	(AB)
XPA2	16149	20-10	0930	Wed	08699 00001 00000 40671	MFSK-16/20Bd	(AB)
XPA2	14406	20-10	0950	Wed	08699 00001 00000 40671	MFSK-16/20Bd	(AB)
XPA2	14672	20-10	1100	Wed	07157 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	13472	20-10	1120	Wed	07157 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	12172	20-10	1140	Wed	07157 00001 00000 35264	MFSK-16/20Bd	(AB)
XPA2	13452	20-10	1200	Wed	00724 00032 58310 ... 42115 43105 54206	MFSK-16/20Bd	(AB)
XPA2	14452	20-10	1220	Wed	00724 00032 58310 ... 42115 43105 54206	MFSK-16/20Bd	(AB)
XPA2	15852	20-10	1240	Wed	00724 00032 58310 ... 42115 43105 54206	MFSK-16/20Bd	(AB)
XPA2	17438	21-10	0910	Thu	02064 00066 74123 ... 03568 65642 42764	MFSK-16/20Bd	(AB)
XPA2	16338	21-10	0930	Thu	02064 00066 74123 ... 03568 65642 42764	MFSK-16/20Bd	(AB)
XPA2	15938	21-10	0950	Thu	02064 00066 74123 ... 03568 65642 42764	MFSK-16/20Bd	(AB)
XPA2	14672	21-10	1100	Thu	05286 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	13472	21-10	1120	Thu	05286 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	12172	21-10	1140	Thu	05286 00001 00000 35265	MFSK-16/20Bd	(AB)
XPA2	13542	21-10	1600	Thu	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB/MPJ)
XPA2	12142	21-10	1620	Thu	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB/MPJ)
XPA2	11442	21-10	1640	Thu	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB/MPJ)
XPA2	14537	22-10	1100	Fri	04716 00078 37711 ... 87703 49298 31450	MFSK-16/20Bd	(AB/MPJ)
XPA2	13437	22-10	1120	Fri	04716 00078 37711 ... 87703 49298 31450	MFSK-16/20Bd	(AB/MPJ)

XPA2	10737	22-10	1140	Fri	04716 00078 37711 ... 87703 49298 31450	MFSK-16/20Bd	(AB/MPJ)
XPA2	13452	22-10	1200	Fri	00724 00032 58310 ... 42115 43105 54206	MFSK-16/20Bd	(AB)
XPA2	14452	22-10	1220	Fri	00724 00032 58310 ... 42115 43105 54206	MFSK-16/20Bd	(AB)
XPA2	15852	22-10	1240	Fri	00724 00032 58310 ... 42115 43105 54206	MFSK-16/20Bd	(AB)
XPA2	17438	23-10	0910	Sat	02064 00066 74123 ... 03568 65642 42764	MFSK-16/20Bd	(AB)
XPA2	16338	23-10	0930	Sat	02064 00066 74123 ... 03568 65642 42764	MFSK-16/20Bd	(AB)
XPA2	15938	23-10	0950	Sat	02064 00066 74123 ... 03568 65642 42764	MFSK-16/20Bd	(AB)
XPA2	13906	23-10	1500	Sat	05466 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	12106	23-10	1520	Sat	05466 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	10906	23-10	1540	Sat	05466 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	14469	24-10	1200	Sun	04464 00146 47559 ... 43472 62004 42107	MFSK-16/20Bd	(AB/MPJ)
XPA2	16169	24-10	1220	Sun	04464 00146 47559 ... 43472 62004 42107	MFSK-16/20Bd	(AB/MPJ)
XPA2	17469	24-10	1240	Sun	04464 00146 47559 ... 43472 62004 42107	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13372	25-10	0700	Mon	03371 00001 00000 35262	MFSK-16/20bd	(AB)
XPA2	14672	25-10	0720	Mon	03371 00001 00000 35262	MFSK-16/20bd	(AB)
XPA2	15872	25-10	0740	Mon	03371 00001 00000 35262	MFSK-16/20bd	(AB)
XPA2	17471	25-10	0910	Mon	04208 00001 00000 36244	MFSK-16/20Bd	(AB)
XPA2	16149	25-10	0930	Mon	04208 00001 00000 36244	MFSK-16/20Bd	(AB)
XPA2	14406	25-10	0950	Mon	04208 00001 00000 36244	MFSK-16/20Bd	(AB)
XPA2	13906	25-10	1500	Mon	00496 00201 78722 ... 38806 37423 57331	MFSK-16/20Bd	(AB/MPJ)
XPA2	12106	25-10	1520	Mon	00496 00201 78722 ... 38806 37423 57331	MFSK-16/20Bd	(AB/MPJ)
XPA2	10906	25-10	1540	Mon	00496 00201 78722 ... 38806 37423 57331	MFSK-16/20Bd	(AB/MPJ)
XPA2	14537	26-10	1100	Tue	01858 00001 00000 41256	MFSK-16/20Bd	(AB/MPJ)
XPA2	13437	26-10	1120	Tue	01858 00001 00000 41256	MFSK-16/20Bd	(AB/MPJ)
XPA2	10737	26-10	1140	Tue	01858 00001 00000 41256	MFSK-16/20Bd	(AB/MPJ)
XPA2	14469	26-10	1200	Tue	00309 00206 49978 ... 06547 30373 52457	MFSK-16/20Bd	(AB/MPJ)
XPA2	16169	26-10	1220	Tue	00309 00206 49978 ... 06547 30373 52457	MFSK-16/20Bd	(AB/MPJ)
XPA2	17469	26-10	1240	Tue	00309 00206 49978 ... 06547 30373 52457	MFSK-16/20Bd	(AB/MPJ)
XPA2	13542	26-10	1600	Tue	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB)
XPA2	12142	26-10	1620	Tue	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB)
XPA2	11442	26-10	1640	Tue	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB)
XPA2	13372	27-10	0700	Wed	09750 00001 00000 34666	MFSK-16/20bd	(AB)
XPA2	14672	27-10	0720	Wed	09750 00001 00000 34666	MFSK-16/20bd	(AB)
XPA2	15872	27-10	0740	Wed	09750 00001 00000 34666	MFSK-16/20bd	(AB)
XPA2	17471	27-10	0910	Wed	05593 00099 67760 ... 57806 14912 07370	MFSK-16/20Bd	(AB)
XPA2	16149	27-10	0930	Wed	05593 00099 67760 ... 57806 14912 07370	MFSK-16/20Bd	(AB)
XPA2	14406	27-10	0950	Wed	05593 00099 67760 ... 57806 14912 07370	MFSK-16/20Bd	(AB)
XPA2	14672	27-10	1100	Wed	02653 00082 41297 ... 90463 19642 22355	MFSK-16/20Bd	(AB/HFD)
XPA2	13472	27-10	1120	Wed	02653 00082 41297 ... 90463 19642 22355	MFSK-16/20Bd	(AB/HFD)
XPA2	12172	27-10	1140	Wed	02653 00082 41297 ... 90463 19642 22355	MFSK-16/20Bd	(AB/EW/HFD)
XPA2	13452	27-10	1200	Wed	00382 00188 13099 ... 25941 80964 24223	MFSK-16/20Bd	(AB/MPJ)
XPA2	14452	27-10	1220	Wed	00382 00188 13099 ... 25941 80964 24223	MFSK-16/20Bd	(AB/MPJ)

XPA2	15852	27-10	1240	Wed	00382 00188 13099 ... 25941 80964 24223	MFSK-16/20Bd	(AB/MPJ)
XPA2	17438	28-10	0910	Thu	02855 00001 00000 37657	MFSK-16/20Bd	(AB)
XPA2	16338	28-10	0930	Thu	02855 00001 00000 37657	MFSK-16/20Bd	(AB)
XPA2	15938	28-10	0950	Thu	02855 00001 00000 37657	MFSK-16/20Bd	(AB)
XPA2	14672	28-10	1100	Thu	02653 00082 41297 ... 90463 19642 22355	MFSK-16/20Bd	(AB)
XPA2	13472	28-10	1120	Thu	02653 00082 41297 ... 90463 19642 22355	MFSK-16/20Bd	(AB)
XPA2	12172	28-10	1140	Thu	02653 00082 41297 ... 90463 19642 22355	MFSK-16/20Bd	(AB/EW)
XPA2	13542	28-10	1600	Thu	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB/MPJ)
XPA2	12142	28-10	1620	Thu	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB/MPJ)
XPA2	11442	28-10	1640	Thu	07585 00206 07603 ... 37631 81585 17570	MFSK-16/20Bd	(AB/MPJ)
XPA2	14537	29-10	1100	Fri	06884 00001 00000 37266	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13437	29-10	1120	Fri	06884 00001 00000 37266	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	10737	29-10	1140	Fri	06884 00001 00000 37266	MFSK-16/20Bd	(AB/MPJ)
XPA2	13452	29-10	1200	Fri	00382 00188 13099 ... 25941 80964 24223	MFSK-16/20Bd	(AB/MPJ)
XPA2	14452	29-10	1220	Fri	00382 00188 13099 ... 25941 80964 24223	MFSK-16/20Bd	(AB/MPJ)
XPA2	15852	29-10	1240	Fri	00382 00188 13099 ... 25941 80964 24223	MFSK-16/20Bd	(AB/MPJ)
XPA2	17438	30-10	0910	Sat	08704 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	16338	30-10	0930	Sat	08704 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	15938	30-10	0950	Sat	08704 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	13906	30-10	1500	Sat	00496 00201 78722 ... 38806 37423 57331	MFSK-16/20Bd	(AB)
XPA2	12106	30-10	1520	Sat	00496 00201 78722 ... 38806 37423 57331	MFSK-16/20Bd	(AB)
XPA2	10906	30-10	1540	Sat	00496 00201 78722 ... 38806 37423 57331	MFSK-16/20Bd	(AB)
XPA2	14469	31-10	1200	Sun	00309 00206 49978 ... 06547 30373 52457	MFSK-16/20Bd	(AB/MPJ)
XPA2	16169	31-10	1220	Sun	00309 00206 49978 ... 06547 30373 52457	MFSK-16/20Bd	(AB/MPJ)
XPA2	17469	31-10	1240	Sun	00309 00206 49978 ... 06547 30373 52457	MFSK-16/20Bd	(AB/MPJ/RL)
XPB1	7649	1-10	1705	Fri	Russian intel.	MFSK-16	(AB)
XPB1	8148	1-10	1720	Fri	Russian intel.	MFSK-16	(AB)
XPB1	8094	1-10	1725	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16245	2-10	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15825	2-10	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14925	2-10	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13525	2-10	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18246	2-10	1130	Sat	Russian intel test transmission	MFSK-16	(T101)
XPB1	18379	2-10	1135	Sat	Russian intel test transmission	MFSK-16	(T101)
XPB1	12125	2-10	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17424	2-10	1140	Sat	Russian intel test transmission	MFSK-16	(T101)
XPB1	17454	2-10	1145	Sat	Russian intel test transmission	MFSK-16	(T101)
XPB1	11425	2-10	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18246	2-10	1150	Sat	Russian intel test transmission	MFSK-16	(T101)
XPB1	14462	2-10	1200	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	13962	2-10	1210	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	13462	2-10	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)

XPB1	12162	2-10	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	11562	2-10	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	10962	2-10	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	9323	3-10	1900	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	8123	3-10	1910	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	7723	3-10	1920	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6923	3-10	1930	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5823	3-10	1940	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5123	3-10	1950	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13471	4-10	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14771	4-10	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15871	4-10	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16271	4-10	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17471	4-10	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18271	4-10	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14462	4-10	1200	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13962	4-10	1210	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13462	4-10	1220	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12162	4-10	1230	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11562	4-10	1240	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10962	4-10	1250	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13471	5-10	0500	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14771	5-10	0510	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	15871	5-10	0520	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16271	5-10	0530	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	17471	5-10	0540	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	18271	5-10	0550	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9323	5-10	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8123	5-10	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7723	5-10	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6923	5-10	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5823	5-10	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5123	5-10	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16245	6-10	1100	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15825	6-10	1110	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14925	6-10	1120	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13525	6-10	1130	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12125	6-10	1140	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11425	6-10	1150	Wed	Russian intel.	MFSK-16	(AB)
XPB1	16245	9-10	1100	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15825	9-10	1110	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14925	9-10	1120	Sat	Russian intel.	MFSK-16	(AB/MPJ)

XPB1	13525	9-10	1130	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12125	9-10	1140	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11425	9-10	1150	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14462	9-10	1200	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13962	9-10	1210	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13462	9-10	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12162	9-10	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11562	9-10	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10962	9-10	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	9323	10-10	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8123	10-10	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7723	10-10	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6923	10-10	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5823	10-10	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5123	10-10	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13471	11-10	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14771	11-10	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15871	11-10	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16271	11-10	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17471	11-10	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18271	11-10	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14462	11-10	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13962	11-10	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13462	11-10	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12162	11-10	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11562	11-10	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10962	11-10	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13471	12-10	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14771	12-10	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15871	12-10	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16271	12-10	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17471	12-10	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18271	12-10	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9323	12-10	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8123	12-10	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7723	12-10	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6923	12-10	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5823	12-10	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5123	12-10	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16245	13-10	1100	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	15825	13-10	1110	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14925	13-10	1120	Wed	Russian intel.	MFSK-16	(AB/HFD)

XPB1	13525	13-10	1130	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12125	13-10	1140	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11425	13-10	1150	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	8157	16-10	0610	Sat	Russian intel.	MKSK-16	(AB)
XPB1	8148	16-10	0620	Sat	Russian intel.	MKSK-16	(AB)
XPB1	8084	16-10	0625	Sat	Russian intel.	MKSK-16	(AB)
XPB1	16245	16-10	1100	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15825	16-10	1110	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14925	16-10	1120	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13525	16-10	1130	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12125	16-10	1140	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11425	16-10	1150	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14462	16-10	1200	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13962	16-10	1210	Sat	Russian intel.	MFSK-16	(AB/PW2/MPJ)
XPB1	13462	16-10	1220	Sat	Russian intel.	MFSK-16	(AB/PW2/MPJ)
XPB1	12162	16-10	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11562	16-10	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10962	16-10	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	7534	17-10	1430	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7649	17-10	1435	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8157	17-10	1440	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9238	17-10	1445	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8148	17-10	1450	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8094	17-10	1455	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9323	17-10	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8123	17-10	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7723	17-10	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6923	17-10	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5823	17-10	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5123	17-10	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13471	18-10	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14771	18-10	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15871	18-10	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16271	18-10	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17471	18-10	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18271	18-10	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14462	18-10	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13962	18-10	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13462	18-10	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	12162	18-10	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	11562	18-10	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10962	18-10	1250	Mon	Russian intel.	MFSK-16	(AB)

XPB1	13471	19-10	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14771	19-10	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15871	19-10	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16271	19-10	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17471	19-10	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18271	19-10	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9323	19-10	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8123	19-10	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7723	19-10	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6923	19-10	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5823	19-10	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5123	19-10	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16245	20-10	1100	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15825	20-10	1110	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14925	20-10	1120	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13525	20-10	1130	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12125	20-10	1140	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11425	20-10	1150	Wed	Russian intel.	MFSK-16	(AB)
XPB1	7534	20-10	1700	Wed	Russian intel.	MFSK-16	(AB)
XPB1	17472	22-10	0700	Fri	Russian intel.	MFSK-16	(AB)
XPB1	16306	22-10	0715	Fri	Russian intel.	MFSK-16	(AB)
XPB1	15856	22-10	0720	Fri	Russian intel.	MFSK-16	(AB)
XPB1	8145	22-10	1300	Fri	Russian intel.	MFSK-16	(AB)
XPB1	7751	22-10	1310	Fri	Russian intel.	MFSK-16	(AB)
XPB1	6954	22-10	1320	Fri	Russian intel.	MFSK-16	(AB)
XPB1	8107	22-10	1600	Fri	Russian intel.	MFSK-16	(AB)
XPB1	7543	22-10	1610	Fri	Russian intel.	MFSK-16	(AB)
XPB1	6843	22-10	1620	Fri	Russian intel.	MFSK-16	(AB)
XPB1	7534	22-10	1705	Fri	Russian intel.	MFSK-16	(AB)
XPB1	6843	22-10	1710	Fri	Russian intel.	MFSK-16	(AB)
XPB1	5875	22-10	1720	Fri	Russian intel.	MFSK-16	(AB)
XPB1	17472	23-10	0700	Sat	Russian intel.	MFSK-16	(AB)
XPB1	20083	23-10	0700	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16306	23-10	0710	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19309	23-10	0710	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15856	23-10	0720	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18238	23-10	0720	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17442	23-10	0800	Sat	Russian intel.	MFSK-16	(AB)
XPB1	20658	23-10	0800	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16153	23-10	0820	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19548	23-10	0820	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15964	23-10	0840	Sat	Russian intel.	MFSK-16	(AB)

XPB1	18058	23-10	0840	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16245	23-10	1100	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15825	23-10	1110	Sat	Russian intel. 4min 29sec message	MFSK-16	(EW)
XPB1	15825	23-10	1110	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15825	23-10	1110	Sat	Russian intel.	MFSK-16	(AB/EW)
XPB1	14354	23-10	1120	Sat	Russian intel. 2min 54sec message	MFSK-16	(EW)
XPB1	14925	23-10	1120	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13525	23-10	1130	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12125	23-10	1140	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11425	23-10	1150	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12214	23-10	1200	Sat	Russian intel. 8 minutes message	MFSK-16	(EW)
XPB1	13393	23-10	1200	Sat	Russian intel. 6min 40sec message	MFSK-16	(EW)
XPB1	14462	23-10	1200	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12214	23-10	1209	Sat	Russian intel. 6min 40sec message	MFSK-16	(EW)
XPB1	13962	23-10	1210	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13462	23-10	1220	Sat	Russian intel. 1min 30sec message	MFSK-16	(EW)
XPB1	13462	23-10	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ/EW)
XPB1	12162	23-10	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ/EW)
XPB1	11562	23-10	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10962	23-10	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10154	23-10	1400	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9387	23-10	1410	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9057	23-10	1420	Sat	Russian intel.	MFSK-16	(AB)
XPB1	8136	23-10	1430	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7465	23-10	1440	Sat	Russian intel.	MFSK-16	(AB)
XPB1	6726	23-10	1450	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17472	24-10	0700	Sun	Russian intel.	MFSK-16	(AB)
XPB1	20083	24-10	0700	Sun	Russian intel.	MFSK-16	(AB)
XPB1	16306	24-10	0710	Sun	Russian intel.	MFSK-16	(AB)
XPB1	15856	24-10	0720	Sun	Russian intel.	MFSK-16	(AB)
XPB1	18238	24-10	0720	Sun	Russian intel.	MFSK-16	(AB)
XPB1	17442	24-10	0800	Sun	Russian intel.	MFSK-16	(AB)
XPB1	20658	24-10	0800	Sun	Russian intel.	MFSK-16	(AB)
XPB1	16153	24-10	0820	Sun	Russian intel.	MFSK-16	(AB)
XPB1	19548	24-10	0820	Sun	Russian intel.	MFSK-16	(AB)
XPB1	15964	24-10	0840	Sun	Russian intel.	MFSK-16	(AB)
XPB1	18058	24-10	0840	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8145	24-10	1300	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7751	24-10	1310	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6954	24-10	1312	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10154	24-10	1400	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9387	24-10	1410	Sun	Russian intel.	MFSK-16	(AB)

XPB1	9057	24-10	1420	Sun	Russian intel	MFSK-16	(AB)
XPB1	8136	24-10	1430	Sun	Russian intel	MFSK-16	(AB)
XPB1	7465	24-10	1440	Sun	Russian intel	MFSK-16	(AB)
XPB1	6726	24-10	1450	Sun	Russian intel	MFSK-16	(AB)
XPB1	9323	24-10	1900	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	8123	24-10	1910	Sun	Russian intel.	MFSK-16	(AB/RL)
XPB1	7723	24-10	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6923	24-10	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5823	24-10	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	5123	24-10	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13471	25-10	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14771	25-10	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15871	25-10	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16271	25-10	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17471	25-10	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	18271	25-10	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14462	25-10	1200	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13962	25-10	1210	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13462	25-10	1220	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	12162	25-10	1230	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	11562	25-10	1240	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	10962	25-10	1250	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13471	26-10	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14771	26-10	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15871	26-10	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16271	26-10	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17471	26-10	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	18271	26-10	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12916	26-10	1118	Tue	Russian intel.	MFSK-16	(EW)
XPB1	11123	26-10	1220	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13545	26-10	1230	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10154	26-10	1400	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9387	26-10	1410	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9057	26-10	1420	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8136	26-10	1430	Tue	Russian intel.	MFSK-16	(AB)
XPB1	7465	26-10	1440	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6726	26-10	1450	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9323	26-10	1900	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	8123	26-10	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	7723	26-10	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	6923	26-10	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	5823	26-10	1940	Tue	Russian intel.	MFSK-16	(AB)

XPB1	5123	26-10	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17442	27-10	0800	Wed	Russian intel	MFSK-16	(AB)
XPB1	20658	27-10	0800	Wed	Russian intel.	MFSK-16	(AB)
XPB1	16153	27-10	0820	Wed	Russian intel.	MFSK-16	(AB)
XPB1	19548	27-10	0820	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15964	27-10	0840	Wed	Russian intel.	MFSK-16	(AB)
XPB1	18058	27-10	0840	Wed	Russian intel.	MFSK-16	(AB)
XPB1	16245	27-10	1100	Wed	Russian intel.	MFSK-16	(AB)
XPB1	15825	27-10	1110	Wed	Russian intel.	MFSK-16	(AB)
XPB1	14925	27-10	1120	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13525	27-10	1130	Wed	Russian intel.	MFSK-16	(AB)
XPB1	12125	27-10	1140	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11425	27-10	1150	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11453	27-10	1300	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10434	27-10	1310	Wed	Russian intel.	MFSK-16	(AB)
XPB1	10154	27-10	1400	Wed	Russian intel.	MFSK-16	(AB)
XPB1	9387	27-10	1410	Wed	Russian intel.	MFSK-16	(AB)
XPB1	9057	27-10	1420	Wed	Russian intel.	MFSK-16	(AB)
XPB1	8136	27-10	1430	Wed	Russian intel.	MFSK-16	(AB)
XPB1	7465	27-10	1440	Wed	Russian intel.	MFSK-16	(AB)
XPB1	6726	27-10	1450	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13959	28-10	1035	Thu	Russian intel. 2min message	MFSK-16	(EW)
XPB1	16306	29-10	0710	Fri	Russian intel.	MFSK-16	(AB)
XPB1	15856	29-10	0720	Fri	Russian intel.	MFSK-16	(AB)
XPB1	8145	29-10	1300	Fri	Russian intel.	MFSK-16	(AB)
XPB1	7751	29-10	1310	Fri	Russian intel.	MFSK-16	(AB)
XPB1	6954	29-10	1320	Fri	Russian intel.	MFSK-16	(AB)
XPB1	20658	30-10	0800	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16153	30-10	0820	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19548	30-10	0820	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15964	30-10	0840	Sat	Russian intel.	MFSK-16	(AB)
XPB1	18058	30-10	0840	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16245	30-10	1100	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15825	30-10	1110	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14925	30-10	1120	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13525	30-10	1130	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12125	30-10	1140	Sat	Russian intel.	MFSK-16	(AB)
XPB1	11425	30-10	1150	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14462	30-10	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13962	30-10	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13462	30-10	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12162	30-10	1230	Sat	Russian intel.	MFSK-16	(AB)

XPB1	11562	30-10	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	10962	30-10	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	17472	31-10	0700	Sun	Russian intel	MFSK-16	(AB)
XPB1	20083	31-10	0700	Sun	Russian intel	MFSK-16	(AB)
XPB1	16306	31-10	0710	Sun	Russian intel	MFSK-16	(AB)
XPB1	19309	31-10	0710	Sun	Russian intel	MFSK-16	(AB)
XPB1	15856	31-10	0720	Sun	Russian intel	MFSK-16	(AB)
XPB1	18238	31-10	0720	Sun	Russian intel	MFSK-16	(AB)
XPB1	17442	31-10	0800	Sun	Russian intel	MFSK-16	(AB)
XPB1	20658	31-10	0800	Sun	Russian intel.	MFSK-16	(AB)
XPB1	16153	31-10	0820	Sun	Russian intel.	MFSK-16	(AB)
XPB1	19548	31-10	0820	Sun	Russian intel.	MFSK-16	(AB)
XPB1	15964	31-10	0840	Sun	Russian intel.	MFSK-16	(AB)
XPB1	18058	31-10	0840	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8145	31-10	1300	Sun	Russian intel	MFSK-16	(AB)
XPB1	7751	31-10	1310	Sun	Russian intel	MFSK-16	(AB)
XPB1	6954	31-10	1320	Sun	Russian intel	MFSK-16	(AB)
XPB1	10154	31-10	1400	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9387	31-10	1410	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9057	31-10	1420	Sun	Russian intel.	MFSK-16	(AB)
XPB1	8136	31-10	1430	Sun	Russian intel.	MFSK-16	(AB)
XPB1	7465	31-10	1440	Sun	Russian intel.	MFSK-16	(AB)
XPB1	6726	31-10	1450	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9323	31-10	1900	Sun	Russian intel.	MFSK-16	(AB/MPJ/RL)
XPB1	8123	31-10	1910	Sun	Russian intel.	MFSK-16	(AB/MPJ/RL)
XPB1	7723	31-10	1920	Sun	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	6923	31-10	1930	Sun	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	5823	31-10	1940	Sun	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	5123	31-10	1950	Sun	Russian intel.	MFSK-16	(AB/MPJ)
XSL	4231.5	21-10	0455	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	4291	21-10	0455	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6250	21-10	0455	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6417	21-10	0455	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	6445	21-10	0455	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8313	21-10	0455	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)
XSL	8587.5	21-10	0455	Thu	Japanese Navy a.k.a. Slot Machine	QPSK 1500Bd	(AB-J)

CONTRIBUTORS

AB	Ary Boender, Netherlands	HFD	Hans-Friedrich Dumrese, Germany
Abder	Abder	HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia
AB-FIN	Ary Boender via remote rx Finland	HFD-S	Hans-Friedrich Dumrese via remote rx Sweden
AB-GRC	Ary Boender via remote rx Greece	JLM	Jack Metcalfe, KY, USA
AB-HNG	Ary Boender via remote rx Hungary	JPL	JPL, NB, Canada (and various remote rx)
AB-J	Ary Boender via remote rx Japan	JPL-CHN	JPL via remote rx China
AB-KOR	Ary Boender via remote rx South Korea	JPL-J	JPL via remote rx Japan
AB-KWT	Ary Boender via remote rx Kuwait	JPL-RUS	JPL via remote rx Russia
AB-POL	Ary Boender via remote rx Poland	JU	Jay Updike, W. Europe
AB-RUS	Ary Boender via remote rx Russia	Kalv	Kalvados
AB-TWN	Ary Boender via remote rx Taiwan	MPJ	Jim, SW England
AB-UKR	Ary Boender via remote rx Ukraine	MPJ-HNG	Jim via remote rx Hungary
AB-USA	Ary Boender via remote rx USA	MPJ-HOL	Jim via remote rx Netherlands
AnEur	Anonymous Europe	Priyom	Priyom.org
Anon	Anonymous	PW2	Parkeerwacht, The Netherlands
BV2	Balsamic Vinegar via Pryom	PY	Pierre Ynard, France and via remote rx
ChPa	Christer, Sweden	RL	Roberto Landolpho, Brazil
Dan	Daniel LU5EMM, Argentina	RL-HOL	Landolpho via remote rx Netherlands
ES-HOL	Edward Smith via remote rx Netherlands	RL-J	Roberto Landolpho via remote rx Japan
EW	Eddy Waters, Australia	RR2	Rich Ray, IL, USA
F5JBR	F5JBR André, France	Sublio	Sublio
GHn	Gary Hagermann, UK	T101	radiotehnikaT101 via Priyom
Gwr	Gwraspe	WP3	Wolfgang Palmberger

Designators

Prefixes

E	English language
F	FSK (Frequency Shift Keying) modes
G	German language
HM	Hybrids of analog and digital 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

Active voice stations

Code	Language	Origin	Related stations
E06	English	Russia	G06, 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, S06, S06b, S06c, M14, F01, F06, F06a
S06	Russian	Russia	E06, G06, S06b, S06c, M14, F01, F06, F06a
S06b	Russian	Russia	E06, G06, S06, S06c, M14, F01, F06, F06a
S06c	Russian	Russian	E06, G06, 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

Active morse stations

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, 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
UM10	Morse	?	

Active digital stations

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
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	Itzien
3	Three	Trois	Drei	San	Tres	Tri	Talata
4	Four	Quatre	Vier	Si	Cuatro	Chety're	Arba`a
5	Five	Cinq	Fünf	Wu	Cinco	Pyat'	Xamsa
6	Six	Six	Sechs	Liu	Seis	Shest'	Sitta
7	Seven	Sept	Sieben	Qi	Siete	Sem'	Sab`a
8	Eight	Huit	Acht	Ba	Ocho	Vósem'	Tamanya
9	Nine	Neuf	Neun	Jiu	Nueve	Dévyat'	Tiss`a

Figure	Morse	Vietnamese	E17z	S11a	G06	E11
0	— — — — —	Số không	Zero	Nul	Null	Zero
1	. — — — —	Một	Van	Adinka	Eins	One
2	.. — — —	Hai	To	Dwojka	Twso	Two
3	... — —	Ba	Fwee	Trojka	Drei	Three
4	.... —	Bô'n	Fo	Cienciorka	Vier	Four
5	Nâm	Fav	Pietiorka	Funuf	Fiver
6	—	Sáu	Six	Szest	Sechs	Six
7	— — ...	Ba | y	Seven	Siem	Sieben	Seven
8	— — — ..	Tám	Eight	Wosiem	Acht	Eight
9	— — — — .	Chín	Nine	Diewiet	Neugen	Niner
=	— . . . —					
/	—					

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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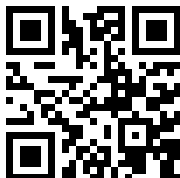
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976 27364 92886 89428 61288 74982 36498 32764 81276 81
986 48932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 70
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 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
67 87432 74328 78674 29867 32867 67867 86786 43276 486
57 68768 68763 34234 34238 68768 62342 48273 48768 230
936 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
983 98798 98754 98754 98754 98754 29867 67543 67986 86
976 87698 69876 87698 69876 87612 12341 34867 86798 652
867 43298 65656 56756 56123 32143 14321 32143 14321 321
867 87287 58765 76587 58765 76587 58765 76587 58756 765
86743 76587 76587 76587 76587 76587 76587 76587 76587 76587

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