

402 20333 42143 21307 12798 83327 10011 34433 70021 00
 314 14463 8581 19593 40593 81388 64568 12455 85781 53
 246 01075 18002 14984 53393 41368 28085 56955 58686 71
 157 41 61170 60688 60256 62652 95683 82429 48 73
 746 689 83090 07192 86437 57524 18135 26488 18047 03
 153070 90593 49368 69186 23536 24132 59165 58743
 133064 10809 86213 04685 69443 06040 32078 97693
 707856 15621 15647 84325 08096 41943 76712 55903
 384412 13741 37600 24052 72499 22656 72902 45307
 060 445 00441 53297 13677 27032 31016 61517 64 59
 343 4 37562 11190 26037 10692 45472 98800 15359 85
 390 7159 383 86835 09964 69719 42008 1038 34633 46
 507 96348 383 86835 09964 69719 42008 1038 34633 46
 715 26831 33045 36714 12445 98835 01078 60073 33264 51

Numbers & Oddities

Edition #348, September 2026

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

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

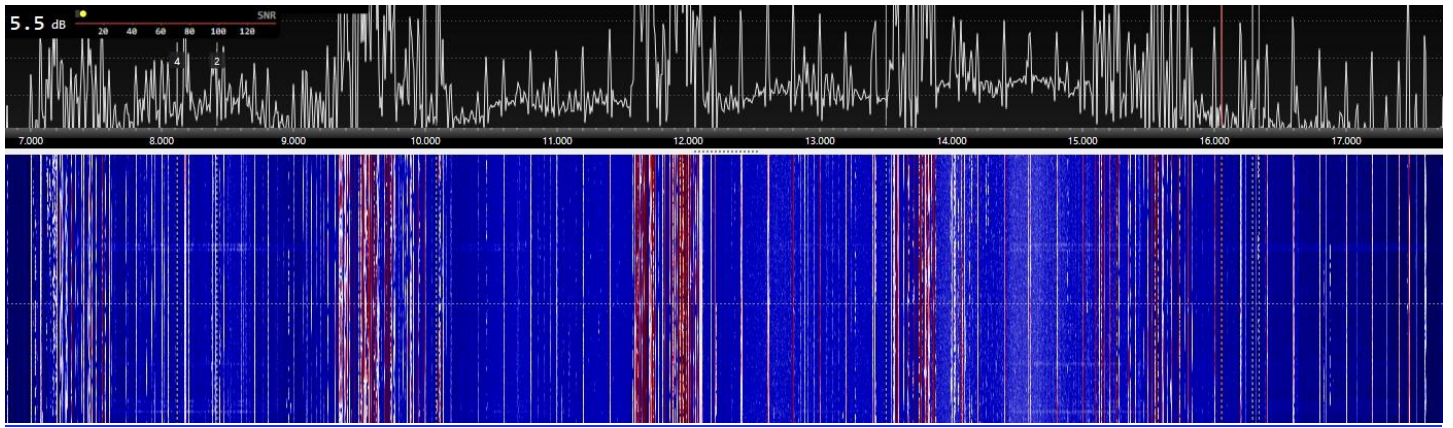


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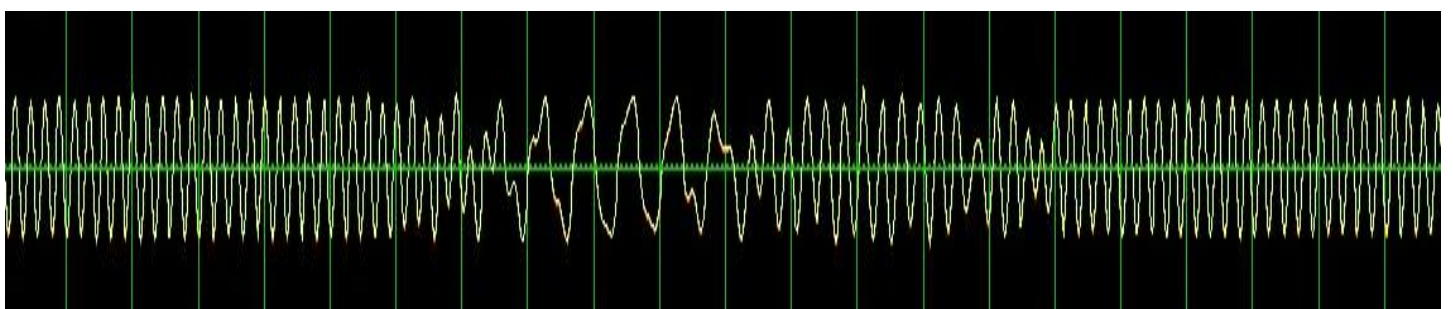


Numbers and Oddities

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NOTE FROM THE EDITOR

We have many V28 logs this month. The North Korean station was logged by HK, WLTZ and GT. E25 is also present as is M23 which was very active in September. Alas no V07 and V13 reports.

Thanks to all contributors for the logs, transcripts, recordings and tips. They are much appreciated!



VOICE STATIONS

E07

17452/16272/14875 kHz, 1500/1520/1540 UTC

17452/16272/14875 kHz, 01-09/04-09, 1500/1520/1540 UTC

428 428 428 1 9653 149 9653 149
76366 14768 15223 96923 65770 76799 66408 80079 53083 74806
24101 02214 53740 05088 53754 86540 78840 76185 89378 04656
94178 25818 23314 00173 29609 24431 85772 46500 65211 48769
74618 40349 24069 85323 74192 86198 32698 95664 71994 74327
72396 40536 22238 73196 18843 13162 97300 85545 29994 29593
56821 25952 56863 23755 80535 31356 58358 06701 94884 93529
40699 13182 61536 77972 72767 62811 38299 80516 30309 38713
98346 14515 06213 15982 27651 99980 14776 04827 96691 83795
88024 52700 40948 19708 17933 15999 39429 07084 42340 34819
81958 89244 30093 61237 21034 37186 73406 87796 02269 92210
02872 24254 83289 49886 97091 47182 06676 99518 49611 07402
68341 16128 11519 03360 24547 52015 24376 96819 42967 17205
56055 24824 25210 47735 05082 42671 89886 76091 81156 54649
97049 87888 72798 72283 19111 66336 47983 44230 52021 38406
46322 13450 34028 96474 01927 08134 99627 63480 44904 000 000

17452/16272/14875 kHz, 15-09, 1500/1520/1547 UTC. 1520z: restart after group 99

17452/16272/14875 kHz, 19-09, 1500/1520/1540 UTC

428 428 428 1 2563 178 2563 178
22306 92895 40904 53650 16189 47907 08974 09569 95874 27716
00987 97425 84292 48299 01033 32334 53951 45414 51163 85317
70296 82206 33687 88199 46875 47492 06171 98636 09817 07292
75918 37921 27794 86385 60603 34827 05222 08688 30264 14500
50071 94129 37804 03905 84979 45358 26753 66381 66531 89047
39597 84580 72115 52377 27965 68330 95857 80170 18674 62361
37447 93069 17215 42886 08400 30738 77778 85944 71932 53613
30484 03836 31973 13620 59526 48135 42210 33469 52851 46603
80877 90423 04729 87042 76407 26888 49092 09901 15634 89574
46402 38738 35204 23987 80225 30363 55068 27486 83719 98739
36946 28148 62865 21287 04589 39693 54265 64900 92762 00714
49559 79051 80147 52796 17819 56945 21830 13632 13497 63891
57303 12838 18779 31308 68511 93036 08499 45031 73830 00854
58608 67996 22883 55887 19917 76760 45615 47308 22013 32550
52279 94755 61605 73871 03796 24736 36351 25385 30783 24892
51578 43027 37030 77218 13980 39297 93041 59794 28374 19116
32370 92487 77149 85513 78373 27565 44571 65919 75790 29798
05250 96153 71667 63846 30695 03465 33963 52773 000 000

17452/16272/14875 kHz, 29-09, 1500/1520/1540 UTC

428 428 428 1 7507 73 7507 73
36107 53695 95541 15090 37477 19603 85202 77054 72852 83668
74404 79075 65242 98061 37834 72581 31481 64464 93187 99451
46729 61316 06704 83983 01864 75671 24086 38024 07079 09161
91444 18077 93291 67197 53409 71510 53331 24214 72657 78459
39671 22452 17410 97698 86362 34404 28269 41647 43891 82881
21400 42903 99867 52465 44950 06231 64620 28623 68228 43261
56980 47448 96528 45170 69948 69721 28259 48984 36511 34299
12643 00631 77338 000 000

18287/17471/16135 kHz. 1000/1020/1040 UTC

18287/17471/16135 kHz, 10-09/12-09. 1000/1025/1050 UTC

241 241 241 1 8480 182 8480 182
14358 00654 27860 15143 68899 38434 84996 12794 48795 13111
00405 51032 22498 12580 67025 37784 57482 01891 77730 63257
50429 08402 62692 20102 61992 04057 81343 90328 95947 16511
46106 29714 14538 99870 19780 77830 09876 35268 27132 48745
00132 02734 71776 56626 63561 89523 25913 76801 14999 92401
97779 76276 86933 35234 41101 63169 98601 82252 31841 04776
21964 30338 82295 58442 63436 57919 53874 94893 14545 92489
17396 75009 68374 64148 67228 61503 37352 52406 14477 52131
64071 10737 57925 19234 23072 06173 35316 43010 15698 86822
53406 67019 45000 06186 43555 52667 83137 62970 21475 80629
70948 90504 85772 82584 97018 61910 88648 45539 43686 88982
59849 39657 85483 80962 42451 78803 30598 93632 90984 01364
81008 45180 65032 30172 40747 12120 05832 52317 55384 63739
82701 11191 77277 30496 67536 28908 33341 03906 27031 67081
46514 33962 14919 59503 05972 90566 21106 53793 41009 66568
48292 67973 39314 22534 38949 20927 61347 30162 91692 22995
82636 30561 60661 34167 31962 99086 80740 51050 08234 50155
67789 87126 89825 01606 81351 00067 98457 57981 17107 48315
51909 79329 000 000

18287/17471/16135 kHz, 24-09/26-09. 1000/1020/1040 UTC

241 241 241 1 8372 189 8372 189
69269 75978 73213 43624 70334 51955 70888 06729 81105 10792
66185 75451 07682 03115 54058 51291 60843 07047 49626 10870
06376 89363 21753 11011 42864 77091 13878 63570 75249 43597
07296 64104 52322 08102 29848 16365 36598 30628 13486 73361
57336 36156 01042 52262 88710 14318 98399 14672 07788 05442
91249 36589 53714 73918 53852 84673 51728 42763 81881 56591
32319 19564 79089 13108 74944 57733 89164 12694 79498 91513
86645 56555 24420 48919 18591 37974 96677 63855 22474 32933
83039 10248 38829 21539 34583 50278 41332 62687 53334 57678
85801 32754 16255 87960 51645 89971 06757 62691 45788 82377
41507 21538 82409 75466 89130 56833 98402 59619 32499 67142
79594 31914 86116 07831 35176 59768 82771 53754 60777 03270
92280 91282 78717 75074 14384 01702 04098 71065 82434 39174
69173 21246 88436 81557 59053 52586 35985 46331 50378 04695
93510 22127 11848 72817 49423 93090 62879 34246 33846 27436
53923 82376 96782 18743 16274 97646 45684 38154 49095 19524
91684 16046 87601 80152 14803 86944 56382 97157 87001 42556
32060 80749 13483 49849 77276 79137 75451 94211 97783 54932
80817 02552 06906 15092 95792 58147 68315 98551 97876 000 000

12530 kHz, 01-09/03-09, 1230 UTC

330/38 Attention

93034 85852 22721 62851 47454 60414 79476 13417 16971 51731
77512 54579 83997 41705 07177 22665 07923 13297 80712 55053
39668 21231 15953 93198 94764 20101 96803 46685 11005 22908
27617 08156 10985 35676 30319 68286 03840 18817

Attention (message repeated) Out

5176 kHz, 01-09/06-09, 1605 UTC

232/35 Attention

16061 55777 36004 20682 33501 14600 00346 33554 72706 12110
09281 85210 29054 41502 99751 33345 37957 17278 95875 15223
30687 32716 69800 43549 35570 85145 84933 11413 93915 48232
99726 60147 26646 47599 18293

Attention (message repeated) Out

6940 kHz, 02-09/03-09, 0930 UTC

279/31 Attention

89324 37179 02319 64735 65057 72156 81028 25660 73678 26065
33349 84821 26267 29884 95789 39828 93774 29095 70336 03113
83197 93671 18629 46998 00463 84684 45778 74986 70830 62011
21414

Attention (message repeated) Out

4181 kHz, 02-09/05-09, 1610 UTC

390/38 Attention

53279 24005 80945 41348 63097 38415 20741 53590 36984 60663
37003 84779 98379 25111 55206 29230 75487 40982 84831 01729
09522 31786 76225 63031 96808 88236 04871 33903 42342 07689
39154 15284 88726 98004 01342 32492 53902 52606

Attention (message repeated) Out

9079 kHz, 05-09/06-09, 0700 UTC

495/35 Attention

17642 11170 76873 26687 90955 76626 66170 68217 67456 90753
78795 41979 12012 74207 00837 60475 16482 22217 44823 92587
99493 59270 31466 96547 50393 69628 29411 19523 87431 83699
18403 50501 77894 13133 87936

Attention (message repeated) Out

9610 kHz, 07-09/09-09, 0645 UTC

413/36 Attention

13303 82986 63571 97889 65001 39181 87399 39848 41705 55551
58963 05207 41755 59685 35686 57230 27422 74557 34554 66357
41272 90694 11908 05707 84067 39604 58054 37207 04632 65245
30600 08451 11907 48750 48297 70148

Attention (message repeated) Out

9951 kHz, 08-09/11-09, 1000 UTC

309/21 Attention

08180 87616 94199 85343 90715 96260 56632 76919 34100 06324
66879 44467 41035 90145 12162 53390 26738 38192 79623 18689
45983

Attention (message repeated) Out

14972 kHz, 08-09/12-09, 1430 UTC

917/39 Attention

13135 93213 07085 63221 79797 27858 44071 46894 54746 66365
88277 66192 24254 11474 42086 40563 31223 10096 00449 77264
61363 10641 00736 14896 67114 68624 30652 11725 20748 67890
11478 85754 84352 77063 95613 96521 90626 47462 73818

Attention (message repeated) Out

17410 kHz, 09-09 0745 UTC / 17410 kHz, 11-09, 1020 UTC

343/33 Attention

37962 04184 76708 20620 43597 65308 95336 35379 66517 83773
11476 40587 19750 51506 82644 32389 06742 88299 66765 83109
49729 38797 78046 81829 59659 81731 25786 98499 08143 49025
34046 72895 18348

Attention (message repeated) Out

6923 kHz, 09-09/11-09, 1715 UTC

976/37 Attention

79616 53047 86853 41624 46879 22397 16211 54757 93018 79013
51412 78069 37605 60470 48102 37977 67971 14853 91839 41763
33692 55199 03604 81580 10692 47632 52533 03697 52585 35867
49793 30600 72496 43916 06162 67722 70763

Attention (message repeated) Out

8423 kHz, 10-09/11-09, 0720 UTC

431/37 Attention

53642 74500 76342 91817 83696 46673 09921 77103 24453 93496
98630 30750 68639 83959 27719 13588 00873 34416 15773 21322
86324 81939 74441 02688 46704 03964 86554 35316 12615 79818
61779 08148 00518 13413 11268 12499 81819

Attention (message repeated) Out

8680 kHz, 10-09/13-09, 0600 UTC

351/35 Attention

87624 22435 05410 47969 91086 64502 11978 93810 10629 34230
37780 25079 74271 97264 06931 75318 24453 20886 39037 44102
36141 21526 96598 34026 02348 39033 27408 70206 29961 97223
47204 15336 56228 82926 52690

Attention (message repeated) Out

13117 kHz, 14-09/16-09, 0900 UTC

534/31 Attention

86971 51641 28001 92863 34700 58582 79353 95304 25605 55946
92598 47026 00774 94698 74523 32200 05852 56121 72075 39477
35643 45346 64884 25832 64934 46160 54769 38534 70241 93055
34979

Attention (message repeated) Out

12385 kHz, 14-09, 1045 UTC. Not repeated

698/24 Attention

69284 77323 03286 36932 32841 74604 05128 64892 64548 08105
19004 87921 85035 02381 82490 16847 62211 47722 16865 84331
20177 67761 90409 33669

Attention (message repeated) Out

5371 kHz, 14-09/17-09, 1300 UTC

310/30 Attention

58998 27712 10305 78341 11968 79615 67940 48822 85626 80471
01338 64037 03036 34995 09712 45446 38551 38084 44703 09182
51737 69049 20040 98943 43862 20579 39731 89708 49686 27835

Attention (message repeated) Out

13470 kHz, 14-09, 1745 UTC. Not repeated

246/37 Attention

05928 57784 90666 81876 42808 72079 11350 34509 45122 03353
35240 74946 52685 24672 04029 84162 42158 99509 53416 65153
98605 72914 58119 47738 37877 19886 63984 79855 92194 98220
07458 43142 94710 61969 49010 70974 46550

Attention (message repeated) Out

13470 kHz, 15-09/17-09, 0645 UTC

515/30 Attention

62696 20386 25661 70465 02192 88495 71857 52648 54056 70107
69927 40412 17287 58690 38886 29408 62545 59906 77204 68023
68008 10508 10201 63775 76364 69401 12890 33269 28104 86135

Attention (message repeated) Out

18168 kHz, 15-09/17-09, 0845 UTC

159/24 Attention

47963 35789 10862 59045 78861 37543 04890 97887 67129 84977
60092 98199 08351 41077 88183 31750 72074 73125 18977 61772
83304 96079 20909 42786

Attention (message repeated) Out

23353 kHz, 16-09, 0600 UTC

946/24 Attention

90723 68935 98110 02373 85438 07844 53582 76717 74736 20565
47649 53799 77900 30890 63158 59835 12065 22568 82189 94578
61885 84429 26316 91870

Attention (message repeated) Out

12385 kHz, 16-09, 1045 UTC. New messages

690/24 Attention

07997 87197 10835 74782 95950 73747 28369 50905 94260 29274
38908 33574 89043 05413 13109 05596 45061 50489 43443 64829
14381 21075 70444 02217

Attention (message repeated) Out

5737 kHz, 17-09/20-09, 2000 UTC

520/31 Attention

51968 96650 42534 77967 96306 98918 47536 94006 88023 45139
43931 36058 58336 69046 71606 73759 62283 39925 65828 81448
61117 40960 94346 45280 67095 57220 41507 62909 35769 41837
39413

Attention (message repeated) Out

20170 kHz, 14-09/18-09, 0830 UTC

182/24 Attention

80677 22048 76853 52139 85440 55600 24957 43518 01160 44047
23428 60702 94369 10093 19106 02642 62877 29166 51847 70924
47968 47394 85102 19901

Attention (message repeated) Out

8530 kHz, 18-09/20-09, 1910 UTC

611/38 Attention

93241 29948 62563 94160 07765 83420 84327 43850 99077 54165
01414 55819 59333 11998 66146 08724 14758 47607 87496 60806
45730 89498 45136 89151 83932 59162 45719 97658 66852 16498
44706 71483 87003 60303 29563 55098 60252 03451

Attention (message repeated) Out

13470 kHz, 20-09, 1745 UTC. New message

242/37 Attention

83606 29866 48401 37636 85010 71708 44710 99700 55064 48857
30612 58234 58313 84258 65837 95232 67901 46470 92942 05597
56042 38270 90898 52568 64526 27604 51177 81526 11035 80746
04587 86728 92537 18147 52026 38234 19156

Attention (message repeated) Out

12630 kHz, 21-09/23-09, 0315 UTC

255/35 Attention

75144 06799 11737 92589 60659 05014 61534 15544 36394 46938
96929 29069 34801 57349 47536 19568 42877 09262 36409 39012
38201 62996 38530 42686 14451 06326 66358 15567 41885 69002
92361 21102 74982 02465 98498

Attention (message repeated) Out

26756 kHz, 22-09/24-09, 0745 UTC

225/36 Attention

71605 80064 64806 54368 20765 80593 05865 03591 73197 21518
04564 08380 33032 83184 91895 07571 93979 28210 44674 22856
38213 02406 42429 06139 44599 40383 44219 00699 32540 49550
33524 73062 88143 39256 38323 90461

Attention (message repeated) Out

9399 kHz, 22-09/23-09, 1205 UTC

466/40 Attention

95573 19700 10400 90371 71382 07251 01697 63359 10251 45264
80748 82267 69711 26112 83401 09734 46732 53539 92242 12030
48347 73160 56265 04230 92115 27575 01975 44278 02147 07085
21443 90855 82715 51081 94363 53343 68607 06663 57827 70759

Attention (message repeated) Out

11116 kHz, 25-09/27-09, 1815 UTC

925/35 Attention

71041 80853 89129 10229 87486 84525 63426 64555 84482 71196
89331 61090 49889 00693 64517 09200 20674 06873 25593 88030
88777 99481 29961 85373 08775 54614 55669 57352 90239 79969
76194 27826 23501 80428 16503

Attention (message repeated) Out

4505 kHz, 26-09/27-09, 1645 UTC

369/39 Attention

17664 96410 39490 98026 97511 09353 11226 93587 53193 92258
88030 55467 68628 98147 29204 36153 26949 13680 96832 72839
45674 42313 37864 56335 23908 69341 61603 20007 07974 40960
92618 76278 21959 91320 65539 71342 79752 61803 78576

Attention (message repeated) out

19515 kHz, 28-09/30-09, 0715 UTC

754/35 Attention

77587 76692 00659 17142 54440 58411 77112 29994 04070 40657
76121 14199 76986 47253 46844 29835 45306 98450 76948 54278
80513 63388 26833 31468 40426 40684 44895 65759 87532 79080
64961 72488 61737 50591 24619

Attention (message repeated) Out

10213 kHz, 28-09/01-10, 0745 UTC

266/30 Attention

27242 12713 22208 37095 96707 67144 97866 21016 13275 81117
91855 51599 30252 95857 42925 04345 43377 82633 93397 07864
24871 28055 97141 03677 78287 22231 96669 01698 84998 12959

Attention (message repeated) Out

12202 kHz, 28-09/30-09, 0845 UTC

710/36 Attention

59525 91193 73262 52785 71740 71537 73695 64818 60417 88756
 64233 01166 65275 06984 00370 49772 04636 14123 47776 79295
 55830 53033 76342 27476 08106 32801 14889 43577 29434 70467
 96545 44430 85894 09340 65006 09902

Attention (message repeated) Out

7317 kHz, 28-09/01-10, 1900 UTC

649/35 Attention

83188 74007 83148 08279 35676 87297 81038 74673 97501 00369
 01830 39666 25827 99865 05142 60118 77681 85741 94751 32645
 79413 65501 27082 93737 82050 37456 33448 60516 82851 02874
 21435 30874 24014 52095 59073

Attention (message repeated) Out

8180 kHz, 29-09, 0700 UTC

570/31 Attention

24484 05911 77578 56033 94346 06707 15420 69499 92512 06972
 79111 54089 12048 18699 54359 80536 99770 99976 38203 17193
 60932 98763 70767 37018 21870 61258 34836 72808 05105 50320
 40746

Attention (message repeated) Out

10213 kHz, 29-09, 0715 UTC

630/35 Attention

67684 35158 28051 55451 46956 90352 88515 34592 67036 56761
 67098 21123 26403 61686 95775 98225 96060 16542 62543 28401
 11145 70249 78736 86764 11531 10241 13068 18230 02610 44900
 14261 84356 97514 42850 51037

Attention (message repeated) Out

19184 kHz, 29-09/30-09, 0930 UTC

133/35 Attention

85683 37055 28698 11767 47815 08492 92220 90310 99284 81844
 48817 49681 63852 13817 63581 94358 61868 21945 24907 67643
 16592 55927 66879 48164 94271 41503 83431 73728 65778 76273
 82684 05256 12809 38660 41443

Attention (message repeated) Out

E25

qsr711 reported this music station a couple of months ago. Logs by qsr711, Subilo, SSD, and FlaafySW can be found in the logs section. The following info comes from qsr711 and the Priyom website: <https://priyom.org/number-stations/english/e25/music-tests>

In mid 2025, a new unidentified music station was found on 9450khz, one of E25's former frequencies that was used until 2016. The origin appeared to be roughly the same geographical area as E25. Upon further monitoring, it was also discovered that the music tests followed a rough but more stable weekly schedule than standard E25, and the transmission window was the same but extended from 07:00 UTC to 12:00 UTC. The transmissions consisted of a specific music piece being played, followed sometimes by Windows 7 sounds. The music used featured mostly Egyptian artists, and more rarely, Lebanese artists. As such, pieces by Oum Kulthum are still used during these tests.

In early 2026, the transmissions were found again, this time using 6140khz (another E25 frequency, and the most recently used). The format remained unchanged, and extensive monitoring allowed to find a stable weekly schedule. Again, the transmission times were similar to those of E25 (07:00 UTC - 12:00 UTC), and the very low propagation of 6mhz during daytime allowed us to pinpoint the transmissions to somewhere in the Middle East, again the same area as E25. This station applies Egyptian DST adjustments, which were reinstated in 2023.

The weekly schedule consists of transmission slots, spaced 15 minutes apart. Several transmissions take place every day except Friday. The music pieces appear to be tied to a specific slot, being always sent in a specific day at a specific time. Start times are not precise and are human-controlled, with some pieces starting early or late by a few minutes.

From last Friday of April to last Thursday of October, transmission times are shifted one hour earlier to follow Egyptian DST. The following table shows the full schedule. See the table below for the song list and correlation with the slot. Slots in yellow indicate unconfirmed or irregular schedules.

Day	07:00	07:15	07:30	07:45	08:00	08:15	08:30	08:45	09:00	09:15	09:30	09:45
Saturday									A1		A2	
Sunday					B1		B2				B3	
Monday			C1		C2						C3	
Tuesday		D1				D2					D3	
Wednesday											E1	
Thursday	F1											
Friday		No transmissions										

Day	10:00	10:15	10:30	10:45	11:00	11:15	11:30	11:45	12:00	12:15	12:30	12:45
Saturday				A3	A4		A5		A6			
Sunday			B4		B5		B6					
Monday					C4	C5	C6					
Tuesday							D4	D5	D6			
Wednesday					E2							
Thursday	F2					F3			F4			
Friday		No transmissions										

Songs list

Table ID	Day and time	Song
A1	Saturday, 09:00	Mouhammed Fawzy - Shahat El Garam
A2	Saturday, 09:30	Nagat - Ana Bastanak
A3	Saturday, 10:45	Sherine - Elly Garehni
A4	Saturday, 11:00	Mohammed Mounir - A Yasmarany
A5	Saturday, 11:30	Oum Kulthum - El Hob Koloh
A6	Saturday, 12:00	Shaimaa ElShayeb - Aw3dk
B1	Sunday, 08:00	Sherine - Btamenak
B2	Sunday, 08:30	Shaimaa ElShayeb - Baeed Anak
B3	Sunday, 09:30	Bahaa Sultan - Ehlef
B4	Sunday, 10:30	Mohamed Mohy - Etkallem Alaya
B5	Sunday, 11:00	Amr Diab - Betghany Le Min
B6	Sunday, 11:30	Oum Kulthum - Alf Lela We Lela
C1	Monday, 07:30	Hussain Al Jasmi - Ghali
C2	Monday, 08:00	Sherine - El Qamas (Radio Edit)
C3	Monday, 09:30	Abdel Halim Hafez - Ay Dama'et Hozn La
C4	Monday, 11:00	Amr Diab - Enta Yally
C5	Monday, 11:15	Bahaa Sultan - Ya Hagerny
C6	Monday, 11:30	Angham - Omry Maak
D1	Tuesday, 07:15	Oum Kulthum - Enta Omri
D2	Tuesday, 08:15	Bahaa Sultan - Ya Tara
D3	Tuesday, 09:30	Sherine - 3La Bali
D4	Tuesday, 11:30	Amr Diab - Wala El Layali Tehon
D5	Tuesday, 11:45	Abdel Halim Hafez - Ahdan El Habayeb
D6	Tuesday, 12:00	Fairuz - Asameena
E1	Wednesday, 09:30	Mouhamed Fawzy - Tir Bina Ya Qalby

Table ID	Day and time	Song
E2	Wednesday, 11:00	Amr Diab - Alby
F1	Thursday, 07:00	Sherine - Ala Eidak
F2	Thursday, 10:00	Oum Kulthum - Ya Msaharny
F3	Thursday, 11:15	Mohamed Abdel Wahab - Ala Chan Echouk Elli Felouard
F4	Thursday, 12:00	Sabah - Ashka We Meskena

S06

11616/9322 kHz, 01-09, 0400/0420 UTC

480 539 60

71236 64028 61514 64277 18140 29715 33975 87620 44657 34264
31293 20814 12294 24053 54576 90466 34438 42753 80846 50016
94954 68064 65472 85657 46569 47378 39234 95412 74973 62054
48457 83533 39588 74996 11642 37426 26928 41220 91043 79279
77502 86089 02626 09588 72181 80926 12832 84760 88979 70662
95607 95994 66183 33231 48124 41610 32768 75390 88615 10024
539 60 00000

11616/9322 kHz, 02-09/03-09, 0400/0420 UTC

480 639 17

02836 20391 91554 87591 10186 66890 52388 31375 16936 88525
43650 21395 26896 94171 33824 95553 81998
639 17

480 721 35

19404 41780 69555 24471 86978 02847 42346 83018 39306 95558
26795 37359 09672 31626 82901 69691 95079 01117 91272 09391
99114 80529 12245 22380 97563 54637 63862 44746 25228 44290
29628 65275 07359 57362 31989
721 35 00000

11616/9322 kHz, 04-09, 0400/0420 UTC

480 480 480 00000

11616/9322 kHz, 07-09/08-09, 0400/0420 UTC

480 517 60

82062 52070 89836 39210 23272 27053 75758 55401 94857 26706
25492 75773 27014 97856 27549 89729 76015 43159 76514 51824
97708 32240 47560 48035 47645 46158 37446 94563 43822 34835
70475 61342 52956 92180 92823 37426 86227 78564 03687 80481
15438 45352 96675 17534 45512 41169 09915 89775 04290 04596
08258 54417 35531 72977 46077 98374 06098 62027 84051 09970
517 60 00000

11616/9322 kHz, 09-09/10-09, 0400/0420 UTC

480 263 19

94720 48711 66316 70557 87613 50983 77548 80281 75046 37196
28773 11697 81149 75642 74601 78660 54187 77530 95568
263 19

480 591 38

79687 39837 11179 79837 02947 42790 14581 16907 72854 36504
10959 72503 92712 11880 01763 63620 71200 05874 14288 14997
48298 74720 87218 80570 71301 18049 08605 27138 81881 57637
29730 97407 00109 01430 03282 94642 16391 46949
591 38 00000

11616/9322 kHz, 12-09, 0400/0420 UTC

480 480 480 00000

11616/9322 kHz, 14-09/15-09, 0400/0420 UTC

480 267 54
88614 17064 64781 32774 55166 81135 15433 06162 65996 71049
25364 65342 48100 05452 81141 84829 57425 55947 75137 73233
45782 00412 65845 43613 56370 19374 53540 60492 02608 08897
38445 99472 09944 08411 53612 80385 25349 66910 89696 59904
24174 95979 53817 94585 69049 83068 29676 10241 00532 63454
31142 38601 64172 74342
267 54 00000

11616/9322 kHz, 16-09/17-09, 0400/0420 UTC

480 391 24
62341 23831 04744 90623 21557 83624 54630 56268 38936 56818
54721 40518 45082 41613 96974 82924 11550 39805 85464 54325
19861 70599 49195 39659
391 24

480 762 31
34005 60136 49716 75268 31460 80375 18762 74896 77275 26242
24149 42533 21221 86020 79430 81670 34349 57908 65327 19509
45703 27336 85035 27288 62723 62733 11835 02042 98781 46946
14908
762 31 00000

11616/9322 kHz, 19-09, 0400/0420 UTC

480 480 480 00000

11616/9322 kHz, 21-09/22-09, 0400/0420 UTC

480 139 54
62534 60074 72593 42700 65185 67270 13877 74998 09844 53410
48219 85890 36527 53090 70104 42743 54643 52661 52361 86303
81635 41280 88683 08237 21174 20709 55068 06069 06629 90753
15772 67743 32485 73885 65879 27553 42975 67805 53993 10752
67701 60364 30319 70606 27321 70569 37245 57791 94282 41075
08271 45519 15082 48962
139 54 00000

11616/9322 kHz, 23-09/24-09, 0400/0420 UTC

480 562 30
93428 87166 42625 44499 55512 37479 00178 94938 84659 85829
44376 74912 13335 42673 43084 76751 43210 91433 63790 64718
04747 05197 50814 29831 75088 01283 31923 47812 12389 31280
562 30

480 731 20
31882 02399 37167 76937 05463 21567 20102 80877 40543 19083
44310 15439 32796 36853 12075 30775 01713 90965 71979 85507
721 20 00000

11616/9322 kHz, 25-09, 0400/0420 UTC

480 480 480 00000

11616/9322 kHz, 28-09/29-09, 0400/0420 UTC

480 569 60
94026 59003 66627 66502 40002 29923 75556 28411 63909 61404
93359 22818 79988 47467 79262 66526 50651 67144 38282 08817
18268 87147 53253 85318 43294 96248 75542 65347 09684 76108
97898 09882 83526 38205 57858 82366 35843 81565 45168 79550
65481 50990 11635 74515 83045 00450 06869 89110 41797 91342
88331 37963 26466 80309 79143 11259 35915 76282 72081 88485
569 60 00000

11616/9322 kHz, 30-09, 0400/0420 UTC

480 321 40

92952 52587 61569 87707 85394 38128 94896 27296 72211 37209
99559 18314 85111 38030 96125 17603 22497 72036 57707 64019
50927 14967 71472 04486 91828 14166 50190 58094 91900 34351
48584 29104 00647 39032 39159 29818 03474 49758 77183 49248
321 40

480 967 15

64737 41302 08616 12751 21979 89422 50852 92565 66466 50150
02094 67554 39123 21050 89884
967 15 00000

S11a

10728 kHz, 01-09/03-09, 0445 UTC

799/39 Vnimanije

18234 08424 30339 02750 52924 64024 79843 54161 14879 92283
83103 03006 15432 53939 22668 54195 85804 73267 24503 90393
09740 82509 74338 47370 03640 68543 20198 63194 84983 60696
04531 40288 00080 10431 67777 30145 54778 86232 65991

Vnimanije (message repeated) Konets

6433 kHz, 05-09/06-09, 0830 UTC

373/33 Vnimanije

49301 08546 13298 18681 31954 38919 70498 55674 62252 18453
78983 45421 37114 30795 21132 88157 62512 40538 85233 82119
05849 05397 96526 36299 46139 98424 17709 86533 02218 17388
02966 34224 76692

Vnimanije (message repeated) Konets

8597 kHz, 14-09/17-09, 0700 UTC

478/33 Vnimanije

61718 69126 44695 87129 70042 01287 84011 79091 87237 66864
12118 04490 43157 93915 00734 08810 15478 81633 15521 90072
60780 27541 97842 01006 46674 56142 37511 57435 19785 30702
11239 15027 42155

Vnimanije (message repeated) Konets

11420 kHz, 15-09/18-09, 1400 UTC

421/35 Vnimanije

37170 02904 27848 59481 39721 07240 97476 31921 43592 94490
50081 89447 74952 48730 66507 42020 11304 55571 86220 46004
49708 86373 53860 56920 20941 45282 99561 57376 24976 26360
21753 79789 12028 82193 36447

Vnimanije (message repeated) Konets

10213 kHz, 16-09/19-09. 1850 UTC

287/38 Vnimanije

42947 80204 88122 33689 57121 92087 89195 84847 46066 11479
92205 41972 48565 74188 16389 07694 86555 36167 84839 96933
58363 90445 87597 04074 92052 38322 08494 83989 61996 30908
94850 22474 14539 09261 49909 51857 11484 31267

Vnimanije (message repeated) Konets

23004 kHz, 21-09/23-09, 0510 UTC

652/33 Vnimanije

27709 90714 60736 94046 11783 23020 15735 59146 53937 89373
55086 32995 98718 88870 90951 33878 42933 39162 38521 19230
61103 24404 67158 04686 84379 67354 12919 72569 95582 58899
15343 73189 58914

Vnimanije (message repeated) Konets

6480 kHz, 21-09, 0915 UTC / 6480 kHz, 25-09, 1040 UTC

480/39 Vnianiye

14361 56367 94780 42593 41727 97970 81633 07298 66122 60245
00215 49506 29157 97801 79740 95882 60560 21348 39667 88346
18627 33033 39914 44372 39821 05170 53221 14676 21404 64642
81293 69988 92914 84666 10901 58369 45324 43826 58008

Vnianiye (message repeated) Konets

19606 kHz, 23-09/25-09, 0735 UTC

387/31 Vnianiye

97983 78104 07110 70032 41119 21139 09917 15680 24222 40125
48598 50814 86672 88037 17314 41445 36383 71958 97633 99043
96913 92344 16045 84450 50478 37273 43480 37787 56358 30755
02791

Vnianiye (message repeated) Konets

V26

MS18 MS18 A NA NA

HR MSG GA YR PSE CY

發報結束 (End of transmission)

V28 - 앵무새 Aengmusae (Parrot)

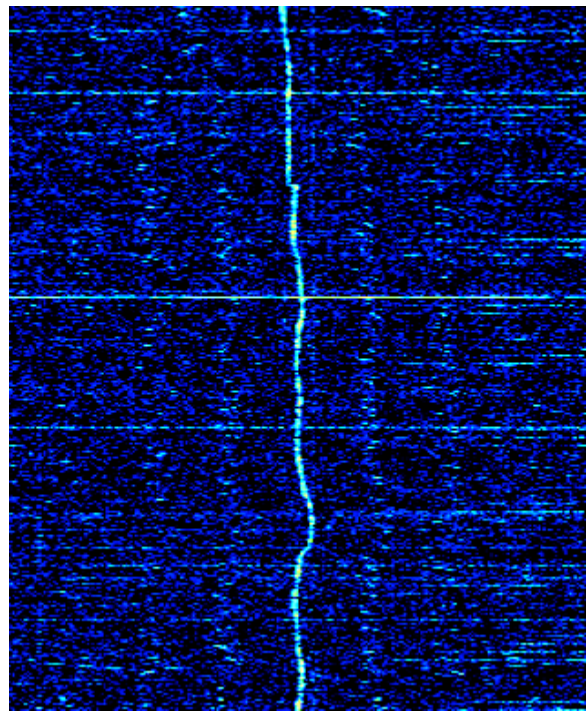
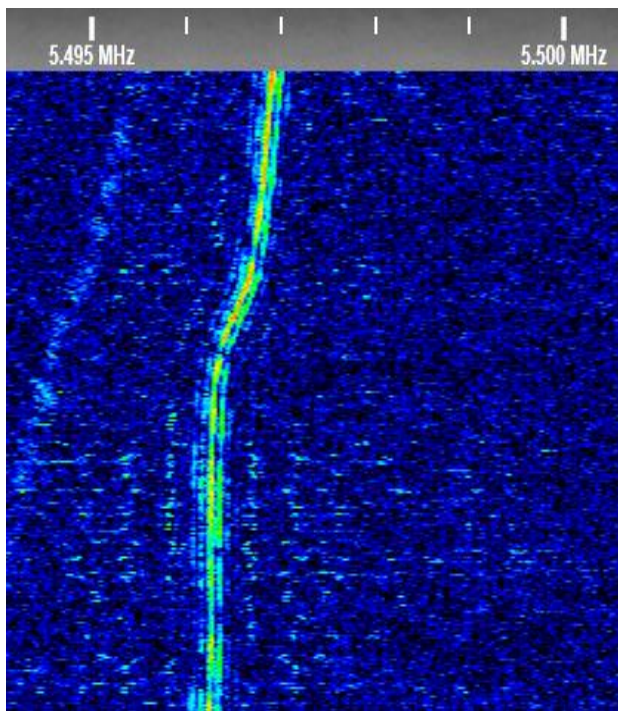
Logged by GT, WLTZ, HK, Pille. Recordings by GT. Thanks all !

3042.5 kHz, 28-08, 2101 UTC	Parrot. Weak but relatively stable carrier with poor modulation but audible nonetheless.
5562.2 kHz, 28-08, 2101 UTC	Parrot. Carrier continues after broadcast is seemingly over but becomes unstable and wobbly. Carrier off at 2118z
5488.8 kHz, 29-08, 2109 UTC	Parrot. Carrier goes crazy and modulation drops. Carrier became much stronger and climbed higher ending at 2110z at 5490.8 kHz
3042.8 kHz, 29-08, 2103 UTC	Parrot. Off at 2106z
5490.1 kHz, 31-08-2029 2059 UTC	Parrot. Carrier up. At 2103z audio after sudden jump to 5491.6 kHz. 2108z carrier moved up to 5491.9 kHz but audio ends. 2109z carrier off
3042.5 kHz, 31-08-2029 2103 UTC	Parrot. Off at 2106z
3042 kHz, 01-09, 2102 UTC	Parrot
3042.35 kHz, 01-09, 2103 UTC	Parrot. Broadcast was 3 minutes long with usual very poor audio but stable carrier
5488.05 kHz, 02-09, 2058 UTC	Parrot. Carrier is not as wobbly as usual, drifting less than 1 kHz up or down. Broadcast ends at 2108 and carrier drops at 2110z
5487 kHz, 02-09, 2100 UTC	Parrot
3030 kHz, 02-09, 2100 UTC	Parrot
5487 kHz, 02-09, 2100 UTC	Parrot. Poor modulation and wobbly carrier, as always
3030 kHz, 02-09, 2100 UTC	Parrot. Poor modulation and wobbly carrier, as always
5488.05 kHz, 02-09, 2058 UTC	Parrot. Carrier is not as wobbly as usual, drifting less than 1 kHz up or down. Broadcast ends at 2108 and carrier drops at 2110z
3030.3 kHz, 02-09, 2104 UTC	Parrot i.p. Stable carrier but very poor modulation. Off at 2106z
3030.3 kHz, 02-09, 2104 UTC	Parrot i.p. Stable carrier but very poor modulation. Off at 2106z
5488 kHz, 03-09, 2101 UTC	Parrot
5062 kHz, 03-09, 2106 UTC	Parrot
5486 kHz, 03-09, 2101 UTC	Parrot. Female operator
3042 kHz, 03-09, 2103 UTC	Parrot
5488.4 kHz, 04-09, 2058 UTC	Parrot. Program went for approximately 1 minute but carrier remained on and drifting after. Off 2109z after drifting as high as 5491.1 kHz
3044.6 kHz, 04-09, 2102 UTC	Parrot
3038.6 kHz, 07-09, 2100 UTC	Parrot with little to no modulation
5490 kHz, 07-09, 2101 UTC	Parrot with wobbly carrier but strong modulation
3038.5 kHz, 07-09, 2100 UTC	Parrot
5490 kHz, 07-09, 2105 UTC	Parrot
5488.5 kHz, 08-09, 0620 UTC	Parrot
3038.5 kHz, 08-09, 2100 UTC	Parrot

5498.3 kHz, 09-09, 2058 UIC	Parrot. Modulation off at 2109z and carrier jumped up afterwards then dropped.
3044 kHz, 09-09, 2103 UTC	Parrot. Off at 2106z
4583 kHz, 09-09, 2106 UTC	Parrot. Drifting signal. Female and male operators
5496 kHz, 10-09, 2059 UIC	Parrot. Signal drifting to 5499 kHz. Very poor with female voice occasionally rising above noise level. Off at 2109z
3044.7 kHz, 10-09, 2100 UTC	Parrot. Better modulation, audible at least. Male voice off at 2106z
5499 kHz, 10-09, 2102 UTC	Parrot
4594 kHz, 10-09, 2109 UTC	Parrot i.p.
3042 kHz, 10-09, 2117 UTC	Parrot
5497 kHz, 11-09, 2100 UTC	Parrot. Shouting voice, presumably male is audible in background
3035 kHz, 12-09, 2100 UTC	Parrot. Barely audible
5497 kHz, 12-09, 2100 UTC	Parrot

5498.3 kHz, 13-09, 2059 UTC	 Parrot. Female voice with strong carrier and modulation. Modulation drops at 2109 and carrier then wandered as high as 5500 kHz before dropping at 2110z
3044.2 kHz, 13-09, 2103 UTC	Parrot. Weak carrier and modulation with male and female operators. Off at 2106z
3035.5 kHz, 14-09, 2101 UIC	Parrot. Female voice off at 2103z. Back at 2104z much weaker than before and getting weaker until off at 2105z
4538.2 kHz, 14-09, 2106 UTC	Parrot. Female operator. Off at 2108z
3035.5 kHz, 14-09, 2101 UTC	Parrot
5492 kHz, 15-09, 0859 UTC	Parrot
3044.5 kHz, 15-09, 0902 UTC	Parrot
5497.5 kHz, 15-09, 2100 UTC	Parrot. Female voice
3044.4 kHz, 15-09, 2104 UTC	Parrot i.p. Off at 2106z
5497.4 kHz, 16-09, 2101 UTC	Parrot drifting to 5498.2 kHz. Low modulation with female operator. Modulation stopped at 2109z and carrier dropped at 2110z
3036.4 kHz, 16-09, 2101 UTC	Parrot. Off at 2106z. Very low modulation and unstable carrier.

5496.7 kHz, 17-09, 2100 UTC	 Parrot drifting to 5501 kHz. Female shouting with comparatively good signal; modulation stops at 2109z but carrier remains and continues drifting higher until dropping at 2113z
3044.1 kHz, 17-09, 2103 UTC	Parrot with no audible modulation. Off at 2106z
3038 kHz, 17-09, 2113 UTC	Parrot. Carrier only
5495 kHz, 18-09, 0900 UTC	Parrot. Female operator message intro breaks up and then cuts off, transmission comes back 18 seconds later
3035 kHz, 18-09, 2059 UTC	Parrot. Poor modulation. Off at 2105z
5496.6 kHz, 18-09, 2100 UTC	Parrot with very poor modulation. Only heard on occasional peaks. Female voice. Drifts up to 5498.9 kHz
5495 kHz, 18-09, 0900 UTC	Parrot. Female operator. Off during intro. Back after 18sec.
3035 kHz, 18-09, 2059 UTC	Parrot. Poor modulation. Off at 2105z
5496.6 kHz, 18-09, 2100 UTC	Parrot. Very poor modulation Only heard on occasional peaks. Female voice. drifts up to 5498.9 kHz
5496.5 kHz, 20-09, 2059 UTC	Parrot. Female operator
5496.5 kHz, 20-09, 2113 UTC	Parrot. Male operator. The same message was repeated during the entire transmission
3044.2 kHz, 22-09, 0900 UTC	Parrot. Very weak
5496.5 kHz, 22-09, 0901 UTC	Parrot. Female operator. Drifting signal. See picture below
5496.5 kHz, 22-09, 2100 UTC	Parrot. Female operator
3044 kHz, 22-09, 2110 UTC	Parrot i.p.. Male operator
5495 kHz, 23-09, 0901 UTC	Parrot. Female operator. Drifting to 5497 kHz
5496 kHz, 23-09, 2101 UTC	Parrot. Drifting to 5498 kHz. Male Operator. Very weak
3044.15 kHz, 23-09, 2101 UTC	Parrot. Off at 2106z. Very weak. Carrier only
5495 kHz, 24-09, 2058 UTC	Parrot. Female operator; ended abruptly at 2102z)
3044.1 kHz, 24-09, 2103 UTC	Parrot. Male operator
5495 kHz, 18-09, 0900 UTC	Parrot. Female operator. Off during intro. Back after 18sec.
3035 kHz, 18-09, 2059 UTC	Parrot. Poor modulation. Off at 2105z
5496.6 kHz, 18-09, 2100 UTC	Parrot. Very poor modulation Only heard on occasional peaks. Female voice. drifts up to 5498.9 kHz



Typical unstable V28 carrier

5496.5 kHz, 20-09, 2059 UTC	Parrot. Female operator
5496.5 kHz, 20-09, 2113 UTC	Parrot. Male operator. The same message was repeated during the entire transmission
3044.2 kHz, 22-09, 0900 UTC	Parrot. Very weak
5496.5 kHz, 22-09, 0901 UTC	Parrot. Female operator. Drifting signal. See picture below
5495 kHz, 23-09, 0901	Parrot. Female operator. Drifting to 5497 kHz
5496.5 kHz, 22-09, 2100 UTC	Parrot. Female operator
3044 kHz, 22-09, 2110 UTC	Parrot i.p. Male operator
5496 kHz, 23-09, 2101 UTC	Parrot. Drifting to 5498 kHz. Male Operator. Very weak
3044.15 kHz, 23-09, 2101 UTC	Parrot. Off at 2106z. Very weak. Carrier only
5495 kHz, 24-09, 2058 UTC	Parrot. Female operator; ended abruptly at 2102z)
3044.1 kHz, 24-09, 2103 UTC	Parrot. Male operator
5496 kHz, 25-09, 2058 UTC	Parrot. Female operator; stops talking abruptly at 2104z and carrier drifts before transmission ends at 2105z
3044 kHz, 25-09, 2100 UTC	Parrot
3044.25 kHz, 26-09, 2102 UTC	Parrot. Female operator
4584 kHz, 26-09, 2107 UTC	Parrot. Carrier only
3045 kHz, 27-09, 2106 UTC	Parrot. Female operator; carrier keeps cutting out
5505 kHz, 27-09, 2100 UTC	Parrot. Female operator
3044.5 kHz, 27-09, 2103 UTC	Parrot
3044.5 kHz, 28-09, 2102 UTC	Parrot
5499 kHz, 28-09, 2106 UTC	Parrot
3044 kHz, 29-09, 2102 UTC	Parrot. Female and male operators
5500 kHz, 29-09, 2103 UTC	Parrot
3044.8 kHz, 30-09, 2158 UTC	Parrot
5514 kHz, 30-09, 2204 UTC	Parrot



MORSE STATIONS

MX

A after many years, Beacon V (fast) has changed frequencies. They used to be on 3657/4031/5342/5590. New night frequency for September is 4642.0 kHz. Day frequency not found

Beacon V (slow) is on 4465.0/7604.5, usual frequencies for September & October

5475 kHz, 01-09, 1800 UTC

463 847 847 30 30 = =
85732 36598 67891 24351 46785 49801 47682 38674 56121 43543
97043 37957 68901 25412 45286 58792 35647 56618 69782 59782
87904 37681 45387 69040 57832 37561 34518 67843 59785 57390
= = 847 847 30 30 000

5020 kHz, 01-09, 2000 UTC

463 679 769 30 30 = =
89543 56712 19785 47683 46581 57693 47609 79032 76842 97010
86904 37482 57692 38561 59704 57861 45621 37697 50932 45871
86790 57809 45612 32345 67129 67839 45671 48608 79802 36558
= = 769 769 30 30 000

5475 kHz, 03-09, 1800 UTC

463 122 122 30 30 = =
19837 16555 20986 15233 10975 12345 08985 25431 03342 97881
08955 25333 16522 15378 28990 15232 04445 15277 19824 17338
97332 17223 14368 17229 16700 37865 13434 09996 21145 27365
= = 122 122 30 30 000

6260 kHz, 05-09, 1500 UTC

463 237 237 30 30 = =
12323 45346 76895 70896 80809 45234 54634 76567 77878 88423
75643 45443 55342 19786 14354 67589 99645 34254 67878 91213
42344 56789 98978 56342 13213 54678 86756 43524 78679 74537
= = 237 237 30 30 000

6510 kHz, 06-09, 0700 UTC

463 456 456 30 30 = =
87867 45347 87890 98675 23143 43356 87675 87908 78654 64532
54534 56432 12113 67089 90897 56453 56342 22286 97896 89996
45675 89897 08975 21213 28673 23156 97856 34278 97854 34276
= = 456 456 30 30 000

5475 kHz, 08-09, 1800 UTC

463 668 668 30 30 = =
67564 34231 11688 95677 99953 44634 65645 78632 89963 22225
87865 45324 44256 67543 36578 88876 92939 17285 64521 87906
78907 56456 33324 20278 90997 65678 55550 78321 78563 54981
= = 668 668 30 30 000

5020 kHz, 08-09, 2000 UTC

463 911 911 30 30 = =
54656 32314 12113 89432 78990 78564 34231 49596 89521 77745
64578 98978 32336 65677 85634 12345 65437 78564 34236 78993 (1x)
21232 45367 98798 67432 22435 11891 80007 87053 52341 78453
= = 911 911 30 30 000

5475 kHz, 10-09, 1800 UTC. Different repeat in red

463 976 976 30 30 = =
57682 94185 37608 97008 79012 16486 58794 34356 67890 67983
54323 78949 06970 89434 37685 69807 69808 68912 86980 78694 47586
86750 56748 46659 37689 59781 24351 57608 79556 57832 36509
= = 976 976 30 30 000

5020 kHz, 10-09, 2000 UTC

463 876 876 30 30 = =
 85738 47587 68932 45612 12312 36597 69708 67583 27608 79004
 86908 67432 45612 11089 56734 46286 78091 24351 47597 68912
 00435 47684 56455 68799 25477 96801 24165 48608 79001 56732
 = = 876 876 30 30 000

6260 kHz, 12-09, 1500 UTC

463 306 306 30 30 = =
 83740 04712 93809 15347 83941 75490 27544 73229 75481 27549
 93710 29609 25163 10518 95886 39200 85592 21891 47385 19755
 65789 07542 48611 84308 75495 17202 40311 81302 50417 60076
 = = 306 306 30 30 000

6510 13-09-2026 0700 M01 CW (PY)

463 584 584 30 30 = =
 05470 21793 90711 74315 10784 09071 44893 29741 34792 49539
 10854 09300 63712 18459 86088 00704 92753 91742 85799 95508
 74092 21463 80790 08578 93709 40315 11094 02703 17892 70075
 = = 584 584 30 30 000

5475 kHz, 15-09, 1800 UTC

463 331 331 30 30 = =
 54657 78656 12345 54367 90076 45031 67895 90087 78789 54532
 88885 65453 67569 99121 23122 26342 52227 87856 86554 98997
 68546 78567 55534 32121 19089 78678 98978 88654 34231 54327
 = = 331 331 30 30 000

5020 kHz, 15-09, 2000 UTC

463 557 557 30 30 = =
 88867 45342 90089 60054 27345 64539 78776 09004 12134 43276
 65643 23121 19981 67432 22245 64876 64534 89763 12353 64523
 75645 32412 78564 76745 98970 80321 23145 64534 75632 86745
 = = 557 557 30 30 000

5475 kHz, 17-09, 1800 UTC

463 552 552 30 30 = =
 31212 08967 13245 66343 07651 12589 06455 23433 86733 08975
 08997 34221 64553 26431 08965 13255 97776 13249 08976 24337
 17845 14326 14456 17645 09845 13542 06755 24357 08944 14678
 = = 552 552 30 30 000 followed by a digital transmission

5020 kHz, 17-09, 2000 UTC. Error in red

463 347 347 30 30 = =
 13256 24367 08997 52112 25678 45534 08973 13223 46756 13269
 57632 13224 25678 08964 13245 86743 12543 08965 35410 97886
 97852 13579 08642 24680 97531 95112457 12457 09764 23568 98653 56777
 = = 247 347 30 0000 EEEEEEE 347 347 30 30 000

6260 kHz, 26-09, 1500 UTC

463 260 260 30 30 = =
 74869 67323 46508 78453 47685 67121 39785 60895 46375 59871
 75970 18564 58796 57881 24351 46571 75879 63243 59705 57683
 86975 47562 39768 58712 20804 46573 48796 79911 24387 69754
 = = 260 260 30 30 000

6510 kHz, 27-09, 0700 UTC

463 760 760 30 30 = =
 75869 45376 59806 78967 68212 35476 70987 69801 26453 86745
 76980 47563 55997 67123 42567 60890 46572 36508 79802 37564
 86945 47667 69823 47681 28794 57688 30676 57232 45612 32198
 = = 760 760 30 30 000

5020 kHz, 29-09, 2000 UTC. Error repaired by the operator

463 909 909 30 30 = =
18756 35423 08960 08 EEEEEEE 35423 08965 13420 08642 12467 08966 35411 68341 06943
13579 24680 08642 97531 12457 09754 01928 10293 86713 11155
17845 08999 16255 28733 36475 08999 14237 18171 29336 07132
= = 909 909 30 30 000

M12

11564/10487/9319 kHz, 1900/1920/1940 UTC

11564/10487/9319 kHz, 03-09/05-09, 1900/1920/1940 UTC

258 258 258 1 7303 276 7303 276
59406 75320 72622 34545 87539 72666 88916 74732 92585 75176
22671 85451 39428 37259 24744 98921 09933 88617 46502 77807
67224 69087 63469 51975 33258 97723 38911 05405 2858? 31644
84824 14180 88441 96895 88808 50754 88190 73717 82746 33352
42886 72769 72285 84135 62731 52657 59146 94202 75904 60394
55648 54980 44910 05334 86397 90318 11850 20646 01286 89814
33754 83510 46150 60940 90351 08491 97005 42531 48450 73988
00730 36214 05870 13149 34970 94454 96800 79333 89243 80599
38586 44707 29499 68186 75995 29843 69268 83106 10498 98488
38904 77543 72430 92931 99597 59304 26618 11345 93782 54239
55647 16604 45752 01916 59663 19433 49109 31760 70362 91941
93516 32516 31402 20685 51228 89045 54010 77962 84944 60507
39222 13902 31033 49960 35083 23186 63783 12938 13151 75595
67835 85455 85549 35003 24952 21981 98954 27583 08523 56561
80733 37507 02744 18555 04972 06388 46140 51747 41703 10551
05363 48655 26399 33275 15017 41744 84570 95791 66831 36477
55649 36171 18209 94766 24106 08060 46965 96398 95732 29246
90090 26427 69439 28983 79773 01714 01158 13477 44957 28695
77044 12038 71234 03000 70231 19180 59056 52274 19985 83206
37409 03162 60751 72045 00912 44561 19298 17976 94448 96910
59421 49741 56011 12456 20406 78935 79214 98015 53500 13303
40586 71093 50803 38135 59431 43610 64935 15208 24535 04925
49003 94690 76412 12525 91835 86927 65675 97392 27470 35211
82415 83180 19027 48075 69273 27302 56026 58777 82539 91294
39964 61039 98772 06682 42619 66315 52357 22615 12613 57300
79625 04089 93440 89522 47907 64730 73327 43485 20619 33531
13260 81821 70540 18289 30886 57405 52066 02728 68861 32128
87583 06157 32668 33240 64960 87962 000 000

11564/10487/9319 kHz, 10-09/12-09, 1900/1920/1940 UTC

258 258 258 1 6610 258 6610 258
40221 38069 72771 26041 83280 37448 42329 38189 13590 46071
16700 11940 80096 18133 03432 71597 89333 65197 78217 99380
80704 52336 71761 34733 14899 34978 07044 05047 69177 83683
31976 67922 49433 22799 28535 84040 35966 12159 02881 79714
54375 59070 64221 87524 86486 68081 76633 00528 88412 37205
77405 47778 61824 12910 37003 87883 66306 38037 11141 48302
30404 37282 69010 29905 14095 48776 62505 97296 89597 19390
35630 77174 62315 98501 45005 21634 88114 84231 48246 46816
58343 06515 16633 31972 06277 84196 06098 36523 85794 40650
17733 97928 01017 54578 49309 17093 90058 34315 73428 37709
05575 79336 10930 69022 01574 00231 85461 63321 67903 15369
99768 82069 89790 64324 89957 23889 20648 37038 23628 29897
42678 25982 11501 48946 01656 37701 76157 07737 49191 27912
31574 53798 10807 10536 41240 79006 95583 47610 30397 06046
98734 42775 68618 70425 40881 35663 08138 36691 64620 25420
96443 53019 10686 43530 95030 79592 67834 61983 67365 63872
24073 77724 14130 39991 83794 45969 71261 79253 23083 10950
28305 73037 06641 17582 31162 99901 57362 41075 08065 65991

29562 39465 43115 23771 31467 78553 43111 67276 15505 61647
11172 33600 80243 66523 81971 21010 28645 28627 86629 94910
64401 28884 13608 53669 97113 23405 46378 93103 12368 95127
22230 26759 53917 01373 34310 84606 34608 90357 08524 05240
02850 03985 63748 61435 99777 94703 92793 40116 35609 10151
71256 28735 54444 13153 01590 00678 25856 89444 26656 08062
32175 50007 54907 20376 39416 84411 79681 78870 32213 97364
86401 38286 20102 81388 92052 60416 65135 52172 000 000

11564/10487/9319 kHz, 17-09/19-09, 1900/1920/1940 UTC

258 258 258 1 3379 285 3379 285
73595 62447 51486 45108 21901 25715 69747 64118 16006 28975
77512 36793 23708 31300 41995 79519 56383 09258 48591 01930
49096 91246 05741 09145 58441 64875 00704 45736 59045 75013
56785 44119 31463 02334 90147 76170 34684 12050 41368 03660
46340 00954 47428 44951 48934 47229 02590 52981 96891 65533
54681 25216 14380 71065 21759 82348 56705 42340 86666 57025
25010 24011 05073 41021 72188 33392 05329 21374 41152 65824
44834 44333 67889 44930 55588 48141 43817 60789 60210 11211
62284 47722 48843 93510 20332 31569 29739 60397 80573 07799
19465 92342 25383 84341 78649 22329 95879 06407 72762 15541
41899 81215 11829 31067 20698 10348 57325 69448 15476 73616
38530 95915 82129 75454 94740 77286 75167 11561 20689 40619
03653 44931 40799 33352 46358 52491 18949 83546 66280 33259
52261 37410 88025 44668 69311 81067 35892 17775 72812 09983
74242 60289 44920 06956 69267 23548 10212 49928 89600 01362
47160 84317 85717 32142 11888 96967 40415 78475 84707 68205
91398 73778 03168 82215 21355 01120 07889 37461 06143 13672
41394 57391 38748 10705 66375 43362 00010 33843 64084 22810
42279 69020 93945 64917 86098 67942 51691 55882 32780 72342
40652 57416 33066 04606 18584 00464 57121 62704 85599 68146
15658 72750 43785 75927 59967 89768 45569 75011 65766 68524
96956 06572 14391 61897 25926 22377 79831 38429 96116 53412
49427 52005 04680 33799 73019 83976 24324 34142 92120 65910
86240 37305 48242 95936 07151 69528 25235 18017 04949 96328
22373 76679 90115 64255 75385 34079 43025 71168 78678 96205
20631 18871 66587 32187 18719 63651 68069 09986 02908 75989
65443 11426 82890 99855 82282 59651 58329 18453 54745 56397
97141 61814 33300 99786 31039 72747 61889 40424 58412 38939
40951 53154 55462 95913 45278 000 000

11564/10487/9319 kHz, 24-09/26-09, 1900/1920/1940 UTC

258 258 258 1 9600 279 9600 279
52373 43457 14281 76491 40227 05103 97990 45437 04351 03019
05385 66474 45385 78194 76042 10512 94614 06023 86123 08932
01357 79648 62979 17760 22772 81285 88589 08563 67819 01821
51071 05487 46533 83473 25516 73443 70961 84413 35156 55845
67118 90305 72501 86262 59485 27252 90163 94848 58633 35577
05548 40459 97798 10177 58312 72724 80477 96519 53718 58941
16512 89426 77617 02530 51947 99897 19941 61911 52677 02599
39549 10000 70865 30278 41813 11050 07146 76715 58273 95518
91120 93739 49929 32241 96272 10612 07687 36355 25161 52791
92965 74441 30694 76214 39333 77690 12688 69971 34315 59587
07311 28252 42171 56033 96027 95346 69592 67520 68363 47261
65577 03761 38246 58199 67819 22772 39497 45375 06256 41334
92210 83584 36749 99885 09632 65107 79504 94650 90944 64122
98361 37173 42399 98685 88206 62868 51568 93894 36213 00925
41018 40165 67991 77898 87212 89203 36194 72494 08394 16560
38192 67311 63714 92979 67376 23726 91501 42284 46400 30919
15841 74940 76575 04240 48899 28404 61360 39559 69991 04951
71202 45601 09162 05331 00315 52044 15592 58850 12672 20428
28912 07010 86256 74383 25929 31049 73457 49419 31309 64480
71366 09283 47493 05293 85082 66077 63589 63750 28998 58808

27843 96634 02502 03443 45357 92590 58148 58383 92663 15331
08133 32651 29612 25972 02006 08831 88683 02192 78310 17849
54945 11941 08250 05511 33584 61918 98106 03868 20247 34237
88454 51840 29851 53863 92584 32277 04508 82813 29025 33338
72900 15074 56754 15977 56346 38714 79670 21521 03287 76251
77392 61396 85439 11149 03862 15901 88383 96989 69858 83437
94482 54279 38135 58425 26876 56292 02800 75748 33387 69727
04322 05870 73165 44971 44948 39870 55185 92271 49163 000 000

10854/10273/9079 kHz, 0800/0820/0840 UTC

10854/10273/9079 kHz, 04-09, 0800/0820/0840 UTC

820 820 820 1 9230 189 9230 189
30986 72846 22748 50076 76372 19616 88291 61083 17203 07715
52804 09874 90180 42373 76752 95770 60694 87432 49169 65982
57489 41812 56467 39110 96414 87601 07002 06560 22391 47405
10946 33609 14592 99872 33815 82432 08821 66029 10221 97867
60491 42427 44750 25025 06251 02190 60748 98161 04643 83492
38521 54636 55684 08495 26749 55674 69451 38244 15876 97778
43439 23713 80582 48682 29563 23162 32698 50762 92898 06762
82064 93634 50318 24958 26737 42785 78197 93609 67568 86485
57317 27115 22298 76527 94149 94283 97622 15747 11488 44044
12701 79477 66609 50439 10365 70112 19280 13113 79930 94160
97035 20328 17586 80567 83318 85501 56185 76829 01150 37253
44788 27587 89091 41055 31051 73418 81213 38080 12605 80592
06375 17389 69874 07084 67386 02234 09930 56089 32027 57496
47804 71477 49959 32209 72936 65169 90324 16898 23057 66979
46397 72793 74041 11205 64633 94547 64462 42290 53580 50675
41409 58626 76679 83324 16093 39014 09697 59632 66374 09582
44679 19559 69516 08495 38824 93199 85168 46985 22726 28877
15243 71991 97745 40624 80239 26015 06944 84202 77977 42192
89139 24367 21749 86645 22953 32336 91598 69584 88900 000 000

10854/10273/9079 kHz, 07-09/11-09, 0800/0820/0840 UTC

820 820 820 1 9280 83 9280 83
89860 76629 21794 95204 48077 58019 35569 14212 58106 49683
48766 06735 21025 04434 83772 06397 21555 55969 21241 16906
74627 24502 02910 18436 04247 09782 58441 98775 66131 22461
76945 84566 57911 91971 11058 66252 67869 25717 53574 41993
68678 13665 78084 05685 75573 62716 42333 76399 39965 25345
24643 62224 75805 79368 64360 69928 02747 61289 56718 17542
04800 65295 36608 16091 13136 86558 24403 83091 94409 91680
03385 67972 04455 84664 05072 58265 40254 46799 60957 39693
14230 33463 000 000

10854/10273/9079 kHz, 14-09, 0800/0820/0840 UTC

802 802 820 1 6080 89 6080 89
55708 59385 16837 59980 28786 38541 24117 70783 52741 71247
47960 97691 46354 53781 20767 43390 33849 09571 90574 41190
04698 20963 90814 58849 98806 59101 93778 65829 41596 65157
94898 74327 06596 09190 74826 62108 50249 92011 79836 27164
88785 19184 19448 23432 57891 73872 27258 01206 77139 03939
57571 66596 47189 45111 56812 24631 88408 58430 42482 95054
77605 60569 14872 62744 42966 31755 03829 09340 59121 12277
71272 89520 09949 65870 31841 91571 26642 52225 12796 52765
14904 22452 26232 83888 30272 44058 97071 20013 73194 000 000

10854/10273/9079 kHz, 21-09, 0800/0820/0840 UTC

820 820 802 6770 152 6770 152
19720 39089 11372 51945 93572 49531 07681 07581 08145 71541
27064 80166 64536 38370 35943 66100 11393 38538 77909 76387
95217 91908 46574 08274 47533 33784 41415 99100 69473 95110
00388 99769 23859 14445 71749 05684 05451 81643 47795 75864

28212 75409 47405 19192 58212 50272 36186 71202 42415 09404
86906 03034 18564 66347 28550 31796 65529 2£748 79644 08367
96913 36685 80623 34943 46789 39363 65465 90638 94838 85851
57888 82078 03884 06762 23256 58849 26122 83558 31393 40409
10762 29463 04308 40006 42082 07561 88517 78836 21393 36478
17204 22065 03385 83810 48342 84668 61434 86699 75802 81801
97939 05993 77146 75661 55713 48802 82503 52207 72058 31717
15877 01101 49785 27871 56115 67531 72184 02979 43186 02834
15291 39597 92151 17312 85200 51786 54623 87411 34161 12277
46834 65696 42822 31434 74961 99539 21853 24553 90757 16510
37187 49885 86288 00152 96296 08898 83373 12652 05086 87233
44337 55782 000 000

10854/10273/9079 kHz, 28-09, 0800/0820/0840 UTC

820 820 820 1 1459 197 1459 197
74524 89402 04023 01651 76527 54202 46909 52031 84288 17473
67327 24479 59129 47305 97096 37900 79794 83668 44711 22895
11106 28920 61741 49448 35760 26604 88295 66005 77236 09013
55143 17321 62805 09455 05590 82685 40633 01487 74153 89159
33964 75303 77335 98991 25416 51921 66538 33227 13142 70613
17126 03194 04802 50054 63860 60308 41896 73399 37848 16889
97318 22262 25656 70582 18508 74970 25837 36184 28973 37321
16714 70694 15891 80716 99804 43631 25012 14306 94595 77013
13228 60225 51993 38825 61800 97000 58799 93093 54566 88685
97060 66151 54707 39936 04383 05737 97441 28685 36641 60591
81441 31979 65465 10068 25601 48517 63617 51387 22435 02902
34572 58667 77040 23036 61344 13280 76622 38734 89334 24667
51343 22894 62006 89875 76964 35989 25923 21519 04335 02154
03440 75555 23206 85751 44210 29040 19140 17110 49186 56780
34028 10593 21507 24050 49866 34274 55785 03691 60992 83499
50540 94383 95309 03824 30311 87858 70456 06658 35789 25850
96528 60102 20606 26006 28240 83776 67878 53238 09487 36403
37993 07720 36120 29025 72977 27214 43418 90216 91939 09700
90551 58525 53329 48232 25694 80849 78027 43591 49723 84880
94038 47805 75288 54329 60382 71838 01537 000 000

9287/10768/12198 kHz, 2100/2120/2140 UTC
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9287/10768/12198 kHz, 04-09/05-09/11-09/12-09, 2100/2120/2140 UTC

271 271 271 1 1186 107 1186 107
85300 91818 49439 97180 80701 40577 96703 90915 41283 23101
73788 97830 17408 11890 64484 56631 82801 11255 72638 98048
70151 14126 44680 00914 70426 78497 73080 25025 10935 31673
40319 48345 02659 67625 59174 63272 38803 77713 51733 53302
94236 57412 37167 36985 73865 73445 03115 13470 80675 70260
83415 52943 84305 17948 88591 50795 28490 69590 42532 37007
49885 07741 33524 03137 60125 85267 10654 58087 44836 73795
10696 12819 50113 44592 17480 23857 86410 08154 66503 96324
28740 78419 74384 51131 79279 69620 49739 58280 86183 27930
22736 15915 42796 70575 55273 83043 06402 02646 58547 45677
59728 02420 87663 08852 12458 01943 05053 000 000

9287/10768/12198 kHz, 18-09/19-09/25-09/26-09, 2100/2120/2140 UTC

271 271 271 1 4899 69 4899 69
81107 34217 77138 67965 50901 52032 17496 72459 91703 28499
09697 10944 08785 38566 16102 53796 76054 88637 16043 23611
97733 19390 60843 41731 85314 58745 33650 68836 53289 35449
59204 81555 01565 61537 67536 78669 42887 24506 88151 30549
86393 52200 75638 62540 02521 12293 70397 25631 03814 62850
87967 79033 16198 79806 32054 85764 12269 99243 41772 93324
06198 99419 83809 18745 50640 44383 35045 64254 58058 000 000

13409/12195/11526 kHz, 1200/1220/1240 UTC
13409/12195/11526 kHz, 1300/1320/1340 UTC. Slow morse

This slow morse M12 used 1200/1220/1240 UTC In the first week and changed to 1300/1320/1340 UTC in the second week.

13409/12195/11526 kHz, 01-09, 1200/1220/1240 UTC Active, not decoded

13409/12195/11526 kHz, 03-09, 1200/1220/1240 UTC

397 397 397 1 9971 99 9971 99
04215 67202 40104 64578 85888 43831 59812 63883 73394 72784
87129 75462 50201 34670 85647 54744 58364 30166 08792 67473
95333 91321 79236 06925 30914 51407 67115 35408 82762 60056
76016 61416 95551 83346 11562 44954 89843 04662 90110 06482
86726 08715 06960 26264 24245 77740 22319 13762 98735 33430
88962 04569 40482 38692 95620 12893 87965 33179 31663 34481
76714 24403 81120 13338 96767 25813 01911 66853 23108 40692
64899 53702 40054 02309 79645 86617 84361 52971 82679 53173
29087 53353 36672 49332 71093 71447 20833 56859 87725 98667
56988 56664 62997 55628 29666 63422 27594 93621 27556 000 000

13409/12195/11526 kHz, 08-09/10-09, 1300/1320/1340 UTC

397 397 397 1 3851 97 3851 97
06689 79013 50947 81816 70129 96810 39984 65797 08760 92731
36371 67309 26771 77261 61327 91071 07267 21935 30935 62910
70498 65888 76508 41403 46825 02977 70355 85738 65438 61191
39990 01186 90918 25500 39261 92651 49384 37965 96254 50443
32291 30394 29774 21408 31549 75111 29021 39802 62902 10823
85779 04351 94191 28531 16455 40800 02504 09543 34990 67151
26454 54245 00358 47567 52740 35184 76390 01270 37999 68675
41687 69300 25679 80491 30618 40103 36114 55100 09854 71713
73955 30553 22836 54615 75411 35638 06994 62387 09045 98459
90146 39840 02975 29102 23988 78045 30035 000 000

13409/12195/11526 kHz, 15-09/17-09, 1300/1320/1340 UTC

397 397 397 1 6220 94 6220 94
79428 14495 90288 39271 65743 55866 35328 53310 12046 31297
16720 28736 13792 85280 20535 60630 94866 83100 28033 18722
96468 43486 25649 62361 61930 71341 56822 17942 04539 48872
52175 37566 44655 34577 17121 55586 37316 71261 06781 66854
26088 02338 38968 90690 54998 97317 57484 39701 20828 07930
66454 67029 49323 91317 77821 35941 88845 27927 77339 94401
99043 17385 48771 63173 79121 79152 84079 79214 68159 64948
23313 23605 76318 61178 92633 94129 04517 34958 07363 64612
13856 17121 97113 96607 82410 85144 88242 53337 56754 81178
66740 09389 93921 12378 000 000

13409/12195/11526 kHz, 22-09/24-09, 1300/1320/1340 UTC

397 397 397 1 6791 81 6791 81
01062 64408 12347 09615 02332 70286 22156 28191 50078 1068Z
01513 00530 06043 85979 25163 28707 16216 37888 90815 96341
49756 17355 96468 13825 77713 78089 30802 99909 89634 28476
91993 94648 66319 06167 09617 19505 37363 42726 29042 99831
63525 21701 51164 97724 67213 25214 39181 15095 65936 54777
08708 96145 41210 56064 59260 83706 67939 98521 31900 24241
39483 22246 38556 21601 18693 06863 34209 99874 76361 05637
91342 73488 08845 90983 32816 28055 66189 98742 46610 52499
38907 000 000

13409/12195/11526 kHz, 06-09, 1900/1920/1940 UTC

397 397 397 1 4372 186 4372 186
89363 80848 69211 97106 35119 10956 27088 11770 69145 68096
70285 96487 65427 92055 95845 57325 65920 06275 44537 44137
23163 47843 94956 15016 95521 09163 29822 69691 04666 40024
36961 05626 72968 04945 69128 64911 31911 48663 84735 82197
24380 88705 56683 09829 69080 46023 29413 42532 16575 67696
41078 45667 97690 51581 50120 41520 85891 54195 01585 25956
81133 57396 07104 29120 31135 64658 23519 60482 22926 30933
25414 17257 21538 62339 19756 34456 91158 85126 45934 49497
79748 87288 53116 36968 98945 91293 07935 21387 54823 27608
79019 77714 47077 58779 01063 66983 81601 27562 78693 04421
22504 68930 19605 85640 42282 23821 24128 35350 31824 15664
50360 00764 08260 52086 46206 93843 04279 70135 30174 39840
56723 02131 05658 95316 51913 47698 70178 62758 61275 52771
52853 63596 06433 41513 26993 10818 67682 67474 94684 75123
67164 72583 89561 39158 77247 78254 69454 94989 12573 07219
62703 11466 97387 38852 47696 20372 63271 24287 33727 94582
53641 61369 74073 79051 62809 86763 94329 66745 25092 35387
26160 36804 75449 55049 72675 84138 12569 66499 18069 73657
78243 75188 50185 54056 90067 41387 000 000

13409/12195/11526 kHz, 07-09/13-09, 1900/1920/1940 UTC

397 397 397 1 5565 175 5565 175
30192 34223 96374 12365 73612 99373 06532 02402 13086 75172
92483 21481 46672 15879 65399 47710 25035 66812 60480 84248
32981 85458 61884 42254 62815 20841 74435 71260 84038 20413
54092 07462 87106 70751 72720 83814 12648 98288 68913 75797
97275 54862 55233 26155 83350 08197 80158 69508 39476 45080
42585 12570 36408 03001 17695 44732 72337 54119 49549 52770
24938 35271 18362 92672 21079 85020 34373 75920 43157 81583
35061 26746 97898 84681 86971 78118 30225 35729 58903 54618
40682 04926 31784 38958 77826 41522 71053 84105 53055 27987
11477 58528 48738 16142 50859 62004 36499 62559 05075 98328
73822 04238 26350 57891 10019 15838 14670 51725 16028 39576
14506 36607 95215 94930 12088 20011 03486 79403 14845 79556
13967 50267 22864 15169 70105 76531 78006 81756 33822 24967
41619 67664 30654 60574 80794 36444 78575 73891 28938 61988
26851 19327 68076 13479 13481 74868 63312 53807 04053 30847
58517 57094 47714 25518 84361 23554 81372 11180 87784 33486
37831 32913 17903 91059 97955 46840 05953 34640 14135 75642
41435 29593 50464 52856 52704 000 000

13409/12195/11526 kHz, 14-09/20-09, 1900/1920/1940 UTC

397 397 397 1 3824 187 3824 187
02256 89036 12642 99777 80645 73803 04057 57454 99382 07927
94879 93320 49005 09838 47475 98396 82630 99123 32510 24193
92325 01687 71585 68450 02722 22719 59399 24820 76300 14445
91074 35490 29943 09975 69761 17990 66952 09240 30466 26427
50297 18023 79055 96452 92693 04004 35721 45071 14964 62756
86014 92179 55666 41925 83540 00569 17451 44190 97054 57926
14403 79236 81153 84937 16851 59389 63377 39030 40076 29485
31444 73389 68656 06083 73895 74301 22630 75131 75756 98717
86996 14328 09856 13543 28429 98894 98894 79822 88016 26434
69192 00538 22762 12185 72538 12023 71060 36869 94116 79600
33303 40625 96690 04994 85477 31312 12625 23532 49582 68029
09238 77937 42319 68432 98335 70928 00075 69379 67609 56508
17956 79565 75360 12595 70883 28946 08682 61204 96117 94058
02834 37432 28512 95529 42453 58091 90305 09333 24377 82230
15804 75371 30240 19987 17196 91253 58018 54328 13848 01610
11948 01681 69258 37608 61644 53736 65264 84094 34110 56531

22629 51419 27404 55522 65194 71804 49424 46788 25978 40244
80622 90740 45001 85378 40704 42583 49325 55372 95397 79628
70726 54352 47355 94506 82110 01153 68173 90903 000 000

13409/12195/11526 kHz, 21-09/27-09, 1900/1920/1940 UTC

397 397 397 1 6599 193 6599 193

80875 79394 78918 ... 37496 80454 62760 000 000

Full transcript is lost

13409/12195/11526 kHz, 28-09, 1900/1920/1940 UTC

397 397 397 1 1554 193 1554 193

79126 99709 44910 51273 16175 15961 32093 10422 19749 46872
26658 46904 54543 47345 94929 97741 39859 29934 10302 72277
79566 03284 31274 18194 88036 81038 81583 06561 31494 37837
97451 10962 81224 90344 49457 75352 53005 36112 78211 52237
76887 30357 17013 28264 19110 70899 90352 23948 06183 43231
55789 58701 64790 21176 06997 75841 68434 26720 63235 35136
34376 25531 78926 81911 49419 15696 15678 64197 97886 19577
44735 03746 51722 58064 95389 49208 86270 03009 99082 17136
90664 57634 00377 88262 82046 38749 46171 60048 83347 73615
06917 26285 72876 43074 17860 51355 51429 35101 78844 03414
05220 26154 26061 86605 98494 52042 06979 06725 25785 57787
89569 65424 27637 46098 44450 76740 25154 90663 99863 10669
69523 05630 80849 24270 12659 18450 30869 08647 40203 44034
97778 51169 24164 95667 11915 64530 31573 13771 89766 30004
31770 39445 34262 25560 84044 41491 98646 26778 98623 41118
26200 60764 35236 68174 33889 99589 45304 01790 73945 80044
21173 98331 66520 81749 60007 38400 41260 31969 34182 79919
45167 11382 00897 69859 78898 30078 71366 55288 40225 71166
19802 04090 10023 99084 17833 37013 15930 55989 61777 12325
19225 29782 39824 000 000

16325/14431/12107 kHz, 2310/2330/2350 UTC

16325/14431/12107 kHz, 02-09, 2310/2330/2350 UTC

242 242 242 1 8383 193 8383 193

95817 54579 24918 63691 42509 25213 67316 89960 53348 63768
19145 76293 43108 68784 93751 88761 83132 60135 96498 75118
13329 42439 43611 58205 32241 97493 03847 71924 14441 91293
47234 30614 79598 72490 43352 40033 05767 54629 06176 14264
28095 64588 35906 95700 25327 92777 49578 72556 76251 57567
59276 09631 42575 07775 48267 29045 71046 96064 90108 81986
03814 30711 34434 05053 24893 87993 92796 03896 95701 68328
24504 35667 74774 76643 00597 00450 06389 45910 06518 04847
04960 79441 10454 82788 61023 91670 41387 45464 90798 64915
08216 31218 80610 57797 73523 21645 69176 64259 32556 24668
84599 48955 70134 77100 21115 75487 40670 64395 26007 43737
51129 14729 43320 94454 23723 66907 41941 44978 39302 08950
88935 23002 65165 91157 28794 75065 85058 87224 41512 41251
71759 71256 74282 37199 26428 90562 01052 40040 63312 51619
34635 97044 24256 37027 23113 99381 96483 15852 73936 93319
74405 98814 67979 60316 77237 37495 15970 55221 80243 18289
86345 87378 04725 95334 01698 04708 15512 76001 86763 50745
41641 39361 40516 27310 33864 25728 14763 44649 00560 77435
80135 22782 11782 36800 66206 38751 66704 85851 13182 60347
04595 94406 80744 000 000

17437/15937/14537 kHz, 0300/0320/0340 UTC

17437/15937/14537 kHz, 08-09, 0300/0320/0340 UTC

495 495 495 1 9182 104 9182 104
82172 49696 59200 01245 85087 95529 63662 73706 67339 22556
25897 24197 32751 81642 67118 44067 66349 28996 03388 60511
37637 62319 70907 76067 17923 04167 67579 97060 81506 28184
52441 19760 16175 37843 71083 76391 76565 50296 00597 87853
65520 38881 92838 86560 15097 50746 02215 77340 07656 08194
22994 57588 11927 94492 46415 91462 46313 03772 88377 09261
66573 98773 32141 93576 43609 32641 54245 71432 26196 95098
20094 44245 70505 78356 33095 04543 72961 92321 86706 15683
07342 61304 90697 38525 47711 58299 66300 63488 33071 41622
66625 68668 95477 73776 26542 15249 87532 42727 62316 20539
72059 46745 01983 48714 000 000

M14

12211/10243 kHz, 31-08/01-09, 0500/0520 UTC

952 376 376 54 54 = =
44905 41858 04143 75082 11849 53519 13496 08627 71177 96768
05628 63060 83992 22976 41754 41312 24198 72928 57136 51305
64484 50482 48085 34730 88967 29518 25474 28345 68429 73873
33186 49982 59086 74968 54946 26443 10841 36777 57965 05480
95933 62859 46844 19050 93948 25134 26160 90020 94099 19066
95191 99523 00747 34977
= = 376 376 54 54 00000

12211/10243 kHz, 02-09/03-09, 0500/0520 UTC

952 401 401 23 23 = =
10342 70557 30828 02376 07305 73987 72979 97803 06135 68270
03554 38972 15859 48322 21045 12856 18893 38900 87578 96859
11126 38752 68458
= = 401 401 23 23

952 837 837 29 29 = =
98950 64987 76753 60240 09561 83686 57380 93461 98286 01260
19173 93047 54300 96648 97239 11560 00543 60218 96709 16122
55022 69001 12673 06867 16821 85464 67795 23768 93988
= = 837 837 29 29 00000

12211/10243 kHz, 04-09, 0500/0520 UTC

952 952 952 00000

12211 kHz, 07-09/08-09, 0500 UTC

10243 kHz, 07-09, 0520 UTC

10243 kHz, 08-09, 0520 UTC. Late start. 925 (R3m) then off

952 610 610 52 52 = =
29187 39407 16385 27777 27718 19707 52893 69250 49187 94716
52110 15362 75859 38626 74307 89115 06029 34293 65690 56093
15347 73610 28957 20964 58076 57568 92376 16654 31744 13219
63351 15895 53591 69719 77384 19812 22291 60642 78398 03258
63350 44750 91330 21569 81644 62409 72963 08432 69515 69834
51904 19559
= = 610 610 52 52 00000

12211/10243 kHz, 09-09/10-09, 0500/0520 UTC

952 438 438 21 21 = =
52367 15692 73204 81140 27423 40387 80771 24511 97229 80680
70851 79595 04190 13692 29601 54991 55321 69702 59379 92249
82188
= = 438 438 21 21

952 671 671 29 29 = =
77110 22198 40210 16220 66366 94382 79784 52938 72231 75200
42019 58273 86799 72950 82551 56085 32764 93059 63355 05443
26443 96987 66021 60752 47165 92869 63718 25337 73928
= = 671 671 29 29 00000

12211/10243 kHz, 14-09/15-09, 0500/0520 UTC

952 340 340 56 56 = =
20520 96013 81572 76590 46703 91954 14407 46552 26146 40746
33368 01812 31962 53651 98159 32855 51421 16205 57425 62762
74217 23338 93129 12853 39439 07967 32220 04751 64661 80211
11513 28572 05611 19463 06742 31905 19832 86456 61701 09280
32788 47562 78424 96820 29857 28461 54339 01753 22626 39410
77324 21462 62950 39273 14627 31800
= = 340 340 56 56 00000

12211/10243 kHz, 16-09/17-09, 0500/0520 UTC

952 103 103 24 24 = =
19215 41969 64048 79007 16671 44652 34449 15841 24494 99613
76289 99173 06643 11885 15873 41263 03076 49683 11454 94192
53300 80932 29574 00314
= = 103 103 24 24

952 687 687 32 32 = =
74400 00800 82257 13059 90512 51014 15728 75499 93776 99272
07394 26607 17806 84841 77094 58144 59290 54513 53016 57096
58497 11359 34174 11886 99218 57712 24107 74552 88403 37083
59187 96072
= = 687 687 32 32 00000

12211/10243 kHz, 18-09, 0500/0520 UTC

952 952 952 00000

12211/10243 kHz, 21-09/22-09, 0500/0520 UTC

952 467 467 58 58 = =
28854 22611 80707 43730 56637 07914 19747 94120 24053 60084
71331 54673 73235 33852 06177 26893 71545 12944 23723 98988
26378 50906 24230 87299 00878 33078 88311 57355 30964 56156
18106 35520 55653 03377 66218 35370 72681 72869 71267 81294
22602 80872 84924 31801 76951 54417 71230 61323 08297 54528
40546 63821 06669 62155 30854 57256 52717 57690
= = 467 467 58 58 00000

12211/10243 kHz, 23-09/24-09, 0500/0520 UTC

952 174 174 22 22 = =
06846 41723 79933 14541 52542 28327 65962 21724 33710 60735
62301 82242 67041 64178 78974 40526 21234 89932 86295 92846
85329 63566
= = 174 174 22 22

952 830 830 29 29 = =
94925 58916 81753 12329 82030 14140 14539 52829 29823 91535
54051 12606 41226 18488 75114 32539 29511 80629 77602 44789
94409 46328 26864 68657 70209 50855 93465 03045 56745
= = 830 830 29 29 00000

12211/10243 kHz, 25-09, 0500/0520 UTC

952 952 952 00000

12211/10243 kHz, 28-09/29-09, 0500/0520 UTC

952 608 608 52 52 = =
 50968 13595 91590 39425 60465 63025 27686 60593 49760 26655
 31112 01682 62761 68427 18639 06758 95961 26549 34984 42845
 76634 73198 95116 30184 07917 08711 98930 34320 22983 01171
 72953 93441 15476 07351 18809 79404 38410 35945 73092 15897
 88705 39009 08374 02155 19561 42576 29984 15699 47847 52361
 48306 92499
 = = 608 608 52 52 00000

12211/10243 kHz, 30-09/01-10, 0500/0520 UTC

952 173 173 44 44 = =
 10589 14692 53171 70906 01330 62517 40396 47424 85408 87918
 80235 49756 07569 25346 71087 75630 60137 29858 30412 98153
 12724 44890 27312 97493 14389 31838 24209 37976 22863 34895
 94776 26521 40501 79579 10339 13374 61664 28396 11908 21050
 61214 42058 10056 12447
 = = 173 173 44 44

952 460 460 15 15 = =
 95093 01309 82223 61023 76279 34467 37964 58526 02996 90125
 57024 09504 95540 37536 99396
 = = 460 460 15 15 00000

M23

Note: Schedules may have been active for days before they are discovered. The dates listed below are the dates on which they were actually heard.

Hourly beeps on 7668 kHz at hh59 on 01 and 02-09.

7668 kHz, 01-09, 1059 UTC 00000 33333 55555 77777 (R25m)

7668 kHz, 01-09, 1129 UTC 00000 33333 55555 77777 (R25m)

5450 kHz, 01-09, 1630 UTC i.p. 00000 33333 55555 77777 (ended at 1654z)

5450 kHz, 01-09, 1659 UTC Hourly beep

7668 kHz, 02-09, 0659 UTC Note: Same word list as in June 2025

7668 kHz, 02-09, 0729 UTC Note: Same word list as in June 2025

PORTE POINT SORTE ARBRE SUITE GARDE CHIEN SIGNE LIGNE MIEN PARTI SACRE MONDE TIEDE GUIDE METRE POUCE POULE REVER
 STADE TRAIN NOTRE VOTRE ENTRE CONTRE DESIR AIDES CONTER RENTE VOTER TENOR Riant DATES VERRE LOUPE COUPE TERME
 DIUE DIETE DEMON CASER PRIMA MINE LINGE SINGE CHINE NICHE GRADE SITUE BARRE STORE GITON ORTER YAWLS AWACS
 CROWN KAWIS SWAGS WEDGE WAGON WRAPS AWELE KAYAK POEME AIKAI PODE GESTE HAIKU HYMNE LAMBE KAIKU RONDO
 ADIEU ELOGE BELL BOURG ESSEN HAMAH CITES TORUN MELUN TOURS NIMES NANCY (R25m)

13958 kHz, 05-09/13-09, 1459 UTC 50505 55550 05550 05500 55005 (R25m)

13958 kHz, 05-09/13-09, 1529 UTC 50505 55550 05550 05500 55005 (R25m)

13958 kHz, 05-09/13-09, 1559 UTC 50505 55550 05550 05500 55005 (R25m)

13958 kHz, 05-09/13-09, 1629 UTC 50505 55550 05550 05500 55005 (R25m)

13958 kHz, 05-09, 1659 UTC Hourly beep

13958 kHz, 06-09/10-09, 0659 UTC 0 (R) 3 (R) 7 (R) (R25m)

13958 kHz, 06-09/10-09, 0729 UTC 0 (R) 3 (R) 7 (R) (R25m)

13958 kHz, 06-09/08-09, 0759 UTC 50505 55550 05550 05500 55005 (R25m)

13958 kHz, 06-09/08-09, 0829 UTC 50505 55550 05550 05500 55005 (R25m)

7668 kHz, 12-09/13-09, 1659 UTC 00000 33333 55555 77777 (R25m)

7668 kHz, 12-09/13-09, 1729 UTC 00000 33333 55555 77777 (R25m)

6961 kHz, 13-09, 1959 UTC 00000 33333 55555 77777 (R25m)

6961 kHz, 13-09, 2029 UTC 00000 33333 55555 77777 (R25m)

7542 kHz, 14-09, 0705 UTC, i.p. 0 (R) – Ended 0720z

The date in the following schedules is the start date. All are still on the air on 30 Sept.

11428 kHz, 26-09, 1159 UTC	Hourly beep
11428 kHz, 26-09, 1159 UTC	1 (R25m)
11428 kHz, 26-09, 1259 UTC	4 (R25m)
11428 kHz, 26-09, 1359 UTC	4 (R25m)
11428 kHz, 26-09, 1459 UTC	3 (R25m)
11428 kHz, 27-09, 1059 UTC	Hourly beep

9476 kHz, 21-09, 0959 UTC	1 (R25m)
9476 kHz, 21-09, 1059 UTC	1 (R25m)

4822 kHz, 28-09, 0059 UTC	3 (R25m)
4822 kHz, 28-09, 0159 UTC	1 (R25m)
4822 kHz, 28-09, 0259 UTC	1 (R25m)

5345 kHz, 22-09, 0559 UTC	4 (R25m)
5345 kHz, 22-09, 0659 UTC	4 (R25m)
5345 kHz, 22-09, 0759 UTC	1 (R25m)
5345 kHz, 22-09, 0859 UTC	1 (R25m)

7542 kHz, 30-09, 1759 UTC	2 (R25m)
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M89 - Chinese Military

7777 1112z 26 Sep 26 i.p.

FF NR 1351/EX 1930 RMKS 8074 TO 8517 = ABC1/DEF2 AR

FF NE 12515/EX 1931 RMKS 8510 TO 8... = ABC1/DEF2 AR

NR 1352 CK 79 53 2 9 430 RMKS 8073 TO 8618 =

UM04 - PROMRCh

4735 kHz, 01-09, 0700 UTC

VVV VVV PROMRCh = 01 09 =
 1000 0700 0730 0850 1260
 1200 0730 0760 0870 1290
 1400 0730 0760 0870 1280
 1600 0720 0750 0860 1220
 1800 0680 0710 0820 1160
 2000 0750 0780 0890 1210
 2200 0660 0690 0770 1060
 0000 0540 0560 0620 0820
 0200 0490 0510 0560 0740
 0400 0430 0440 0490 0660
 0600 0490 0510 0600 0840
 0800 0660 0690 0800 1150 =
 ABV

VVV VVV PROMRCh = 01 09 =
 1000 0700 0730 0850 1260
 1200 0730 0760 0870 1290
 1400 0730 0760 0870 1280
 1600 0720 0750 0860 1220
 1800 0680 0710 0820 1160
 2000 0750 0780 0890 1210
 2200 0660 0690 0770 1060
 0000 0540 0560 0620 0820
 0200 0490 0510 0560 0740
 0400 0430 0440 0490 0660
 0600 0490 0510 0600 0840
 0800 0660 0690 0800 1150 =
 AR

4735 kHz, 02-09, 0659 UTC

VVV VVV PROMRCh = 02 09 =
 1000 0690 0720 0840 1250
 1200 0720 0750 0860 1280
 1400 0730 0760 0870 1270
 1600 0721 0750 0860 1210
 1800 0680 0710 0820 1160
 2000 0750 0780 0880 1200
 2200 0660 0680 0770 1050
 0000 0540 0560 0620 0810
 0200 0500 0510 0560 0740
 0400 0430 0440 0500 0660
 0600 0490 0500 0580 0800
 0800 0660 0690 0810 1150 =
 ABV

VVV VVV PROMRCh = 02 09 =
 1000 0690 0720 0840 1250
 1200 0720 0750 0860 1280
 1400 0730 0760 0870 1270
 1600 0721 0750 0860 1210
 1800 0680 0710 0820 1160
 2000 0750 0780 0880 1200
 2200 0660 0680 0770 1050
 0000 0540 0560 0620 0810
 0200 0500 0510 0560 0740
 0400 0430 0440 0500 0660
 0600 0490 0500 0580 0800
 0800 0660 0690 0810 1150 =
 AR

4735 kHz, 03-09, 0702 UTC

VVV VVV PROMRCh = 03 09 =
 1000 0700 0740 0850 1250
 1200 0740 0770 0870 1280
 1400 0740 0770 0880 1280
 1600 0730 0760 0870 1220
 1800 0690 0720 0830 1170
 2000 0750 0780 0880 1210
 2200 0660 0680 0770 1050
 0000 0540 0560 0620 0820
 0200 0500 0510 0560 7400
 0400 0430 0440 0500 0660
 0600 0490 0500 0580 0800
 0800 0660 0700 0810 1160 =
 ABV

VVV VVV PROMRCh = 03 09 =
 1000 0700 0740 0850 1250
 1200 0740 0770 0870 1280
 1400 0740 0770 0880 1280
 1600 0730 0760 0870 1220
 1800 0690 0720 0830 1170
 2000 0750 0780 0880 1210
 2200 0660 0680 0770 1050
 0000 0540 0560 0620 0820
 0200 0500 0510 0560 7400
 0400 0430 0440 0500 0660
 0600 0490 0500 0580 0800
 0800 0660 0700 0810 1160 =
 AR

4735 kHz, 04-09, 0700 UTC

VVV VVV PROMRCh = 04 09 =
 1000 0710 0740 0860 1250
 1200 0740 0770 0880 1290
 1400 0750 0780 0890 1280
 1600 0730 0760 0880 1230
 1800 0690 0720 0840 1190
 2000 0760 0780 0880 1210
 2200 0650 0680 0760 1040
 0000 0540 0560 0620 0810
 0200 0490 0510 0560 0730
 0400 0430 0440 0500 0660
 0600 0480 0500 0570 0800
 0800 0660 0700 0810 1160 =
 ABV

VVV VVV PROMRCh = 04 09 =
 1000 0710 0740 0860 1250
 1200 0740 0770 0880 1290
 1400 0750 0780 0890 1280
 1600 0730 0760 0880 1230
 1800 0690 0720 0840 1190
 2000 0760 0780 0880 1210
 2200 0650 0680 0760 1040
 0000 0540 0560 0620 0810
 0200 0490 0510 0560 0730
 0400 0430 0440 0500 0660
 0600 0480 0500 0570 0800
 0800 0660 0700 0810 1160 =
 AR

4735 kHz, 07-09, 0700 UTC

VVV VVV PROMRCh = 07 09 =
 1000 0720 0750 0880 1250
 1200 0750 0790 0900 1290
 1400 0740 0800 0910 1280
 1600 0710 0770 0890 1240
 1800 0710 0740 0860 1210
 2000 0750 0780 0880 1210
 2200 0640 0670 0750 1020
 0000 0540 0560 0610 0810
 0200 0500 0510 0560 0730
 0400 0430 0450 0500 0660
 0600 0480 0500 0570 0790
 0800 0670 0710 0830 1180 =
 ABV
 VVV VVV PROMRCh = 07 09 =
 1000 0720 0750 0880 1250
 1200 0750 0790 0900 1290
 1400 0740 0800 0910 1280
 1600 0710 0770 0890 1240
 1800 0710 0740 0860 1210
 2000 0750 0780 0880 1210
 2200 0640 0670 0750 1020
 0000 0540 0560 0610 0810
 0200 0500 0510 0560 0730
 0400 0430 0450 0500 0660
 0600 0480 0500 0570 0790
 0800 0670 0710 0830 1180 =
 AR

4735 kHz, 08-09, 0700 UTC

VVV VVV PROMRCh = 08 09 =
 1000 0730 0770 0890 1260
 1200 0760 0790 0910 1290
 1400 0770 0800 0920 1280
 1600 0740 0770 0890 1250
 1800 0710 0740 0870 1230
 2000 0750 0780 0880 1210
 2200 0640 0660 0740 1010
 0000 0540 0550 0610 0810
 0200 0500 0510 0560 0740
 0400 0440 0450 0500 0670
 0600 0480 0500 0570 0790
 0800 0670 0710 0830 1190 =
 ABV
 VVV VVV PROMRCh = 08 09 =
 1000 0730 0770 0890 1260
 1200 0760 0790 0910 1290
 1400 0770 0800 0920 1280
 1600 0740 0770 0890 1250
 1800 0710 0740 0870 1230
 2000 0750 0780 0880 1210
 2200 0640 0660 0740 1010
 0000 0540 0550 0610 0810
 0200 0500 0510 0560 0740
 0400 0440 0450 0500 0670
 0600 0480 0500 0570 0790
 0800 0670 0710 0830 1190 =
 AR

4735 kHz, 09-09, 0659 UTC

Test tones. At 0707z VVV VVVV.
 Message at 0717z.
 VVV VVV PROMRCh = 09 09 =
 1000 0730 0760 0890 1260
 1200 0760 0790 0910 1290
 1400 0700 0800 0920 1290
 1600 0740 0770 0890 1250
 1800 0710 0750 0870 1230
 2000 0750 0780 0880 1200
 2200 0640 0660 0740 1000
 0000 0540 0550 0610 0800
 0200 0500 0510 0560 0740
 0400 0430 0450 0500 0660
 0600 0480 0500 0570 0790
 0800 0680 0710 0840 1200 =
 ABV
 VVV VVV PROMRCh = 09 09 =
 1000 0730 0760 0890 1260
 1200 0760 0790 0910 1290
 1400 0700 0800 0920 1290
 1600 0740 0770 0890 1250
 1800 0710 0750 0870 1230
 2000 0750 0780 0880 1200
 2200 0640 0660 0740 1000
 0000 0540 0550 0610 0800
 0200 0500 0510 0560 0740
 0400 0430 0450 0500 0660
 0600 0480 0500 0570 0790
 0800 0680 0710 0840 1200 =
 AR

4735 kHz, 10-09, 0702 UTC

VVV VVV PROMRCh = 10 09 =
 1000 0681 0720 0850 1250
 1200 0720 0760 0801 1290
 1400 0740 0770 0890 1280
 1600 0710 0750 0870 1230
 1800 0690 0730 0850 1210
 2000 0730 0760 0860 1180
 2200 0620 0760 0720 0980
 0000 0520 0540 0590 0790
 0200 0480 0490 0540 0720
 0400 0430 0440 0490 0650
 0600 0470 0490 0560 0780
 0800 0670 0710 0830 1200 =
 ABV
 VVV VVV PROMRCh = 10 09 =
 1000 0681 0720 0850 1250
 1200 0720 0760 0801 1290
 1400 0740 0770 0890 1280
 1600 0710 0750 0870 1230
 1800 0690 0730 0850 1210
 2000 0730 0760 0860 1180
 2200 0620 0760 0720 0980
 0000 0520 0540 0590 0790
 0200 0480 0490 0540 0720
 0400 0430 0440 0490 0650
 0600 0470 0490 0560 0780
 0800 0670 0710 0830 1200 =
 AR

4735 kHz, 11-09, 0659 UTC

VVV VVV PROMRCh = 11 09 =
 1000 0710 0740 0870 1250
 1200 0740 0780 0890 1290
 1400 0760 0790 0910 1280
 1600 0530 0760 0880 1250
 1800 0700 0740 0860 1230
 2000 0730 0760 0860 1190
 2200 0620 0640 0720 0980
 0000 0520 0540 0600 0790
 0200 0480 0490 0540 0710
 0400 0420 0440 0490 0650
 0600 0470 0490 0560 0780
 0800 0670 0710 0840 1200 =
 ABV
 VVV VVV PROMRCh = 11 09 =
 1000 0710 0740 0870 1250
 1200 0740 0780 0890 1290
 1400 0760 0790 0910 1280
 1600 0530 0760 0880 1250
 1800 0700 0740 0860 1230
 2000 0730 0760 0860 1190
 2200 0620 0640 0720 0980
 0000 0520 0540 0600 0790
 0200 0480 0490 0540 0710
 0400 0420 0440 0490 0650
 0600 0470 0490 0560 0780
 0800 0670 0710 0840 1200 =
 AR

4735 kHz, 12-09, 0700 UTC

VVV VVV PROMRCh = 12 09 =
 1000 0690 0730 0870 1250
 1200 0700 0770 0890 1290
 1400 0750 0790 0910 1280
 1600 0720 0750 0870 1240
 1800 0700 0730 0860 1220
 2000 0720 0750 0860 1180
 2200 0610 0630 0710 0960
 0000 0510 0530 0580 0770
 0200 0470 0480 0540 0700
 0400 0420 0430 0490 0650
 0600 0470 0480 0560 0770
 0800 0670 0700 0830 1200 =
 ABV
 VVV VVV PROMRCh = 12 09 =
 1000 0690 0730 0870 1250
 1200 0700 0770 0890 1290
 1400 0750 0790 0910 1280
 1600 0720 0750 0870 1240
 1800 0700 0730 0860 1220
 2000 0720 0750 0860 1180
 2200 0610 0630 0710 0960
 0000 0510 0530 0580 0770
 0200 0470 0480 0540 0700
 0400 0420 0430 0490 0650
 0600 0470 0480 0560 0770
 0800 0670 0700 0830 1200 =
 AR

4735 kHz, 13-09, 0700 UTC

VVV VVV PROMRCh = 13 09 =
 1000 0710 0740 0880 1260
 1200 0740 0780 0900 1290
 1400 0760 0790 0920 1290
 1600 0720 0760 0880 1250
 1800 0700 0740 0860 1230
 2000 0720 0750 0850 1170
 2200 0600 0620 0700 0960
 0000 0510 0530 0580 0760
 0200 0470 0480 0530 0700
 0400 0420 0430 0480 0640
 0600 0460 0480 0550 0760
 0800 0670 0700 0830 1200 =
 VVV VVV PROMRCh = 13 09 =
 1000 0710 0740 0880 1260
 1200 0740 0780 0900 1290
 1400 0760 0790 0920 1290
 1600 0720 0760 0880 1250
 1800 0700 0740 0860 1230
 2000 0720 0750 0850 1170
 2200 0600 0620 0700 0960
 0000 0510 0530 0580 0760
 0200 0470 0480 0530 0700
 0400 0420 0430 0480 0640
 0600 0460 0480 0550 0760
 0800 0670 0700 0830 1200 =
 AR

4735 kHz, 14-09, 0700 UTC

VVV VVV PROMRCh = 14 09 =
 1000 0700 0740 0880 1270
 1200 0740 0780 0900 1290
 1400 0760 0790 0920 1300
 1600 0720 0760 0880 1250
 1800 0700 0730 0860 1230
 2000 0720 0740 0850 1160
 2200 0590 0610 0690 0940
 0000 0500 0520 0570 0970
 0200 0460 0470 0520 0690
 0400 0410 0420 0470 0630
 0600 0460 0470 0550 0760
 0800 0670 0700 0830 1200 =
 ABV
 VVV VVV PROMRCh = 14 09 =
 1000 0700 0740 0880 1270
 1200 0740 0780 0900 1290
 1400 0760 0790 0920 1300
 1600 0720 0760 0880 1250
 1800 0700 0730 0860 1230
 2000 0720 0740 0850 1160
 2200 0590 0610 0690 0940
 0000 0500 0520 0570 0970
 0200 0460 0470 0520 0690
 0400 0410 0420 0470 0630
 0600 0460 0470 0550 0760
 0800 0670 0700 0830 1200 =
 AR

4735 kHz, 15-09, 0700 UTC

VVV VVV PROMRCh = 15 09 =
 1000 0730 0760 0900 1290
 1200 0650 0800 0920 1300
 1400 0770 0810 0930 1320
 1600 0730 0760 0890 1270
 1800 0710 0750 0870 1250
 2000 0720 0750 0850 1170
 2200 0590 0610 0690 0940
 0000 0500 0520 0850 0760
 0200 0460 0470 0520 0680
 0400 0410 0420 0470 0630
 0600 0450 0470 0540 0750
 0800 0670 0700 0830 1210 =
 ABV

VVV VVV PROMRCh = 15 09 =
 1000 0730 0760 0900 1290
 1200 0650 0800 0920 1300
 1400 0770 0810 0930 1320
 1600 0730 0760 0890 1270
 1800 0710 0750 0870 1250
 2000 0720 0750 0850 1170
 2200 0590 0610 0690 0940
 0000 0500 0520 0850 0760
 0200 0460 0470 0520 0680
 0400 0410 0420 0470 0630
 0600 0450 0470 0540 0750
 0800 0670 0700 0830 1210 =
 AR

4735 kHz, 16-09, 0700 UTC

VVV VVV PROMRCh = 16 09 =
 1000 0760 0800 0930 1330
 1200 0790 0820 0950 1330
 1400 0800 0830 0960 1350
 1600 0740 0780 0900 1280
 1800 0720 0760 0890 1270
 2000 0720 0750 0850 1170
 2200 0590 0610 0690 0930
 0000 0500 0520 0570 0760
 0200 0460 0460 0520 0680
 0400 0400 0410 0460 0620
 0600 0450 0470 0540 0750
 0800 0670 0710 0840 1210 =
 ABV

VVV VVV PROMRCh = 16 09 =
 1000 0760 0800 0930 1330
 1200 0790 0820 0950 1330
 1400 0800 0830 0960 1350
 1600 0740 0780 0900 1280
 1800 0720 0760 0890 1270
 2000 0720 0750 0850 1170
 2200 0590 0610 0690 0930
 0000 0500 0520 0570 0760
 0200 0460 0460 0520 0680
 0400 0400 0410 0460 0620
 0600 0450 0470 0540 0750
 0800 0670 0710 0840 1210 =
 AR

4735 kHz, 17-09, 0701 UTC

VVV VVV PROMRCh = 17 09 =
 1000 0720 0760 0900 1300
 1200 0760 0790 0920 1310
 1400 0770 0810 0940 1330
 1600 0720 0760 0890 1260
 1800 0700 0740 0870 1250
 2000 0700 0730 0830 1140
 2200 0570 0590 0670 0910
 0000 0490 0500 0560 0740
 0200 0440 0450 0510 0670
 0400 0390 0400 0460 0610
 0600 0440 0460 0530 0740
 0800 0660 0700 0830 1210 =
 ABV

VVV VVV PROMRCh = 17 09 =
 1000 0720 0760 0900 1300
 1200 0760 0790 0920 1310
 1400 0770 0810 0940 1330
 1600 0720 0760 0890 1260
 1800 0700 0740 0870 1250
 2000 0700 0730 0830 1140
 2200 0570 0590 0670 0910
 0000 0490 0500 0560 0740
 0200 0440 0450 0510 0670
 0400 0390 0400 0460 0610
 0600 0440 0460 0530 0740
 0800 0660 0700 0830 1210 =
 AR

4735 kHz, 18-09, 0700 UTC

VVV VVV PROMRCh = 18 09 =
 1000 0520 0760 0890 1300
 1200 0650 0790 0920 1310
 1400 0770 0800 0930 1320
 1600 0720 0700 0890 1260
 1800 0700 0740 0880 1260
 2000 0690 0720 0820 1130
 2200 0560 0580 0660 0900
 0000 0480 0500 0550 0730
 0200 0440 0450 0500 0660
 0400 0390 0400 0450 0600
 0600 0440 0450 0520 0730
 0800 0660 0700 0830 1210 =
 ABV

VVV VVV PROMRCh = 18 09 =
 1000 0520 0760 0890 1300
 1200 0650 0790 0920 1310
 1400 0770 0800 0930 1320
 1600 0720 0700 0890 1260
 1800 0700 0740 0880 1260
 2000 0690 0720 0820 1130
 2200 0560 0580 0660 0900
 0000 0480 0500 0550 0730
 0200 0440 0450 0500 0660
 0400 0390 0400 0450 0600
 0600 0440 0450 0520 0730
 0800 0660 0700 0830 1210 =
 AR

4735 kHz, 19-09, 0700 UTC

VVV VVV PROMRCh = 19 09 =
 1000 0740 0780 0920 1320
 1200 0770 0810 0930 1330
 1400 0780 0820 0950 1340
 1600 0730 0770 0900 12£0
 1800 0710 0750 0890 1270
 2000 0690 0720 0820 1130
 2200 0560 0580 0650 0890
 0000 0480 0500 0550 0730
 0200 0430 0440 0500 0160
 0400 0380 0390 0440 0600
 0600 0430 0450 0520 0730
 0800 0660 0690 0830 1200 =
 ABV

VVV VVV PROMRCh = 19 09 =
 1000 0740 0780 0920 1320
 1200 0770 0810 0930 1330
 1400 0780 0820 0950 1340
 1600 0730 0770 0900 12£0
 1800 0710 0750 0890 1270
 2000 0690 0720 0820 1130
 2200 0560 0580 0650 0890
 0000 0480 0500 0550 0730
 0200 0430 0440 0500 0160
 0400 0380 0390 0440 0600
 0600 0430 0450 0520 0730
 0800 0660 0690 0830 1200 =
 AR

4735 kHz, 20-06, 0700 UTC

VVV VVV PROMRCh = 20 09 =
 1000 0750 0790 0930 1340
 1200 0780 0810 0940 1350
 1400 0790 0830 0960 1360
 1600 0730 0770 0900 1290
 1800 0720 0760 0890 1290
 2000 0690 0720 0820 1140
 2200 0550 0570 0650 0880
 0000 0480 0490 0540 0720
 0200 0430 0440 0490 0650
 0400 0380 0390 0450 0600
 0600 0430 0450 0520 0720
 0800 0660 0700 0830 1210 =
 ABV

VVV VVV PROMRCh = 20 09 =
 1000 0750 0790 0930 1340
 1200 0780 0810 0940 1350
 1400 0790 0830 0960 1360
 1600 0730 0770 0900 1290
 1800 0720 0760 0890 1290
 2000 0690 0720 0820 1140
 2200 0550 0570 0650 0880
 0000 0480 0490 0540 0720
 0200 0430 0440 0490 0650
 0400 0380 0390 0450 0600
 0600 0430 0450 0520 0720
 0800 0660 0700 0830 1210 =
 AR

4735 kHz, 21-09, 0700 UTC

VVVVV PROMRCh = 21 09 =
 1000 0740 0780 0920 1340
 1200 0770 0810 0940 1350
 1400 0790 08 0 0960 1350
 1600 0730 0770 0900 1290
 1800 0720 0770 0900 1290
 2000 0690 0720 0820 1130
 2200 0550 0570 0640 0870
 0000 0470 0490 0540 0720
 0200 0430 0440 0490 0650
 0400 0380 0390 0440 0590
 0600 0430 0450 0520 0720
 0800 0660 0700 0830 1210 =
 ABV

VVVVV PROMRCh = 21 09 =
 1000 0740 0780 0920 1340
 1200 0770 0810 0940 1350
 1400 0790 08 0 0960 1350
 1600 0730 0770 0900 1290
 1800 0720 0770 0900 1290
 2000 0690 0720 0820 1130
 2200 0550 0570 0640 0870
 0000 0470 0490 0540 0720
 0200 0430 0440 0490 0650
 0400 0380 0390 0440 0590
 0600 0430 0450 0520 0720
 0800 0660 0700 0830 1210 =
 AR

4735 kHz, 22-09, 0700 UTC

VVV VVV PROMRCh = 22 09 =
 1000 0750 0790 0930 1350
 1200 0770 0810 0950 1350
 1400 0790 0830 0960 1360
 1600 0730 0770 0900 1280
 1800 0720 0760 0900 1290
 2000 0590 0720 0720 1130
 2200 0550 0570 0640 0870
 0000 0470 0480 0540 0710
 0200 0430 0440 0490 0640
 0400 0380 0390 0440 0590
 0600 0430 0450 0520 0720
 0800 0660 0700 0830 1210 =
 ABV

VVV VVV PROMRCh = 22 09 =
 1000 0750 0790 0930 1350
 1200 0770 0810 0950 1350
 1400 0790 0830 0960 1360
 1600 0730 0770 0900 1280
 1800 0720 0760 0900 1290
 2000 0590 0720 0720 1130
 2200 0550 0570 0640 0870
 0000 0470 0480 0540 0710
 0200 0430 0440 0490 0640
 0400 0380 0390 0440 0590
 0600 0430 0450 0520 0720
 0800 0660 0700 0830 1210 =
 AR

UM10 - 10-minutes net

All logged by JP

3542 kHz, 17-09 UTC, HDNA (1220 – 1230z)
3542/4116 kHz, 19-09 UTC, HDNA (2020 – 2100z)

3257 kHz, 20-09 UTC, SDXL (1250 –1300z)
3257/3629 kHz, 20-09 UTC, SDXL (1320 –1300z)

6790 kHz, 13-09 UTC, JATD (0950 –1000z)
6790 kHz, 13-09 UTC, JATD (1020 –1030z)
7335/6790 kHz, 15-09 UTC, JATD (1020 –1030z)

6780 kHz, 13-09 UTC, QUXF (0950 –1000z)
6780 kHz, 13-09 UTC, QUXF (1020 –1030z)
5918/6780 kHz, 15-09 UTC, QUXF (0920 –0930z)



DIGITAL MODES

F01

F01 – FSK 200/500 Mon-Fri schedule

9128/7546/5113 kHz, 01-09, 1015/1025/1035 UTC

02727 52008 92431 65843 20334 09883 67621 53968 37371 54750
78558 82586 54717 35713 69279 39433 23822 48859 89426 93791
71452 04754 50493 71465 43288 90177 53259 85697 27310 28792
09852 41249 42900 70413 08882 53798 06609 63591 97072 51864
10518 91172 75840 53435 74138 73541 36245 34497 55784 69225
80761 31632 34347 27551 05321 45901 97430 73034 39991 40176
96763 26204 71858 47111 56832 90526 98421 29959 47683 60150
85013 63397 57811 28116 24652 26562 28093 99759 23782 25483
32690 40975 62327 87090 17856 16020 01493 92001 34601 94565
37768 38259 26135 32680 26549 53211 56036 30097 00000

46193 35052 78413 60501 72066 34186 84530 51430 68967 32600
59324 04923 63638 89953 05846 35037 95398 22943 83046 88848
36211 49366 44832 35474 04592 01422 25314 86065 34301 12934
93681 61942 83766 10188 27150 53055 97156 61076 75403 33976
53059 62221 14985 29584 61688 68779 17064 47655 96574 96609
77021 20533 71650 51487 79282 22364 99695 65064 95852 58992
93064 42250 41970 33002 92633 49703 37332 50588 35910 00130
46324 12947 00238 12067 95686 99075 82041 49849 13068 52264
98042 73393 94885 31083 00000 +++++

9128/7546/5113 kHz, 02-09, 1015/1025/1035 UTC

95987 02144 51142 43895 54774 11376 63551 85916 08419 15557
55551 57916 11125 56181 62019 46360 30636 24099 72839 53768
20064 62376 65905 57478 80425 22751 08189 08733 24846 30403
98313 39293 80362 36702 49064 67752 88258 64639 33285 22748
88870 76618 41580 25260 01810 19299 25285 97165 37524 25173
23115 88268 01152 75578 94948 38959 74599 54813 11181 20709

87766 50058 71071 21593 14886 76785 48541 69009 56888 34346
88848 06797 95737 21413 04575 68937 31689 65983 44373 17023
39377 49613 32898 33684 03706 30584 05374 89158 21451 95674
85225 23198 79522 95240 78209 09486 45834 41280 81493 94773
33696 73170 31109 29896 25687 20778 36223 34885 67936 19611
73664 65344 70755 57710 41140 72276 76542 58973 92576 72567
80929 32581 04040 72291 18072 43235 43641 10041 46047 81880
43904 12464 93279 41597 99994 79190 51947 28364 42274 39351
29292 61371 56606 46853 92777 42567 50857 06623 70038 00137
91018 48987 89545 35586 55404 94393 72933 29136 80343 75637
14926 83097 95821 09812 11799 07924 74498 37139 24313 80631
42539 68893 86054 30264 25704 11586 93128 30099 29127 59609
36137 01280 74223 73533 60374 57560 41164 86220 65187 45851
90354 03969 78434 62252 61354 94862 66976 48263 72674 81514
69137 96857 70893 80386 60086 23106 02529 54891 86052 79034
07089 74438 28340 17421 54774 96632 83049 34185 77223 14801
67478 44100 64775 38040 89101 69478 28672 95973 38096 46537
51638 85397 89339 79128 75274 01015 24814 94520 97710 17433
12359 80914 79946 14624 01714 11387 84321 64025 23773 83952
93550 17476 04015 32416 83768 66169 26015 87723 50010 61813
06006 94482 07570 17187 64398 12345 17682 28270 65225 56949
10948 85182 39418 60090 06965 63988 12886 53822 53573 16762
25303 08170 34177 01900 50562 77144 16562 21987 94826 32748
41665 61364 53114 91646 75711 40589 50357 64218 74175 29979
77868 80642 30995 89428 61162 73729 11471 26673 20049 23181
92304 91209 06966 90955 57195 46039 34455 02443 21444 84435
27752 53121 83995 83920 63394 45390 30366 14626 79819 85273
34883 44248 70858 93663 35673 06770 98086 11809 80855 27128
82955 05730 69350 19044 64645 99240 34762 98171 34587 90281
45764 77771 83566 30229 21422 39089 22381 70888 84901 93629
61954 08850 03989 79517 63870 81889 91863 59116 97251 97118
66570 10115 62921 95547 92607 27255 70728 27681 75309 57889
81413 80442 25937 71561 47610 78267 62429 56789 17171 91125
91746 27249 82490 51094 99743 14535 88141 89009 55512 13694
32275 32401 00000 +++++ +++++

9128/7546/5113 kHz, 03-09, 1015/1025/1035 UTC

98319 95682 02975 22390 62193 39627 67727 82156 95253 47065
70568 99527 72440 57216 05229 06312 43594 48275 82576 31334
00279 90236 88494 58584 10266 36099 33661 44836 49394 99888
37398 07680 85469 94932 12804 19899 93913 30827 45330 71135
09827 92531 82013 82778 46176 50028 73532 87004 32777 71995
36289 05930 55761 41905 26689 91781 02230 00016 44829 14059
39758 59673 09755 04587 85459 71367 73495 96430 44287 32976
66048 17592 21257 69647 88519 25421 37283 33077 00000

74694 45675 74915 48977 64480 22371 10783 58129 98666 32213
38460 08274 05334 31120 90050 97494 37772 74869 66096 11785
17317 02051 94095 36361 83713 54618 75003 06936 45178 96975
22413 24354 45363 19532 24092 81053 89403 37674 80582 72776
96223 22080 00526 93975 69313 21323 57420 40347 03139 62691
37494 66927 67390 42177 33372 75197 36252 39553 63237 27631
54869 19495 20165 13111 60222 04666 81318 11678 98571 31721
31704 32015 06682 26152 82149 20143 48993 56917 86223 62725
27947 56805 85758 33454 09637 19440 39681 55934 31981 08901
15823 81507 87602 42868 50412 05459 98602 35246 04933 70036
25420 34101 00000 +++++ +++++ +++++

9128/7546/5113 kHz, 04-09, 1015/1025/1035 UTC

00000 +++++ +++++

9128/7546/5113 kHz, 07-09, 1015/1025/1035 UTC

Not monitored

9128/7546/5113 kHz, 08-09, 1015/1025/1035 UTC

25983 81280 13735 21989 48861 14675 43196 19151 70964 41708
36255 50365 38940 52725 05152 54433 09855 23374 54668 62965
55222 53471 70191 09413 49881 30179 27346 45999 00435 88932
90405 04508 92926 70571 91650 61852 64440 98079 08884 69283
19002 14149 83263 45771 07641 03822 44671 02693 56806 48102
36773 08785 75627 86253 58984 33267 45918 80928 67512 46895
45073 12147 02670 27282 16403 47701 34644 56496 00887 20690
44913 96884 60044 62613 85494 56060 44608 65482 83204 76979
88676 71357 81141 14065 34058 12776 34546 81288 14457 52491
03253 83175 54235 95967 07912 64651 61389 75061 42164 40671
19469 26341 57963 91580 08099 12463 66226 36107 00000

91650 98315 69294 11095 72935 62744 21973 29805 56235 93922
80856 87128 97139 68606 98740 67146 91512 18439 70441 01914
64551 68983 96698 34763 06030 09713 02878 57523 75176 12140
98379 51367 23621 38288 87725 85941 09836 06673 69229 56502
03529 07994 82208 63714 03408 87724 88668 65818 16769 37776
00393 57849 74325 64440 87390 37055 00000 +++++

9128/7546/5113 kHz, 09-09, 1015/1025/1035 UTC

41254 96505 13535 10970 26692 08623 62731 19820 84409 60130
12902 23973 22352 89171 21827 22657 63307 17859 15971 02659
88549 64260 19136 25355 91741 05645 37469 95471 41522 85191
61747 16290 76233 79343 72892 60942 79201 67991 61639 14531
08031 74677 98308 66715 76332 69004 13608 59490 11342 48443
76412 19821 35840 41720 79448 31824 47837 00974 68831 28198
96446 74867 78383 05573 77383 79850 54679 93470 96537 11746
83744 31571 75040 64861 55360 34967 94281 50809 25897 52087
04301 34215 65625 44995 43996 27510 01429 46725 46584 11999
90875 75367 28761 77375 88568 09573 86977 96891 90718 55172
49293 80351 68876 57599 56229 72126 28770 39798 69059 86382
55166 70306 28989 96695 28713 91206 15641 22252 25688 60623
78301 77817 36596 89457 38356 79664 64555 77055 86350 24645
89396 75479 22125 84587 08432 37086 11446 83226 89816 25095
57585 47829 99449 91822 11271 52718 87343 54294 67462 96879
44402 21894 22372 82841 65552 55759 89184 88998 80160 64600
95899 52598 35662 66634 13749 05546 45365 72313 89605 30231
36338 67552 80844 27569 58345 02121 16078 14429 39747 12907
30210 92643 01309 36727 47240 56795 63865 92375 09261 32953
10762 36601 75087 65556 91027 23694 36948 94628 74195 23377
28684 90518 92736 76680 23882 38334 33013 94499 47401 89285
60716 28506 48696 21101 91709 69122 10413 74715 44216 50221
90662 59416 33301 65260 22435 43631 93564 24528 18565 73554
41006 08185 55718 86783 09977 94801 35809 13170 26174 70069
48294 80061 01606 45368 81794 64126 62465 40896 58460 56951
45852 13026 89531 36588 26280 30597 75527 62252 57911 29816
99504 34351 43439 02456 86811 87030 65585 97049 29795 05432
42113 37754 00875 84837 90333 90580 02443 73904 12003 31673
27015 69164 34580 97328 26068 52982 69766 20439 11015 92157
75264 83051 34736 39359 30703 39723 27127 04578 63651 91370
83074 88790 86678 14290 26321 97010 31379 74042 97640 72931
90309 78893 40772 22329 02772 52483 84539 17425 45388 30430
44606 99400 13388 10542 93290 21233 03565 11333 70889 98055
34827 18525 36944 57227 67278 24224 84874 05290 05785 88465
68449 54019 98934 77807 13488 72730 69359 60654 13272 59054
36335 64023 31074 45346 16603 21405 58260 82939 14358 66442
01389 71407 36326 52083 96761 25036 92886 99917 75841 93695
71156 09377 29994 80289 90992 81479 47983 21970 79839 36821
24656 27320 27362 32486 64255 86671 05797 07573 26801 97756
66974 12022 90975 73887 51926 98430 31950 26824 74036 81544
37586 41562 61660 95111 11461 85176 71158 00787 36140 16958

06270 28774 95143 91986 04784 54898 77046 75364 78418 43788
10132 09277 16872 12854 01064 38425 00000 +++++ +++++

9128/7546/5113 kHz, 10-09, 1015/1025/1035 UTC

30699 27690 23103 46210 85855 98986 35963 86465 37101 56128
81602 91163 27375 62805 98460 27483 42450 72272 49756 71255
35194 92404 67522 20903 63996 21558 50645 81387 81279 34918
15353 10374 33060 26017 21567 43785 55473 33121 23588 42941
79209 05169 18524 30462 77801 86943 90911 07137 20691 28175
76971 66928 17026 46251 96920 52315 61109 97234 28803 17152
15451 34864 22245 89236 92354 62234 75599 49771 19974 05835
24910 71905 03785 66645 18115 85553 19397 27966 72960 60657
97656 24672 42024 26107 87973 03588 33322 66488 10801 29653
59908 63844 35219 17582 16921 76651 42554 93703 09506 73188
61964 17653 80053 61483 88941 18622 08197 83035 22658 25850
81995 39111 00000

45787 56836 78706 30406 71647 71670 66400 65677 78003 83438
75061 07590 28168 75073 26262 73557 31944 84242 26582 62656
90643 22167 30436 13553 05477 09330 87392 84791 97763 70275
84882 12143 14395 54664 22272 22680 16986 76802 77208 10290
78161 90799 50200 02287 33402 43569 98345 71839 61899 72842
94168 75874 94851 42395 70484 23166 74634 31662 37236 02281
13293 21938 81248 24075 23786 46350 84826 58438 22419 40069
00000 +++++

9128/7546/5113 kHz, 11-09, 1015/1025/1035 UTC

00000 +++++ +++++

9128/7546/5113 kHz, 13-09, 1015/1025/1035 UTC

Not monitored

9128/7546/5113 kHz, 14-09, 1015/1025/1035 UTC

86904 64449 39346 33584 48118 85271 57348 93757 03201 48867
01703 74353 39365 69703 11698 82506 12240 21886 12734 93661
24741 02298 75714 70113 99405 61005 12866 57440 61371 84898
39669 13200 74183 45487 57593 39344 95622 46795 37318 17077
45746 34289 07130 67589 04311 50781 76181 87112 79793 50241
47305 29724 17164 05456 99061 36344 36634 70476 41714 33368
20533 83781 76819 49350 90524 23110 15115 23210 42349 47883
32397 02364 30254 90169 68075 82471 83418 01125 _____
_____ 16777 22878 21278 39491 20341 92076 06089 67308 26572
_____ 09524 56180 36106 57646 43399 29817 12220
10989 39501 84904 98726 89769 19232 85649 77662 84225 09051
15699 98975 77668 68355 61265 14895 12072 86197 38486 35487
59629 07796 69719 28852 17448 76763 _____
_____ 68776 19952
00050 65515 62095 38044 42048 03403 42093 46205 00567 68834
54832 44741 02111 94214 36722 62642 01371 76697 67072 _____
_____ 91458 59141 31347 30993 95560 41426 67563 15601
34191 02296 59208 53985 45178 43850 56614 _____
_____ 18117 03577 67455 97310 61724 98566 77088
68403 79373 35538 94519 63275 16442 55013 65608 02415 06295
53492 96163 06443 84933 50409 55503 57661 17454 14179 75418
38642 09754 14509 80494 27558 03942 _____

_____ 27674
75068 73981 77863 67049 02679 58567 97841 73945 81080 14606
20332 08731 20876 13917 73556 33097 08427 52850 36890 07075
34692 15165 49032 98650 87032 49860 _____ 87376
60338 04665 _____ 12862 13035
98826 26562 54834 47835 14199 93761 60016 07049 13795 94444
02231 38577 06044 90352 63209 91193 10378 31463 31880 79725

26885 22977 33045 97205 40819 66616 27646 84932 16656 49687
 51791 96381 61399 80323 86750 15901 61801 _____
 25205 68297 39115 79066 78680 53705 _____ 61654
 47941 28527 28216 90463 45755 92589 54274 03285 91550 75223
 61787 42945 52167 49170 82212 80470 26468 02369 98386 20750
 67377 16906 83024 _____

 _____ 81710 25496 17074 96840 231=6 07497 95642 04688 98241
 95642 04688 98241 76647 32900 18821 34692 72896 07254 92120
 88911 95418 67107 78298 =7759 96540 42596 82378 47576 23869
 76219 _____
 _____ 34692 72896 07254 92120
 88911 95418 67107 78298 07759 _____

 66138 41110 00000 +++++

9128/7546/5113 kHz, 15-09, 1015/1025/1035 UTC

28019 70211 22233 69445 72294 14746 85545 81976 49895 50090
 76219 79960 00081 12736 01835 64972 73546 52589 31033 16077
 89071 99692 12128 32160 30363 23416 05247 32869 06480 57185
 94010 46022 53571 60731 04446 93247 84453 96767 73693 58716
 39104 44141 30713 45452 13042 10446 53436 62548 56791 78160
 09985 30043 66027 39233 42133 43403 25276 63645 36666 93789
 43968 97270 25911 09815 02250 59334 20452 34636 56626 77088
 98695 17699 62971 18721 41286 63439 82555 68255 43443 83688
 03419 42081 00000

73838 83278 29187 25591 25686 90233 49786 42315 36256 71556
 84369 02769 57190 61100 24486 41126 72430 15940 74922 96116
 41988 44759 71781 90341 19356 07101 85225 03894 52091 36658
 95553 50502 26088 70694 30506 04062 45860 74217 43861 48433
 76766 22917 17760 22802 16201 12520 28160 81343 99136 61625
 07557 64280 80060 33132 12549 46263 36941 52655 12757 69908
 88107 07511 06330 20820 61222 88562 84536 60685 77951 04265
 07292 21931 48494 73074 13321 43075 00000 +++++

9128/7546/5113 kHz, 16-09, 1015/1025/1035 UTC

18935 18552 20990 79368 49407 51298 49053 53368 47863 86164
 37764 76132 94375 65278 81616 14453 69457 98995 46335 41654
 38239 80521 10713 90539 33957 97109 91359 20893 14198 05029
 86300 81216 88334 60493 98358 69388 39591 23732 24261 21944
 90167 78392 20400 86652 82884 33462 81203 58077 77750 99898
 91024 80824 86918 59155 35521 50138 96462 65784 83429 64564
 48396 51315 74696 10338 81390 21588 75893 82205 53623 64726
 88852 70353 96187 11951 23462 68147 70507 18409 70562 80348
 28197 56204 35873 36511 96794 36836 20899 39247 39817 05203
 61738 02032 64563 72391 61744 56259 76115 79412 78970 32211
 00966 09083 54340 43652 28704 88244 91468 30713 45221 47498
 24095 40773 55845 30645 32040 52013 21859 71022 91639 69327
 58830 76925 71587 47297 70207 93293 10128 19895 14589 31855
 34533 41611 30140 86916 08797 69708 64559 78989 20501 42256
 84063 93424 42766 31676 59803 06265 32248 78440 55164 14486
 49097 34654 62379 12825 09839 72174 61898 84370 09094 34972
 02951 97115 71082 40422 28731 23656 16860 59203 94659 26215
 58203 28499 53136 74192 54103 78189 03244 86420 90780 74717
 28829 15310 71189 12316 73399 15086 24919 06290 25268 61283
 74448 68033 11402 13709 18685 66473 23389 40039 19727 05631
 23974 42261 03783 72971 07602 53119 12194 38260 13399 94781
 63486 07579 14032 16891 12397 62211 28890 56206 16815 37082
 35012 85007 48563 18430 74209 40459 08970 65407 79822 52120
 35160 85296 71532 09783 08008 17021 91687 38837 97691 02649
 81565 75330 07774 51574 21015 57937 03762 27053 79914 78996
 37077 09803 54886 61828 00372 18328 89700 56505 75128 90678

02805 71261 57482 57320 70428 81746 73210 59804 38682 85286
17810 94926 63103 92361 82614 89062 99080 72469 52888 32366
91595 96577 88818 27516 37712 43346 25369 32786 20265 61297
51912 03554 36172 04142 57580 63632 67817 81430 53284 58292
70935 91724 06326 71477 77432 30481 48545 10219 36598 89820
43944 86488 43122 92386 26714 51098 25372 26472 45614 59353
92355 74599 75638 73113 62821 52751 82902 28977 24919 02426
53685 27266 99861 02719 23579 21498 08038 94609 67662 13029
60995 34637 37661 80568 27743 20170 57001 99238 48809 53429
09726 28875 96486 36487 84185 76248 04714 14391 57460 60909
17012 08637 31434 39323 25937 08150 56470 66998 02465 09978
03625 03291 38763 26879 71329 88570 52769 03988 37481 48439
28032 11756 92887 04684 87237 07348 16995 97663 22872 81675
81828 49799 33440 34279 95110 24870 38699 43209 18465 62799
72323 22131 21656 94614 75457 81814 58804 67268 39577 38212
77515 44411 00000 +++++

9128/7546/5113 kHz, 17-09, 1015/1025/1035 UTC

21443 36404 17770 05658 16737 86980 20766 69141 66419 45445
07018 88310 93122 89790 65590 78974 03307 64392 53781 79739
25624 65617 93937 79860 68926 25590 61001 00707 48331 36276
71714 85522 52791 81094 11413 77182 52614 66236 59368 88619
70347 68877 98593 95615 63493 44466 21061 06646 92466 60293
64272 89458 72253 47509 40104 59081 31189 88787 41885 56941
25313 83825 40631 75785 81716 59857 06377 10092 69342 19377
15537 36650 20653 42260 30256 55013 52626 84460 60648 42494
60495 40481 45902 03404 82685 61799 15159 17215 60379 48439
14118 15336 40144 45093 00000

07197 21407 86268 02216 78052 52332 97086 02022 29400 89302
76365 36866 27410 56020 81851 66642 02391 33189 37935 92678
32831 47522 24443 20427 52607 76470 44035 15218 23502 79612
22910 24521 40258 92648 24492 65142 60330 44915 80800 98811
75534 86386 71176 44570 67780 35082 03062 01428 16070 80812
74522 79699 46956 06226 23185 64479 45649 11068 91303 59673
69942 50599 61607 86046 34174 24120 43656 31698 55385 74521
15358 78427 78872 84813 49354 52409 25330 82560 78957 46079
00000 +++++ +++++

9128/7546/5113 kHz, 18-09, 1015/1025/1035 UTC

00000 +++++ +++++

9128/7546/5113 kHz, 21-09, 1015/1025/1035 UTC

64529 43446 14790 68602 14667 12643 79001 09239 57814 38668
12792 57739 04221 20974 29508 36290 17038 11432 44047 72082
70763 50287 71380 83703 51972 13542 82216 53181 88256 01449
64221 25855 16344 22807 62248 05264 25297 54748 96007 35249
35760 82692 78615 86445 01172 50175 84458 89353 41890 73227
39813 81189 48163 98941 34654 58681 12890 13104 79097 54020
80099 26253 52901 76132 20090 93174 21479 84482 67167 45335
16850 87573 80918 41000 06965 83511 69586 27061 01861 83680
18082 16800 70050 90097 61776 14699 63624 13020 24999 40591
75461 51593 52197 35236 77025 76383 37475 50581 10147 82074
56866 54852 31263 02382 11635 92825 31521 04355 68556 30968
81213 04270 08102 42118 71955 72282 16474 09415 55054 18042
82426 54143 99519 74453 84809 17204 18124 21763 81767 48873
34978 19172 37546 86557 93042 36154 47821 25219 25025 00663
49512 10172 36081 06431 26000 06924 71783 46528 43689 27752
69774 65387 80863 19717 18545 46464 34760 43776 71790 77735
17799 99708 91759 62217 78920 76522 20049 65685 10948 33039
99280 18797 29930 38344 94086 15786 37388 26780 84856 76936
01417 47190 32673 67007 17564 11078 38873 86804 35435 69381
47681 80081 61963 72555 65343 22965 77266 93631 94202 88083

24050 88961 05155 00590 56475 36320 96916 28270 59442 75064
15555 72916 74216 78020 32703 55163 91342 09807 05901 09962
96784 31266 69513 34891 82217 94698 29643 58484 55424 39582
61488 20767 11726 93469 32576 83188 52381 07752 00322 10131
60900 82964 57325 89193 73207 63343 22880 82432 02580 05295
04090 25741 05319 49485 75068 18568 98079 51232 47635 71153
62794 48883 31951 01468 00134 74863 10538 99050 17437 39100
74112 97928 62063 39484 92673 25804 36074 79077 20281 21702
53214 94746 56962 39255 24111 26907 16190 77829 80632 85064
71357 08668 75342 88855 79700 88231 16996 89253 07093 75947
28000 99640 02166 98535 34792 91434 93170 28098 27060 33948
06047 66172 46750 83180 27104 50931 92798 49213 58783 29704
52519 96915 41912 64031 95594 59635 42908 59413 91597 70562
29359 36963 36987 41460 82415 89137 02514 43443 19448 86735
36975 69497 25379 29358 88254 83424 16163 56510 27580 84896
82816 61533 87946 45317 89460 75562 52640 94167 23808 13684
54786 60527 23514 00494 73877 99459 26864 17232 40215 57950
21201 37692 83189 60078 87544 45084 84354 16122 64849 47043
21215 85264 82320 30970 12685 46616 33231 26891 02132 58213
88695 70024 38971 08696 74800 80246 44714 91350 61572 00628
74446 47401 00000 +++++ +++++

9128/7546/5113 kHz, 22-09, 1015/1025/1035 UTC

99872 72270 87342 38001 42220 15144 49869 53834 49401 51188
31072 66217 50492 89136 66387 86199 45047 23321 85265 24964
83686 55346 13284 73167 08539 15080 70848 63193 08247 54395
35666 50243 67199 12110 61166 73224 13696 73545 68077 81352
96723 73160 51325 37420 46032 13685 69457 33655 95201 00197
08775 81120 72378 12575 39352 58588 88387 64772 05147 31817
76879 24340 15375 79182 66229 90643 29340 84588 87851 55209
51916 83607 50637 92636 81854 48075 00000

30047 28404 16526 87585 63907 19501 36765 91354 89662 53030
79250 33340 24231 33381 39922 38235 91066 52696 28894 78560
37510 46390 91761 99947 54975 62816 01712 00431 69152 83035
02117 62177 92417 51624 04306 59100 55642 04449 70204 88785
61574 04353 34517 02174 27001 20694 46153 29432 05859 13662
33576 25456 10496 09323 23771 83440 73258 76320 69503 89945
15605 40178 64575 19916 16918 96133 51755 95070 00221 06448
53063 54112 76971 93122 77122 08190 18122 61970 83232 80050
43639 18958 06881 50327 47673 64790 76360 59383 01551 78634
75188 38168 01794 26961 30021 49095 00000 +++++ +++++ +++++

9128/7546/5113 kHz, 23-09, 1015/1025/1035 UTC

78834 34217 60701 87703 54127 60913 81193 04394 04738 29740
04099 12307 08783 60164 46170 67248 80523 74631 5 375 12740
55998 20509 64356 16073 92047 58916 53365 76722 27140 62652
58605 61818 77467 90374 36925 48350 66717 29251 42793 76796
12985 23250 38495 45872 21246 29255 43497 03074 54834 68215
58898 10712 84366 63488 27926 92123 37531 83583 18399 87741
98213 31487 38100 75722 28358 47761 19004 36806 11031 19587
31279 68101 38110 12969 13021 75493 91038 70256 26642 99338
88087 40196 77859 53162 96551 32684 58219 80015 33335 15415
97090 56212 02345 82914 34072 97107 42138 47039 47745 44611
82271 95434 01717 41139 31762 44637 93873 19664 48131 20509
19812 64577 60444 78890 86348 23037 44788 76764 36084 71484
75637 22808 68920 67035 01532 49530 58002 78412 18504 74182
90520 96120 39703 40619 10735 66551 84650 59306 23816 79690
36555 87665 98775 65135 41132 17930 90018 36096 45372 64712
43929 66079 99680 69470 89931 87920 71838 64045 26958 69886
46210 60478 41262 48498 06654 59279 16524 22794 26550 93342
22172 39692 14401 49694 90865 25168 88438 36256 21082 40912
78662 85822 65726 71160 79769 14424 92727 69395 03389 76281

28536 19596 03080 82524 20466 91722 70514 75864 78838 96131
26294 78421 84826 66598 53827 54872 74975 26648 49715 58125
38316 18868 89081 49700 87011 01901 29269 12002 86477 44795
00370 94674 55916 73416 55993 62233 75190 48585 82737 35140
58993 80646 91781 41534 84228 10155 41050 21792 81561 09357
61376 53105 27061 84161 85111 86266 94880 81286 00610 11849
56910 30272 81030 97972 40337 75=37 60895 66829 79056 74686
58837 02180 19868 78228 69973 04982 69390 02917 76351 39357
92642 70890 48897 36076 99217 83801 39300 45752 77994 40116
85282 58925 66318 24786 77683 35234 64599 25960 62794 08849
32246 58445 78391 62373 25902 98583 46891 86380 65884 60252
74074 66783 41800 66655 26817 67231 93251 97609 88255 98702
26575 17001 13843 93501 53558 10114 36703 25832 63064 85498
95759 46140 61505 21087 85041 21420 43099 59228 47621 98655
75847 80343 62625 33600 14180 09873 98735 52075 74188 38220
32650 35975 32406 58363 55905 51161 34045 50842 18526 59452
21659 70778 82923 81866 20143 16653 86488 05334 39026 85492
36312 50048 77978 44184 84470 39648 46486 71575 57318 41427
33619 51079 37217 68737 88835 18440 20151 62800 99759 94370
97651 96091 77869 56739 36480 64501 88028 31996 54498 60440
82810 10519 16173 44110 27538 15579 96142 55082 26989 80608
84289 31416 89693 50403 00000 +++++ +++++ +++++

9128/7546/5113 kHz, 24-09, 1015/1025/1035 UTC

45140 44313 65491 15450 98100 63265 11749 08025 86461 27716
23319 92824 47043 22822 06233 76239 68026 45617 01298 15513
76617 12087 63223 33090 04544 53402 85537 59967 98571 37253
50999 06495 68226 75213 12179 84041 87914 02081 31912 25991
95620 38128 38293 81482 55380 70199 73913 80348 75700 12591
44026 92676 01137 33661 93321 31441 19194 59090 61002 71637
49749 87747 28850 84359 09179 81089 61968 09252 66387 12026
46881 13782 32910 84206 06694 12768 54290 57647 77984 46590
94910 51081 00000

69304 51108 80144 71126 08677 02820 96422 58611 63976 05695
27760 25387 74753 76414 27159 59482 71276 91883 81949 86594
02211 71378 43280 11262 09270 93559 29916 29629 59778 03032
79795 80981 73081 86142 47782 30229 01738 20711 73036 98545
53443 29362 64462 84330 64603 91167 77652 41694 61509 91275
81777 08651 70050 13213 39852 02207 59898 03550 50821 22527
34098 63619 26894 33373 00011 47974 04577 11000 82537 74266
12830 52071 00000 +++++ +++++

9128/7546/5113 kHz, 25-09, 1015/1025/1035 UTC

00000 +++++ +++++

9128/7546/5113 kHz, 28-09, 1015/1025/1035 UTC

89431 93235 26484 47570 70808 18919 58563 74627 81079 53705
92131 53040 88026 72908 60758 10699 06262 00434 13248 12983
44506 63951 83235 79511 33054 50942 63181 22856 61094 14065
24946 20158 78583 99271 54132 53612 42361 95124 09388 88816
11182 26726 90857 20255 19373 42733 58947 64937 83781 68861
05636 56639 23715 26339 35473 85172 98561 38733 74479 96530
92764 75599 82125 21550 02853 06382 14590 60906 06213 63002
31456 87409 16280 34582 63075 51512 53843 42728 80742 00980
89160 70827 36906 50664 34549 45774 67576 63306 92158 95581
74130 27310 86610 31313 26700 42434 37178 26760 56330 49324
49218 94317 28091 63836 29513 80482 12337 02073 55243 29425
96297 07093 51245 88057 03189 13209 55266 51052 11028 08823
75893 69228 88344 83733 72844 69766 88978 71859 14312 61664
73141 25299 91040 24899 46932 80685 91837 06703 37508 03762
70192 73416 46080 23109 56692 91340 45927 88987 96938 35033
71762 18194 19625 46479 38642 10909 64491 93583 69584 50440

24816 01414 04121 21826 84158 54635 74929 10213 52021 94576
32766 64964 28121 59357 40868 40423 49973 40527 51876 49277
03451 54638 59462 89455 01029 53200 41857 30501 57388 19453
39453 70350 17068 25391 33681 98462 13864 47480 19346 26233
66641 64502 87599 70629 41273 85967 61753 01990 33369 84531
53104 91916 51499 30852 28973 22204 05590 54321 10135 40742
30185 78124 39830 75329 97257 02042 91546 41330 98258 31448
07759 04124 00092 75939 86811 82268 04706 66026 60138 02330
66976 61329 26991 74130 85059 34871 38884 17599 26606 53832
50935 16423 44344 14408 82277 60675 29385 88871 52752 63112
88257 98616 88054 20828 24577 27413 10517 37955 96285 26379
57741 87523 68702 97959 96229 48416 43055 57349 22240 78362
65188 94788 67027 08900 44141 87179 48667 73253 35265 32451
37650 03054 67590 05127 28434 54847 20113 56507 34143 52326
76695 07929 46589 55216 14268 10523 28825 90767 04019 69914
32398 08779 30261 59307 56496 46089 56662 69375 91183 11487
94523 68413 11899 26963 52796 71180 17412 86248 74530 39870
28429 16579 89428 65645 89023 54613 37205 04823 88096 72452
41430 63648 43027 14697 38559 68567 12737 32472 91808 47996
32326 25365 44599 21453 86474 27210 93228 81043 63812 96659
83471 93212 59426 98476 60791 68560 17700 86483 28858 73164
82672 24121 96050 79846 48109 03525 14631 82810 24459 49089
42292 24102 64902 16437 80745 05326 17663 22729 71054 83042
96774 69272 50390 71306 88501 42341 99901 99764 35583 03161
38387 00759 66497 02989 41450 23869 61938 84234 90837 01340
75681 53547 83637 12820 52036 37816 56024 22853 07063 59014
01249 89567 65748 88839 86553 67988 72331 69059 98690 56416
15952 08536 72760 59351 38826 14928 31840 13513 19122 67923
07353 62523 45740 53443 00000 +++++ +++++

9128/7546/5113 kHz, 29-09, 1015/1025/1035 UTC

34798 37313 66873 99296 68392 28608 00854 30356 06367 89576
49761 38081 75290 57464 64417 81881 19063 61009 09779 67868
49851 44143 95905 73358 64378 16128 72407 37886 92711 64296
35889 19154 71775 90327 55062 37360 60742 55986 43228 56349
40522 49286 32806 75005 64506 06988 31600 27352 52779 54389
65497 14767 46970 48341 37271 18768 67934 34413 56191 67810
43463 54163 18120 56513 98188 63448 40784 40771 22893 47695
83911 57183 65393 45089 08915 40237 10201 13611 57818 35674
39134 02854 56110 33499 90077 16571 69199 69043 56071 76870
67187 65538 91921 54093 00000

75223 81477 13997 66166 16503 48752 03492 22901 64742 04107
07595 62781 74544 72969 90529 67349 30731 40072 54061 10930
07446 63705 02504 54427 80866 58033 48063 40778 50219 16919
23695 28000 46782 77682 95673 20780 35563 48250 93052 86529
39342 46108 96209 66855 39762 22518 51657 20377 35162 70417
05317 57823 59833 39457 71430 55361 94385 06599 79308 57077
21926 75715 65095 02560 09707 04641 00746 40517 20970 83089
77388 14366 86639 09901 85279 30729 91574 43025 57520 46789
55050 20719 69733 37414 10176 55085 00000 +++++ +++++

9128/7546/5113 kHz, 30-09, 1015/1025/1035 UTC

81422 71535 13417 77962 94174 56651 71055 52920 35115 53735
26488 20678 29513 16940 64517 50434 24306 60718 31209 16543
86362 69875 77909 87329 90291 57376 44024 07750 75495 68340
70860 36833 77137 53673 63004 25853 60741 61756 41545 48154
15070 21643 52801 16576 83010 16201 28270 49415 35126 68625
10861 70858 15570 90775 90311 56828 15056 66761 14884 62170
50562 70223 71499 90130 56465 38738 51538 90057 16784 53794
44454 94258 93220 99773 26419 29955 28704 00365 36171 67279
31091 55867 55258 89235 66742 29804 34860 94573 18650 58287
36386 69515 88790 80587 78026 89259 49423 14313 04446 35211

72984 23672 21812 38876 95289 54228 65347 88343 91727 32605
91577 58314 71123 54563 12485 49591 16969 09897 13739 48991
30701 17587 24195 45594 56721 69636 28854 64285 93840 07048
42466 02514 22836 76356 85960 81214 04808 40170 32904 45831
30028 40154 18158 78364 21960 35890 25937 06405 26148 68055
99444 20068 38647 19353 39282 32777 53705 71634 82807 46837
35358 82652 81652 09725 42645 30879 19553 72042 63120 01826
37719 83067 34364 14308 59894 84840 58148 10091 34323 90719
36992 55340 34790 59354 87741 27344 87935 99996 11911 84909
19026 70105 27433 45900 33368 51170 91529 20333 75555 13692
69386 72482 33735 07269 28307 10427 81081 36714 62050 26469
71663 10141 75025 36877 32895 69964 81046 94380 21754 42749
96314 71852 36959 68844 31330 40626 04292 97733 11422 91873
77247 60055 80575 74493 20209 52212 68243 47931 66326 94521
23838 73391 67292 48835 48587 91851 77196 06572 79440 62343
37649 83092 04707 58914 56371 79368 16129 49727 96412 96865
27066 06720 18220 16591 11471 19270 41707 78235 43368 10306
20549 20358 41497 78287 45856 67533 48826 13515 21440 75414
01610 62178 77845 69607 67690 36612 17337 39558 58723 95165
07033 72577 46016 40152 62376 40317 34666 07290 88110 72241
75690 45096 68979 77884 20828 07649 27312 03527 49705 09177
89687 34284 24058 38392 29879 77595 48682 59522 80244 88851
43817 37964 28768 25442 58642 81513 43933 39815 80570 28091
94611 47695 20033 63910 57164 32322 75438 67030 26932 70671
07999 00215 76311 92572 81098 26556 26599 08685 43909 46285
25795 68255 63927 78207 49544 32596 38125 34210 67419 75230
37403 60274 41716 44622 64029 42422 50959 50457 26755 01047
55299 59384 63294 22063 45996 11175 64857 98300 46168 91221
82411 79603 55001 20333 19383 55043 52601 47738 40458 15711
07676 58267 51197 71504 55242 29612 28126 20364 36534 00635
04011 93379 18310 36646 37992 24222 33739 02590 25274 16322
12059 80077 26044 06242 89189 89213 18327 46682 16492 01130
42196 25799 18506 52196 25799 18506 06320 95816 65584 01532
20370 52766 44256 66769 17172 45998 37305 56437 00000 +++++
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F02 – Russian domestic net

14983 kHz, 15-09, 0800 UTC, MFSK-4 150Bd/4000Hz
13883 kHz, 15-09, 0810 UTC, MFSK-4 150Bd/4000Hz
12143 kHz, 15-09, 0820 UTC, MFSK-4 150Bd/4000Hz
14983 kHz, 22-09, 0800 UTC, MFSK-4 150Bd/4000Hz
14983 kHz, 29-09, 0800 UTC, MFSK-4 150Bd/4000Hz
13883 kHz, 29-09, 0810 UTC, MFSK-4 150Bd/4000Hz
12143 kHz, 29-09, 0820 UTC, MFSK-4 150Bd/4000Hz

F06

Link 00000

9362/7984/6802 kHz, 01-09, 0800/810/0820 UTC

11100 00000 63571 28059 01119
47377 43421 83458 31477 79505 28207 83857 94638 95192 76237
23067 41340 58816 29206 83551 28895 56916 94687 52573 15564
65544 51650 93501 35846 20451 70126 87920 29767 57286 80981
28227 24612 14014 56723 65397 92536 12714 89270 41632 32493
62972 75649 62532 49915 54036 47519 88531 32586 27928 05502
50243 46145 50707 44216 17424 97652 24056 78986 76238 40662
04392 10140 94512 20235 21686 85845 79661 81332 15173 49418
58981 89024 28144 82040 36992 33952 29013 76826 09517 21480
50834 05176 39191 67982 66466 61346 22082 52690 41575 96186

00107 98546 32640 75969 98941 80497 22188 27261 96110 84669
08403 53753 48931 66858 91330 36023 37010 83772 22847 59109
00000

9362/7984/6802 kHz, 07-09/08-09, 0800/810/0820 UTC

11100 00000 37852 04060 02259
79289 25637 82862 95354 09403 61341 73280 38091 32077 98475
71815 65305 91912 71839 86426 61586 10851 61133 40589 44200
49615 16930 96904 49854 85273 67208 83530 35618 59589 77897
90633 29941 77873 65858 29053 94707 63004 87742 68355 84266
94313 53173 96468 12365 86022 35672 68096 62935 84916 79788
34075 05665 91945 27843 68885 02287 37437 14755 38491 14538
64613 04354 75704 49703 01088 65653 55244 04706 23052 12487
85706 94661 41809 54966 60604 76853 67374 36199 35677 06040
28797 52689 24670 82064 55925 81868 30739 75671 52271 65200
55706 43498 13683 20281 54319 68149 72503 80382 25730 84320
71905 84876 59357 76881 00089 68979 77343 61882 39030 26240
40766 86396 07469 42225 11823 08153 02822 22841 89144 40894
71705 65703 58454 76391 63769 48030 25736 19056 48505 29465
25117 94086 99739 93279 18640 15094 77489 74400 30122 22129
61868 47675 80276 26062 18724 74850 15298 20246 01714 33657
46091 45403 20485 77479 40326 18675 29656 99014 34520 62761
18289 96385 58324 96100 04539 65125 88200 70028 65161 64477
72687 63830 54576 31452 96430 73657 93164 41079 75171 56222
29495 36280 98880 13211 06165 75810 65225 27368 83936 73710
70553 86167 03865 28692 50585 54024 92102 66905 87997 78977
37067 46523 29101 44786 93656 97576 76766 04367 94205 95489
51830 55522 70869 91730 40128 44890 19115 50039 67369 11053
57019 61656 69028 60223 00000

9362/7984/6802 kHz, 14-09/15-09, 0800/810/0820 UTC

11100 00000 73652 11061 01959
12669 69696 59891 43778 90983 06923 16363 88272 76397 09926
17212 52464 50884 19031 91291 91716 21798 98707 74501 28282
89144 67715 29267 92433 69993 14895 92243 04713 28451 42786
61164 53973 84640 06272 56809 50915 01119 38427 20989 61794
70176 80757 36511 51996 50453 60032 80056 94157 26306 78870
43901 20533 88369 12298 87423 24277 58746 27440 04335 39350
09260 68551 16568 53716 46218 74564 30768 35539 60110 21341
18316 77040 63690 05826 04819 85736 66868 14271 80023 77711
61868 41746 64065 52641 17061 55087 91007 55235 02940 16504
95604 52794 98656 10013 14222 83565 52564 37891 35856 55596
95192 79336 64190 00748 28117 28524 76617 13586 37130 54244
91182 29817 03180 48307 77365 23961 09483 54909 71649 30952
68284 98139 83816 21352 15674 49825 04898 84865 47904 04883
52726 01845 97660 56394 16021 07462 73697 87563 82947 78256
12300 22762 65082 95726 13997 04840 52733 66657 63962 90901
62538 04880 59553 83712 63291 04142 93402 40953 90924 56775
65528 29482 88591 97857 22875 16809 32782 79545 49738 16964
31415 05274 57502 32946 04836 78503 47140 62944 85665 45707
42891 62515 98429 38287 20581 79898 04918 43095 78999 06677
26199 56264 27787 61193 00000

9362/7984/6802 kHz, 21-09/22-09, 0800/810/0820 UTC

11100 00000 25874 21062 01739
15747 02914 41205 81975 42574 05209 21102 61761 33943 78837
46123 36002 74549 47551 11366 36895 83957 77019 59414 23530
63446 77805 38952 93694 48806 38120 12301 40317 86288 72303
41569 00968 73885 95967 08106 73873 35123 63729 44941 98863
17566 30489 86900 26705 33223 22174 68086 25244 83021 26894
21405 95808 32560 42444 59837 98298 31318 41098 44133 08410
92504 37614 66617 55414 75748 71408 05797 13957 39795 38828
31460 48286 57422 36450 64947 32365 09744 01361 24287 94294

02097 59345 08881 58504 68699 16918 03430 84114 58264 58145
05782 22946 17757 32189 08400 45585 16489 42508 88121 08954
77722 73658 83916 63826 09994 16630 67311 25722 55319 78654
35181 57609 96493 88424 79594 37874 90650 32658 14394 11969
21284 84951 63200 51200 85910 12853 38535 67073 61573 74095
66739 54651 15348 37933 38384 63342 52074 92500 88852 18581
16471 24160 38792 42812 91834 79744 49109 49237 62513 47661
70209 06752 32327 18770 90157 99505 16144 12991 11456 29536
46780 82566 11121 35901 64426 27930 63745 28756 80770 87097
32245 62171 00000

9362/7984/6802 kHz, 28-09/29-09, 0800/810/0820 UTC

11100 00000 63589 25063 01019
10856 23734 50795 78010 91325 57603 80008 34635 83381 43305
39437 05406 00604 22347 79655 33417 84521 07617 66359 28360
64711 27645 20388 60433 97124 61968 13332 32091 91571 22304
92131 94812 64301 59207 31126 03069 76617 98908 34969 22698
45473 40008 40878 35849 36966 64726 93623 09706 78685 44390
91712 21160 51848 43848 28207 54637 49153 54494 74602 15242
09294 10594 81210 24439 64073 68602 92490 90426 59054 54155
00747 70415 33675 06418 86656 66979 71786 74497 20042 25688
58526 45582 19334 26181 04483 09509 93175 83905 23086 89450
12576 04666 72147 93393 87079 59207 95512 66116 43373 63099
00000

Link 10053

19351/18517/13527 kHz, 01-09, 1650/1700/1710 UTC

11166 10053 15792 01001 00049 00000 00000 00000 00000

19351/18517/13527 kHz, 08-09, 1650/1700/1710 UTC

Not monitored

19351/18517/13527 kHz, 15-09, 1650/1700/1710 UTC

11166 10053 58394 15001 00049 00000 00000 00000 00000

19351/18517/13527 kHz, 29-09, 1650/1700/1710 UTC

11166 10053 54731 29451 00049 00000 00000 00000 00000

20931/19219/14389 kHz, 06-09, 1530/1540/1550 UTC

11166 10053 25813 06001 00049 00000 00000 00000 00000

20931/19219/14389 kHz, 13-09, 1530/1540/1550 UTC

11166 10053 59741 13001 00049 00000 00000 00000 00000

20931/19219/14389 kHz, 20-09, 1530/1540/1550 UTC

11166 10053 48625 20001 00049 00000 00000 00000 00000

20931/19219/14389 kHz, 27-09, 1530/1540/1550 UTC

11166 10053 62485 27001 00049 00000 00000 00000 00000

Link 60070

11405/8080/7366 kHz, 01-09, 0030/0040/0050 UTC

11166 60070 25843 01001 00049 00000 00000 00000 00000

11405/8080/7366 kHz, 08-09, 0030/0040/0050 UTC

11166 60070 79462 08001 00049 00000 00000 00000 00000

11405/8080/7366 kHz, 15-09, 0030/0040/0050 UTC

11166 60070 25841 15001 00049 00000 00000 00000 00000

11405/8080/7366 kHz, 29-09, 0030/0040/0050 UTC

Too weak to decode

Link 70202

8183/6839/5264 kHz, 01-09, 0700/0710/0720 UTC

9188/7673/5872 kHz, 01-09, 1200/1210/1220 UTC

94763 41733 33967 64152 95419 54855 99477 44605 29277 17553
57278 41406 83418 94712 54146 75135 69221 60575 23076 94718
26107 61251 14615 27881 42584 63666 60342 92251 80505 20620
16901 09299 13493 06639 64036 88280 15454 04330 55084 72411
60141 45896 43328 64408 17672 39528 32677 73639 58973 35336
26098 52022 04060 10524 70237 10892 75110 78492 19674 36007
40254 51554 69236 42895 59030 11942 27826 39707 65434 70816
32179 89786 49501 19944 24009 91134 23373 05736 38967 14946
82755 80345 80852 70431 99744 09493 79519 88081 07923 41726
55905 38583 65682 68790 42636 29567 08711 31799 33626 47374
27573 52887 61121 36028 31330 97054 23626 30604 83123 93860
13141 87176 18681 73667 15160 76544 83658 98136 79851 33900
50776 89633 87873 81654 02675 89261 59256 67591 91425 98179
78786 85536 10650 81926 36331 70740 41162 42404 05544 87150
56094 87238 09387 48768 96424 51179 45902 42274 52857 49245
72686 43111 14986 66296 73475 42212 73680 12710 55314 25560
87632 00869 49722 33163 00000

11166 70202 14697 31034 01839
16055 03640 91013 63131 65032 31411 24259 01198 14082 67798
49691 84814 09267 03354 96225 14297 05853 57835 54808 80183
10608 10468 23498 57418 96469 92031 61639 44944 44264 12199
20300 86645 91160 20561 41163 34574 90554 24788 41072 40395
13059 14353 24398 86002 43304 63259 90433 89217 52220 10212
27989 45539 49494 39665 14389 91852 45899 12187 61042 03056
80160 17579 72792 57534 90072 49186 13214 32414 32538 22836
93060 14547 82213 88843 24043 38145 63466 10523 05127 85026
95311 07637 33538 08381 54031 88225 57659 66019 83151 17256
14014 74031 05470 95517 15517 16785 16831 47218 83178 74218
66312 39703 38462 52349 52538 83738 98465 27950 90784 87808
41124 43312 30575 64842 32624 12054 28454 14828 34205 21899
05626 31736 30552 45358 45133 08209 46945 94268 08288 36423
47382 79114 75020 28600 30830 59065 37840 05571 67820 93685
04105 26844 44556 32227 86267 60627 06730 01471 84811 17214
20237 78033 93535 94191 90965 56085 81900 06910 10866 46418
34110 02628 22464 67793 49616 81800 19030 16519 34738 74930
22574 25183 40085 48416 06866 46485 23463 37849 57649 23101
42963 34181 00000

8183/6839/5264 kHz, 02-09, 0700/0715/0730 UTC

File 44435 (binary contents)

9188/7673/5872 kHz, 02-09, 1200/1215/1230 UTC

File 44435 (binary contents)

8183/6839/5264 kHz, 03-09, 0700/0710/0720 UTC

9188/7673/5872 kHz, 03-09, 1200/1210/1220 UTC

11166 70202 53691 02036 01739
95205 09527 67514 88010 61588 01395 67152 90344 07152 64595
89663 83386 14538 11139 64114 32563 86348 06361 53776 12217
59205 32952 45035 93899 63997 85952 91086 08605 55754 15880
96353 12599 61591 62198 52562 11566 20159 44301 62422 22734
11028 02205 11832 79677 97457 04137 76566 09486 30979 63201
74368 36978 91236 30317 98388 95661 59509 55617 92913 50113
49376 35485 57317 59471 42937 87425 89163 36736 06042 19961
02420 83549 80959 89724 81693 05157 79927 62955 58451 35229
28016 23573 20141 25238 28747 95024 88162 78065 50904 68080
25631 30544 59974 51787 60852 14608 42649 89738 37463 51742
97838 08881 27173 60426 92619 93009 66033 81247 06566 98176

11166 70202 45978 02037 01959
68362 67065 68986 64303 12826 57034 20683 49912 65864 94007
98318 71381 86825 02713 40553 72073 17877 95826 94912 85403
79976 22545 04435 86787 26356 04767 32296 35533 45714 21799
29110 30105 32303 29544 72601 25209 65095 25089 34319 84128
63224 92649 53091 64758 09879 91797 19911 62755 61842 73906
03927 60268 86864 37761 74242 53665 96054 60268 97196 58701
63478 63195 13826 16569 50150 01885 27186 49261 74608 86878
54227 37693 97262 74393 21904 21011 10692 86577 12215 40530
53090 47486 85852 76742 87048 45730 39158 52824 10849 59705
74055 03090 94469 06375 85675 29817 57485 99503 97326 96898
31050 28328 97532 33737 71142 92546 58796 47843 15279 54617
42794 69546 99862 95265 21684 77292 80371 83157 70214 76927
21556 94666 08321 33431 49857 44682 98894 78529 85207 14383
30425 42620 94416 86925 39177 84456 33336 26979 50623 17019
69964 65045 44791 53015 05711 72504 75226 18451 36985 38312
96257 07702 24308 83303 78250 78522 61124 73029 15533 10447
59522 15064 56691 74987 95019 51721 11909 91107 77630 84123
17049 64366 41386 88554 59160 33208 69498 11028 93098 70810
97357 51026 03945 15934 60545 70331 94916 31223 80065 87888
05451 12374 01953 37193 00000

11166 70202 25413 04055 00049 00000 00000 00000 00000

File 44438 (binary contents). Too weak to decode the full message
Not monitored

Not monitored
Not monitored

Too weak to copy
Not monitored

Very weak/too weak to copy
Not monitored

_____3344 90026 76477 19927 25853
 50122 20266 84689 23389 41618 60266 05136 81412 73800 47092
 62910 51858 24877 74551 34784 43522 75641 17504 49387 86216
 96040 42356 22495 76361 56583 38442 87149 03632 32180 12546
 37890 48683 66979 88773 08527 47605 70074 59765 02557 15094
 08867 31835 92615 22037 71529 08049 11334 20453 63992 52379
 48822 08624 13455 80326 78397 31415 _____
 _____92 74246 64997 46220 17713 12480 53684
 91238 00957 84645 12128 61940 05183 55240 87892 26426 23272
 47966 95686 41098 45654 64450 85810 65 _____
 _____85869 80244 52779 01710 13255 60540
 53418 14621 84397 54482 26762 67302 19179 92257 80760 88107
 01029 06109 48953 03555 56806 02641 24426 84501 63230 68982
 68756 62222 98098 08314 61949 56146 57572 97485 64147 58851
 55873 59274 58858 21517 26180 47078 42612 83508 43631 304 _____
 _____0574 49674 08338
 80601 94168 18241 99297 89405 95085 24483 40040 41170 81645
 51737 01432 52265 53459 75760 59457 92158 06390 20552 52719
 46292 23278 82911 78543 18100 00000 00000 000

8183/6839/5264 kHz, 11-09, 0700/0710/0720 UTC Not monitored

8183/6839/5264 kHz, 14-09, 0700/0715/0730 UTC File 44444 (binary contents)

9188/7673/5872 kHz, 14-09, 1200/1215/1230 UTC File 44444 (binary contents)

8183/6839/5264 kHz, 15-09, 0700/0710/0720 UTC

9188/7673/5872 kHz, 15-09, 1200/1210/1220 UTC

11166 70202 15973 14045 01799
 84294 62436 73148 59193 64595 63567 06677 18999 85451 09021
 90101 51939 19301 03925 56565 54780 08309 10096 69789 37013
 30085 16323 15557 84167 65473 54399 84797 47998 78009 70213
 01822 02223 42444 50559 56527 96769 97989 97590 50826 16913
 18533 31395 44337 53458 94257 85078 87993 93785 99971 11310
 81111 21497 63843 87453 11466 55747 46798 50782 15489 79148
 59182 58313 23204 52442 13018 60228 18864 97899 33200 68172
 56131 60625 17334 23852 77447 81658 76988 27288 58890 57501
 71008 72211 29233 82505 64425 97356 91376 37696 47828 56602
 84071 16363 42244 41033 38442 03465 23517 56775 08848 69981
 29710 51119 68234 18225 85404 10757 79559 25479 69886 07010
 07026 10072 41243 53435 15958 86546 64597 78048 97359 16101
 09932 30614 84138 94385 05494 33716 95655 05696 17628 18888
 09906 55163 81281 51433 82052 52057 89074 55588 90770 97850
 58950 29502 02727 31220 23261 60545 96314 04850 06792 43697
 82976 99622 16021 44894 34423 33597 24366 43853 76677 93789
 99990 27093 52112 71921 82399 11355 27567 95439 58299 26991
 09192 86918 19981 97612 03419 42449 94377 45177 00000

11166 70202 35719 14046 01859
 02730 79336 66491 20601 98094 42299 43860 90020 51131 86273
 87351 24536 41388 45139 69786 68962 08671 20219 88123 98330
 33395 13440 06547 25183 00062 18159 34917 69973 50501 52384
 24956 30644 88756 82461 82635 16780 80909 50723 13115 82426
 09386 47695 50565 15788 05269 30197 70999 85251 79083 81322
 53234 59958 25463 95759 44876 17841 46009 39107 16890 31030
 33734 39645 85518 04459 47388 85990 09000 27986 36011 52396
 74266 34959 81145 59653 46577 43809 87870 88251 71711 21034
 51199 72424 51544 45985 22697 07870 69708 98098 39110 56312
 65201 22106 85864 14878 55657 76562 75259 28851 15006 20112
 11943 73420 04235 11745 17434 71766 63808 28511 73938 12713
 68293 22047 42464 15745 35276 95661 18897 50011 60061 50122
 00332 51233 49659 84451 83137 95739 27780 17700 58521 09318
 12737 02345 63316 65648 57458 26379 46806 32085 67029 00867
 66409 19297 11871 27312 24995 43126 06754 75265 71587 93569

58198 91361 05392 33525 22452 38834 66214 62666 37634 87779
51168 21257 09418 07610 32112 64111 96753 10335 57667 67569
99858 89788 90157 11120 28663 23346 18300 00000

8183/6839/5264 kHz, 16-09, 0700/0715/0730 UTC File 44447 (binary contents)
9188/7673/5872 kHz, 16-09, 1200/1215/1230 UTC File 44447 (binary contents)

8183/6839/5264 kHz, 17-09, 0700/0710/0720 UTC
9188/7673/5872 kHz, 17-09, 1200/1210/1220 UTC

11166 70202 40351 16048 01979
66445 82706 83994 01688 28206 84868 82592 38604 57310 77506
03941 48923 90778 74025 31541 07564 65188 42245 04177 81843
59194 60766 16483 28129 45524 22698 56353 72567 63387 41442
52578 43088 47226 38206 31199 44857 72753 15951 03967 96382
06218 49448 37388 68450 67822 46137 75760 93072 45247 57469
16659 34652 18199 45436 62289 40539 79939 33947 95176 13165
66729 99774 51587 70951 31102 82720 91157 90175 19943 19721
86140 44976 43277 32559 78728 87695 44724 23879 79873 36738
09549 61190 08051 64140 71245 53543 91398 00031 02599 50573
81682 96172 02148 18591 53501 15780 12008 73415 87197 41782
27966 74631 58886 20748 87811 10956 86054 84623 48813 31410
02169 17504 90306 01981 58712 59603 02309 92450 78115 65626
46105 23100 05994 59715 97756 25954 36140 54171 10438 00271
06710 24127 56576 66952 91040 55375 35707 51571 31523 07514
58985 50700 89995 59624 46299 61223 13064 30647 96921 77328
35806 91658 19628 84864 72298 12228 33230 07741 66384 08038
73450 86075 01147 81974 67090 90760 90499 75848 59414 04149
01352 74958 05696 21532 79769 32668 62863 53115 79589 07191
42181 31166 16900 27774 08897 52018 98845 32456 39807 07641
00181 44604 74667 86432 86023 48195 00000

11166 70202 94386 16049 01659
95638 90617 88241 96165 90690 42277 42087 11028 32532 85904
16231 81198 77808 70242 56887 25319 32594 64982 84178 77280
07725 06226 63151 60046 81666 79529 62779 99414 63076 01494
07640 01163 70264 85820 51959 40004 69741 04780 30700 33800
41029 82029 67397 01467 59930 77713 43412 28006 17444 51787
58300 85104 16516 16501 35987 80738 13797 13984 56422 36218
98623 79855 17418 14110 26384 78823 56343 45477 48466 23176
86375 29875 05980 10132 26989 06536 79430 38975 33361 20179
11542 93906 54405 29898 45409 03562 74096 34542 45172 13124
15784 13040 91392 29971 14183 03109 68331 28796 84731 66771
85301 27140 44991 16136 99296 67270 67795 97856 31073 65342
70814 59735 91874 13789 72238 47880 62997 47864 67264 07870
95361 12291 05061 88364 21303 88935 70922 70588 95751 71466
03273 72136 08994 97910 00235 98524 38204 77065 95419 40945
29934 69694 07664 43637 30747 10446 94355 89330 08184 81427
63084 76198 29245 73385 21263 84737 88586 95410 68432 58041
03604 19129 60931 49163 00000

8183/6839/5264 kHz, 18-09, 0700/0710/0720 UTC
11166 70202 18745 18001 00049 00000 00000 00000 00000

8183/6839/5264 kHz, 21-09, 0700/0715/0730 UTC File 44450 (binary contents)
9188/7673/5872 kHz, 21-09, 1200/1215/1230 UTC File 44450 (binary contents)

8183/6839/5264 kHz, 22-09, 0700/0710/0720 UTC
9188/7673/5872 kHz, 22-09, 1200/1210/1220 UTC

11166 70202 53698 21051 01199
79737 24139 99216 84116 02011 12572 66464 44522 18525 35836
27561 80411 82713 44080 23156 19617 31670 87396 01838 70678
11096 84302 81257 22225 40963 93823 27327 32690 32850 45886
24910 77547 94859 09698 38466 46251 85083 04793 86064 06076

99535 84457 75217 75032 05495 46192 73970 71059 56194 48919
15682 29662 47802 41613 60924 07212 04617 33049 64969 12057
03428 57343 24255 30674 72971 14991 00315 41010 29425 94072
44570 30226 33866 01334 72447 59026 82654 57798 60246 39747
66651 38641 63202 20410 60223 61968 78173 91922 25978 56222
99395 60599 46152 60881 40744 53213 16601 40152 22934 46750
64317 14335 49098 40058 74432 38551 17187 09577 37620 83526
42615 16341 53849 98104 89603 56435 53424 51117 00000

11166 70202 05214 21052 02079
16698 17060 46245 65502 35679 17265 10000 79071 83263 82711
18898 52092 92102 50946 07130 62818 64959 68283 43742 18862
26780 68900 21866 72078 42875 84499 00772 97615 57903 57977
67956 73056 35340 59524 13420 18598 02130 28619 33351 84206
28192 90324 05391 94677 95485 19349 02661 88545 36305 50290
38753 11778 45510 57515 60867 52197 96359 53100 33271 25553
14656 76282 78287 49203 90868 72842 66989 64320 34939 87874
76782 92576 03449 20374 58074 38238 53834 13067 77216 71604
05346 75946 27894 54737 11426 66926 28171 95405 73207 78068
45357 40200 48805 00807 15905 42735 38104 68622 52501 67891
47717 00589 55564 18034 65807 94235 71321 92133 01463 41172
63645 13741 68309 63893 91864 88742 17046 97220 11703 78841
46598 62808 41561 01702 48570 10151 61312 93677 64681 22537
35810 96096 61887 11376 80281 50997 54855 47346 09817 17292
30498 01797 40111 43263 54236 96833 31679 56359 62700 87545
94704 56203 72528 24789 96722 21763 59984 71978 40329 68621
91046 74318 03086 17283 06685 03916 56830 58447 92993 29205
08558 26199 90877 82134 30087 15041 24980 21531 68663 01717
56529 16111 55726 57751 89802 95541 55996 63653 86892 43016
24085 60717 70459 27764 60811 01360 19159 00950 86417 83924
85432 03375 72855 82905 90354 52205 00000

8183/6839/5264 kHz, 23-09, 0700/0715/0730 UTC File 44453 (binary contents)
9188/7673/5872 kHz, 23-09, 1200/1215/1230 UTC File 44453 (binary contents)

8183/6839/5264 kHz, 24-09, 0700/0710/0720 UTC
9188/7673/5872 kHz, 24-09, 1200/1210/1220 UTC

11166 70202 96352 23054 01759
04392 47454 91987 08830 29275 64475 89235 01399 51793 15569
37912 14233 80324 65457 50757 31716 15173 82628 80054 39455
80350 41994 49653 78159 61701 59281 45687 90972 12321 61854
89419 81449 11190 25643 40653 24364 85968 32878 05149 96543
35897 30314 44481 19898 15719 92622 11775 33854 66585 20656
61756 39366 04870 29260 08564 81700 04823 04318 29738 64172
36023 33730 39856 10029 41539 42002 82220 14666 67763 83132
12058 55364 81831 71494 69657 50729 37587 55383 66886 87028
76015 62937 35525 53612 71084 75105 10857 54598 56936 05349
48942 89020 97364 90779 01031 16616 83514 24399 93533 51449
70739 83147 87002 50551 90559 31434 12550 89769 98652 04852
09146 44011 44820 03747 10235 14066 75858 51343 53103 67202
07287 96104 09441 83718 24850 63022 60529 26640 01752 83517
65498 76744 42543 58641 96083 00112 89609 35265 36330 40379
53200 99950 70670 52886 50915 20172 08822 22913 67617 87600
20935 35174 71683 43124 81436 86780 48546 88286 45000 60840
37450 12849 03083 02893 82378 93146 94464 67363 33071 40936
68232 26224 57076 54173 00000

11166 70202 48157 23055 01659
90023 54250 71593 97195 33843 56158 67757 73934 11077 79855
23000 79519 13906 08678 41174 44145 22877 68184 39223 73190
43274 51767 93939 74823 11901 98302 48998 88871 10208 01547
80668 09165 44710 55950 45663 16501 80615 68596 59547 64466
39630 91932 79155 85257 97848 56988 87449 07717 44681 11777

04254 04769 88762 94553 71305 12426 21756 96625 85065 87575
76019 94406 75714 96715 37048 55385 55776 52841 96642 47721
86817 42656 57737 08127 37637 11311 26824 47751 32411 96845
54914 00732 12206 31524 12972 45108 58315 52255 12760 50793
50845 87277 09025 34278 60992 11308 43980 24762 00457 86330
20000 71399 76411 30218 11480 46346 25481 80372 51797 23288
25166 44575 56296 36159 06135 56229 67259 47706 13845 76182
31777 82618 92904 08325 48472 04889 92642 21140 44009 44096
17289 92396 65321 00315 69234 19182 98501 82310 58790 60447
50295 58733 78887 04263 53113 26982 68157 76965 79540 29436
10830 36393 77230 71729 46878 16382 60168 22779 90868 14726
17201 01217 82921 55163 00000

8183/6839/5264 kHz, 25-09, 0700/0710/0720 UTC

11166 70202 57834 25073 00049 00000 00000 00000 00000

8183/6839/5264 kHz, 28-09, 0700/0715/0730 UTC

File 44456 (binary contents)

9188/7673/5872 kHz, 28-09, 1200/1215/1230 UTC

File 44456 (binary contents)

8183/6839/5264 kHz, 29-09, 0700/0710/0720 UTC

9188/7673/5872 kHz, 29-09, 1200/1210/1220 UTC

11166 70202 64839 28057 01779
64665 94460 99588 56484 74815 48554 16739 25553 86249 83731
20447 72179 04639 26079 04802 60046 89581 54522 44084 33878
06281 77962 72232 85502 99586 24238 21380 15314 45088 14336
86673 25095 56944 20296 09542 03116 57141 30245 96609 87455
35860 68996 16445 18490 57650 47650 41325 16473 93088 40642
26214 45150 80609 13664 42121 47353 48209 50902 06062 63494
49690 55039 74768 68920 95148 18430 94373 91036 80390 88921
23226 92171 44953 78731 70045 29086 13436 89832 14596 25086
99813 54280 03065 15676 79425 12916 35338 53673 58335 80887
86353 84744 94730 73428 28730 29281 52069 90317 48849 31565
88644 82482 73579 62152 13275 49155 49840 84423 61779 39039
44179 21225 73953 53921 54557 82550 75715 78150 51528 40191
96115 82444 91002 60300 73900 75446 65781 29799 33307 01474
88041 37577 33795 07888 19971 96407 23380 30547 94733 16522
50275 70746 94957 66792 12519 62110 80922 84435 50277 50857
85649 19202 10513 37883 19070 22962 38699 56102 48459 20657
77279 81474 47340 23516 75545 01161 30015 70510 40637 87251
13942 08964 84330 49493 77122 57175 00000

11166 70202 17948 28058 01839
59567 88128 11976 04999 06945 65299 47595 73613 11083 33811
41641 63313 66998 00743 64555 76478 12438 59112 77787 77178
26806 76224 44292 87380 30958 86407 60989 93027 36315 30346
24139 14659 16738 08168 63567 22269 01582 38503 06669 99103
13388 40674 58141 84053 98638 82227 06373 47360 25018 58980
92433 79302 43611 99771 02595 96567 39487 13119 70326 95977
19090 17942 98705 10268 07893 25567 39165 45609 56739 65186
87537 05547 80312 69956 83311 31063 76171 65933 23060 11433
97795 31030 23951 45570 80062 16173 98311 58551 40609 45859
25146 02998 05515 40295 29580 00016 32726 26301 06141 99369
31682 29176 46830 63582 02568 62708 59915 05647 43629 59513
90384 35043 99998 08894 77992 91741 52454 94410 13853 72878
69566 48339 81490 81799 71653 65216 93312 54153 79994 41655
58427 40719 49738 34610 42738 51666 09927 55295 07276 91923
59104 40932 35679 42348 89913 71513 86772 66387 41146 23778
33191 46910 00662 79577 71964 82908 07629 30828 18017 00744
27520 48229 16519 59633 98296 05938 35015 56065 71224 79394
21280 56824 94751 58470 37836 15319 14893 43145 09067 50892
90560 58181 00000

File 44459 (binary contents)
File 44459 (binary contents)

13947/17536/18945 kHz, 02-09/03-09, 0600/0615/0630 UTC	File 44511 (binary contents)
13947/17536/18945 kHz, 09-09/10-09, 0600/0615/0630 UTC	File 64412 (binary contents)
13947/17536/18945 kHz, 16-09/17-09, 0600/0615/0630 UTC	File 47413 (binary contents)
13947/17536/18945 kHz, 16-09/17-09, 0600/0615/0630 UTC	File 47413 (binary contents)
13947/17536/18945 kHz, 23-09/24-09, 0600/0615/0630 UTC	File 44814 (binary contents)
13947/17536/18945 kHz, 30-09/01-10, 0600/0615/0630 UTC	File 94415 (binary contents)

25252/23163/20594 kHz, 05-09, 1600/1615/1630 UTC	Not heard/barely audible
19159/18549/18189 kHz, 06-09, 1600/1615/1630 UTC	File 49468 (binary contents)
25252/23163/20594 kHz, 12-09, 1600/1615/1630 UTC	Not heard/barely audible
19159/18549/18189 kHz, 13-09, 1600/1615/1630 UTC	File 44169 (binary contents)
25252/23163/20594 kHz, 19-09, 1600/1615/1630 UTC	File 42470 (binary contents)
19159/18549/18189 kHz, 20-09, 1600/1615/1630 UTC	File 42470 (binary contents)
25252/23163/20594 kHz, 26-09, 1600/1615/1630 UTC	File 34471 (binary contents)
19159/18549/18189 kHz, 27-09, 1600/1615/1630 UTC	File 34471 (binary contents)

25252/23163/20594 kHz, 26-09, 1600/1615/1630 UTC File 34471 (binary contents)

13835/12204/11156 kHz, 25-09, 1900/1915/1930 UTC File 44058 (binary contents)
13386/12091/11436 kHz, 26-09, 0600/0615/0630 UTC File 44058 (binary contents)

19816/17654/15938 kHz, 28-09, 1400/1415/1430 UTC [File 94414 \(binary contents\)](#)

13985 kHz, 01-09/03-09/10-09/15-09/17-09/22-09/24-09/29-09, 2000 UTC
13471 kHz, 01-09/03-09/10-09/15-09/17-09/22-09/24-09/29-09, 2010 UTC
12216 kHz, 01-09/03-09/10-09/15-09/17-09/22-09/24-09/29-09, 2020 UTC
11589 kHz, 01-09/03-09/10-09/15-09/17-09/22-09/24-09/29-09, 2030 UTC
10867 kHz, 01-09/03-09/10-09/15-09/17-09/22-09/24-09/29-09, 2040 UTC
10258 kHz, 01-09/03-09/10-09/15-09/17-09/22-09/24-09/29-09, 2050 UTC

16156 kHz, 04-09, 1300 UTC, FSK CW + FSK 75/500
UAL: MFA Moscow wkg UAG: Russian embassy Havana.

UAL UAL UAL, followed by operator chat and a message.
Header: 01200 70 18537 03662 04009 (very weak signal)

Havana not monitored

16156 kHz, 17-09, 1300 UTC, FSK CW + FSK 75/500
UAL: MFA Moscow wkg UAG: Russian embassy Havana.

UAL UAL UAL, followed by operator chat and a message.

51

13763 32063 59451 21459 09961 35549 57613 57233 20214 76439
73782 14526 78262 71370 05759 30452 85273 79176 87732 51032
21722 29061 74871 72889 49605 00421 86215 76446 72180 90276
85549 49061 43403 29231 04959 21547 44270 31900 40745 66505
68230 92758 76396 31914 82879 63333 12290 08403 60104 71677
06825 53668 91865 70065 58667 22442 33832 21860 84795 75469
44009 63464 74034 65934 08598 02315 20766 26753 72230 36842
68499 07188 14799 09355 17997 32223 42048 27753 79638 83116
82127 17040 74703 22597 05290 86550 15277 13114 08914 23845
17449 01598 35056 51193 27506 69164 12704 05598 65797 69191
41927 28295 17962 02217 62103 74655 28211 01086 71426 80437
74344 24796 89858 45331 29197 84466 82732 19716 38193 49874
87191 05582 67708 09994 08637 07551 03911 85984 79390 94929
06789 20044 96754 60738 49034 88591 82643 88645 94476 13198
31992 63756 95761 67706 42121 88179 15949 04987 40247 87321
03724 51754 51319 17839 76918 44886 73381 13190 94006 07692
52640 27718 18289 89550 75422 65213 04428 17375 19227 02878
62046 32316 30029 46644 76055 10175 18055 78776 88411 88931
89198 83691 70986 51846 54264 62948 44238 39560 83235 75324
21368 89643 96745 62935 82657 27017 11952 49325 09668 53690
84977 20463 33983 11260 17137 24596 80203 14592 17110 51874
07855 80135 36264 79712 81913 97306 19305 94804 26637 16370
37451 27732 42376 51263 96315 61117 90069 20808 35675 97241
73091 76725 63330 96078 71164 91911 90228 19669 05998 07410
59050 43789 43356 61496 83432 22833 61246 49354 40031 18863
38897 86726 80598 30751 46230 76033 56269 84359 38509 98354
71239 69693 85848 79729 08032 35960 92278 05218 91526 80484
84038 79143 83949 92399 71808 54976 28007 37064 16544 83268
80348 92143 53615 51107 02558 71284 54938 11501 01838 96323
33775 26147 38602 03972 21902 70014 43143 97909 73826 71183
08569 82226 77743 84371 52198 37146 77916 21596 62601 22979
38172 88393 74472 23228 01198 99050 38520 62796 23322 69275
78565 62230 89478 09741 53035 13933 38027 68956 63037

Havana not monitored

16156 kHz, 24-09, 1300 UTC, FSK CW + FSK 75/500
UAL: MFA Moscow wkg UAG: Russian embassy Havana.

UAL UAL UAL, followed by operator chat and a message.

11100 70103 24685 24123 04009
79133 90776 05504 05079 74578 14774 77230 11759 94987 85763
46324 75135 37258 03241 60344 58374 19044 39638 77217 04993
02337 01956 92186 67341 04641 31396 54693 84804 58680 45666
98653 28879 06587 53641 34533 57346 39493 97083 76690 44711
18469 99101 04407 81096 37753 24027 80038 56780 16200 78409
72746 74572 27890 07819 61222 57203 07833 69121 13858 41920
93713 82942 69794 79485 89605 95990 69287 79747 62595 07932
06827 70983 08254 42496 05445 65207 45896 67523 35655 46610
29560 93608 27462 25340 85647 06057 48867 23801 13163 09820
49319 87654 07482 92117 91547 38723 93606 32413 20206 11967
79810 14443 40771 43736 67650 19987 07139 03482 79252 09062
41341 86103 87821 16229 33832 07136 62317 17701 97783 67952
62219 48940 75812 83176 43334 77429 22593 87486 60569 60307
11786 64002 78626 41557 40718 61444 26531 68426 31255 92246
56951 31783 50306 28814 96247 60076 98388 40114 96168 21598
39700 35789 23156 14741 72134 09968 46177 50925 60672 01985
09038 59887 82590 16165 98094 72025 57924 67894 41326 57481
63621 48138 99682 26643 54825 23605 36660 21769 41723 14741
77031 54404 95402 18752 90685 68294 81142 69823 62485 32465
42589 53738 34116 94175 85244 19076 28827 46412 32711 52185

18726 kHz. 24-09, 1300 UTC, FSK CW + FSK 75/500
UAG: Russian embassy Havana wkg UAL: MFA Moscow

[illegible]

36702 71051 32341 08115 66640 47709 71055 81841 51194 25769
16236 74223 05957 66087 61584 75916 69918 67204 92752 54893
56559 39560 52151 49264 61678 63399 22226 52378 32653 53800
44366 76141 28805 81280 15656 03510 27574 21392 30638 66063
56178 31774 60291 07627 53442 80071 85392 19859 91502

P07

9311 kHz, 02-09/06-09/09-09/13-09/16-09/19-09/23-09/27-09/30-09, 1400 UTC
9071 kHz, 02-09/06-09/09-09/13-09/16-09/19-09/23-09/27-09/30-09, 1410 UTC
8189 kHz, 02-09/06-09/09-09/13-09/16-09/19-09/23-09/27-09/30-09, 1420 UTC
7894 kHz, 02-09/06-09/09-09/13-09/16-09/19-09/23-09/27-09/30-09, 1430 UTC
7488 kHz, 02-09/06-09/09-09/13-09/16-09/19-09/23-09/27-09/30-09, 1440 UTC
6783 kHz, 02-09/06-09/09-09/13-09/16-09/19-09/23-09/27-09/30-09, 1450 UTC

Q26 - Chinese military

14793 kHz, 09-09, 0915 UTC, 4+4 75/3000 LSB
D8MZ DE 1CIB D8MZ DE 1CIB D8MZ DE 1CIB (R)

6351.75 kHz, 24-09, 1141 UTC, 4+4 75/3000 LSB

***HR MSG TO YR PSE CY

NR039 32 35 0924 1519 --

511 200 024 326 314 507 508 509 752 354

409 445 381 486 511 752 354 366 409 336

938 417 445 336 932 446 758 447 381 938

383 483 &

MSG AGN

NR039 32 35 0924 1519 --

511 200 024 326 314 507 508 509 752 354

409 445 381 486 511 752 354 366 409 336

938 417 445 336 932 446 758 447 381 938

383 483 &

AHR MSG GA

NR48 160 35 0924 1530 --

202 024 326 314 002 773 354 373 401 336

938 409 445 480 486 365 954 483 381 003

773 354 373 409 445 480 486 365 954 483

381 005 773 354 373 404 445 340 932 446

480 486 365 954 482 381 341 932 768 482

511 752 354 373 406 445 340 932 446 480

486 365 954 482 381 341 932 768 482 006

773 354 935 374 945 373 406 445 340 932

446 771 437 480 486 365 954 482 381 340

932 768 482 024 326 319 002 944 003 773-1

328 353 240 354 373 409 910 401 445 329

353 240 354 373 409 336 938 401 445 005

944 511 752 773 328 354 373 938 353 417

446 336 932 445 329 353 240 354 404 445

006 773 328 354 373 417 446 336 771 437

341 932 445 329 353 240 354 373 404 445 &

MSG AGN

NR48 160 35 0924 1530 --

202 024 326 314 002 773 354 373 401 336

938 409 445 480 486 365 954 483 381 003

773 354 373 409 445 480 486 365 954 483

381 005 773 354 373 404 445 340 932 446

480 486 365 954 482 381 341 932 768 482

511 752 354 373 406 445 340 932 446 480

486 365 954 482 381 341 932 768 482 006

773 354 935 374 945 373 406 445 340 932

446 771 437 480 486 365 954 482 381 340

932 768 482 024 326 319 002 944 003 773-1
 328 353 240 354 373 409 910 401 445 329
 353 240 354 373 409 336 938 401 445 005
 944 511 752 773 328 354 373 938 353 417
 446 336 932 445 329 353 240 354 404 445
 006 773 328 354 373 417 446 336 771 437
 341 932 445 329 353 240 354 373 404 445 &
 AHR MSG GA
 NR097 23 35 0924 1710 --
 205 024 326 314 001 002 003 773 353 240
 354 372 407 445 001 773 403 446 332 418
 445 483 381 &
 MSG AGN
 NR097 23 35 0924 1710 --
 205 024 326 314 001 002 003 773 353 240
 354 372 407 445 001 773 403 446 332 418
 445 483 381 &
 AHR CW WK &&7
 ***HR MSG TO YR PSE CY
 NR039 32 35 0924 1519 --
 511 200 024 326 314 507 508 509 752 354
 409 445 381 486 511 752 354 366 409 336
 938 417 445 336 932 446 758 447 381 938
 383 483 &
 MSG AGN
 NR039 32 35 0924 1519 --
 511 200 024 326 314 507 508 509 752 354
 409 445 381 486 511 752 354 366 409 336
 938 417 445 336 932 446 758 447 381 938
 383 483 &
 AHR MSG GA
 NR48 160 35 0924 1530 --
 202 024 326 314 002 773 354 373 401 336
 938 409 445 480 486 365 954 483 381 003
 773 354 373 409 445 480 486 365 954 483
 381 005 773 354 373 404 445 340 932 446
 480 486 365 954 482 381 341 932 768 482
 511 752 354 373 406 445 340 932 446 480
 486 365 954 482 381 341 932 768 482 006
 773 354 935 374 945 373 406 445 340 932
 446 771 437 480 486 365 954 482 381 340
 932 768 482 024 326 319 002 944 003 773-1
 328 353 240 354 373 409 910 401 445 329
 353 240 354 373 409 336 938 401 445 005
 944 511 752 773 328 354 373 938 353 417
 446 336 932 445 329 353 240 354 404 445
 006 773 328 354 373 417 446 336 771 437
 341 932 445 329 353 240 354 373 404 445 &
 MSG AGN
 NR48 160 35 0924 1530 --
 202 024 326 314 002 773 354 373 401 336
 938 409 445 480 486 365 954 483 381 003
 773 354 373 409 445 480 486 365 954 483
 381 005 773 354 373 404 445 340 932 446
 480 486 365 954 482 381 341 932 768 482
 511 752 354 373 406 445 340 932 446 480
 486 365 954 482 381 341 932 768 482 006
 773 354 935 374 945 373 406 445 340 932
 446 771 437 480 486 365 954 482 381 340
 932 768 482 024 326 319 002 944 003 773-1
 328 353 240 354 373 409 910 401 445 329
 353 240 354 373 409 336 938 401 445 005
 944 511 752 773 328 354 373 938 353 417

446 336 932 445 329 353 240 354 404 445
006 773 328 354 373 417 446 336 771 437
341 932 445 329 353 240 354 373 404 445 &
AHR MSG GA
NR097 23 35 0924 1710 --
205 024 326 314 001 002 003 773 353 240
354 372 407 445 001 773 403 446 332 418
445 483 381 &
MSG AGN
NR097 23 35 0924 1710 --
205 024 326 314 001 002 003 773 353 240
354 372 407 445 001 773 403 446 332 418
445 483 381 &
AHR CW WK &&?6***HR MSG TO YR PSE CY
NR039 32 35 0924 1519 --
511 200 024 326 314 507 508 509 752 354
409 445 381 486 511 752 354 366 409 336
938 417 445 336 932 446 758 447 381 938
383 483 &
MSG AGN
NR039 32 35 0924 1519 --
511 200 024 326 314 507 508 509 752 354
409 445 381 486 511 752 354 366 409 336
938 417 445 336 932 446 758 447 381 938
383 483 &
AHR MSG GA
NR48 160 35 0924 1530 --
202 024 326 314 002 773 354 373 401 336
938 409 445 480 486 365 954 483 381 003
773 354 373 409 445 480 486 365 954 483
381 005 773 354 373 404 445 340 932 446
480 486 365 954 482 381 341 932 768 482
511 752 354 373 406 445 340 932 446 480
486 365 954 482 381 341 932 768 482 006
773 354 935 374 945 373 406 445 340 932
446 771 437 480 486 365 954 482 381 340
932 768 482 024 326 319 002 944 003 773-1
328 353 240 354 373 409 910 401 445 329
353 240 354 373 409 336 938 401 445 005
944 511 752 773 328 354 373 938 353 417
446 336 932 445 329 353 240 354 404 445
006 773 328 354 373 417 446 336 771 437
341 932 445 329 353 240 354 373 404 445 &
MSG AGN
NR48 160 35 0924 1530 --
202 024 326 314 002 773 354 373 401 336
938 409 445 480 486 365 954 483 381 003
773 354 373 409 445 480 486 365 954 483
381 005 773 354 373 404 445 340 932 446
480 486 365 954 482 381 341 932 768 482
511 752 354 373 406 445 340 932 446 480
486 365 954 482 381 341 932 768 482 006
773 354 935 374 945 373 406 445 340 932
446 771 437 480 486 365 954 482 381 340
932 768 482 024 326 319 002 944 003 773-1
328 353 240 354 373 409 910 401 445 329
353 240 354 373 409 336 938 401 445 005
944 511 752 773 328 354 373 938 353 417
446 336 932 445 329 353 240 354 404 445
006 773 328 354 373 417 446 336 771 437
341 932 445 329 353 240 354 373 404 445 &
AHR MSG GA
NR097 23 35 0924 1710 --

205 024 326 314 001 002 003 773 353 240
354 372 407 445 001 773 403 446 332 418
445 483 381 &
MSG AGN
NR097 23 35 0924 1710 --
205 024 326 314 001 002 003 773 353 240
354 372 407 445 001 773 403 446 332 418
445 483 381 &
AHR CW WK &	

XPA1

12137/11137/10237 kHz, 02-09/04-09/09-09/11-09, 1210/1230/1250 UTC

112 112 112 1 112 112 112 1 112 112 112 1
04406 00407 30340 51477 69553 46535 35796 50630 18066 44508
31671 52281 33280 52938 98713 89003 46250 69792 12638 56146
32322 47868 11329 50073 42424 15779 35650 51276 19918 70079
59455 12337 05644 29667 06398 37002 70046 10754 56779 57450
17693 51130 63622 22344 95306 79220 85923 50914 22658 61370
18054 36966 34155 98339 24948 73345 59041 78154 52650 59660
59650 45503 55389 88822 61994 28826 64442 59377 13391 34344
88577 01251 50315 87021 81317 16795 32130 95776 37033 13562
69288 92322 56568 99465 08938 08665 14638 12432 65603 81442
27335 78574 38965 43586 60275 81125 46552 17528 87566 89088
18525 95575 19999 40567 28623 30697 64084 09862 69049 35971
49555 47652 70217 94691 50798 64740 29823 39576 33717 70971
15686 38120 72412 53914 38896 88346 14764 37390 16861 15790
60323 86791 54182 65782 03665 78681 72784 88195 16400 70706
93537 47217 72489 57195 86271 95250 17260 13672 40838 52157
30300 37571 00547 30244 55377 27056 74674 79804 33525 43020
08283 03584 03322 87651 40355 07336 36932 52251 17673 19193
78650 03057 48051 95186 34717 34694 75227 23811 12246 75032
61449 58965 30819 82576 19668 38628 26170 00762 76830 36298
96439 14689 70316 52802 84730 64358 98552 70000 89649 51771
21990 22092 42703 34958 20644 02115 07814 22052 58841 75227
65883 23900 36319 63608 12569 14858 60331 99939 44976 93998
23020 77907 76570 12558 83763 26723 34125 54710 03582 55497
78092 76522 54612 04367 73657 71136 33872 45376 91355 87860
02316 48729 00570 98414 13611 91660 63309 36097 70378 71684
70047 75301 94091 30884 56309 50319 95269 38314 30894 11061
72347 47965 11701 77357 76486 99496 32065 43383 78686 78196
38250 56057 08311 86793 33396 49241 56145 65887 71705 92229
88870 89761 82112 38540 84725 63392 65392 46132 38704 29000
54563 02155 83618 32331 74106 07719 48194 68457 06922 45946
78952 33702 87345 22919 46641 52131 21950 81743 90236 49201
09934 73652 85427 75556 22576 03656 66094 06443 32048 84252
26745 65283 18811 07599 05599 97376 48761 56507 32745 90330
71104 57609 96056 50836 78945 30632 39614 56184 44291 39469
87087 81704 73550 16349 30347 74075 96089 49099 01246 92044
50266 05919 65078 99694 33473 09642 33329 83874 92296 42713
79205 41510 88947 23935 85067 99410 31550 37742 30532 26336
42106 16703 73168 08828 50350 15837 06873 15739 12456 96317
57472 82874 26779 55734 56172 72245 71566 39751 28494 78684
09975 99213 87742 15669 75292 01141 19265 57322 76763 17150
35580 32662 38454 99151 65400 71258 35391 51991 79596 17160

12137/11137/10237 kHz, 16-09, 1210/1230/1250 UTC

112 112 112 000
07476 00001 00000 10140

12137/11137/10237 kHz, 19-09, 1210/1230/1250 UTC

112 112 112 000
09619 00001 00000 10140

12137/11137/10237 kHz, 23-09, 1210/1230/1250 UTC

112 112 112 000
04147 00001 00000 10140

12137/11137/10237 kHz, 25-09, 1210/1230/1250 UTC

112 112 112 000
07364 00001 00000 10140

12137/11137/10237 kHz, 30-09, 1210/1230/1250 UTC

112 112 112 1 112 112 112 1 112 112 112 1
08587 00136 81810 43964 32072 10039 97928 85470 44777 56241
82161 67773 44999 98567 55850 62232 87246 93084 84565 82288
41535 83233 70128 16089 92510 83139 84624 58155 19250 19890
24685 32966 85909 07188 12810 35036 47728 78214 38754 67387
69752 45178 40811 25406 84440 80428 16410 16079 87473 70196
83592 95581 74424 86657 92616 49292 46904 70813 00954 58880
09542 59055 05415 27067 61292 38672 24870 26001 76731 05659
81898 51110 37765 60562 44538 72251 48445 75046 28616 08258
01160 59265 58784 70339 28925 99372 53790 30862 17310 83045
11719 50686 40204 80728 97770 22742 11066 87504 13060 51878
05770 52755 65106 29082 90786 32359 90833 16613 94141 43583
07740 66937 76688 44187 71317 00838 61176 14820 14003 54297
27782 85378 56758 83031 24491 57213 07270 52808 93186 62765
31777 53853 46147 18121 54531 15091 70238 96577 16325

XPA2

13431/12131/11431 kHz, 1100/1120/1140 UTC

13431/12131/11431 kHz, 01-09/04-09, 1100/1120/1140 UTC

09310 00092 77995 60674 51830 09824 10973 89554 99189 51770
32106 49318 64723 39986 64603 41795 69598 73943 79499 05937
27885 63388 15973 52818 67478 77443 61715 95993 38580 79644
97674 59078 07785 14821 47892 68469 97361 52042 10575 14810
63603 35365 99339 50894 74944 90643 46209 52256 24264 95683
68968 38695 72060 38614 47546 92155 33063 34880 95086 84854
38213 52154 99999 34591 84830 99512 42130 03916 01963 82892
13833 72236 57669 75157 08743 73837 15220 45158 67537 50063
10296 33319 07631 56319 33019 49538 27477 16065 58958 67706
38681 41687 63503 47394 04322

13431/12131/11431 kHz, 08-09, 1100/1120/1140 UTC

04336 00001 00000 00140

13431/12131/11431 kHz, 11-09, 1100/1120/1140 UTC

09290 00001 00000 10140

13431/12131/11431 kHz, 15-09, 1100/1120/1140 UTC

09444 00001 00000 10140

13431/12131/11431 kHz, 18-09, 1100/1120/1140 UTC

03917 00001 00000 10140

13431/12131/11431 kHz, 22-09/25-09, 1100/1120/1140 UTC

02868 00114 24639 38950 47193 29569 42386 34659 82014 26409
45442 38631 04385 69360 32625 97939 08933 35353 64169 88779
29561 89831 69573 34009 89813 83751 02768 88118 97624 62038
29831 56830 95264 11118 45012 12247 93772 90191 60646 56453

48287 38791 70211 94063 36089 09681 00092 70001 05800 53117
04203 73497 66724 86640 69559 78648 38137 78452 30209 24842
81771 05641 56149 38465 97957 64701 14188 32907 14654 94794
93012 49936 03651 20026 90537 08820 56033 60192 30450 65028
96275 84891 05326 51660 10384 25228 25831 27176 84037 28133
48046 17808 91758 84932 08140 04721 07898 60491 68153 90250
25566 07139 26974 05819 18515 71899 18269 47594 35020 90815
96819 92590 02034 18976 51209 77931 03675

13431/12131/11431 kHz, 29-09, 1100/1120/1140 UTC

06064 00056 41803 50167 06380 94256 14726 63304 46527 18441
38989 54840 96428 39787 84865 43364 50881 92560 92483 63051
98747 22101 36034 36725 03215 34216 74430 42923 07653 18973
80224 49392 17348 83002 53233 86370 04193 92419 17519 21667
44465 60787 13360 51281 35197 50537 26562 87053 91080 94281
91465 89550 45873 42784 15687 27497 72156 05289 41703

17426/16274/14939 kHz, 1700/1720/1740 UTC

17426/16274/14939 kHz, 01-09, 1700/1720/1740 UTC

06398 00001 00000 10140

17426/16274/14939 kHz, 03-09, 1700/1720/1740 UTC

04587 00001 00000 10140

17426/16274/14939 kHz, 08-09/10-09, 1700/1720/1740 UTC

04520 00177 11747 13870 23967 00921 42358 33332 32083 91716
19290 45940 75663 51029 47490 96250 04142 19416 46166 83055
16248 41060 85166 03451 14061 29901 59438 12966 53738 82815
04862 89336 43566 84172 12273 45919 39776 40957 88369 74288
70140 86930 59117 03745 22292 61021 58794 05713 61152 06530
05367 39282 77902 30342 41856 31464 21676 42919 40439 63541
60125 37566 68584 36203 15056 88328 88898 45337 72473 11006
34806 02631 31416 09823 15717 35158 05428 12110 97110 02613
29902 38628 38221 50744 26761 33475 35906 95811 35504 21983
99814 68824 73785 78795 87014 69428 48095 90201 24408 34336
78781 70993 35518 96105 54702 96535 29587 30270 64766 59734
49037 47491 85359 33848 02474 26843 58565 79949 16674 62860
17585 60264 41147 92151 84939 34064 31976 39216 39841 44517
29368 06596 10029 49670 43988 98481 24905 98402 31473 62109
42799 23899 80448 58509 38299 14826 03146 46417 19830 25215
79167 22170 56817 55065 66006 99290 69938 99476 32303 62343
30437 38458 11509 44600 83933 69036 05616 96488 52283 00791
14478 10757 27398 01135 31138 55658 17245 68453 29359 01375

17426/16274/14939 kHz, 15-09, 1700/1720/1740 UTC

03189 00001 00000 10140

17426/16274/14939 kHz, 17-09, 1700/1720/1740 UTC

06030 00001 00000 10140

17426/16274/14939 kHz, 22-09/24-09, 1700/1720/1740 UTC

05720 00170 77884 80303 57307 66789 17848 44330 64310 76629
12703 27643 82803 28000 05986 35328 56832 73828 24087 35135
04760 22549 39097 85172 96690 44003 97497 99677 19659 91084
03091 43730 75603 47465 06425 62818 69684 28528 56352 76116
20990 26889 46815 77224 93673 16235 14940 75038 82716 56035
88939 90481 89007 73666 84248 87137 94591 26047 26504 45186
85428 25364 21029 37276 57573 96372 14498 16482 58960 85651
06739 49144 15564 64733 18934 52580 00428 84868 33606 60567
72774 81299 60335 11697 49435 61040 23042 29410 79080 38346
06862 39129 01893 79510 97303 27065 21616 68219 92823 84951
52344 13539 46318 92160 13646 31712 69454 77300 61929 77212

82838 89233 94932 10266 18137 35345 29695 01564 69339 52573
68284 26876 04754 76959 94734 09524 42025 57293 00094 84387
33750 33832 16299 27441 87190 64483 35641 54801 85234 37361
84634 55712 57855 01717 72506 22399 97358 71224 30973 05466
25177 84593 99225 42322 08297 07341 99436 08230 92624 63772
55887 20808 56559 64500 25417 72450 93977 21821 36988 57020
31922 63818 36152

17426/16274/14939 kHz, 29-09, 1700/1720/1740 UTC

03538 00001 00000 10140

19536/18467/16317 kHz, 0810/0930/0950 UTC

19536/18467/16317 kHz, 02-09, 0910/0930/0950 UTC

02375 00001 00000 10140

19536/18467/16317 kHz, 07-09, 0910/0930/0950 UTC

03473 00001 00000 10140

19536/18467/16317 kHz, 14-09/16-09, 0910/0930/0950 UTC

03503 00097 81190 22050 53088 40828 83202 60772 10504 85088
72566 28116 48673 84586 58686 60410 29936 61280 53808 88333
06832 36440 92922 66551 70162 86644 35226 40429 61403 05385
62587 44544 11042 60841 44422 21720 28602 61241 99305 15701
18085 43003 91900 05842 63005 74578 25563 80679 36719 73068
24244 86786 41388 73312 63632 96124 63085 75640 40728 65263
77008 84664 10263 41084 39941 30492 68129 60435 89488 26708
63616 63008 33626 28891 89158 82617 70302 49777 19368 64561
67936 77462 53873 41184 86850 03060 45316 14228 95430 37102
22857 46891 25878 03812 74179 92359 81730 06035 31198 01213

19536/18467/16317 kHz, 21-09, 0910/0930/0950 UTC

06254 00001 00000 10140

19536/18467/16317 kHz, 23-09, 0910/0930/0950 UTC

05877 00001 00000 10140

19536/18467/16317 kHz, 28-09, 0910/0930/0950 UTC

01198 00001 00000 10140

19536/18467/16317 kHz, 30-09, 0910/0930/0950 UTC

08169 00001 00000 10140

18583/17431/15821 kHz, 1100/1120/1140 UTC

18583/17431/15821 kHz, 02-09/03-09, 1100/1120/1140 UTC

00478 00090 29107 01995 22304 17337 39618 86208 56931 52015
72803 66631 44859 31643 99373 84219 90027 07446 37789 19300
00446 48677 78383 31280 28875 66954 99923 97549 93019 67284
88264 33189 68309 35410 66415 73548 42708 70187 19498 24246
96074 50814 34955 54382 92426 73925 64670 19995 38200 21812
32605 52135 65649 65957 48316 50804 44906 91400 38654 39270
87646 33274 63728 41307 62552 82575 27156 80948 24379 41061
18145 04263 63861 36123 62926 18783 45425 80348 06889 79422
82254 41286 14132 88834 61455 08590 78152 82990 98572 99814
74317 02263 75507

18583/17431/15821 kHz, 09-09/10-09, 1100/1120/1140 UTC

00612 00070 88555 69242 44780 74673 51132 18349 44223 80903
25716 08464 80829 02885 37163 38537 86430 04561 03224 38116
22832 92766 88327 22351 66439 56713 20676 94354 68197 77866
71790 94800 51217 24214 42289 55317 60967 33149 86655 70823
50017 60766 14863 73370 29097 88433 00143 86457 46037 41007

60301 65581 29331 54193 36968 67210 47733 05277 34137 54290
53274 92474 69713 15197 28051 50318 01041 47281 23823 79814
85720 89221 63741

18583/17431/15821 kHz, 16-09, 1100/1120/1140 UTC

01839 00001 00000 10140

18583/17431/15821 kHz, 17-09, 1100/1120/1140 UTC

09951 00001 00000 10140

18583/17431/15821 kHz, 23-09, 1100/1120/1140 UTC

08302 00001 00000 10140

18583/17431/15821 kHz, 24-09, 1100/1120/1140 UTC

04880 00001 00000 10140

18583/17431/15821 kHz, 30-09, 1100/1120/1140 UTC

00551 00042 02350 76740 29862 03592 22927 54084 84157 84921
71960 65761 53985 04279 33799 09070 59130 85327 58426 27563
24108 89542 32469 80520 78481 59738 05771 99552 32817 62956
01914 66329 27682 77771 12860 51063 77330 57534 64607 76612
72894 24881 54248 04867 33633

16351/14851/13951 kHz, 1800/1820/1840 UTC
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16351/14851/13951 kHz, 02-09/04-09, 1800/1820/1840 UTC

04063 00179 89620 82579 02541 40308 83250 38077 08199 08802
98864 53006 29622 45501 63033 93572 43425 67646 47473 61356
39472 23243 34491 82480 06986 73544 49969 47050 32106 90415
21584 53054 51252 92321 20574 08240 86812 43399 18136 65527
49768 70168 97036 76206 42952 22362 36550 03489 77962 76871
19416 53496 36182 90888 10858 40710 21707 50595 56134 08168
76920 28177 81019 70225 91742 80894 21808 55135 42641 85533
26951 64329 29953 74418 58636 62726 76197 27898 92907 99684
67829 44098 82116 39710 64290 56901 52692 32378 35242 59826
19122 81808 93630 40191 12178 27452 60572 15768 83887 76545
94744 43878 63560 10840 77988 13616 81581 96268 69895 81996
94748 60670 20259 98802 18624 23632 92515 38410 76229 71087
89071 14525 72275 65751 72491 43498 99550 45455 24531 94114
66212 86533 45975 65656 16382 32748 90741 07749 53275 90010
94619 76994 79014 58389 98963 14175 56245 72539 30765 27272
95297 72225 52175 53617 71792 77475 09636 82890 28878 84520
38045 09392 82071 73022 33377 80260 20967 74815 48677 88647
96894 35149 02288 45432 00483 57006 26049 60850 56041 40009
49166 22602

16351/14851/13951 kHz, 09-09/11-09, 1800/1820/1840 UTC

07007 00072 01007 88490 50783 22968 67872 41462 11266 38255
09769 29894 99576 98249 52723 80303 77624 54693 82922 68389
97899 37914 90367 32370 59742 00908 13754 63399 53848 55146
28991 16729 61078 75983 93018 50976 62143 86239 54146 87019
65130 99483 69686 98836 56221 74581 51571 28275 30256 61220
25613 61327 73224 29981 12961 51683 61906 63218 71395 75808
30171 80229 27328 46244 78025 27350 07403 07907 91341 23268
87330 62151 91052 20391 10430

16351/14851/13951 kHz, 16-09/19-09, 1800/1820/1840 UTC

04667 00375 17066 55916 47453 14100 51002 34312 67816 88161
37505 12088 65958 06248 98518 45925 07185 12837 94698 11592
10056 09777 39442 60924 46821 08971 35160 27527 22566 84191
73073 47159 58725 42437 61183 66835 75458 53673 18713 06098
02735 80467 18482 84236 82754 51498 48717 55577 72204 22326
04175 12061 70762 03612 48808 49892 69981 56337 10645 97774

65662 22324 34667 56742 67063 16769 92262 10035 02908 30814
31152 38715 05877 12682 59369 86223 61914 47539 41139 51016
27845 88902 87255 29448 06267 07832 32643 97340 64354 00143
07473 35817 42355 54660 63535 69574 96319 59084 51077 50300
75161 94018 73028 54041 91501 26105 08535 71678 74876 15724
04529 70913 07680 76925 56101 98471 16069 39367 16660 40879
52252 65662 30503 88683 07281 12894 21251 97099 94831 79842
83996 59829 71720 01725 94293 84177 55877 40177 68297 85780
31391 11228 37186 64400 31819 67103 84355 79248 39930 81193
85617 05484 89082 47118 74162 45449 55596 65872 19303 83824
54559 20089 04080 33646 31464 26593 95830 76887 32271 88706
49584 85911 89048 98127 96949 09206 69486 34201 93140 60634
63174 79437 35535 04415 83537 36014 80618 34067 51867 43840
82677 67058 20858 73362 66208 94844 75802 86403 55889 80099
28935 74499 67070 65492 90251 74628 93489 11332 62501 66807
46685 53362 53333 61839 19811 35042 21822 10206 01204 11858
40183 06761 92556 07986 88182 02646 14792 15225 06885 12780
78586 65373 10264 73752 36965 73670 20404 84267 06564 31954
26895 67664 06281 70704 96018 61834 84334 56013 57046 98794
94365 16774 28133 93249 70547 52379 14550 76910 05973 00150
03988 40782 64812 63962 62026 05031 82957 71637 76860 18539
02165 13730 84760 37094 81974 75939 90209 53909 18788 57157
85138 14401 79366 95438 78517 99261 86063 10827 71984 42368
05797 50338 79725 11497 92768 85081 88502 11261 99785 52992
91203 51443 86600 88968 17283 68602 85553 39465 07051 80822
74413 19680 02000 62892 07188 79937 18507 44986 86692 32736
09863 40002 29205 81335 26051 53222 64628 95797 47500 85063
98944 55995 30174 60398 17116 74851 42030 61512 51911 13218
32492 96985 50915 72813 91664 08018 89521 61842 41597 10549
51888 57525 24839 33703 17794 24273 72175 37262 01081 78371
92056 06084 82183 09307 75116 37817 27786 85495 77968 41575
58599 73585 00119 16497 60467 63240 74558 77061

16351/14851/13951 kHz, 23-09/25-09, 1800/1820/1840 UTC

08340 00064 03254 44852 05810 05028 36091 70639 15777 45236
53517 50030 84872 19149 85402 15884 69482 64304 61131 14975
04839 01485 22957 94707 62622 71953 33467 70075 35910 06245
05858 60752 10001 94644 13229 30017 58266 01860 75344 81215
30961 66042 82658 32999 66785 88042 00102 16224 90949 45974
39863 97418 16926 26488 11741 75045 91309 41759 53051 56842
75063 50865 77965 23042 14385 85114 36317

16351/14851/13951 kHz, 30-09, 1800/1820/1840 UTC

03927 00127 58302 56704 97064 80522 68030 91429 85727 32517
25918 80323 15646 72880 20965 72570 98759 90739 78194 31025
29736 02474 97155 52340 68442 78263 78386 17509 53987 22157
86387 16346 68427 16875 38765 10167 57002 87578 82184 00346
31694 40254 74075 35648 01790 63171 72693 28839 89656 03586
61146 73396 03124 90607 12719 05098 16241 12234 42232 10891
51164 61509 94742 71321 32629 65479 63132 45050 13784 57522
76077 26349 16491 77026 80543 09993 04831 96623 02082 42182
51141 23730 25087 46414 41958 13263 17385 30466 28746 55405
00821 05708 91170 12882 09455 64182 52451 30250 90898 41045
96678 86550 10035 83295 55117 04435 30115 55454 53451 52247
47607 35847 96048 76147 78321 38655 11851 39914 40193 47498
63914 14889 20349 83925 54976 52734 36106 72469 36616 24464

19572/18054/17471 kHz, 0900/0920/0940 UTC

19572/18054/17471 kHz, 03-09/05-09/10-09/12-09, 0900/0920/0940 UTC

00441 00172 04957 66979 60983 66334 83602 61637 42795 70193
71414 57478 53977 13100 22208 35029 34953 00050 46742 28020
62494 53379 47794 47742 26923 25275 27206 04675 27083 56866
91186 86206 87848 84583 08947 20820 62716 74410 13513 24998
16519 70014 84744 78908 83231 68632 11835 18857 04149 23729
90988 18471 90957 43284 57042 97576 97036 92232 55375 41121
92099 66812 16348 33383 55887 07186 64375 11662 90773 09678
99574 62437 58005 13197 35936 31676 00016 72752 99613 28344
55974 76079 97723 40860 89611 64652 24092 26442 88143 10278
04393 92389 38108 22898 69623 25267 40634 49886 51973 04684
19579 15881 70960 25428 72353 55281 07403 29829 06786 97247
57758 29945 27062 70740 66549 16538 42428 55208 31316 79215
13125 69845 53763 44005 49704 06840 83280 08492 18707 79484
18285 63888 43357 05034 74126 06698 37564 55889 55073 43390
53870 55326 89638 57132 37818 96154 27478 11990 42927 78923
45566 28607 69015 68881 71450 57742 35372 13988 30177 67551
62616 74607 23012 24731 16530 27212 44688 89368 38676 70494
52419 10272 62724 68180 05136

19572/18054/17471 kHz, 17-09, 0900/0920/0940 UTC

08309 00001 00000 10140

19572/18054/17471 kHz, 19-09, 0900/0920/0940 UTC

02871 00001 00000 10040

19572/18054/17471 kHz, 24-09, 0900/0920/0940 UTC

01864 00001 00000 10140

19572/18054/17471 kHz, 26-09, 0900/0920/0940 UTC

09121 00001 00000 10140

16113/17497/18179 kHz, 0700/0720/0740 UTC

16113/17497/18179 kHz, 02-09, 0700/0720/0740 UTC

00922 00212 83723 48490 04557 58846 27619 57380 44126 65488
07761 21937 66387 28169 50716 76259 38004 34079 22994 96198
00353 46567 42241 47280 67372 03990 78260 88780 72211 10625
83346 63461 23195 54330 12069 38056 29398 85497 73142 23736
85943 45150 54558 40450 16006 01079 84403 49235 17516 95867
60124 22480 31661 35379 54805 83882 12893 56970 12429 32448
58070 15072 41104 56874 24725 77773 55673 66057 45684 18764
48803 01162 26905 16785 14802 26298 11426 85495 34026 14040
39155 21123 00585 81770 46564 58286 35441 43406 59563 20267
96116 14818 28431 51482 03386 24199 19931 33350 26702 43655
57292 73766 65880 07431 99468 47456 83833 09915 10833 06378
22286 07526 76557 02804 66939 84637 90281 14983 59481 70010
49245 85589 97726 87785 14892 10215 53409 26025 80477 75742
83161 54960 07468 94677 66257 81799 53065 31135 27547 22239
04404 24390 84797 20762 18728 80758 27913 95482 31537 35471
66160 86486 96076 63075 47630 79634 14935 13166 52265 95831
61780 91990 79084 69476 33530 72337 71966 84494 42718 46828
40980 08950 34114 21385 35890 29630 24647 13013 94420 41802
07124 04233 58854 36376 14733 24985 70483 03496 26917 31732
59421 95694 87641 99841 00369 94692 11418 73832 77846 43625
86064 13880 59935 85059 19209 61663 42637 89954 32898 11406
89985 46855 69315 44537 50374

16113/17497/18179 kHz, 07-09, 0700/0720/0740 UTC

07067 00001 00000 10140

16113/17497/18179 kHz, 09-09, 0700/0720/0740 UTC

07115 00001 00000 10140

16113/17497/18179 kHz, 21-09/23-09/28-09/30-09, 0700/0720/0740 UTC

00276 00429 82895 32556 58233 15241 53506 79694 07054 95512
66378 05393 63819 80182 97021 78975 94443 55093 73298 82044
69039 47253 86706 28506 07748 96053 17618 20944 75558 54665
77978 21319 08346 68818 64924 62072 36037 28188 08615 95765
01074 64889 08787 81781 46030 14728 78408 72216 94544 75265
82448 54461 03881 40726 01199 72605 00368 46748 63343 61854
79554 11671 44617 21084 11190 04776 73782 29425 21073 85040
86804 42937 03254 18985 61895 73583 46758 80111 87929 61910
67401 12460 91710 70384 51258 63151 59016 49198 74360 96018
49650 82397 19336 36752 74796 91720 63825 44759 86554 64624
19700 78441 48652 60958 29723 64691 36076 32382 40506 75482
58632 38333 57070 24706 25022 79762 86744 01426 77718 98033
13587 35685 63125 95135 47562 13824 13200 62641 79003 80414
42189 75929 36404 14546 13395 10173 56886 84289 68045 54025
36719 48576 66348 56902 08058 71563 62002 75491 20861 04995
08968 17727 45511 07033 15377 50326 72835 61353 99240 25196
38547 37469 66821 78488 47454 77397 63391 10656 38633 30102
46472 24156 59298 33293 03723 41762 60129 61545 76694 77261
29753 86069 63907 15061 61007 89583 95744 04088 04081 91295
10961 61002 52403 90684 66555 47480 94617 83890 88423 68543
46098 97451 96173 28656 97905 93648 58997 94452 57050 36225
44978 63269 34039 16858 94553 83164 28133 86155 61142 14652
01180 69684 34774 02053 93602 07329 27250 59559 00131 77883
97370 04690 99278 67675 74073 05751 59275 84074 62219 93630
92056 68695 84551 21474 17841 85105 67876 22883 81736 10746
62694 70613 62300 33297 01903 78974 71192 31089 03076 96660
56212 78525 17798 46955 15743 01228 75907 75035 21328 46374
45341 58708 83373 04906 20000 74715 40759 81656 16915 13995
10813 88164 84258 58285 25018 38203 14465 27235 57600 86696
09124 92984 29346 59415 11830 61558 00426 90980 82366 66449
09950 54402 68340 98892 45721 28759 52260 58345 74971 04746
21574 14580 87480 95425 10297 56410 07815 04122 71864 44010
12837 97276 11975 70349 20929 38364 14201 62279 01139 95662
17620 86690 86063 43883 07965 53498 76420 12935 99884 25941
01661 09061 36890 29313 89198 50061 79678 58089 14941 32694
95788 70735 99806 80502 69458 99940 28486 74205 49799 19054
23847 44664 69230 28698 85017 21473 73662 40634 02093 65044
29424 41862 57855 43648 35793 31228 37297 08830 41796 34938
93848 50636 42757 80389 09203 15334 56628 62912 98873 88412
22804 72178 22866 06165 87708 08809 30948 97006 42326 08050
91121 81597 57481 44452 83372 20007 37453 73708 86248 85227
96016 88641 96409 58357 92077 02494 23777 60022 46487 51618
32584 69992 92388 13242 89663 01921 67096 18399 67872 09274
28633 21773

17479/16094/14926 kHz, 1500/1520/1540 UTC**17479/16094/14926 kHz, 05-09, 1500/1520/1540 UTC**

06524 00001 00000 10140

17479/16094/14926 kHz, 12-09, 1500/1520/1540 UTC

05290 00194 43412 13443 64519 25795 50992 31093 86349 32774
52163 59470 82412 29123 30206 74566 61301 02467 59637 38695
74378 31967 80923 30753 04875 73534 34149 05216 37886 33655
50974 86556 43319 03130 40182 34303 09637 84384 15933 91501
95432 33725 58725 12165 68373 21081 20644 28938 69371 19893
54424 65716 15856 78348 53942 56749 07452 36290 82346 37689
05786 00875 01000 42656 11908 43512 88566 50082 30630 86762
02650 48505 99544 80140 00774 36200 44468 31499 39044 42017

91084 71603 94478 03470 25224 74851 83061 90140 64833 64268
06610 08164 37810 20615 76020 34229 07818 22678 66974 00268
57276 74000 03153 96456 48077 91715 92628 40632 53146 62189
68316 84178 33048 09826 76831 42578 27135 13230 19563 67999
82429 42508 97051 82712 39084 02515 53736 37725 25709 92923
06725 50097 77224 84309 54069 26008 26135 94371 63571 25824
19783 34522 36677 77218 92228 56997 66648 01328 69572 36876
29511 84491 98463 31368 68400 07449 94626 04452 07010 04987
20064 70724 14973 63470 28024 87071 27521 41235 03420 73287
68016 50637 41475 12946 33642 08255 11007 59854 69972 75549
10417 46783 20757 67058 02546 76800 06991 15805 18313 16542
38977 04632 51968 60889 06118 26226 55650

17479/16094/14926 kHz, 07-09/12-09, 1500/1520/1540 UTC

05290 00194 43412 13443 64519 25795 50992 31093 86349 32774
52163 59470 82412 29123 30206 74566 61301 02467 59637 38695
74378 31967 80923 30753 04875 73534 34149 05216 37886 33655
50974 86556 43319 03130 40182 34303 09637 84384 15933 91501
95432 33725 58725 12165 68373 21081 20644 28938 69371 19893
54424 65716 15856 78348 53942 56749 07452 36290 82346 37689
05786 00875 01000 42656 11908 43512 88566 50082 30630 86762
02650 48505 99544 80140 00774 36200 44468 31499 39044 42017
91084 71603 94478 03470 25224 74851 83061 90140 64833 64268
06610 08164 37810 20615 76020 34229 07818 22678 66974 00268
57276 74000 03153 96456 48077 91715 92628 40632 53146 62189
68316 84178 33048 09826 76831 42578 27135 13230 19563 67999
82429 42508 97051 82712 39084 02515 53736 37725 25709 92923
06725 50097 77224 84309 54069 26008 26135 94371 63571 25824
19783 34522 36677 77218 92228 56997 66648 01328 69572 36876
29511 84491 98463 31368 68400 07449 94626 04452 07010 04987
20064 70724 14973 63470 28024 87071 27521 41235 03420 73287
68016 50637 41475 12946 33642 08255 11007 59854 69972 75549
10417 46783 20757 67058 02546 76800 06991 15805 18313 16542
38977 04632 51968 60889 06118 26226 55650

17479/16094/14926 kHz, 14-09, 1500/1520/1540 UTC

01638 00001 00000 10140

17479/16094/14926 kHz, 19-09, 1500/1520/1540 UTC

02871 00001 00000 10140

17479/16094/14926 kHz, 21-09/26-09, 1500/1520/1540 UTC

06323 00188 03007 36037 ... 87847 28176 56434

I lost the full transcript

17479/16094/14926 kHz, 28-09, 1500/1520/1540 UTC

01183 00001 00000 10140

17479/16094/14926 kHz, 29-09, 1500/1520/1540 UTC

01183 00001 00000 10140

XPB1

Mon-Tue

19667 kHz, 01-09/07-09/08-09/14-09/15-09/21-09/22-09/28-09/29-09, 0500 UTC
19268 kHz, 01-09/07-09/08-09/14-09/15-09/21-09/22-09/28-09/29-09, 0510 UTC
18268 kHz, 01-09/07-09/08-09/14-09/15-09/21-09/22-09/28-09/29-09, 0520 UTC
17468 kHz, 01-09/07-09/08-09/14-09/15-09/21-09/22-09/28-09/29-09, 0530 UTC
16268 kHz, 01-09/07-09/08-09/14-09/15-09/21-09/22-09/28-09/29-09, 0540 UTC
15868 kHz, 01-09/07-09/08-09/14-09/15-09/21-09/22-09/28-09/29-09, 0550 UTC

Mon-Fri

20017 kHz, 01-09/04-09/08-09/11-09/15-09/19-09/25-09/29-09, 1300 UTC
19317 kHz, 01-09/04-09/08-09/11-09/15-09/19-09/25-09/29-09, 1310 UTC
18037 kHz, 01-09/04-09/08-09/11-09/15-09/19-09/25-09/29-09, 1320 UTC
17417 kHz, 01-09/04-09/08-09/11-09/15-09/19-09/25-09/29-09, 1330 UTC
16217 kHz, 01-09/04-09/08-09/11-09/15-09/19-09/25-09/29-09, 1340 UTC
15817 kHz, 01-09/04-09/08-09/11-09/15-09/19-09/25-09/29-09, 1350 UTC

Thu-Fri

19667 kHz, 03-09/04-09/10-09/17-09/18-09/24-09/25-09,, 0500 UTC
19268 kHz, 03-09/04-09/10-09/17-09/18-09/24-09/25-09,, 0510 UTC
18268 kHz, 03-09/04-09/10-09/17-09/18-09/24-09/25-09,, 0520 UTC
17468 kHz, 03-09/04-09/10-09/17-09/18-09/24-09/25-09,, 0530 UTC
16268 kHz, 03-09/04-09/10-09/17-09/18-09/24-09/25-09,, 0540 UTC
15868 kHz, 03-09/04-09/10-09/17-09/18-09/24-09/25-09,, 0550 UTC

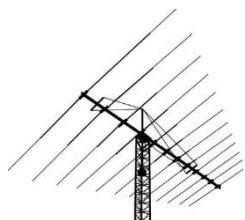
X--

20159 kHz, 21-09, 0831 UTC, MFSK-21/MFSK-13 Russian intel.
19217 kHz, 21-09, 0836 UTC, MFSK-21/MFSK-13 Russian intel.
9312 kHz, 23-09, 1345 UTC, MFSK-21/MFSK-13 Russian intel.
15787 kHz, 24-09, 0840 UTC, MFSK-21/MFSK-13 Russian intel.

X06

X06 tests logged by T101 and RO

12350 kHz, 16-09, 0704 UTC, CW	111111
9350 kHz, 16-09, 0712 UTC, CW	111111
15450 kHz, 17-09, 0720 UTC, MFSK-6	111666
15250 kHz, 17-09, 0727 UTC, MFSK-6	111666
11750 kHz, 17-09, 0729 UTC, MFSK-6	111666
11750 kHz, 17-09, 0730 UTC, CW	111111
17750 kHz, 17-09, 0737 UTC, CW	111111
17750 kHz, 17-09, 0739 UTC, MFSK-6	111666
16750 kHz, 17-09, 0742 UTC, MFSK-6	111666
16135 kHz, 17-09, 0757 UTC, CW	111111? CW-like; old machine; in/out/back/out
11350 kHz, 17-09, 0753 UTC, MFSK-6	116611
9350 kHz, 17-09, 0811 UTC, MFSK-6	166611
9350 kHz, 17-09, 1717 UTC, MFSK-6	111666
15750 kHz, 17-09, 0848 UTC, MFSK-6	111666
13650 kHz, 17-09, 0852 UTC, MFSK-6	111666
19350 kHz, 23-09, 0934 UTC, MFSK-6	111666. Off at 1100z



DIPLOMATIC STATIONS

Diplomatic stations: Egypt

17426.7 kHz, 01-09, 0500 UTC, SITOR-A 100/170	MFA Cairo clg OOVp: Egyptian embassy Islamabad on and of for 40 mins
17426.7 kHz, 01-09, 0542 UTC, SITOR-A 100/170	MFA Cairo clg TVQX: Egyptian embassy Tehran at 0543z followed by idle SITOR-B for 1 minute
19666.0 kHz, 10-09, 1310 UTC, CODAN	Egyptian diplo i.p.
18051.7 kHz, 19-09, 0934 UTC, SITOR-A 100/170	Egyptian diplo i.p. Off at 0936z
18051.7 kHz, 19-09, 0938 UTC, SITOR-A 100/170	MFA Cairo clg KKXI: Egyptian embassy Asmara

Diplomatic stations: North Korea

14350 kHz, 03-09, 1210 UTC, DPRK-ARQ 1200/600 LSB

DPRK embassy Rome wkg DPRK embassy Moscow

13119 kHz, 16-09, 0804 UTC, DPRK-ARQ 1200/600 LSB

DPRK embassy Rome wkg DPRK embassy Moscow

Diplomatic stations: Russia

13430 kHz, 11-09, 0633 UTC, Serdolik v2

Russian diplo.

13427 kHz, 11-09, 0645 UTC, MFSK-6

MFA Moscow clg 341265: unid embassy

16060 kHz, 13-09, 0917 UTC, MFSK-6

MFA Moscow clg 261453: Russian embassy Cairo

15810 kHz, 13-09, 1020 UTC, MFSK-6

MFA Moscow clg 145632: Russian embassy Algiers

14538 kHz, 13-09, 1525 UTC, MFSK-6

MFA Moscow clg 154263: Russian embassy Rome

14358 kHz, 15-09, 1527 UTC, MFSK-6

MFA Moscow clg 154263: Russian embassy Rome

15819 kHz, 16-09, 1226 UTC, MFSK-6

MFA Moscow clg 256341: Russian embassy Beirut

13838 kHz, 16-09, 1345 UTC, MFSK-6

MFA Moscow clg 256341: Russian embassy Beirut

19858 kHz, 17-09, 0804 UTC, MFSK-6

MFA Moscow clg 351264: Russian embassy Abu Dhabi

17534 kHz, 17-09, 0807 UTC, MFSK-6

MFA Moscow clg 351264: Russian embassy Abu Dhabi

18195 kHz, 17-09, 0936 UTC, MFSK-6

MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City

18322 kHz, 18-09, 1717 UTC, Serdolik v2

Russian diplo

14824 kHz, 17-09, 1722 UTC, MFSK-6

MFA Moscow clg 625413: Russian embassy Tel Aviv

13420 kHz, 22-09, 0733 UTC, MFSK-6

MFA Moscow clg 534216: Russian embassy Baghdad

17523 kHz, 22-09, 0756 UTC, MFSK-6

MFA Moscow clg 542136: Russian embassy Beijing

16153 kHz, 24-09, 0857 UTC, MFSK-6

MFA Moscow clg 153624: Russian embassy Damascus



SPECIAL PURPOSE RADIO STATIONS

7055 kHz, 02-09, 155 UTC

Anti Putin propaganda

7055 kHz, 02-09, 1640 UTC

Waterfall text



UTILITY ROUND-UP

Unid stations

4590 kHz, 12-09, 2000 UTC, CW. Logged by Hiram.

The message contains only 3 different digits: 3,4,5

MESSA MESSA GESYS TEMIA NITIA LIZED UFFER READA YS5HE EETUA
 HNEMI EEIIA HESVA EEHEA HIISI IIESA E4KBB ITHTL HSEEI HSKTB
 TISMI TTBI I EETKE I5HHE T5SEI ET5IU ENSO TMTAB ETEHS EETEE
 EEKNB IHEBE SKEAA EIETT ETTT TTEEB EEITE ETEAB EHISC I4EEI
 UEIET SEETC TTTEG 5SISE ESESH IIISS IEEHS IIISS ISS5E TEETV
 EET4I ETESS SHELN ATEEE EBENS ITIEF HSTAE 5SEEI TTTTE TBE55
 SESNH EVTTS ETTT EETSI HTEEI IEXKB T5IIT TTTEI ETEE5 SEI5E
 STBEE IIHS5 TISID 5SEIC EHAH5 SEBEE ATTE3 TTHIE EK133 TNIIS
 UEEIF EHIUE IIES3 H5HE3 TMEN TMS3S SIEI IEUET MESSA MESSA

The unid station on 6976.8 kHz is still on the air with the same message.

Its companions on 6975 and 6976 kHz have not been heard lately.

Its message **XXX XXX MSK 090545 R 240222 K** followed by a long dash, could be more than just another message.**MSK** likely refers to Moscow time;

090545 (9 May 1945) marks Victory Day in Russia and the former Soviet republics, they celebrate the end of World War II in Europe;
240222 (24 Feb 2022) is the day the Russian invasion of Ukraine began.
It fits too good to be a coincidence, I think. The question is: who is sending this message?



RUSSIAN MILITARY

Voice transmissions

This station sends a patriotic song every even hour, Moscow time on 6970 kHz. It sends daily a Monolith message at 1745 UTC.

Logged by Hiram

6970 kHz, 14-09, 1745 UTC FGKT FGKT 94379 LEVOBIMS 4354 9159 Priyom
6970 kHz, 16-09, 1745 UTC FGKT FGKT 13430 DYMOROD 4012 3992 Priyom
6970 kHz, 21-09, 1745 UTC FGKT FGKT 89237 NPKLONNJ 3005 4103 Priyom
6970 kHz, 22-09, 1745 UTC FGKT FGKT 41206 METROZVUK 1718 2091 Piyom
6970 kHz, 24-09, 1745 UTC FGKT FGKT 11256 NEITRON 1904 7892 Priyom
6970 kHz, 25-09, 1745 UTC FGKT FGKT 90594 SEMSEKTORMYI 147 5998 Priyom
6970 kHz, 27-09, 1745 UTC FGKT FGKT 98432 STIKhOGLAZ 8425 2591 Priyom
6970 kHz, 28-09, 1745 UTC FGKT FGKT 04198 LUPOSKOT 6472 6079 Priyom
6970 kHz, 29-09, 1745 UTC FGKT FGKT 42 273 PEREVODSIKhA 2288 8003 Priyom
6970 kHz, 30-09, 1745 UTC FGKT FGKT 42 273 PEREVODSIKhA 2288 8003 Priyom

Logged by Geir, LA6LU

9145 kHz, 19-09, 1830 UTC RMX: CW RMJT RMJT RMJT DE RMX RMX QSA? K (19Sep26 1830z) (LA6LU)
9145 kHz, 19-09, 0801 UTC RMX: CW RMJT RMJT RMJT DE RMX RMX QSA? K (19Sep26 0801z) (LA6LU)
8191 kHz, 09-08, 1246 UTC KUFU KUFU 692257 RAVOKORD 1011 --- XXX XXX KUFU KUFU 69227 RAVOKORD 1011 9143 K 12:46

Logged by TJ

Lots and lots of activity by the Russian Long Range Aviation recently:

7746/6888 kHz, 30-09, REA4: Long Range Aviation Command, A1A, several strategic flash messages to collective A2CA, scheduled WX messages for associated airbases at ~hh:40, channel rests on OOK 50/sec between messages.

7746 kHz messages heard on 29-09.

XXX XXX A2CA A2CA 12981 WRAGOKOS 3218 2467 K
XXX XXX A2CA A2CA 01022 ROGOFUKO 0658 2568 K
XXX XXX A2CA A2CA 85414 KLUBO÷NYJ 7122 5560 K
XXX XXX A2CA A2CA 31716 EOXPñNODUST 0716 69072 K
XXX XXX A2CA A2CA 28996 ENATROBUH 1120 1943 K
XXX XXX A2CA A2CA 68368 SUPERFOSFAT 8999 7428 K
XXX XXX A2CA A2CA 55929 FUTOKAIN 0323 3138 BAKINSKIY 5550 3677 SLOMOTERN 8480 4365 K
XXX XXX A2CA A2CA 11072 PRISKAZKA 3021 6941 K
XXX XXX A2CA A2CA 68304 MEDNOGORSK 9491 2115 K
XXX XXX A2CA A2CA 52258 BLATOTRAP 1280 9767 K
XXX XXX A2CA A2CA 23167 ADENOMA 2657 7497 KUPAV 1280 0321 K
XXX XXX A2CA A2CA 29971 ZLOJ 5221 8701 K
XXX XXX A2CA A2CA 72972 AZOSKIT 2284 6539 K
XXX XXX A2CA A2CA 78905 DRÝBLOSTX 83-1 1891 K
XXX XXX A2CA A2CA 02936 WESTOLIMB 8323 5783 K
XXX XXX A2CA A2CA 42361 -43 =DDDDD CCYDR NNTRI ... HWOPL EEEEE BNUHW OPTMR K EEEEE = K. RE4 REA4 = 29T7T 999TT
2812T 62596 ... =REA4 (62596 = UKRAINKA)
XXX XXX A2CA A2CA 45174 OMOVOH 1778 2298 K
XXX XXX A2CA A2CA 59404 KLEWOSOR 2016 6654 K
XXX XXX A2CA A2CA 03273 GORNOKPSP (?) 0989 4466 K
XXX XXX A2CA A2CA 01952 DUWROVID 8204 7328 K
XXX XXX A2CA A2CA 24196 PARTNERSKIY 1894 5885 WOINOREWA 0586 2622 NEWRU÷ENXE 9770 2820 K

REA4 REA4 = 29T8T 999TT 2813T 62596 81597 82911 1TT26 71TT4 8651/ 921// = REA4 K
 REA4 REA4 = 29T9T 999TT 2815T 27627 ... = REA4 (27627 = SOLTSY-2)
 REA4 REA4 = 291TT 999TT 2T15T 27627 ... 7T2TT = REA4 K (27627 = SOLTSY-2)
 REA4 REA4 = 2912T 999TT 2815T 2TT69 78997 TT3T2 ... REA4 = K (20069 = ENGELS)
 REA4 REA4 = 2913T 999TT 2815T 22212 73597 ... 92T// = REA4 K (22212 = BELAYA)
 XXX XXX A2CA A2CA 36804 PEREKORM 2170 7602 PROGONKA 7262 4117 BRPØINA 1756 3010
 IIIII XXX XXX A2CA A2CA 54526 PASTILA 6756 4704 DRAVE 8361 7346 WOLOSNO 2930 1562 K

Morse transmissions

7542 kHz, 14-09, 1538 UTC

VV VV VV VV followed by 8 dots
 1FXV DE 6EJI QTC K
 6EJL 404 32 14 18 35 404 = 835 =
 13997 55262 39767 31579 88474 28411 52155 04287 40633 23937
 72751 74293 97620 43448 06225 98361 75001 18492 38129 70746
 42176 64301 12875 23006 78136 42230 76652 48790 09090 14029
 835 K

19201 kHz, 13-09, 1543 UTC

RIP90 RIP90 RIP90 DE RCV RCV QTC
 365 242 13 1451 365 = NAAWIP 032 950 KARTA 32203 ... (weather forecast)



CONTRIBUTORS

AB	Ary Boender, Netherlands	GT	Glimmer Twin
AB-ARS	Ary Boender via remote rx Saudi Arabia	Hiram	Hiram, W. Europe
AB-BER	Ary Boender via remote rx Bermuda	HK	Hiroyuki Komatsubara, Japan
AB-FIN	Ary Boender via remote rx Finland	JPL	JPL, NB, Canada (and various remote rx)
AB-GRC	Ary Boender via remote rx Greece	Jun	Jun
AB-HNG	Ary Boender via remote rx Hungary	LA6LU	Geir Laastad, Norway
AB-IRL	Ary Boender via remote rx Ireland	Lac	Lazycrypt
AB-J	Ary Boender via remote rx Japan	MJW	MJW
AB-POL	Ary Boender via remote rx Poland	Moon	Moonlight (Dave AU)
AB-RUS	Ary Boender via remote rx Russia	Pille	Pille
AB-S	Ary Boender via remote rx Sweden	PY	Pierre Ynard, France and via remote rx
AB-SRB	Ary Boender via remote rx Serbia	qsr711	QSR711
AB-USA	Ary Boender via remote rx USA	RL	Roberto Landolpho, Brazil
BR	Brian Rogers, UK	RO	Rando One, Sweden
CK	Costas, Southern Europe	SSD	SauerStoffDioxid
EW	Eddy Waters, Australia	Subilo	Subilo
FD	Full Day Waterfall, University Twente SDR	T101	RadiotehnikaT101 via Priyom
Flaa	FlaafySW	TM	Time Machine
GC2	Graham	WLTZ	MiasmaSpasm63



LOGBOOK

Code	Date	UTC	Freq	Day	Details	Mode	Contributor
---	12-9	2000	4590	Sat	MESSA MESSA GESYS TEMIA NITIA ... TMS3S SIIEI IEUET MESSA MESSA	CW	(Hiram)
E07	1-9	1500	17452	Tue	428 428 428 1 9653 149 9653 149 76366 14768 15223 ... 99627 63480 44904 000 000	USB	(AB/Lac)
E07	1-9	1520	16272	Tue	428 428 428 1 9653 149 9653 149 76366 14768 15223 ... 99627 63480 44904 000 000	USB	(AB/Lac)
E07	1-9	1540	14875	Tue	428 428 428 1 9653 149 9653 149 76366 14768 15223 ... 99627 63480 44904 000 000	USB	(AB/Lac)
E07	3-9	1000	18287	Thu	241 241 241 000	USB	(AB/Lac)
E07	3-9	1020	17471	Thu	241 241 241 000	USB	(AB/Lac)
E07	4-9	1500	17452	Fri	428 428 428 1 9653 149 9653 149 76366 14768 15223 ... 99627 63480 44904 000 000	USB	(AB)
E07	4-9	1520	16272	Fri	428 428 428 1 9653 149 9653 149 76366 14768 15223 ... 99627 63480 44904 000 000	USB	(AB)
E07	4-9	1540	14875	Fri	428 428 428 1 9653 149 9653 149 76366 14768 15223 ... 99627 63480 44904 000 000	USB	(AB)
E07	5-9	1000	18287	Sat	241 241 241 000	USB	(AB/Lac)
E07	5-9	1020	17471	Sat	241 241 241 000	USB	(AB/Lac)
E07	8-9	1500	17452	Tue	428 428 428 000	USB	(AB/Lac)
E07	8-9	1520	16272	Tue	428 428 428 000	USB	(AB/Lac)
E07	10-9	1000	18287	Thu	241 241 241 1 8480 182 8480 182 14358 00654 27860 ... 48315 51909 79329 000 000	USB	(AB/Lac)
E07	10-9	1020	17471	Thu	241 241 241 1 8480 182 8480 182 14358 00654 27860 ... 48315 51909 79329 000 000	USB	(AB/Lac)
E07	10-9	1040	16135	Thu	241 241 241 1 8480 182 8480 182 14358 00654 27860 ... 48315 51909 79329 000 000	USB	(AB/Lac)
E07	11-9	1500	17452	Fri	428 428 428 000	USB	(AB/Lac)
E07	11-9	1520	16272	Fri	428 428 428 000	USB	(AB/Lac)
E07	12-9	1000	18287	Sat	241 241 241 1 8480 182 8480 182 14358 00654 27860 ... 48315 51909 79329 000 000	USB	(AB/Lac)
E07	12-9	1025	17471	Sat	241 241 241 1 8480 182 8480 182 14358 00654 27860 ... 48315 51909 79329 000 000	USB	(AB/Lac)
E07	12-9	1050	16135	Sat	241 241 241 1 8480 182 8480 182 14358 00654 27860 ... 48315 51909 79329 000 000	USB	(AB/Lac)
E07	15-9	1500	17452	Tue	428 428 428 1 2563 178 2563 178 22306 92895 40904 ... 03465 33963 52773 000 000	USB	(AB/Lac)
E07	15-9	1520	16272	Tue	428 428 428 1 2563 178 2563 178 22306 92895 40904 ... 03465 33963 52773 000 000 restart after group 99	USB	(AB/Lac)
E07	15-9	1547	14875	Tue	428 428 428 1 2563 178 2563 178 22306 92895 40904 ... 03465 33963 52773 000 000	USB	(AB/Lac)
E07	17-9	1000	18287	Thu	241 241 241 000	USB	(AB/Lac)
E07	17-9	1020	17471	Thu	241 241 241 000	USB	(AB/Lac)
E07	18-9	1500	17452	Fri	428 428 428 1 2563 178 2563 178 22306 92895 40904 ... 03465 33963 52773 000 000	USB	(AB/Lac)
E07	18-9	1500	17452	Fri	428 1 2563 178 repeat from 2026-09-15	USB	(Lac)
E07	18-9	1520	16272	Fri	428 428 428 1 2563 178 2563 178 22306 92895 40904 ... 03465 33963 52773 000 000	USB	(AB/Lac)
E07	18-9	1520	16272	Fri	428 1 2563 178 repeat from 2026-09-15	USB	(Lac)
E07	18-9	1540	14875	Fri	428 428 428 1 2563 178 2563 178 22306 92895 40904 ... 03465 33963 52773 000 000	USB	(AB/Lac)

E07	18-9	1540	14875	Fri	428 1 2563 178 repeat from 2026-09-15	USB	(Lac)
E07	19-9	1000	18287	Sat	241 241 241 000	USB	(AB/Lac)
E07	19-9	1020	17471	Sat	241 241 241 000	USB	(AB/Lac)
E07	22-9	1500	17452	Tue	428 428 428 000	USB	(AB)
E07	22-9	1520	16272	Tue	428 428 428 000	USB	(AB)
E07	24-9	1000	18287	Thu	241 241 241 1 8372 189 8372 189 69269 75978 73213 ... 68315 98551 97876 000 000	USB	(AB/Lac)
E07	24-9	1020	17471	Thu	241 241 241 1 8372 189 8372 189 69269 75978 73213 ... 68315 98551 97876 000 000	USB	(AB/Lac)
E07	24-9	1040	16135	Thu	241 241 241 1 8372 189 8372 189 69269 75978 73213 ... 68315 98551 97876 000 000	USB	(AB/Lac)
E07	25-9	1500	17452	Fri	428 428 428 000	USB	(AB)
E07	25-9	1520	16272	Fri	428 428 428 000	USB	(AB)
E07	26-9	1000	18287	Sat	241 241 241 1 8372 189 8372 189 69269 75978 73213 ... 68315 98551 97876 000 000	USB	(AB)
E07	26-9	1020	17471	Sat	241 241 241 1 8372 189 8372 189 69269 75978 73213 ... 68315 98551 97876 000 000	USB	(AB)
E07	26-9	1040	16135	Sat	241 241 241 1 8372 189 8372 189 69269 75978 73213 ... 68315 98551 97876 000 000	USB	(AB)
E07	29-9	1500	17452	Tue	428 428 428 1 7507 73 7507 73 36107 53695 95541 ... 12643 00631 77338 000 000	USB	(AB/Lac)
E07	29-9	1520	16272	Tue	428 428 428 1 7507 73 7507 73 36107 53695 95541 ... 12643 00631 77338 000 000	USB	(AB/Lac)
E07	29-9	1540	14875	Tue	428 428 428 1 7507 73 7507 73 36107 53695 95541 ... 12643 00631 77338 000 000	USB	(AB/Lac)
E11	1-9	0645	13470	Tue	512/00 Out	USB	(AB/Lac)
E11	1-9	0700	8180	Tue	570/00 Out	USB	(AB/Lac)
E11	1-9	0715	10213	Tue	631/00 Out	USB	(AB/Lac)
E11	1-9	0745	26756	Tue	221/00 Out	USB	(AB/Lac)
E11	1-9	0845	18168	Tue	155/00 Out	USB	(AB/Lac)
E11	1-9	0930	19184	Tue	136/00 Out	USB	(AB/Lac)
E11	1-9	1000	9951	Tue	300/00 Out	USB	(AB/Lac)
E11	1-9	1205	9399	Tue	461/00 Out	USB	(AB/Lac)
E11	1-9	1430	14972	Tue	911/00 Out	USB	(AB/Lac)
E11	2-9	0600	23353	Wed	944/00 Out	USB	(AB)
E11	2-9	0745	17410	Wed	349/00 Out	USB	(AB/Lac)
E11	2-9	0820	19184	Wed	135/00 Out	USB	(AB/Lac)
E11	2-9	0845	12202	Wed	715/00 Out	USB	(AB/Lac)
E11	2-9	0900	13117	Wed	537/00 Out	USB	(AB/Lac)
E11	2-9	1045	12385	Wed	694/00 Out	USB	(AB/Lac)
E11	2-9	1205	9399	Wed	466/00 Out	USB	(Lac)
E11	2-9	1715	6923	Wed	977/00 Out	USB	(AB/Lac)
E11	3-9	0645	13470	Thu	517/00 Out	USB	(AB/Lac)
E11	3-9	0720	8423	Thu	434/00 Out	USB	(AB/Lac)
E11	3-9	0745	26756	Thu	223/00 Out	USB	(AB/Lac)
E11	3-9	0845	18168	Thu	150/00 Out	USB	(AB/Lac)
E11	3-9	1300	5371	Thu	310/00 Out	USB	(Lac)
E11	3-9	1530	10330	Thu	264/00 Out	USB	(AB/Lac)
E11	3-9	1900	7317	Thu	643/00 Out	USB	(AB/Lac)
E11	3-9	2000	5737	Thu	522/00 Out	USB	(AB/Lac)
E11	4-9	0600	8680	Fri	354/00 Out	USB	(AB/Lac)
E11	4-9	0700	8180	Fri	570/00 Out	USB	(AB/Lac)
E11	4-9	0715	10213	Fri	631/00 Out	USB	(AB/Lac)

E11	4-9	0720	8423	Fri	435/00 Out	USB	(AB/Lac)
E11	4-9	0830	20170	Fri	180/00 Out	USB	(AB/Lac)
E11	4-9	1000	9951	Fri	308/00 Out	USB	(AB)
E11	4-9	1715	6923	Fri	974/00 Out	USB	(AB)
E11	4-9	1815	11116	Fri	926/00 Out	USB	(AB)
E11	4-9	1910	8530	Fri	616/00 Out	USB	(AB)
E11	5-9	1430	14972	Sat	918/00 Out	USB	(AB/Lac)
E11	5-9	1645	4505	Sat	360/00 Out	UAB	(AB/Lac)
E11	6-9	0600	8680	Sun	358/00 Out	USB	(AB)
E11	6-9	1645	4505	Sun	366/00 Out	USB	(AB/Lac)
E11	6-9	1745	13470	Sun	242/00 Out	USB	(AB/Lac)
E11	6-9	1815	11116	Sun	920/00 Out	USB	(AB/Lac)
E11	6-9	1910	8530	Sun	611/00 Out	USB	(Lac)
E11	6-9	2000	5737	Sun	525/00 Out	USB	(AB/Lac)
E11	7-9	0315	12630	Mon	255/00 Out	USB	(AB)
E11	7-9	0600	23353	Mon	942/00 Out	USB	(AB-POL)
E11	7-9	0715	19515	Mon	755/00 Out	USB	(Lac)
E11	7-9	0745	10213	Mon	264/00 Out	USB	(AB/Lac)
E11	7-9	0830	20170	Mon	185/00 Out	USB	(AB/Lac)
E11	7-9	0845	12202	Mon	713/00 Out	USB	(AB/Lac)
E11	7-9	0900	13117	Mon	538/00 Out	USB	(AB/Lac)
E11	7-9	1045	12385	Mon	696/00 Out	USB	(Lac)
E11	7-9	1300	5371	Mon	314/00 Out	USB	(Lac)
E11	7-9	1745	13470	Mon	248/00 Out	USB	(Lac)
E11	7-9	1900	7317	Mon	649/00 Out	USB	(AB/Lac)
E11	8-9	0645	13470	Tue	518/00 Out	USB	(Lac)
E11	8-9	0700	8180	Tue	575/00 Out	USB	(Lac)
E11	8-9	0715	10213	Tue	635/00 Out	USB	(AB/Lac)
E11	8-9	0745	26756	Tue	227/00 Out	USB	(Lac)
E11	8-9	0845	18168	Tue	150/00 Out	USB	(Lac)
E11	8-9	0930	19184	Tue	136/00 Out	USB	(Lac)
E11	8-9	1205	9399	Tue	462/00 Out	USB	(Lac)
E11	8-9	1230	12530	Tue	333/00 Out	USB	(AB/Lac)
E11	8-9	1605	5176	Tue	230/00 Out	USB	(Lac)
E11	9-9	0600	23353	Wed	945/00 Out	USB	(AB)
E11	9-9	0715	19515	Wed	750/00 Out	USB	(AB/Lac)
E11	9-9	0820	19184	Wed	132/00 Out	USB	(Lac)
E11	9-9	0845	12202	Wed	713/00 Out	USB	(AB/Lac)
E11	9-9	0900	13117	Wed	530/00 Out	USB	(AB/Lac)
E11	9-9	0930	6940	Wed	278/00 Out	USB	(AB/Lac)
E11	9-9	1045	12385	Wed	696/00 Out	USB	(AB/Lac)
E11	9-9	1205	9399	Wed	461/00 Out	USB	(Lac)
E11	9-9	1610	4181	Wed	399/00 Out	USB	(AB/Lac)
E11	10-9	0645	13470	Thu	514/00 Out	USB	(AB)

E11	10-9	0745	26756	Thu	223/00 Out	USB	(Lac)
E11	10-9	0845	18168	Thu	156/00 Out	USB	(Lac)
E11	10-9	0930	6940	Thu	277/00 Out	USB	(AB/Lac)
E11	10-9	1230	12530	Thu	330/00 Out	USB	(Lac)
E11	10-9	1300	5371	Thu	311/00 Out	USB	(Lac)
E11	10-9	1530	10330	Thu	269/00 Out	USB	(AB/Lac)
E11	10-9	1900	7317	Thu	641/00 Out	USB	(AB/Lac)
E11	10-9	2000	5737	Thu	525/00 Out	USB	(AB/Lac)
E11	11-9	0700	8180	Fri	579/00 Out	USB	(AB/Lac)
E11	11-9	0715	10213	Fri	639/00 Out	USB	(AB/Lac)
E11	11-9	0830	20170	Fri	182/00 Out	USB	(AB/Lac)
E11	11-9	1815	11116	Fri	921/00 Out	USB	(AB/Lac)
E11	11-9	1910	8530	Fri	618/00 Out	USB	(AB/Lac)
E11	12-9	0700	9079	Sat	490/00 Out	USB	(AB)
E11	12-9	1610	4181	Sat	395/00 Out	USB	(AB)
E11	12-9	1645	4505	Sat	360/00 Out	UAB	(AB)
E11	13-9	0700	9079	Sun	491/00 Out	USB	(AB)
E11	13-9	1605	5176	Sun	233/00 Out	USB	(AB/Lac)
E11	13-9	1645	4505	Sun	364/00 Out	USB	(AB/Lac)
E11	13-9	1745	13470	Sun	245/00 Out	USB	(AB-IRL)
E11	13-9	1815	11116	Sun	920/00 Out	USB	(AB)
E11	13-9	1910	8530	Sun	612/00 Out	USB	(AB)
E11	13-9	2000	5737	Sun	527/00 Out	USB	(AB)
E11	14-9	0745	10213	Mon	264/00 Out	USB	(TM)
E11	14-9	0845	12202	Mon	714/00 Out	USB	(TM)
E11	14-9	1900	7317	Mon	647/00 Out	USB	(AB)
E11	15-9	0700	8180	Tue	579/00 Out	USB	(AB/Lac)
E11	15-9	0715	10213	Tue	631/00 Out	USB	(AB)
E11	15-9	0930	19184	Tue	138/00 Out	USB	(AB-POL)
E11	15-9	1000	9951	Tue	300/00 Out	USB	(AB)
E11	15-9	1205	9399	Tue	464/00 Out	USB	(AB)
E11	15-9	1230	12530	Tue	335/00 Out	USB	(AB)
E11	15-9	1430	14972	Tue	919/00 Out	USB	(AB)
E11	15-9	1605	5176	Tue	237/00 Out	USB	(AB/Lac)
E11	16-9	0315	12630	Wed	259/00 Out	USB	(AB)
E11	16-9	0645	9610	Wed	412/00 Out	USB	(AB)
E11	16-9	0745	17410	Wed	348/00 Out	USB	(AB)
E11	16-9	0820	19184	Wed	132/00 Out	USB	(AB)
E11	16-9	0845	12202	Wed	713/00 Out	USB	(AB)
E11	16-9	0930	6940	Wed	271/00 Out	USB	(AB)
E11	16-9	1205	9399	Wed	461/00 Out	USB	(AB/Lac)
E11	16-9	1610	4181	Wed	391/00 Out	USB	(AB)
E11	16-9	1715	6923	Wed	977/00 Out	USB	(AB)
E11	17-9	0720	8423	Thu	438/00 Out	USB	(AB/Lac)

E11	17-9	0745	26756	Thu	228/00 Out	USB	(AB)
E11	17-9	0930	6940	Thu	279/00 Out	USB	(AB/Lac)
E11	17-9	1230	12530	Thu	330/00 Out	USB	(AB/Lac)
E11	17-9	1530	10330	Thu	262/00 Out	USB	(AB)
E11	17-9	1900	7317	Thu	644/00 Out	USB	(AB)
E11	18-9	0600	8680	Fri	350/00 Out	USB	(AB/Lac)
E11	18-9	0700	8180	Fri	577/00 Out	USB	(AB/Lac)
E11	18-9	0715	10213	Fri	634/00 Out	USB	(AB/Lac)
E11	18-9	0720	8423	Fri	434/00 Out	USB	(AB/Lac)
E11	18-9	1000	9951	Fri	309/00 Out	USB	(AB/Lac)
E11	18-9	1020	17410	Fri	344/00 Out	USB	(AB/Lac)
E11	18-9	1715	6923	Fri	974/00 Out	USB	(AB/Lac)
E11	18-9	1815	11116	Fri	921/00 Out	USB	(AB/Lac)
E11	19-9	0700	9079	Sat	490/00 Out	USB	(AB/Lac)
E11	19-9	1430	14972	Sat	918/00 Out	USB	(AB/Lac)
E11	19-9	1610	4181	Sat	392/00 Out	USB	(AB/Lac)
E11	19-9	1645	4505	Sat	366/00 Out	UAB	(AB)
E11	20-9	0600	8680	Sun	350/00 Out	USB	(AB)
E11	20-9	0700	9079	Sun	498/00 Out	USB	(AB)
E11	20-9	1605	5176	Sun	231/00 Out	USB	(AB)
E11	20-9	1645	4505	Sun	360/00 Out	USB	(AB)
E11	20-9	1815	11116	Sun	922/00 Out	USB	(AB)
E11	21-9	0600	23353	Mon	949/00 Out	USB	(AB-POL)
E11	21-9	0645	9610	Mon	411/00 Out	USB	(AB)
E11	21-9	0715	19515	Mon	754/00 Out	USB	(AB)
E11	21-9	0745	10213	Mon	264/00 Out	USB	(TM)
E11	21-9	0830	20170	Mon	182/00 Out	USB	(AB)
E11	21-9	0845	12202	Mon	710/00 Out	USB	(TM)
E11	21-9	0900	13117	Mon	533/00 Out	USB	(TM)
E11	21-9	1045	12385	Mon	693/00 Out	USB	(AB/Lac)
E11	21-9	1300	5371	Mon	310/00 Out	USB	(AB/Lac)
E11	21-9	1745	13470	Mon	240/00 Out	USB	(AB-POL/Lac)
E11	21-9	1900	7317	Mon	641/00 Out	USB	(AB/Lac)
E11	22-9	0645	13470	Tue	519/00 Out	USB	(AB)
E11	22-9	0700	8180	Tue	570/00 Out	USB	(AB)
E11	22-9	0715	10213	Tue	634/00 Out	USB	(AB)
E11	22-9	0845	18168	Tue	150/00 Out	USB	(AB/Lac)
E11	22-9	0930	19184	Tue	131/00 Out	USB	(AB/Lac)
E11	22-9	1000	9951	Tue	308/00 Out	USB	(AB/Lac)
E11	22-9	1230	12530	Tue	330/00 Out	USB	(AB)
E11	22-9	1430	14972	Tue	914/00 Out	USB	(AB/Lac)
E11	22-9	1605	5176	Tue	230/00 Out	USB	(AB)
E11	23-9	0600	23353	Wed	940/00 Out	USB	(AB)
E11	23-9	0645	9610	Wed	412/00 Out	USB	(AB)

E11	23-9	0715	19515	Wed	754/00 Out	USB	(Lac)
E11	23-9	0745	17410	Wed	344/00 Out	USB	(AB/Lac)
E11	23-9	0820	19184	Wed	131/00 Out	USB	(AB/Lac)
E11	23-9	0845	12202	Wed	718/00 Out	USB	(AB)
E11	23-9	0900	13117	Wed	537/00 Out	USB	(AB/Lac)
E11	23-9	0930	6940	Wed	275/00 Out	USB	(AB/Lac)
E11	23-9	1045	12385	Wed	698/00 Out	USB	(AB)
E11	23-9	1610	4181	Wed	391/00 Out	USB	(AB)
E11	23-9	1715	6923	Wed	970/00 Out	USB	(AB)
E11	24-9	0645	13470	Thu	511/00 Out	USB	(AB)
E11	24-9	0720	8423	Thu	436/00 Out	USB	(AB)
E11	24-9	0845	18168	Thu	157/00 Out	USB	(AB/Lac)
E11	24-9	0930	6940	Thu	273/00 Out	USB	(AB)
E11	24-9	1230	12530	Thu	331/00 Out	USB	(AB/Lac)
E11	24-9	1300	5371	Thu	315/00 Out	USB	(AB/Lac)
E11	24-9	1530	10330	Thu	261/00 Out	USB	(AB)
E11	24-9	1900	7317	Thu	640/00 Out	USB	(AB)
E11	24-9	2000	5737	Thu	525/00 Out	USB	(AB)
E11	25-9	0600	8680	Fri	353/00 Out	USB	(AB)
E11	25-9	0700	8180	Fri	574/00 Out	USB	(AB)
E11	25-9	0715	10213	Fri	634/00 Out	USB	(AB)
E11	25-9	0720	8423	Fri	435/00 Out	USB	(AB)
E11	25-9	0830	20170	Fri	189/00 Out	USB	(AB)
E11	25-9	1000	9951	Fri	304/00 Out	USB	(AB)
E11	25-9	1020	17410	Fri	344/00 Out	USB	(AB)
E11	25-9	1715	6923	Fri	970/00 Out	USB	(AB)
E11	25-9	1910	8530	Fri	614/00 Out	USB	(AB)
E11	26-9	0700	9079	Sat	490/00 Out	USB	(AB)
E11	26-9	1430	14972	Sat	914/00 Out	USB	(AB)
E11	26-9	1610	4181	Sat	399/00 Out	USB	(AB)
E11	27-9	0600	8680	Sun	359/00 Out	USB	(AB)
E11	27-9	0700	9079	Sun	495/00 Out	USB	(AB)
E11	27-9	1605	5176	Sun	235/00 Out	USB	(AB)
E11	27-9	1745	13470	Sun	242/00 Out	USB	(AB-IRL)
E11	27-9	1910	8530	Sun	610/00 Out	USB	(AB)
E11	27-9	2000	5737	Sun	521/00 Out	USB	(AB)
E11	28-9	0600	23353	Mon	942/00 Out	USB	(AB-POL)
E11	28-9	0645	9610	Mon	410/00 Out	USB	(AB/Lac)
E11	28-9	0830	20170	Mon	181/00 Out	USB	(AB/Lac)
E11	28-9	0900	13117	Mon	536/00 Out	USB	(TM)
E11	28-9	1045	12385	Mon	697/00 Out	USB	(AB/Lac)
E11	28-9	1300	5371	Mon	316/00 Out	USB	(AB)
E11	28-9	1745	13470	Mon	249/00 Out	USB	(AB-IRL)
E11	29-9	0645	13470	Tue	510/00 Out	USB	(AB/Lac)

E11	29-9	0745	26756	Tue	220/00 Out	USB	(AB-POL/Lac)
E11	29-9	0845	18168	Tue	159/00 Out	USB	(AB-POL/Lac)
E11	29-9	1000	9951	Tue	302/00 Out	USB	(AB/Lac)
E11	29-9	1205	9399	Tue	466/00 Out	USB	(AB/Lac)
E11	29-9	1230	12530	Tue	330/00 Out	USB	(AB)
E11	29-9	1430	14972	Tue	912/00 Out	USB	(AB-POL/Lac)
E11	29-9	1605	5176	Tue	238/00 Out	USB	(AB/Lac)
E11	30-9	0600	23353	Wed	949/00 Out	USB	(AB)
E11	30-9	0645	9610	Wed	411/00 Out	USB	(AB)
E11	30-9	0745	17410	Wed	348/00 Out	USB	(AB/Lac)
E11	30-9	0900	13117	Wed	534/00 Out	USB	(AB/Lac)
E11	30-9	0930	6940	Wed	277/00 Out	USB	(AB/Lac)
E11	30-9	1045	12385	Wed	692/00 Out	USB	(AB/Lac)
E11	30-9	1205	9399	Wed	465/00 Out	USB	(AB)
E11	30-9	1610	4181	Wed	396/00 Out	USB	(AB)
E11	30-9	1715	6923	Wed	976/00 Out	USB	(AB)
E11a	1-9	1230	12530	Tue	330/38 Attention 93034 85852 22721 ... 68286 03840 18817 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	1-9	1605	5176	Tue	232/35 Attention 16061 55777 36004 ... 26646 47599 18293 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	2-9	0930	6940	Wed	279/31 Attention 89324 37179 02319 ... 70830 62011 21414 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	2-9	1610	4181	Wed	390/38 Attention 53279 24005 80945 ... 32492 53902 52606 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	3-9	0930	6940	Thu	279/31 Attention 89324 37179 02319 ... 70830 62011 21414 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	3-9	1230	12530	Thu	330/38 Attention 93034 85852 22721 ... 68286 03840 18817 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	5-9	0700	9079	Sat	495/35 Attention 17642 11170 76873 ... 77894 13133 87936 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	5-9	1610	4181	Sat	390/38 Attention 53279 24005 80945 ... 32492 53902 52606 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	6-9	0700	9079	Sun	495/35 Attention 17642 11170 76873 ... 77894 13133 87936 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	6-9	1605	5176	Sun	232/35 Attention 16061 55777 36004 ... 26646 47599 18293 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	7-9	0645	9610	Mon	413/36 Attention 13303 82986 63571 ... 48750 48297 70148 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	8-9	1000	9951	Tue	309/21 Attention 08180 87616 94199 ... 79623 18689 45983 Attention (msg rptd) Out	USB	(TM/Lac/Subilo)
E11a	8-9	1430	14972	Tue	917/39 Attention 13135 93213 07085 ... 90626 47462 73818 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	9-9	0645	9610	Wed	413/36 Attention 13303 82986 63571 ... 48750 48297 70148 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	9-9	0745	17410	Wed	343/33 Attention 37962 04184 76708 ... 34046 72895 18348 Attention (msg rptd) Out	USB	(Lac/Subilo)
E11a	9-9	1715	6923	Wed	976/37 Attention 79616 53047 86853 ... 06162 67722 70763 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	10-9	0720	8423	Thu	431/37 Attention 53642 74500 76342 ... 11268 12499 81819 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	11-9	0600	8680	Fri	351/35 Attention 87624 22435 05410 ... 56228 82926 52690 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	11-9	0720	8423	Fri	431/37 Attention 53642 74500 76342 ... 11268 12499 81819 Attention (msg rptd) Out	USB	(TM/Lac/Subilo)
E11a	11-9	1000	9951	Fri	309/21 Attention 08180 87616 94199 ... 79623 18689 45983 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	11-9	1020	17410	Fri	343/33 Attention 37962 04184 76708 ... 34046 72895 18348 Attention (msg rptd) Out	USB	(Lac/Subilo)
E11a	11-9	1715	6923	Fri	976/37 Attention 79616 53047 86853 ... 06162 67722 70763 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	12-9	1430	14972	Sat	917/39 Attention 13135 93213 07085 ... 90626 47462 73818 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	13-9	0600	8680	Sun	351/35 Attention 87624 22435 05410 ... 56228 82926 52690 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	14-9	0830	20170	Mon	182/24 Attention 80677 22048 76853 ... 47394 85102 19901 Attention (msg rptd) Out	USB	(Subilo)
E11a	14-9	0900	13117	Mon	534/31 Attention 86971 51641 28001 ... 70241 93055 34979 Attention (msg rptd) Out	USB	(TM/Subilo)
E11a	14-9	1045	12385	Mon	698/24 Attention 69284 77323 03286 ... 67761 90409 33669 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	14-9	1300	5371	Mon	310/30 Attention 58998 27712 10305 ... 89708 49686 27835 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)

E11a	14-9	1745	13470	Mon	246/37 Attention 05928 57784 90666 ... 49010 70974 46550 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	15-9	0645	13470	Tue	515/30 Attention 62696 20386 25661 ... 33269 28104 86135 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	15-9	0845	18168	Tue	159/24 Attention 47963 35789 10862 ... 96079 20909 42786 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	16-9	0600	23353	Wed	946/24 Attention 90723 68935 98110 ... 84429 26316 91870 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	16-9	0900	13117	Wed	534/31 Attention 86971 51641 28001 ... 70241 93055 34979 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	16-9	1045	12385	Wed	690/24 Attention 07997 87197 10835 ... 21075 70444 02217 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	17-9	0645	13470	Thu	515/30 Attention 62696 20386 25661 ... 33269 28104 86135 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	17-9	0845	18168	Thu	159/24 Attention 47963 35789 10862 ... 96079 20909 42786 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	17-9	1300	5371	Thu	310/30 Attention 58998 27712 10305 ... 89708 49686 27835 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	17-9	2000	5737	Thu	520/31 Attention 51968 96650 42534 ... 35769 41837 39413 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	18-9	0830	20170	Fri	182/24 Attention 80677 22048 76853 ... 47394 85102 19901 Attention (msg rptd) Out	USB	(Lac/Subilo)
E11a	18-9	1910	8530	Fri	611/38 Attention 93241 29948 62563 ... 55098 60252 03451 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	20-9	1745	13470	Sun	242/37 Attention 83606 29866 48401 ... 52026 38234 19156 Attention (msg rptd) Out	USB	(AB-IRL/Subilo)
E11a	20-9	1910	8530	Sun	611/38 Attention 93241 29948 62563 ... 55098 60252 03451 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	20-9	2000	5737	Sun	520/31 Attention 51968 96650 42534 ... 35769 41837 39413 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	21-9	0315	12630	Mon	255/35 Attention 75144 06799 11737 ... 74982 02465 98498 Attention (msg rptd) Out	USB	(Subilo)
E11a	22-9	0745	26756	Tue	225/36 Attention 71605 80064 64806 ... 39256 38323 90461 Attention (msg rptd) Out	USB	(AB-POL/Lac/Subilo)
E11a	22-9	1205	9399	Tue	466/40 Attention 95573 19700 10400 ... 06663 57827 70759 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	23-9	0315	12630	Wed	255/35 Attention 75144 06799 11737 ... 74982 02465 98498 Attention (msg rptd) Out	USB	(Subilo)
E11a	23-9	1205	9399	Wed	466/40 Attention 95573 19700 10400 ... 06663 57827 70759 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	24-9	0745	26756	Thu	225/36 Attention 71605 80064 64806 ... 39256 38323 90461 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	25-9	1815	11116	Fri	925/35 Attention 71041 80853 89129 ... 23501 80428 16503 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	26-9	1645	4505	Sat	369/39 Attention 17664 96410 39490 ... 79752 61803 78576 Attention (msg rptd) out	USB	(AB/Subilo)
E11a	27-9	1645	4505	Sun	369/39 Attention 17664 96410 39490 ... 79752 61803 78576 Attention (msg rptd) out	USB	(AB/Subilo)
E11a	27-9	1815	11116	Sun	925/35 Attention 71041 80853 89129 ... 23501 80428 16503 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	28-9	0715	19515	Mon	754/35 Attention 77587 76692 00659 ... 61737 50591 24619 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	28-9	0745	10213	Mon	266/30 Attention 27242 12713 22208 ... 01698 84998 12959 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	28-9	0845	12202	Mon	710/36 Attention 59525 91193 73262 ... 09340 65006 09902 Attention (msg rptd) Out	USB	(TM/Lac/Subilo)
E11a	28-9	1900	7317	Mon	649/35 Attention 83188 74007 83148 ... 24014 52095 59073 Attention (msg rptd) Out	USB	(AB/SUBilo)
E11a	29-9	0700	8180	Tue	570/31 Attention 24484 05911 77578 ... 05105 50320 40746 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	29-9	0715	10213	Tue	630/35 Attention 67684 35158 28051 ... 97514 42850 51037 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	29-9	0930	19184	Tue	133/35 Attention 85683 37055 28698 ... 12809 38660 41443 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	30-9	0715	19515	Wed	754/35 Attention 77587 76692 00659 ... 61737 50591 24619 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	30-9	0820	19184	Wed	133/35 Attention 85683 37055 28698 ... 12809 38660 41443 Attention (msg rptd) Out	USB	(AB-IRL/Lac/Subilo)
E11a	30-9	0845	12202	Wed	710/36 Attention 59525 91193 73262 ... 09340 65006 09902 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	30-9	0845	12202	Wed	710/36 Attention 59525 91193 73262 ... 09340 65006 09902 Attention (msg rptd) Out	USB	(Subilo)
E25	1-9	0830	6140	Tue	Carrier with music. Sherine - 3la Bali	AM	(SSD)
E25	5-9	1045	6140	Sat	Carrier with music	AM	(Flaa)
E25	5-9	1100	6140	Sat	Carrier with music	AM	(Flaa)
E25	16-9	1000	6140	Wed	Carrier with music. Fayza Ahmed - Bahebek Ya Masr. Unusual music for this slot `	AM	(qsr711)
E25	17-9	0900	6140	Thu	Carrier with music. Amr Diab - Betwashny. Unusual music for this slot	AM	(qsr711)
E25	17-9	1100	6140	Thu	Carrier with music. Sabah - Ashka We Meskena	AM	(qsr711)
E25	19-9	1030	6140	Sat	Carrier with music. Oum Kulthum - El Hob Koloh	AM	(qsr711)

E25	19-9	1030	6140	Sat	Carrier with music. Shaimaa ElShayeb - Aw3dk	AM	(qsr711)
E25	20-9	0700	6140	Sun	Carrier with music. Sherine - Btamenak (Bi Kelma Menak). Music off 703z, carrier left on.	AM	(qsr711/Subilo)
E25	20-9	0731	6140	Sun	Carrier with 2xwin7 sounds followed by music. Shaimaa Elshayeb - Baeed Anak. Music off 738z, carrier off 803z	AM	(qsr711/Subilo)
E25	20-9	0830	6140	Sun	Carrier with music. Bahaa Sultan – Ehlef. Music off 834z, carrier left on.	AM	(qsr711/Subilo)
E25	20-9	0926	6140	Sun	Carrier with 2x win7 sounds followed by music. Mohamed Mohy - Etkallem Alaya. Music off 931z, carrier left on.	AM	(qsr711/Subilo)
E25	20-9	1000	6140	Sun	Carrier with 2x win7 sounds followed. by music. Amr Diab - Betghany Le Min. Music off 1004z, carrier left on.	AM	(qsr711/Subilo)
E25	20-9	1030	6140	Sun	Carrier with music. Oum Kulthum - Alf Lela We Lela. Music abruptly ends 1053z with transmitter shutdown.	AM	(qsr711/Subilo)
E25	21-9	0630	6140	Mon	Carrier on 623z, with music at 630z. Hussain Al Jassmi - Ghali. Music off 0633z, carrier left on. New slot!	AM	(qsr711/Subilo)
E25	21-9	0658	6140	Mon	Carrier with music. Sherine - El Qamas (Radio Edit). Music off 0701z, carrier left on.	AM	(qsr711/Subilo)
E25	21-9	0830	6140	Mon	Carrier with music. Abdel Halim Hafez - Ay Dama'et Hozn La. Music off 0922z, carrier left on.	AM	(qsr711/Subilo)
E25	21-9	0959	6140	Mon	Carrier with 2x win7 sounds followed by music. Amr Diab - Enta Yally. Music off 1004z, carrier left on.	AM	(qsr711/Subilo)
E25	21-9	1021	6140	Mon	Late start, 1015z exected): Carrier with 16x win7 sounds followed by music. Bahaa Sultan - Ya Hagerny. Music suddenly ends 1023z, carrier left on.	AM	(qsr711/Subilo)
E25	21-9	1029	6140	Mon	Carrier with music. Angham - Omry Maak. Music suddenly ends 1033z with transmitter shutdown. (qsr711, Subilo)	AM	(qsr711/Subilo)
E25	22-9	0614	6140	Tue	Carrier with music. Oum Kulthum - Enta Omri and other pieces with strong reverberation. Ends abruptly at 713z, followed by the next slot's song.	AM	(qsr711/Subilo)
E25	22-9	0713	6140	Tue	Following Oum Kulthum, Bahaa Sultan - Ya Tara is played. Music off at 720z, carrier left on.	AM	(qsr711/Subilo)
E25	22-9	0815	6140	Tue	Win7 logoff sound	AM	(qsr711/Subilo)
E25	22-9	0829	6140	Tue	Win7 logon sound followed by 2x nav start sounds, followed by music. Sherine - 3La Bali. Music off at 834z, carrier left on until 841z. Carrier up again at 843z and left on.	AM	(qsr711/Subilo)
E25	22-9	1015	6140	Tue	Win7 logoff sound	AM	(Subilo)
E25	22-9	1029	6140	Tue	Win7 logon sound followed by 2x nav start sounds, followed by music. Amr Diab - Wala El Layali Tehon. Music off at 1032z, carrier left on.	AM	(qsr711/Subilo)
E25	22-9	1045	6140	Tue	2x win7 nav start sounds followed by music. Abdel Halim Hafez - Ahdan El Habayeb. Ends abruptly at 1059z, followed by next slot's piece.	AM	(qsr711/Subilo)
E25	22-9	1100	6140	Tue	2x win7 nav start sounds followed by music. Fairuz - Asameena. Ends abruptly at 1104z with transmitter shutdown.	AM	(qsr711/Subilo)
E25	22-9	1209	6140	Tue	Carrier up for ~20s. Nothing sent.	AM	(qsr711/Subilo)
E25	26-9	1100	6140	Sat	Carrier with music.	AM	(Flaa)
E25	27-9	1030	6140	Sun	Carrier with music. Oum Kulthum - Alf Lela We Lela	AM	(qsr711)
E25	28-9	0830	6140	Mon	Carrier with music. Abdel Halim Hafez - Ay Dama'et Hozn La. Ends abruptly at 837z with tx shutdown	AM	(qsr711/Subilo)
E25	28-9	1000	6140	Mon	Carrier with music. Amr Diab - Enta Yally. Ends 1005z, transmitter left on	AM	(qsr711/Subilo)
E25	28-9	1015	6140	Mon	2x win7 nav start sounds followed by music. Bahaa Sultan - Ya Hagerny. Ends 1021z, transmitter left on	AM	(qsr711/Subilo)
E25	28-9	1038	6140	Mon	1x win7 nav start followed by music. Angham – Omry Maak. Ends 1041z, tx left on until	AM	(qsr711/Subilo)

					1130z		
E25	29-9	0715	6140	Tue	Carrier with music. Bahaa Sultan - Ya Tara. Music off 0721z, carrier off 0726z	AM	(qsr711/Subilo)
E25	29-9	0829	6140	Tue	Carrier with music. Sherine - 3La Bali. Music off 0833z, carrier off 0847z	AM	(qsr711/Subilo)
E25	29-9	0851	6140	Tue	Carrier with music. Sherine - 3La Bali. Ends abruptly with tx shutdown at 0853. This song is usually sent Sunday 0700z, mistake?	AM	(qsr711/Subilo)
E25	29-9	1140	6140	Tue	Carrier with win7 startup sound, followed by music at 1142z. Oum Kulthum - Enta Omri and other pieces with strong reverberation, again out of schedule. Ends abruptly 1151z, carrier off 1156z.	AM	(qsr711/Subilo)
E25	29-9	1230	6140	Tue	Carrier up (late time!), our recording ends 1232z, unknown if further activity happened.	AM	(qsr711/Subilo)
E25	30-9	0830	6140	Wed	Carrier up with music. Mouhamed Fawzy - Tir Bina Ya Qalby. Ends 0835z, followed by tx shutdown	AM	(qsr711/Subilo)
E25	30-9	1000	6140	Wed	Carrier with music. Amr Diab - Alby. Music ends 1005z, carrier off at 1047z	AM	(qsr711/Subilo)
EGY	1-9	0500	17426.7	Tue	MFA Cairo clg OOVp: Egyptian embassy Islamabad on and of for 40 mins	SITOR-A 100/170	(AB)
EGY	1-9	0542	17426.7	Tue	MFA Cairo clg TVQX: Egyptian embassy Tehran at 0543z followed by idle SITOR-B for 1 minute	SITOR-A 100/170	(AB)
EGY	10-9	1310	19666	Thu	Egyptian diplo i.p.	CODAN	(AB)
EGY	19-9	0934	18051.7	Sat	Egyptian diplo i.p. Off at 0936z	SITOR-A 100/170	(AB)
EGY	19-9	0938	18051.7	Sat	MFA Cairo clg KXXI: Egyptian embassy Asmara	SITOR-A 100/170	(AB)
EGY	19-9	0947	18050	Sat	99904: MFA Cairo wkg 33315: Egyptian embassy Asmara	CODAN	(AB)
F01	1-9	1015	9128	Tue	Messages 30 and 31	FSK 200/500	(AB-RUS)
F01	1-9	1025	7546	Tue	Messages 30 and 31	FSK 200/500	(AB-POL)
F01	1-9	1035	5113	Tue	Messages 30 and 31	FSK 200/500	(AB-FIN)
F01	2-9	1015	9128	Wed	Message 32	FSK 200/500	(AB-RUS)
F01	2-9	1025	7546	Wed	Message 32	FSK 200/500	(AB-POL)
F01	2-9	1035	5113	Wed	Message 32	FSK 200/500	(AB-FIN)
F01	3-9	1015	9128	Thu	Messages 33 and 34	FSK 200/500	(AB-RUS)
F01	3-9	1025	7546	Thu	Messages 33 and 34	FSK 200/500	(AB-POL)
F01	3-9	1035	5113	Thu	Messages 33 and 34	FSK 200/500	(AB-FIN)
F01	4-9	1015	9128	Fri	00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	4-9	1025	7546	Fri	00000 +++++ +++++	FSK 200/500	(AB-POL)
F01	4-9	1035	5113	Fri	00000 +++++ +++++	FSK 200/500	(AB-FIN)
F01	8-9	1015	9128	Tue	Messages 36 and 37	FSK 200/500	(Subilo)
F01	8-9	1025	7546	Tue	Messages 36 and 37	FSK 200/500	(Subilo)
F01	8-9	1035	5113	Tue	Messages 36 and 37	FSK 200/500	(Subilo)
F01	9-9	1015	9128	Wed	Message 38	FSK 200/500	(Subilo)
F01	9-9	1025	7546	Wed	Message 38	FSK 200/500	(Subilo)
F01	9-9	1035	5113	Wed	Message 38	FSK 200/500	(Subilo)
F01	10-9	1015	9128	Thu	Messages 39 and 40	FSK 200/500	(Subilo)
F01	10-9	1025	7546	Thu	Messages 39 and 40	FSK 200/500	(Subilo)
F01	10-9	1035	5113	Thu	Messages 39 and 40	FSK 200/500	(Subilo)
F01	11-9	1015	9128	Fri	00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	11-9	1025	7546	Fri	00000 +++++ +++++	FSK 200/500	(AB-POL)
F01	11-9	1035	5113	Fri	00000 +++++ +++++	FSK 200/500	(AB-FIN)
F01	14-9	1015	9128	Mon	Message 41	FSK 200/500	(AB-RUS)
F01	14-9	1025	7546	Mon	Message 41	FSK 200/500	(AB-POL)

F01	14-9	1035	5113	Mon	Message 41	FSK 200/500	(AB-FIN)
F01	15-9	1015	9128	Tue	Messages 42 and 43	FSK 200/500	(AB-RUS)
F01	15-9	1025	7546	Tue	Messages 42 and 43	FSK 200/500	(AB-RUS)
F01	15-9	1035	5113	Tue	Messages 42 and 43	FSK 200/500	(AB-FIN)
F01	16-9	1015	9128	Wed	Message 44	FSK 200/500	(AB-RUS)
F01	16-9	1025	7546	Wed	Message 44	FSK 200/500	(AB-POL)
F01	16-9	1035	5113	Wed	Message 44	FSK 200/500	(AB-FIN)
F01	17-9	1015	9128	Thu	Messages 45 and 46	FSK 200/500	(AB-RUS)
F01	17-9	1025	7546	Thu	Messages 45 and 46	FSK 200/500	(AB-POL)
F01	17-9	1035	5113	Thu	Messages 45 and 46	FSK 200/500	(AB-FIN)
F01	18-9	1015	9128	Fri	00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	18-9	1025	7546	Fri	00000 +++++ +++++	FSK 200/500	(AB-POL)
F01	18-9	1035	5113	Fri	00000 +++++ +++++	FSK 200/500	(AB-FIN)
F01	21-9	1015	9128	Mon	Message 47	FSK 200/500	(AB-RUS)
F01	21-9	1025	7546	Mon	Message 47	FSK 200/500	(AB-POL)
F01	21-9	1035	5113	Mon	Message 47	FSK 200/500	(AB-FIN)
F01	22-9	1015	9128	Tue	Messages 48 and 49	FSK 200/500	(AB-RUS)
F01	22-9	1025	7546	Tue	Messages 48 and 49	FSK 200/500	(AB-RUS)
F01	22-9	1035	5113	Tue	Messages 48 and 49	FSK 200/500	(AB-FIN)
F01	23-9	1015	9128	Wed	Message 50	FSK 200/500	(AB-RUS)
F01	23-9	1025	7546	Wed	Message 50	FSK 200/500	(AB-POL)
F01	23-9	1035	5113	Wed	Message 50	FSK 200/500	(AB-FIN)
F01	24-9	1015	9128	Thu	Messages 51 and 52	FSK 200/500	(AB-RUS)
F01	24-9	1025	7546	Thu	Messages 51 and 52	FSK 200/500	(AB-POL)
F01	24-9	1035	5113	Thu	Messages 51 and 52	FSK 200/500	(AB-FIN)
F01	25-9	1015	9128	Fri	00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	25-9	1025	7546	Fri	00000 +++++ +++++	FSK 200/500	(AB-POL)
F01	25-9	1035	5113	Fri	00000 +++++ +++++	FSK 200/500	(AB-FIN)
F01	28-9	1015	9128	Mon	Message 53	FSK 200/500	(AB-RUS)
F01	28-9	1025	7546	Mon	Message 53	FSK 200/500	(AB-POL)
F01	28-9	1035	5113	Mon	Message 53	FSK 200/500	(AB-FIN)
F01	29-9	1015	9128	Tue	Messages 54 and 55	FSK 200/500	(AB-RUS)
F01	29-9	1025	7546	Tue	Messages 54 and 55	FSK 200/500	(AB-RUS)
F01	29-9	1035	5113	Tue	Messages 54 and 55	FSK 200/500	(AB-FIN)
F01	30-9	1015	9128	Wed	Message 56	FSK 200/500	(AB-RUS)
F01	30-9	1025	7546	Wed	Message 56	FSK 200/500	(AB-POL)
F01	30-9	1035	5113	Wed	Message 56	FSK 200/500	(AB-FIN)
F02	15-9	0800	14983	Tue	Russian domestic net	MFSK-4 150Bd/4000Hz	(AB)
F02	15-9	0810	13883	Tue	Russian domestic net	MFSK-4 150Bd/4000Hz	(AB)
F02	15-9	0820	12143	Tue	Russian domestic net	MFSK-4 150Bd/4000Hz	(AB)
F02	22-9	0800	14983	Tue	Russian domestic net	MFSK-4 150Bd/4000Hz	(AB)
F02	29-9	0800	14983	Tue	Russian domestic net	MFSK-4 150Bd/4000Hz	(AB)
F02	29-9	0810	13883	Tue	Russian domestic net	MFSK-4 150Bd/4000Hz	(AB)
F02	29-9	0820	12143	Tue	Russian domestic net	MFSK-4 150Bd/4000Hz	(AB)

F03j	1-9	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-9	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-9	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-9	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-9	0530	20586	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	2-9	0535	20586	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	2-9	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	2-9	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	3-9	0615	11559	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-9	0620	11559	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-9	0635	21854	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-9	0640	21854	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-9	0835	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-9	0840	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-9	0700	8545	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-9	0705	8545	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-9	0810	20586	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-9	0815	20586	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-9	0850	13046	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-9	0855	13046	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-9	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-9	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-9	0530	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	7-9	0535	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	7-9	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	7-9	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	7-9	0810	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-9	0815	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-9	0615	11559	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-9	0620	11559	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-9	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	9-9	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10-9	0615	11559	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-9	0620	11559	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-9	0635	21854	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-9	0640	21854	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-9	0700	8545	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-9	0705	8545	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-9	1030	10800	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-9	1030	10800	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-9	0615	11559	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-9	0620	11559	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-9	0635	21854	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-9	0640	21854	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	15-9	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-9	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-9	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-9	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-9	0530	20586	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-9	0535	20586	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-9	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-9	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-9	1030	10800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-9	1030	10800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-9	0615	11559	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-9	0620	11559	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-9	0635	21854	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-9	0640	21854	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-9	0700	8545	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-9	0705	8545	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-9	0835	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-9	0840	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-9	0700	8545	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-9	0705	8545	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-9	0810	20586	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-9	0815	20586	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-9	0850	13046	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-9	0855	13046	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-9	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-9	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-9	0530	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-9	0535	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-9	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-9	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-9	0810	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-9	0815	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	21-9	1030	10800	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-9	1030	10800	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-9	0615	11559	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-9	0620	11559	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-9	0635	21854	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-9	0640	21854	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-9	0810	13046	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-9	0815	13046	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-9	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-9	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-9	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-9	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	23-9	0530	20586	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-9	0535	20586	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-9	0630	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-9	0635	19515	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-9	1030	10800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-9	1030	10800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-9	0430	23060	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	24-9	0435	23060	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	24-9	0615	11559	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-9	0620	11559	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-9	0635	21854	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-9	0640	21854	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-9	0700	8545	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-9	0705	8545	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-9	0835	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-9	0840	18030	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-9	0700	8545	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-9	0705	8545	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-9	0810	20586	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-9	0815	20586	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-9	0850	13046	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-9	0855	13046	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-9	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-9	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-9	0530	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	28-9	0535	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	28-9	0630	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	28-9	0635	19515	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	28-9	0810	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	28-9	0815	20586	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	28-9	1030	10800	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-9	1030	10800	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-9	0615	11559	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-9	0620	11559	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-9	0635	21854	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-9	0640	21854	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-9	0810	13046	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-9	0815	13046	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-9	0835	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-9	0840	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-9	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-9	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-9	0530	20586	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	30-9	0535	20586	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)

F03j	30-9	1030	10800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-9	1030	10800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03l	1-9	0725	13873	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	1-9	0730	13873	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	1-9	0920	18030	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	1-9	0925	18030	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	2-9	0615	18978	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03l	2-9	0620	18978	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03l	2-9	0655	10487	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	2-9	0800	18030	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03l	2-9	0805	18030	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03l	2-9	0915	6849	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	2-9	0920	6849	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	2-9	0950	10487	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	2-9	1010	12153	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	2-9	1015	12153	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	2-9	1315	15915	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	2-9	1320	15915	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	3-9	0725	13873	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	3-9	0730	13873	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	3-9	0735	10641	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	3-9	0740	10641	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	3-9	0915	6849	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	3-9	0920	6849	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	3-9	1830	7798	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	3-9	1835	7798	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	4-9	0930	6397	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	4-9	0935	6397	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	4-9	1315	15915	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	4-9	1320	15915	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	7-9	0615	18978	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03l	7-9	0620	18978	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03l	7-9	0735	10641	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	7-9	0740	10641	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	7-9	1830	7798	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	7-9	1835	7798	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	9-9	0615	18978	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03l	9-9	0620	18978	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03l	10-9	0725	13873	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	10-9	0730	13873	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	10-9	0735	10641	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	10-9	0740	10641	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	10-9	1830	7798	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03l	10-9	1835	7798	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)

F03I	11-9	1315	15915	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	11-9	1320	15915	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	14-9	0655	10487	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	14-9	0930	6397	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	14-9	0935	6397	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	14-9	0950	10487	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	14-9	1010	12153	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	14-9	1015	12153	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	14-9	1830	7798	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	14-9	1835	7798	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	15-9	0725	13873	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	15-9	0730	13873	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	15-9	0920	18030	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	15-9	0925	18030	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	16-9	0615	18978	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	16-9	0620	18978	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	16-9	0655	10487	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	16-9	0800	18030	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	16-9	0805	18030	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	16-9	0915	6849	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	16-9	0920	6849	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	16-9	0950	10487	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	16-9	1010	12153	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	16-9	1015	12153	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	16-9	1315	15915	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	16-9	1320	15915	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	17-9	0725	13873	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	17-9	0730	13873	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	17-9	0735	10641	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	17-9	0740	10641	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	17-9	0915	6849	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	17-9	0920	6849	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	17-9	1830	7798	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	17-9	1835	7798	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	18-9	0930	6397	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	18-9	0935	6397	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	18-9	1315	15915	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	18-9	1320	15915	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	21-9	0615	18978	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	21-9	0620	18978	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	21-9	0655	10487	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	21-9	0735	10641	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	21-9	0740	10641	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	21-9	0930	6397	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)

F03I	21-9	0935	6397	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	21-9	0950	10487	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	21-9	1010	12153	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	21-9	1015	12153	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	21-9	1830	7798	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	21-9	1835	7798	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	22-9	0725	13873	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	22-9	0730	13873	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	22-9	0920	18030	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	22-9	0925	18030	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	23-9	0615	18978	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	23-9	0620	18978	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	23-9	0655	10487	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	23-9	0800	18030	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	23-9	0805	18030	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	23-9	0915	6849	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	23-9	0920	6849	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	23-9	0950	10487	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	23-9	1010	12153	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	23-9	1015	12153	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	23-9	1315	15915	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	23-9	1320	15915	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	24-9	0725	13873	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	24-9	0730	13873	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	24-9	0735	10641	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	24-9	0740	10641	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	24-9	0915	6849	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	24-9	0920	6849	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	24-9	1830	7798	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	24-9	1835	7798	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	25-9	0930	6397	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	25-9	0935	6397	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	25-9	1315	15915	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	25-9	1320	15915	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	28-9	0615	18978	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	28-9	0620	18978	Mon	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	28-9	0655	10487	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	28-9	0735	10641	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	28-9	0740	10641	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	28-9	0930	6397	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	28-9	0935	6397	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	28-9	0950	10487	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	28-9	1010	12153	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	28-9	1015	12153	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)

F03I	28-9	1830	7798	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	28-9	1835	7798	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	29-9	0725	13873	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	29-9	0730	13873	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	29-9	0920	18030	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	29-9	0925	18030	Tue	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	30-9	0615	18978	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	30-9	0620	18978	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	30-9	0655	10487	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	30-9	0800	18030	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	30-9	0805	18030	Wed	Polish intel.	QPSK 100Bd/464bp	(AB-POL)
F03I	30-9	0915	6849	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	30-9	0920	6849	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	30-9	0950	10487	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	30-9	1010	12153	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	30-9	1015	12153	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	30-9	1315	15915	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F03I	30-9	1320	15915	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
F06	1-9	0030	11405	Tue	11166 60070 25843 01001 00049 00000 00000 00000 00000	FSK 200/1000	(TM)
F06	1-9	0040	8080	Tue	11166 60070 25843 01001 00049 00000 00000 00000 00000	FSK 200/1000	(TM)
F06	1-9	0050	7366	Tue	11166 60070 25843 01001 00049 00000 00000 00000 00000	FSK 200/1000	(TM)
F06	1-9	0700	8183	Tue	11166 70202 24861 31033 01659 and 11166 70202 14697 31034 01839	FSK 200/1000	(AB-RUS)
F06	1-9	0710	6839	Tue	11166 70202 24861 31033 01659 and 11166 70202 14697 31034 01839	FSK 200/1000	(AB-RUS)
F06	1-9	0720	5264	Tue	11166 70202 24861 31033 01659 and 11166 70202 14697 31034 01839	FSK 200/1000	(AB-RUS)
F06	1-9	0800	9362	Tue	11100 00000 63571 28059 01119	FSK 200/1000	(AB-RUS)
F06	1-9	0810	7984	Tue	11100 00000 63571 28059 01119	FSK 200/1000	(AB-RUS)
F06	1-9	0820	6802	Tue	11100 00000 63571 28059 01119	FSK 200/1000	(AB-RUS)
F06	1-9	1200	9188	Tue	11166 70202 24861 31033 01659 and 11166 70202 14697 31034 01839	FSK 200/1000	(AB-RUS)
F06	1-9	1210	7673	Tue	11166 70202 24861 31033 01659 and 11166 70202 14697 31034 01839	FSK 200/1000	(AB-RUS)
F06	1-9	1220	5872	Tue	11166 70202 24861 31033 01659 and 11166 70202 14697 31034 01839	FSK 200/1000	(AB-RUS)
F06	1-9	1650	9351	Tue	11166 10053 15792 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-IRL)
F06	1-9	1700	18517	Tue	11166 10053 15792 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	1-9	1710	13527	Tue	11166 10053 15792 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-9	0700	8183	Thu	11166 70202 53691 02036 01739 and 11166 70202 45978 02037 01959	FSK 200/1000	(AB-RUS)
F06	3-9	0710	6839	Thu	11166 70202 53691 02036 01739 and 11166 70202 45978 02037 01959	FSK 200/1000	(AB-RUS)
F06	3-9	0720	5264	Thu	11166 70202 53691 02036 01739 and 11166 70202 45978 02037 01959	FSK 200/1000	(AB-RUS)
F06	3-9	1200	9188	Thu	11166 70202 53691 02036 01739 and 11166 70202 45978 02037 01959	FSK 200/1000	(AB-RUS)
F06	3-9	1210	7673	Thu	11166 70202 53691 02036 01739 and 11166 70202 45978 02037 01959	FSK 200/1000	(AB-RUS)
F06	3-9	1220	5872	Thu	11166 70202 53691 02036 01739 and 11166 70202 45978 02037 01959	FSK 200/1000	(AB-RUS)
F06	4-9	0700	8183	Fri	11166 70202 25413 04055 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	4-9	0710	6839	Fri	11166 70202 25413 04055 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	4-9	0720	5264	Fri	11166 70202 25413 04055 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	6-9	1530	20931	Sun	11166 10053 25813 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-9	1540	19219	Sun	11166 10053 25813 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	6-9	1550	14389	Sun	11166 10053 25813 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-9	0800	9362	Mon	11100 00000 37852 04060 02259	FSK 200/1000	(AB-RUS)
F06	7-9	0810	7984	Mon	11100 00000 37852 04060 02259	FSK 200/1000	(AB-RUS)
F06	7-9	0820	6802	Mon	11100 00000 37852 04060 02259	FSK 200/1000	(AB-RUS)
F06	8-9	0030	11405	Tue	11166 60070 79462 08001 00049 00000 00000 00000 00000	FSK 200/1000	(TM)
F06	8-9	0040	8080	Tue	11166 60070 79462 08001 00049 00000 00000 00000 00000	FSK 200/1000	(TM)
F06	8-9	0050	7366	Tue	11166 60070 79462 08001 00049 00000 00000 00000 00000	FSK 200/1000	(TM)
F06	8-9	0800	9362	Tue	11100 00000 37852 04060 02259	FSK 200/1000	(AB-RUS)
F06	8-9	0800	9362	Tue	11100 00000 37852 04060 02259	FSK 200/1000	(AB-RUS)
F06	8-9	0810	7984	Tue	11100 00000 37852 04060 02259	FSK 200/1000	(AB-RUS)
F06	8-9	0810	7984	Tue	11100 00000 37852 04060 02259	FSK 200/1000	(AB-RUS)
F06	8-9	0820	6802	Tue	11100 00000 37852 04060 02259	FSK 200/1000	(AB-RUS)
F06	8-9	0820	6802	Tue	11100 00000 37852 04060 02259	FSK 200/1000	(AB-RUS)
F06	10-9	0700	8183	Thu	11166 70202 59263 09042 01779 (2nd header unreadable)	FSK 200/1000	(AB-RUS)
F06	10-9	0710	6839	Thu	too weak to copy	FSK 200/1000	(AB-RUS)
F06	10-9	0720	5264	Thu	too weak to copy	FSK 200/1000	(AB-RUS)
F06	13-9	1530	20931	Sun	11166 10053 59741 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-9	1540	19219	Sun	11166 10053 59741 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-9	1550	14389	Sun	11166 10053 59741 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-9	0800	9362	Mon	11100 00000 73652 11061 01959	FSK 200/1000	(AB-RUS)
F06	14-9	0810	7984	Mon	11100 00000 73652 11061 01959	FSK 200/1000	(AB-RUS)
F06	14-9	0820	6802	Mon	11100 00000 73652 11061 01959	FSK 200/1000	(AB-RUS)
F06	15-9	0030	11405	Tue	11166 60070 25841 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-9	0040	8080	Tue	11166 60070 25841 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-9	0050	7366	Tue	11166 60070 25841 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-9	0700	8183	Tue	11166 70202 15973 14045 01799 and 11166 70202 35719 14046 01859	FSK 200/1000	(AB-RUS)
F06	15-9	0710	6839	Tue	11166 70202 15973 14045 01799 and 11166 70202 35719 14046 01859	FSK 200/1000	(AB-RUS)
F06	15-9	0720	5264	Tue	11166 70202 15973 14045 01799 and 11166 70202 35719 14046 01859	FSK 200/1000	(AB-RUS)
F06	15-9	0800	9362	Tue	11100 00000 73652 11061 01959	FSK 200/1000	(AB-RUS)
F06	15-9	0810	7984	Tue	11100 00000 73652 11061 01959	FSK 200/1000	(AB-RUS)
F06	15-9	0820	6802	Tue	11100 00000 73652 11061 01959	FSK 200/1000	(AB-RUS)
F06	15-9	1200	9188	Tue	11166 70202 15973 14045 01799 and 11166 70202 35719 14046 01859	FSK 200/1000	(AB-RUS)
F06	15-9	1210	7673	Tue	11166 70202 15973 14045 01799 and 11166 70202 35719 14046 01859	FSK 200/1000	(AB-RUS)
F06	15-9	1220	5872	Tue	11166 70202 15973 14045 01799 and 11166 70202 35719 14046 01859	FSK 200/1000	(AB-RUS)
F06	15-9	1650	19351	Tue	11166 10053 58394 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-IRL)
F06	15-9	1700	18517	Tue	11166 10053 58394 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-9	1710	13527	Tue	11166 10053 58394 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-9	0700	8183	Thu	11166 70202 40351 16048 01979 and 11166 70202 94386 16049 01659	FSK 200/1000	(AB-RUS)
F06	17-9	0710	6839	Thu	11166 70202 40351 16048 01979 and 11166 70202 94386 16049 01659	FSK 200/1000	(AB-RUS)
F06	17-9	0720	5264	Thu	11166 70202 40351 16048 01979 and 11166 70202 94386 16049 01659	FSK 200/1000	(AB-RUS)
F06	17-9	1200	9188	Thu	11166 70202 40351 16048 01979 and 11166 70202 94386 16049 01659	FSK 200/1000	(AB-RUS)
F06	17-9	1210	7673	Thu	11166 70202 40351 16048 01979 and 11166 70202 94386 16049 01659	FSK 200/1000	(AB-RUS)
F06	17-9	1220	5872	Thu	11166 70202 40351 16048 01979 and 11166 70202 94386 16049 01659	FSK 200/1000	(AB-RUS)
F06	18-9	0700	8183	Fri	11166 70202 18745 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)

F06	18-9	0710	6839	Fri	11166 70202 18745 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	18-9	0720	5264	Fri	11166 70202 18745 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	20-9	1530	20931	Sun	11166 10053 48625 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-9	1540	19219	Sun	11166 10053 48625 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-9	1550	14389	Sun	11166 10053 48625 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-9	0800	9362	Mon	11100 00000 25874 21062 01739	FSK 200/1000	(AB-RUS)
F06	21-9	0810	7984	Mon	11100 00000 25874 21062 01739	FSK 200/1000	(AB-RUS)
F06	21-9	0820	6802	Mon	11100 00000 25874 21062 01739	FSK 200/1000	(AB-RUS)
F06	22-9	0030	11405	Tue	11166 60070 15842 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-9	0040	8080	Tue	11166 60070 15842 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-9	0050	7366	Tue	11166 60070 15842 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-9	0700	8183	Tue	11166 70202 53698 21051 01199 and 11166 70202 05214 21052 02079	FSK 200/1000	(AB-RUS)
F06	22-9	0710	6839	Tue	11166 70202 53698 21051 01199 and 11166 70202 05214 21052 02079	FSK 200/1000	(AB-RUS)
F06	22-9	0720	5264	Tue	11166 70202 53698 21051 01199 and 11166 70202 05214 21052 02079	FSK 200/1000	(AB-RUS)
F06	22-9	0800	9362	Tue	11100 00000 25874 21062 01739	FSK 200/1000	(AB-RUS)
F06	22-9	0810	7984	Tue	11100 00000 25874 21062 01739	FSK 200/1000	(AB-RUS)
F06	22-9	0820	6802	Tue	11100 00000 25874 21062 01739	FSK 200/1000	(AB-RUS)
F06	22-9	1200	9188	Tue	11166 70202 53698 21051 01199 and 11166 70202 05214 21052 02079	FSK 200/1000	(AB-RUS)
F06	22-9	1210	7673	Tue	11166 70202 53698 21051 01199 and 11166 70202 05214 21052 02079	FSK 200/1000	(AB-RUS)
F06	22-9	1220	5872	Tue	11166 70202 53698 21051 01199 and 11166 70202 05214 21052 02079	FSK 200/1000	(AB-RUS)
F06	22-9	1650	19351	Tue	11166 10053 25784 22453 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-9	1700	18517	Tue	11166 10053 25784 22453 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-9	1710	13527	Tue	11166 10053 25784 22453 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-9	0700	8183	Thu	11166 70202 96352 23054 01759 and 11166 70202 48157 23055 01659	FSK 200/1000	(AB-RUS)
F06	24-9	0710	6839	Thu	11166 70202 96352 23054 01759 and 11166 70202 48157 23055 01659	FSK 200/1000	(AB-RUS)
F06	24-9	0720	5264	Thu	11166 70202 96352 23054 01759 and 11166 70202 48157 23055 01659	FSK 200/1000	(AB-RUS)
F06	24-9	1200	9188	Thu	11166 70202 96352 23054 01759 and 11166 70202 48157 23055 01659	FSK 200/1000	(AB-RUS)
F06	24-9	1210	7673	Thu	11166 70202 96352 23054 01759 and 11166 70202 48157 23055 01659	FSK 200/1000	(AB-RUS)
F06	24-9	1220	5872	Thu	11166 70202 96352 23054 01759 and 11166 70202 48157 23055 01659	FSK 200/1000	(AB-RUS)
F06	25-9	0700	8183	Fri	11166 70202 57834 25073 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	25-9	0710	6839	Fri	11166 70202 57834 25073 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	25-9	0720	5264	Fri	11166 70202 57834 25073 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	27-9	1530	20931	Sun	11166 10053 62485 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-9	1540	19219	Sun	11166 10053 62485 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-9	1550	14389	Sun	11166 10053 62485 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	28-9	0800	9362	Mon	11100 00000 63589 25063 01019	FSK 200/1000	(AB-RUS)
F06	28-9	0810	7984	Mon	11100 00000 63589 25063 01019	FSK 200/1000	(AB-RUS)
F06	28-9	0820	6802	Mon	11100 00000 63589 25063 01019	FSK 200/1000	(AB-RUS)
F06	29-9	0030	11405	Tue	Too weak to decode	FSK 200/1000	(AB)
F06	29-9	0040	8080	Tue	Too weak to decode	FSK 200/1000	(AB)
F06	29-9	0050	7366	Tue	Too weak to decode	FSK 200/1000	(AB)
F06	29-9	0700	8183	Tue	11166 70202 64839 28057 01779 and 11166 70202 17948 28058 01839	FSK 200/1000	(AB-RUS)
F06	29-9	0710	6839	Tue	11166 70202 64839 28057 01779 and 11166 70202 17948 28058 01839	FSK 200/1000	(AB-RUS)
F06	29-9	0720	5264	Tue	11166 70202 64839 28057 01779 and 11166 70202 17948 28058 01839	FSK 200/1000	(AB-RUS)

F06	29-9	0800	9362	Tue	11100 00000 63589 25063 01019	FSK 200/1000	(AB-RUS)
F06	29-9	0810	7984	Tue	11100 00000 63589 25063 01019	FSK 200/1000	(AB-RUS)
F06	29-9	0820	6802	Tue	11100 00000 63589 25063 01019	FSK 200/1000	(AB-RUS)
F06	29-9	1200	9188	Tue	11166 70202 64839 28057 01779 and 11166 70202 17948 28058 01839	FSK 200/1000	(AB-RUS)
F06	29-9	1210	7673	Tue	11166 70202 64839 28057 01779 and 11166 70202 17948 28058 01839	FSK 200/1000	(AB-RUS)
F06	29-9	1220	5872	Tue	11166 70202 64839 28057 01779 and 11166 70202 17948 28058 01839	FSK 200/1000	(AB-RUS)
F06	29-9	1650	19351	Tue	11166 10053 54731 29451 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-9	1700	18517	Tue	11166 10053 54731 29451 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-9	1710	13527	Tue	11166 10053 54731 29451 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06a	2-9	0600	13947	Wed	File 44511 (binary contents)	FSK 200/1000	(AB)
F06a	2-9	0615	17536	Wed	File 44511 (binary contents)	FSK 200/1000	(AB-POL)
F06a	2-9	0630	18945	Wed	File 44511 (binary contents)	FSK 200/1000	(AB-POL)
F06a	2-9	0700	8183	Wed	File 44435 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	2-9	0715	6839	Wed	File 44435 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	2-9	0730	5264	Wed	File 44435 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	2-9	1200	9188	Wed	File 44435 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	2-9	1215	7673	Wed	File 44435 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	2-9	1230	5872	Wed	File 44435 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	3-9	0600	13947	Thu	File 44511 (binary contents)	FSK 200/1000	(AB)
F06a	3-9	0615	17536	Thu	File 44511 (binary contents)	FSK 200/1000	(AB)
F06a	3-9	0630	18945	Thu	File 44511 (binary contents)	FSK 200/1000	(AB)
F06a	5-9	1600	25252	Sat	Not heard	FSK 200/1000	(AB)
F06a	5-9	1615	23163	Sat	Not heard	FSK 200/1000	(AB)
F06a	5-9	1630	20594	Sat	Barely audible	FSK 200/1000	(AB)
F06a	6-9	1600	19159	Sun	File 49468 (binary contents)	FSK 200/1000	(AB)
F06a	6-9	1615	18549	Sun	File 49468 (binary contents)	FSK 200/1000	(AB)
F06a	6-9	1630	18189	Sun	File 49468 (binary contents)	FSK 200/1000	(AB)
F06a	7-9	0700	8183	Mon	File 44438 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	7-9	0715	6839	Mon	File 44438 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	7-9	0730	5264	Mon	File 44438 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	9-9	0700	8183	Wed	Too weak to copy	FSK 200/1000	(AB-RUS)
F06a	9-9	0715	6839	Wed	Too weak to copy	FSK 200/1000	(AB-RUS)
F06a	9-9	0730	5264	Wed	Too weak to copy	FSK 200/1000	(AB-RUS)
F06a	10-9	0600	13947	Thu	File 64412 (binary contents)	FSK 200/1000	(AB)
F06a	10-9	0615	17536	Thu	File 64412 (binary contents)	FSK 200/1000	(AB)
F06a	10-9	0630	18945	Thu	File 64412 (binary contents)	FSK 200/1000	(AB)
F06a	12-9	1600	25252	Sat	Not heard	FSK 200/1000	(AB)
F06a	12-9	1615	23163	Sat	Not heard	FSK 200/1000	(AB)
F06a	12-9	1630	20594	Sat	File 44169 (binary contents) Barely audible	FSK 200/1000	(AB)
F06a	13-9	1600	19159	Sun	File 44169 (binary contents)	FSK 200/1000	(AB)
F06a	13-9	1615	18549	Sun	File 44169 (binary contents)	FSK 200/1000	(AB)
F06a	13-9	1630	18189	Sun	File 44169 (binary contents)	FSK 200/1000	(AB)
F06a	14-9	0700	8183	Mon	File 44444 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	14-9	0715	6839	Mon	File 44444 (binary contents)	FSK 200/1000	(AB-RUS)

F06a	14-9	0730	5264	Mon	File 44444 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	14-9	1200	9188	Mon	File 44444 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	14-9	1215	7673	Mon	File 44444 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	14-9	1230	5872	Mon	File 44444 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	16-9	0600	13947	Wed	File 47413 (binary contents)	FSK 200/1000	(AB)
F06a	16-9	0615	17536	Wed	File 47413 (binary contents)	FSK 200/1000	(AB-POL)
F06a	16-9	0630	18945	Wed	File 47413 (binary contents)	FSK 200/1000	(AB-POL)
F06a	16-9	0700	8183	Wed	File 44447 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	16-9	0715	6839	Wed	File 44447 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	16-9	0730	5264	Wed	File 44447 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	16-9	1200	9188	Wed	File 44447 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	16-9	1215	7673	Wed	File 44447 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	16-9	1230	5872	Wed	File 44447 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	17-9	0600	13947	Thu	File 47413 (binary contents)	FSK 200/1000	(AB)
F06a	17-9	0615	17536	Thu	File 47413 (binary contents)	FSK 200/1000	(AB-POL)
F06a	17-9	0630	18945	Thu	File 47413 (binary contents)	FSK 200/1000	(AB-POL)
F06a	19-9	1600	25252	Sat	File 42470 (binary contents)	FSK 200/1000	(AB-ARS)
F06a	19-9	1615	23163	Sat	File 42470 (binary contents)	FSK 200/1000	(AB-ARS)
F06a	19-9	1630	20594	Sat	File 42470 (binary contents)	FSK 200/1000	(AB-ARS)
F06a	20-9	1600	19159	Sun	File 42470 (binary contents)	FSK 200/1000	(AB)
F06a	20-9	1615	18549	Sun	File 42470 (binary contents)	FSK 200/1000	(AB)
F06a	20-9	1630	18189	Sun	File 42470 (binary contents)	FSK 200/1000	(AB)
F06a	21-9	0700	8183	Mon	File 44450 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	21-9	0715	6839	Mon	File 44450 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	21-9	0730	5264	Mon	File 44450 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	21-9	1200	9188	Mon	File 44450 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	21-9	1215	7673	Mon	File 44450 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	21-9	1230	5872	Mon	File 44450 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	23-9	0600	13947	Wed	File 44814 (binary contents)	FSK 200/1000	(AB)
F06a	23-9	0615	17536	Wed	File 44814 (binary contents)	FSK 200/1000	(AB)
F06a	23-9	0630	18945	Wed	File 44814 (binary contents)	FSK 200/1000	(AB-POL)
F06a	23-9	0700	8183	Wed	File 44453 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	23-9	0715	6839	Wed	File 44453 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	23-9	0730	5264	Wed	File 44453 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	23-9	1200	9188	Wed	File 44453 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	23-9	1215	7673	Wed	File 44453 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	23-9	1230	5872	Wed	File 44453 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	24-9	0600	13947	Thu	File 44814 (binary contents)	FSK 200/1000	(AB)
F06a	24-9	0615	17536	Thu	File 44814 (binary contents)	FSK 200/1000	(AB)
F06a	24-9	0630	18945	Thu	File 44814 (binary contents)	FSK 200/1000	(AB-POL)
F06a	25-9	1900	13835	Fri	File 44058 (binary contents)	FSK 200/1000	(AB)
F06a	25-9	1915	12204	Fri	File 44058 (binary contents)	FSK 200/1000	(AB)
F06a	25-9	1930	11156	Fri	File 44058 (binary contents)	FSK 200/1000	(AB)
F06a	26-9	0600	13386	Sat	File 44058 (binary contents)	FSK 200/1000	(AB)

F06a	26-9	0615	12091	Sat	File 44058 (binary contents)	FSK 200/1000	(AB)
F06a	26-9	0630	11436	Sat	File 44058 (binary contents)	FSK 200/1000	(AB)
F06a	26-9	1600	25252	Sat	File 34471 (binary contents)	FSK 200/1000	(AB-ARS)
F06a	26-9	1615	23163	Sat	File 34471 (binary contents)	FSK 200/1000	(AB-ARS)
F06a	26-9	1630	20594	Sat	File 34471 (binary contents)	FSK 200/1000	(AB-ARS)
F06a	27-9	1600	19159	Sun	File 34471 (binary contents)	FSK 200/1000	(AB)
F06a	27-9	1615	18549	Sun	File 34471 (binary contents)	FSK 200/1000	(AB)
F06a	27-9	1630	18189	Sun	File 34471 (binary contents)	FSK 200/1000	(AB)
F06a	28-9	0700	8183	Mon	File 44456 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	28-9	0715	6839	Mon	File 44456 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	28-9	0730	5264	Mon	File 44456 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	28-9	1200	9188	Mon	File 44456 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	28-9	1215	7673	Mon	File 44456 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	28-9	1230	5872	Mon	File 44456 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	28-9	1400	19816	Mon	File 94414 (binary contents)	FSK 200/1000	(AB)
F06a	28-9	1415	17654	Mon	File 94414 (binary contents)	FSK 200/1000	(AB)
F06a	28-9	1430	15938	Mon	File 94414 (binary contents)	FSK 200/1000	(AB)
F06a	30-9	0600	13947	Wed	File 94415 (binary contents)	FSK 200/1000	(AB)
F06a	30-9	0615	17536	Wed	File 94415 (binary contents)	FSK 200/1000	(AB)
F06a	30-9	0630	18945	Wed	File 94415 (binary contents)	FSK 200/1000	(AB-POL)
F06a	30-9	0700	8183	Wed	File 44459 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	30-9	0715	6839	Wed	File 44459 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	30-9	0730	5264	Wed	File 44459 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	30-9	1200	9188	Wed	File 44459 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	30-9	1215	7673	Wed	File 44459 (binary contents)	FSK 200/1000	(AB-RUS)
F06a	30-9	1230	5872	Wed	File 44459 (binary contents)	FSK 200/1000	(AB-RUS)
F07	1-9	2000	13985	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	1-9	2000	13985	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	1-9	2010	13471	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	1-9	2010	13471	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	1-9	2020	12216	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	1-9	2020	12216	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	1-9	2030	11589	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	1-9	2030	11589	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	1-9	2040	10867	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	1-9	2040	10867	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	1-9	2050	10258	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	1-9	2050	10258	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	10-9	2000	13985	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-9	2010	13471	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-9	2020	12216	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-9	2030	11589	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-9	2040	10867	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-9	2050	10258	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)

F07	15-9	2000	13985	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-9	2010	13471	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-9	2020	12216	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-9	2030	11589	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-9	2040	10867	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-9	2050	10258	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-9	2000	13985	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	17-9	2010	13471	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	17-9	2020	12216	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	17-9	2030	11589	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	17-9	2040	10867	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	17-9	2050	10258	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	22-9	2000	13985	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	22-9	2010	13471	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	22-9	2020	12216	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	22-9	2030	11589	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	22-9	2040	10867	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	22-9	2050	10258	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-9	2000	13985	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	24-9	2010	13471	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	24-9	2020	12216	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	24-9	2030	11589	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	24-9	2040	10867	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	24-9	2050	10258	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	29-9	2000	13985	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-9	2010	13471	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-9	2020	12216	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-9	2030	11589	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-9	2040	10867	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-9	2050	10258	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
KRE	3-9	1210	14350	Thu	DPRK embassy Rome wkg DPRK embassy Moscow	DPRK-ARQ 1200/600 LSB	(AB)
KRE	16-9	0804	13119	Wed	DPRK embassy Rome wkg DPRK embassy Moscow	DPRK-ARQ 1200/600 LSB	(AB)
M01	1-9	1800	5475	Tue	463 847 847 30 30 == 85732 36598 67891 ... 67843 59785 57390 == 847 847 30 30 000	CW	(AB-S)
M01	1-9	2000	5020	Tue	463 679 769 30 30 == 89543 56712 19785 ... 48608 79802 36558 == 769 769 30 30 000	CW	(AB-S)
M01	3-9	1800	5475	Thu	463 122 122 30 30 == 19837 16555 20986 ... 09996 21145 27365 == 122 122 30 30 000	CW	(AB-S)
M01	5-9	1500	6260	Sat	463 237 237 30 30 == 12323 45346 76895 ... 43524 78679 74537 == 237 237 30 30 000	CW	(AB-S)
M01	6-9	0700	6510	Sun	463 456 456 30 30 == 87867 45347 87890 ... 34278 97854 34276 == 456 456 30 30 000	CW	(AB)
M01	8-9	1800	5475	Tue	463 668 668 30 30 == 67564 34231 11688 ... 78321 78563 54981 == 668 668 30 30 000	CW	(PY)
M01	8-9	2000	5020	Tue	463 911 911 30 30 == 54656 32314 12113 ... 87053 52341 78453 == 911 911 30 30 000	CW	(PY)
M01	10-9	1800	5475	Thu	463 976 976 30 30 == 57682 94185 37608 ... 79556 57832 36509 == 976 976 30 30 000	CW	(PY)
M01	10-9	2000	5020	Thu	463 876 876 30 30 == 85738 47587 68932 ... 48608 79001 56732 == 876 876 30 30 000	CW	(AB/PY)
M01	12-9	1500	6260	Sat	463 306 306 30 30 == 83740 04712 93809 ... 81302 50417 60076 == 306 306 30 30 000	CW	(AB-S/PY)
M01	13-9	0700	6510	Sun	463 584 584 30 30 == 05470 21793 90711 ... 02703 17892 70075 == 584 584 30 30 000	CW	(PY)
M01	15-9	1800	5475	Tue	463 331 331 30 30 == 54657 78656 12345 ... 88654 34231 54327 == 331 331 30 30 000	CW	(AB-S)

M01	15-9	2000	5020	Tue	463 557 557 30 30 == 88867 45342 90089 ... 64534 75632 86745 == 557 557 30 30 000	CW	(AB-S)
M01	17-9	1800	5475	Thu	463 552 552 30 30 == 31212 08967 13245 ... 24357 08944 14678 == 552 552 30 30 000 followed by a digital transmission	CW	(AB-FIN)
M01	17-9	2000	5020	Thu	463 347 347 30 30 == 13256 24367 08997 ... 23568 98653 56777 == 347 347 300 00 EEEEEEE 347 347 30 30 000	CW	(AB-S)
M01	22-9	1800	5475	Tue	463 420 420 30 30 == 30981 19243 05628 ... 81311 48730 01717 == 420 420 30 30 000	CW	(AB-S)
M01	22-9	2000	5020	Tue	463 937 937 30 30 == 83907 83955 75401 ... 48724 51837 09548 == 937 937 30 30 000	CW	(AB-S)
M01	26-9	1500	6260	Sat	463 260 260 30 30 == 74869 67323 46508 ... 79911 24387 69754 == 260 260 30 30 000	CW	(AB-S)
M01	27-9	0700	6510	Sun	463 760 760 30 30 == 75869 45376 59806 ... 57232 45612 32198 == 760 760 30 30 000	CW	(AB)
M01	27-9	0717	7115	Sun	i.p. 475 ... Too weak To copy	CW	(PY)
M01	29-9	2000	5020	Tue	463 909 909 30 30 == 18756 35423 08965 ... 18171 29336 07132 == 909 909 30 30 000	CW	(AB-S)
M12	1-9	1200	13409	Tue	Active. Not decoded	CW	(FD)
M12	1-9	1220	12195	Tue	Active. Not decoded	CW	(FD)
M12	1-9	1240	11526	Tue	Active. Not decoded	CW	(FD)
M12	2-9	2350	12107	Wed	242 242 242 1 8383 193 8383 193 95817 54579 24918 ... 04595 94406 80744 000 000	CW	(PY)
M12	3-9	1200	13409	Thu	397 397 397 1 9971 99 9971 99 04215 67202 40104 ... 27594 93621 27556 000 000	CW	(PY)
M12	3-9	1220	12195	Thu	397 397 397 1 9971 99 9971 99 04215 67202 40104 ... 27594 93621 27556 000 000	CW	(PY)
M12	3-9	1240	11526	Thu	397 397 397 1 3851 97 3851 97 06689 79013 50947 ... 23988 78045 30035 000 000	CW	(PY)
M12	3-9	1900	11564	Thu	258 258 258 1 7303 276 7303 276 59406 75320 72622 ... 33240 64960 87962 000 000	CW	(AB)
M12	3-9	1920	10487	Thu	258 258 258 1 7303 276 7303 276 59406 75320 72622 ... 33240 64960 87962 000 000	CW	(AB)
M12	3-9	1940	9319	Thu	258 258 258 1 7303 276 7303 276 59406 75320 72622 ... 33240 64960 87962 000 000	CW	(AB)
M12	4-9	0800	10854	Fri	820 820 820 1 9230 189 9230 189 30986 72846 22748 ... 91598 69584 88900 000 000	CW	(AB-J)
M12	4-9	0820	10273	Fri	820 820 820 1 9230 189 9230 189 30986 72846 22748 ... 91598 69584 88900 000 000	CW	(AB-J)
M12	4-9	0840	9079	Fri	820 820 820 1 9230 189 9230 189 30986 72846 22748 ... 91598 69584 88900 000 000	CW	(AB-J)
M12	4-9	2100	9287	Fri	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB)
M12	4-9	2120	10768	Fri	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB)
M12	4-9	2140	12198	Fri	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB)
M12	5-9	1900	11564	Sat	258 258 258 1 7303 276 7303 276 59406 75320 72622 ... 33240 64960 87962 000 000	CW	(AB)
M12	5-9	1920	10487	Sat	258 258 258 1 7303 276 7303 276 59406 75320 72622 ... 33240 64960 87962 000 000	CW	(AB)
M12	5-9	1940	9319	Sat	258 258 258 1 7303 276 7303 276 59406 75320 72622 ... 33240 64960 87962 000 000	CW	(AB)
M12	5-9	2100	9287	Sat	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB)
M12	5-9	2120	10768	Sat	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB)
M12	5-9	2140	12198	Sat	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB)
M12	6-9	1900	13409	Sun	397 397 397 1 4372 186 4372 186 89363 80848 69211 ... 54056 90067 41387 000 000	CW	(AB)
M12	6-9	1920	12195	Sun	397 397 397 1 4372 186 4372 186 89363 80848 69211 ... 54056 90067 41387 000 000	CW	(AB)
M12	6-9	1940	11526	Sun	397 397 397 1 4372 186 4372 186 89363 80848 69211 ... 54056 90067 41387 000 000	CW	(AB)
M12	6-9	2310	16325	Sun	242 242 242 1 8383 193 8383 193 95817 54579 24918 ... 04595 94406 80744 000 000	CW	(PY)
M12	7-9	0800	10854	Mon	820 820 820 1 9280 83 9280 83 89860 76629 21794 ... 39693 14230 33463 000 000	CW	(AB-J/PY)
M12	7-9	0820	10273	Mon	820 820 820 1 9280 83 9280 83 89860 76629 21794 ... 39693 14230 33463 000 000	CW	(AB-J/PY)
M12	7-9	0840	9079	Mon	820 820 820 1 9280 83 9280 83 89860 76629 21794 ... 39693 14230 33463 000 000	CW	(AB-J/PY)
M12	7-9	1900	13409	Mon	397 397 397 1 5565 175 5565 175 30192 34223 96374 ... 50464 52856 52704 000 000	CW	(AB/PY)
M12	7-9	1920	12195	Mon	397 397 397 1 5565 175 5565 175 30192 34223 96374 ... 50464 52856 52704 000 000	CW	(AB/PY)
M12	7-9	1940	11526	Mon	397 397 397 1 5565 175 5565 175 30192 34223 96374 ... 50464 52856 52704 000 000	CW	(AB)
M12	8-9	0320	15937	Tue	495 495 495 1 9182 104 9182 104 82172 49696 59200 ... 46745 01983 48714 000 000	CW	(PY)

M12	8-9	1300	13409	Tue	397 397 397 1 3851 97 3851 97 06689 79013 50947 ... 23988 78045 30035 000 000	CW	(PY)
M12	8-9	1320	12195	Tue	397 397 397 1 3851 97 3851 97 06689 79013 50947 ... 23988 78045 30035 000 000	CW	(PY)
M12	8-9	1340	11526	Tue	397 397 397 1 3851 97 3851 97 06689 79013 50947 ... 23988 78045 30035 000 000	CW	(PY)
M12	9-9	2350	12107	Wed	242 242 242 1 8383 193 8383 193 95817 54579 24918 ... 04595 94406 80744 000 000	CW	(PY)
M12	10-9	1300	13409	Thu	397 397 397 1 3851 97 3851 97 06689 79013 50947 ... 23988 78045 30035 000 000	CW	(PY)
M12	10-9	1320	12195	Thu	397 397 397 1 3851 97 3851 97 06689 79013 50947 ... 23988 78045 30035 000 000	CW	(PY)
M12	10-9	1340	11526	Thu	397 397 397 1 3851 97 3851 97 06689 79013 50947 ... 23988 78045 30035 000 000	CW	(PY)
M12	10-9	1900	11564	Thu	258 258 258 1 6610 258 6610 258 40221 38069 72771 ... 60416 65135 52172 000 000	CW	(AB/PY)
M12	10-9	1920	10487	Thu	258 258 258 1 6610 258 6610 258 40221 38069 72771 ... 60416 65135 52172 000 000	CW	(AB/PY)
M12	10-9	1940	9319	Thu	258 258 258 1 6610 258 6610 258 40221 38069 72771 ... 60416 65135 52172 000 000	CW	(AB)
M12	11-9	0800	10854	Fri	820 820 820 1 9280 83 9280 83 89860 76629 21794 ... 39693 14230 33463 000 000	CW	(PY)
M12	11-9	0820	10273	Fri	820 820 820 1 9280 83 9280 83 89860 76629 21794 ... 39693 14230 33463 000 000	CW	(PY)
M12	11-9	0840	9079	Fri	820 820 820 1 9280 83 9280 83 89860 76629 21794 ... 39693 14230 33463 000 000	CW	(PY)
M12	11-9	2100	9287	Fri	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB/PY)
M12	11-9	2120	10768	Fri	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB/RL)
M12	11-9	2140	12198	Fri	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB/RL)
M12	12-9	1900	11564	Sat	258 258 258 1 6610 258 6610 258 40221 38069 72771 ... 60416 65135 52172 000 000	CW	(AB)
M12	12-9	1920	10487	Sat	258 258 258 1 6610 258 6610 258 40221 38069 72771 ... 60416 65135 52172 000 000	CW	(AB)
M12	12-9	1940	9319	Sat	258 258 258 1 6610 258 6610 258 40221 38069 72771 ... 60416 65135 52172 000 000	CW	(AB)
M12	12-9	2100	9287	Sat	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB/PY)
M12	12-9	2120	10768	Sat	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB/RL/PY)
M12	12-9	2140	12198	Sat	271 271 271 1 1186 107 1186 107 85300 91818 49439 ... 12458 01943 05053 000 000	CW	(AB/RL)
M12	13-9	1900	13409	Sun	397 397 397 1 5565 175 5565 175 30192 34223 96374 ... 50464 52856 52704 000 000	CW	(AB/PY)
M12	13-9	1920	12195	Sun	397 397 397 1 5565 175 5565 175 30192 34223 96374 ... 50464 52856 52704 000 000	CW	(AB/PY)
M12	13-9	1940	11526	Sun	397 397 397 1 5565 175 5565 175 30192 34223 96374 ... 50464 52856 52704 000 000	CW	(AB)
M12	14-9	0800	10854	Mon	802 802 820 1 6080 89 6080 89 55708 59385 16837 ... 97071 20013 73194 000 000	CW	(AB-J)
M12	14-9	0820	10273	Mon	802 802 820 1 6080 89 6080 89 55708 59385 16837 ... 97071 20013 73194 000 000	CW	(AB-J)
M12	14-9	0840	9079	Mon	802 802 820 1 6080 89 6080 89 55708 59385 16837 ... 97071 20013 73194 000 000	CW	(AB-J)
M12	14-9	1900	13409	Mon	397 397 397 1 3824 187 3824 187 02256 89036 12642 ... 01153 68173 90903 000 000	CW	(AB)
M12	14-9	1920	12195	Mon	397 397 397 1 3824 187 3824 187 02256 89036 12642 ... 01153 68173 90903 000 000	CW	(AB)
M12	14-9	1940	11526	Mon	397 397 397 1 3824 187 3824 187 02256 89036 12642 ... 01153 68173 90903 000 000	CW	(AB)
M12	15-9	1300	13409	Tue	397 397 397 1 6220 94 6220 94 79428 14495 90288 ... 09389 93921 12378 000 000	CW	(PY)
M12	15-9	1320	12195	Tue	397 397 397 1 6220 94 6220 94 79428 14495 90288 ... 09389 93921 12378 000 000	CW	(PY)
M12	15-9	1340	11526	Tue	397 397 397 1 6220 94 6220 94 79428 14495 90288 ... 09389 93921 12378 000 000	CW	(PY)
M12	17-9	1300	13409	Thu	397 397 397 1 6220 94 6220 94 79428 14495 90288 ... 09389 93921 12378 000 000	CW	(PY)
M12	17-9	1320	12195	Thu	397 397 397 1 6220 94 6220 94 79428 14495 90288 ... 09389 93921 12378 000 000	CW	(PY)
M12	17-9	1340	11526	Thu	397 397 397 1 6220 94 6220 94 79428 14495 90288 ... 09389 93921 12378 000 000	CW	(PY)
M12	17-9	1900	11564	Thu	258 258 258 1 3379 285 3379 285 73595 62447 51486 ... 55462 95913 45278 000 000	CW	(AB)
M12	17-9	1920	10487	Thu	258 258 258 1 3379 285 3379 285 73595 62447 51486 ... 55462 95913 45278 000 000	CW	(AB)
M12	17-9	1940	9319	Thu	258 258 258 1 3379 285 3379 285 73595 62447 51486 ... 55462 95913 45278 000 000	CW	(AB)
M12	18-9	0800	10854	Fri	802 802 820 1 6080 89 6080 89 55708 59385 16837 ... 97071 20013 73194 000 000	CW	(AB-J)
M12	18-9	0820	10273	Fri	802 802 820 1 6080 89 6080 89 55708 59385 16837 ... 97071 20013 73194 000 000	CW	(AB-J)
M12	18-9	0840	9079	Fri	802 802 820 1 6080 89 6080 89 55708 59385 16837 ... 97071 20013 73194 000 000	CW	(AB-J)
M12	18-9	2100	9287	Fri	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB)

M12	18-9	2120	10768	Fri	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB)
M12	18-9	2140	12198	Fri	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB)
M12	19-9	1900	11564	Sat	258 258 258 1 3379 285 3379 285 73595 62447 51486 ... 55462 95913 45278 000 000	CW	(AB)
M12	19-9	1920	10487	Sat	258 258 258 1 3379 285 3379 285 73595 62447 51486 ... 55462 95913 45278 000 000	CW	(AB)
M12	19-9	1940	9319	Sat	258 258 258 1 3379 285 3379 285 73595 62447 51486 ... 55462 95913 45278 000 000	CW	(AB)
M12	19-9	2100	9287	Sat	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB/RL)
M12	19-9	2120	10768	Sat	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB/RL)
M12	19-9	2140	12198	Sat	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB/RL)
M12	20-9	1900	13409	Sun	397 397 397 1 3824 187 3824 187 02256 89036 12642 ... 01153 68173 90903 000 000	CW	(AB)
M12	20-9	1920	12195	Sun	397 397 397 1 3824 187 3824 187 02256 89036 12642 ... 01153 68173 90903 000 000	CW	(AB)
M12	20-9	1940	11526	Sun	397 397 397 1 3824 187 3824 187 02256 89036 12642 ... 01153 68173 90903 000 000	CW	(AB)
M12	21-9	0800	10854	Mon	820 820 802 6770 152 6770 152 19720 39089 11372 ... 87233 44337 55782 000 000	CW	(AB-J)
M12	21-9	0820	10273	Mon	820 820 802 6770 152 6770 152 19720 39089 11372 ... 87233 44337 55782 000 000	CW	(AB-J)
M12	21-9	0840	9079	Mon	820 820 802 6770 152 6770 152 19720 39089 11372 ... 87233 44337 55782 000 000	CW	(AB-J)
M12	21-9	1900	13409	Mon	397 397 397 1 6599 193 6599 193 80875 79394 78918 ... 37496 80454 62760 000 000	CW	(AB)
M12	21-9	1920	12195	Mon	397 397 397 1 6599 193 6599 193 80875 79394 78918 ... 37496 80454 62760 000 000	CW	(AB)
M12	21-9	1940	11526	Mon	397 397 397 1 6599 193 6599 193 80875 79394 78918 ... 37496 80454 62760 000 000	CW	(AB)
M12	22-9	1300	13409	Tue	397 397 397 1 6791 81 6791 81 01062 64408 12347 ... 46610 52499 38907 000 000	CW	(PY)
M12	22-9	1320	12195	Tue	397 397 397 1 6791 81 6791 81 01062 64408 12347 ... 46610 52499 38907 000 000	CW	(PY)
M12	22-9	1340	11526	Tue	397 397 397 1 6791 81 6791 81 01062 64408 12347 ... 46610 52499 38907 000 000	CW	(PY)
M12	24-9	1300	13409	Thu	397 397 397 1 6791 81 6791 81 01062 64408 12347 ... 46610 52499 38907 000 000	CW	(PY)
M12	24-9	1320	12195	Thu	397 397 397 1 6791 81 6791 81 01062 64408 12347 ... 46610 52499 38907 000 000	CW	(PY)
M12	24-9	1340	11526	Thu	397 397 397 1 6791 81 6791 81 01062 64408 12347 ... 46610 52499 38907 000 000	CW	(PY)
M12	24-9	1900	11564	Thu	258 258 258 1 9600 279 9600 279 52373 43457 14281 ... 55185 92271 49163 000 000	CW	(AB)
M12	24-9	1920	10487	Thu	258 258 258 1 9600 279 9600 279 52373 43457 14281 ... 55185 92271 49163 000 000	CW	(AB)
M12	24-9	1940	9319	Thu	258 258 258 1 9600 279 9600 279 52373 43457 14281 ... 55185 92271 49163 000 000	CW	(AB)
M12	25-9	0800	10854	Fri	820 820 802 6770 152 6770 152 19720 39089 11372 ... 87233 44337 55782 000 000	CW	(AB-J)
M12	25-9	0820	10273	Fri	820 820 802 6770 152 6770 152 19720 39089 11372 ... 87233 44337 55782 000 000	CW	(AB-J)
M12	25-9	0840	9079	Fri	820 820 802 6770 152 6770 152 19720 39089 11372 ... 87233 44337 55782 000 000	CW	(AB-J)
M12	25-9	2100	9287	Fri	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB)
M12	25-9	2120	10768	Fri	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB)
M12	25-9	2140	12198	Fri	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB)
M12	26-9	1900	11564	Sat	258 258 258 1 9600 279 9600 279 52373 43457 14281 ... 55185 92271 49163 000 000	CW	(AB)
M12	26-9	1920	10487	Sat	258 258 258 1 9600 279 9600 279 52373 43457 14281 ... 55185 92271 49163 000 000	CW	(AB)
M12	26-9	1940	9319	Sat	258 258 258 1 9600 279 9600 279 52373 43457 14281 ... 55185 92271 49163 000 000	CW	(AB)
M12	26-9	2100	9287	Sat	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB)
M12	26-9	2120	10768	Sat	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB)
M12	26-9	2140	12198	Sat	271 271 271 1 4899 69 4899 69 81107 34217 77138 ... 35045 64254 58058 000 000	CW	(AB)
M12	27-9	1900	13409	Sun	397 397 397 1 6599 193 6599 193 80875 79394 78918 ... 37496 80454 62760 000 000	CW	(AB)
M12	27-9	1920	12195	Sun	397 397 397 1 6599 193 6599 193 80875 79394 78918 ... 37496 80454 62760 000 000	CW	(AB)
M12	27-9	1940	11526	Sun	397 397 397 1 6599 193 6599 193 80875 79394 78918 ... 37496 80454 62760 000 000	CW	(AB)
M12	27-9	2350	12107	Sun	242 242 242 1 6254 116 6254 116 ... too poor to copy	CW	(PY)
M12	28-9	0800	10854	Mon	820 820 820 1 1459 197 1459 197 74524 89402 04023 ... 60382 71838 01537 000 000	CW	(AB-J)
M12	28-9	0820	10273	Mon	820 820 820 1 1459 197 1459 197 74524 89402 04023 ... 60382 71838 01537 000 000	CW	(AB-J)

M12	28-9	0840	9079	Mon	820 820 820 1 1459 197 1459 197 74524 89402 04023 ... 60382 71838 01537 000 000	CW	(AB-J)
M12	28-9	1900	13409	Mon	397 397 397 1 1554 193 1554 193 79126 99709 44910 ... 19225 29782 39824 000 000	CW	(AB)
M12	28-9	1920	12195	Mon	397 397 397 1 1554 193 1554 193 79126 99709 44910 ... 19225 29782 39824 000 000	CW	(AB)
M12	28-9	1940	11526	Mon	397 397 397 1 1554 193 1554 193 79126 99709 44910 ... 19225 29782 39824 000 000	CW	(AB)
M14	1-9	0500	12211	Tue	952 376 376 54 54 == 44905 41858 04143 ... 99523 00747 34977 == 376 376 54 54 00000	CW	(AB-J)
M14	1-9	0520	10243	Tue	952 376 376 54 54 == 44905 41858 04143 ... 99523 00747 34977 == 376 376 54 54 00000	CW	(AB-J)
M14	2-9	0500	12211	Wed	952 401 401 23 23 == 10342 70557 30828 ... 11126 38752 68458 == 401 401 23 23 952 837 837 29 29 == 98950 64987 76753 ... 67795 23768 93988 == 837 837 29 29 00000	CW	(AB-J)
M14	2-9	0520	10243	Wed	952 401 401 23 23 == 10342 70557 30828 ... 11126 38752 68458 == 401 401 23 23 952 837 837 29 29 == 98950 64987 76753 ... 67795 23768 93988 == 837 837 29 29 00000	CW	(AB-J)
M14	3-9	0500	12211	Thu	952 401 401 23 23 == 10342 70557 30828 ... 11126 38752 68458 == 401 401 23 23 952 837 837 29 29 == 98950 64987 76753 ... 67795 23768 93988 == 837 837 29 29 00000	CW	(AB-J)
M14	3-9	0520	10243	Thu	952 401 401 23 23 == 10342 70557 30828 ... 11126 38752 68458 == 401 401 23 23 952 837 837 29 29 == 98950 64987 76753 ... 67795 23768 93988 == 837 837 29 29 00000	CW	(AB-J)
M14	4-9	0500	12211	Fri	952 952 952 00000	CW	(AB-J)
M14	4-9	0520	10243	Fri	952 952 952 00000	CW	(AB-J)
M14	7-9	0500	12211	Mon	952 610 610 52 52 == 29187 39407 16385 ... 69834 51904 19559 == 610 610 52 52 00000	CW	(AB-J)
M14	7-9	0520	10243	Mon	952 610 610 52 52 == 29187 39407 16385 ... 69834 51904 19559 == 610 610 52 52 00000	CW	(AB-J)
M14	8-9	0500	12211	Tue	952 610 610 52 52 == 29187 39407 16385 ... 69834 51904 19559 == 610 610 52 52 00000	CW	(AB-J)
M14	8-9	0521	10243	Tue	Late start. 925 (R3m) then off	CW	(AB-J)
M14	9-9	0500	12211	Wed	952 438 438 21 21 == 52367 15692 73204 ... 59379 92249 82188 == 438 438 21 21 952 671 671 29 29 == 77110 22198 40210 ... 63718 25337 73928 == 671 671 29 29 00000	CW	(Subilo)
M14	9-9	0520	10243	Wed	952 438 438 21 21 == 52367 15692 73204 ... 59379 92249 82188 == 438 438 21 21 952 671 671 29 29 == 77110 22198 40210 ... 63718 25337 73928 == 671 671 29 29 00000	CW	(Subilo)
M14	10-9	0500	12211	Thu	952 438 438 21 21 == 52367 15692 73204 ... 59379 92249 82188 == 438 438 21 21 952 671 671 29 29 == 77110 22198 40210 ... 63718 25337 73928 == 671 671 29 29 00000	CW	(AB-J)
M14	10-9	0520	10243	Thu	952 438 438 21 21 == 52367 15692 73204 ... 59379 92249 82188 == 438 438 21 21 952 671 671 29 29 == 77110 22198 40210 ... 63718 25337 73928 == 671 671 29 29 00000	CW	(AB-J)
M14	14-9	0500	12211	Mon	952 340 340 56 56 == 20520 96013 81572 ... 39273 14627 31800 == 340 340 56 56 00000	CW	(AB-J)
M14	14-9	0520	10243	Mon	952 340 340 56 56 == 20520 96013 81572 ... 39273 14627 31800 == 340 340 56 56 00000	CW	(AB-J)
M14	15-9	0500	12211	Tue	952 340 340 56 56 == 20520 96013 81572 ... 39273 14627 31800 == 340 340 56 56 00000	CW	(AB-J)
M14	15-9	0520	10243	Tue	952 340 340 56 56 == 20520 96013 81572 ... 39273 14627 31800 == 340 340 56 56 00000	CW	(AB-J)
M14	16-9	0500	12211	Wed	952 103 103 24 24 == 19215 41969 64048 ... 80932 29574 00314 == 103 103 24 24 952 687 687 32 32 == 74400 00800 82257 ... 37083 59187 96072 == 687 687 32 32 00000	CW	(AB-J)
M14	16-9	0520	10243	Wed	952 103 103 24 24 == 19215 41969 64048 ... 80932 29574 00314 == 103 103 24 24 952 687 687 32 32 == 74400 00800 82257 ... 37083 59187 96072 == 687 687 32 32 00000	CW	(AB-J)

M14	17-9	0500	12211	Thu	952 103 103 24 24 = = 19215 41969 64048 ... 80932 29574 00314 = = 103 103 24 24 952 687 687 32 32 = = 74400 00800 82257 ... 37083 59187 96072 = = 687 687 32 32 00000	CW	(AB-J)
M14	17-9	0520	10243	Thu	952 103 103 24 24 = = 19215 41969 64048 ... 80932 29574 00314 = = 103 103 24 24 952 687 687 32 32 = = 74400 00800 82257 ... 37083 59187 96072 = = 687 687 32 32 00000	CW	(AB-J)
M14	18-9	0500	12211	Fri	952 952 952 00000	CW	(AB-J)
M14	18-9	0520	10243	Fri	952 952 952 00000	CW	(AB-J)
M14	21-9	0500	12211	Mon	952 467 467 58 58 = = 28854 22611 80707 ... 57256 52717 57690 = = 467 467 58 58 00000	CW	(AB-J)
M14	21-9	0520	10243	Mon	952 467 467 58 58 = = 28854 22611 80707 ... 57256 52717 57690 = = 467 467 58 58 00000	CW	(AB-J)
M14	22-9	0500	12211	Tue	952 467 467 58 58 = = 28854 22611 80707 ... 57256 52717 57690 = = 467 467 58 58 00000	CW	(AB-J)
M14	22-9	0520	10243	Tue	952 467 467 58 58 = = 28854 22611 80707 ... 57256 52717 57690 = = 467 467 58 58 00000	CW	(AB-J)
M14	23-9	0500	12211	Wed	952 174 174 22 22 = = 06846 41723 79933 ... 92846 85329 63566 = = 74 174 22 22 952 830 830 29 29 = = 94925 58916 81753 ... 93465 03045 56745 = = 830 830 29 29 00000	CW	(AB-USA)
M14	23-9	0520	10243	Wed	952 174 174 22 22 = = 06846 41723 79933 ... 92846 85329 63566 = = 74 174 22 22 952 830 830 29 29 = = 94925 58916 81753 ... 93465 03045 56745 = = 830 830 29 29 00000	CW	(AB-USA)
M14	24-9	0500	12211	Thu	952 174 174 22 22 = = 06846 41723 79933 ... 92846 85329 63566 = = 74 174 22 22 952 830 830 29 29 = = 94925 58916 81753 ... 93465 03045 56745 = = 830 830 29 29 00000	CW	(AB-USA)
M14	24-9	0520	10243	Thu	952 174 174 22 22 = = 06846 41723 79933 ... 92846 85329 63566 = = 74 174 22 22 952 830 830 29 29 = = 94925 58916 81753 ... 93465 03045 56745 = = 830 830 29 29 00000	CW	(AB-USA)
M14	25-9	0500	12211	Fri	952 952 952 00000	CW	(AB-J)
M14	25-9	0520	10243	Fri	952 952 952 00000	CW	(AB-J)
M14	28-9	0500	12211	Mon	952 608 608 52 52 = = 50968 13595 91590 ... 52361 48306 92499 = = 608 608 52 52 00000	CW	(AB-J)
M14	28-9	0520	10243	Mon	952 608 608 52 52 = = 50968 13595 91590 ... 52361 48306 92499 = = 608 608 52 52 00000	CW	(AB-J)
M14	29-9	0500	12211	Tue	952 608 608 52 52 = = 50968 13595 91590 ... 52361 48306 92499 = = 608 608 52 52 00000	CW	(AB-J)
M14	29-9	0520	10243	Tue	952 608 608 52 52 = = 50968 13595 91590 ... 52361 48306 92499 = = 608 608 52 52 00000	CW	(AB-J)
M14	30-9	0500	12211	Wed	952 173 173 44 44 = = 10589 14692 53171 ... 42058 10056 12447 = = 173 173 44 44 952 460 460 15 15 = = 95093 01309 82223 ... 95540 37536 99396 = = 460 460 15 15 00000	CW	(AB-USA)
M14	30-9	0520	10243	Wed	952 173 173 44 44 = = 10589 14692 53171 ... 42058 10056 12447 = = 173 173 44 44 952 460 460 15 15 = = 95093 01309 82223 ... 95540 37536 99396 = = 460 460 15 15 00000	CW	(AB-USA)
M23	1-9	1059	7668	Tue	00000 33333 55555 77777 (R25m)	CW	(AB)
M23	1-9	1129	7668	Tue	00000 33333 55555 77777 (R25m)	CW	(AB)
M23	1-9	1559	7668	Tue	Hourly beep	CW	(AB)
M23	1-9	1630	5450	Tue	i.p. 00000 33333 55555 77777 (ended at 1654z)	CW	(AB)
M23	1-9	1659	5450	Tue	Hourly beep	CW	(AB)
M23	2-9	0659	7668	Wed	PORTE POINT SORTE ARBRE SUITE GARDE CHIEN SIGNE LIGNE MIEN PARTI etc (R25m)	CW	(AB)
M23	2-9	0729	7668	Wed	PORTE POINT SORTE ARBRE SUITE GARDE CHIEN SIGNE LIGNE MIEN PARTI etc (R25m)	CW	(AB)
M23	2-9	1059	7668	Wed	00000 33333 55555 77777 (R25m)	CW	(AB)
M23	2-9	1129	7668	Wed	00000 33333 55555 77777 (R25m)	CW	(AB)

M23	2-9	1559	7668	Wed	Hourly beep	CW	(AB)
M23	4-9	1559	13958	Fri	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	4-9	1629	13958	Fri	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	5-9	1459	13958	Sat	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	5-9	1529	13958	Sat	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	5-9	1559	13958	Sat	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	5-9	1629	13958	Sat	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	5-9	1659	13958	Sat	Hourly beep	CW	(AB)
M23	6-9	0659	13958	Sun	0 (R) 3 (R) 7 (R) (R25m)	CW	(AB)
M23	6-9	0729	13958	Sun	0 (R) 3 (R) 7 (R) (R25m)	CW	(AB)
M23	6-9	0759	13958	Sun	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	6-9	0829	13958	Sun	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	6-9	1259	13958	Sun	Hourly beep	CW	(AB)
M23	6-9	1459	13958	Sun	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	6-9	1529	13958	Sun	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	6-9	1559	13958	Sun	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	6-9	1629	13958	Sun	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	7-9	0659	13958	Mon	0 (R) 3 (R) 7 (R) (R25m)	CW	(AB)
M23	7-9	0729	13958	Mon	0 (R) 3 (R) 7 (R) (R25m)	CW	(AB)
M23	7-9	0759	13958	Mon	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	7-9	0829	13958	Mon	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	7-9	1459	13958	Mon	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	7-9	1529	13958	Mon	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	7-9	1559	13958	Mon	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	7-9	1629	13958	Mon	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	8-9	0659	13958	Tue	0 (R) 3 (R) 7 (R) (R25m)	CW	(BR)
M23	8-9	0729	13958	Tue	0 (R) 3 (R) 7 (R) (R25m)	CW	(BR)
M23	8-9	0759	13958	Tue	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	8-9	0829	13958	Tue	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	8-9	1459	13958	Tue	50505 55550 05550 05500 55005 (R25m)	CW	(TM)
M23	8-9	1529	13958	Tue	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	8-9	1559	13958	Tue	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	8-9	1629	13958	Tue	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	9-9	0659	13958	Wed	0 (R) 3 (R) 7 (R) (R25m)	CW	(BR)
M23	9-9	0729	13958	Wed	0 (R) 3 (R) 7 (R) (R25m)	CW	(BR)
M23	9-9	1459	13958	Wed	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	9-9	1529	13958	Wed	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	9-9	1559	13958	Wed	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	9-9	1629	13958	Wed	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	10-9	0959	13958	Thu	0 (R) 3 (R) 7 (R) (R25m)	CW	(BR)
M23	10-9	1029	13958	Thu	0 (R) 3 (R) 7 (R) (R25m)	CW	(BR)
M23	10-9	1459	13958	Thu	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	10-9	1529	13958	Thu	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	10-9	1559	13958	Thu	50505 55550 05550 05500 55005 (R25m)	CW	(BR)

M23	10-9	1629	13958	Thu	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	11-9	1459	13958	Fri	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	11-9	1529	13958	Fri	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	11-9	1559	13958	Fri	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	11-9	1629	13958	Fri	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	12-9	1459	13958	Sat	50505 55550 05550 05500 55005 (R25m)	CW	(AB)
M23	12-9	1529	13958	Sat	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	12-9	1559	13958	Sat	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	12-9	1629	13958	Sat	50505 55550 05550 05500 55005 (R25m)	CW	(BR)
M23	12-9	1659	7668	Sat	00000 33333 55555 77777 (R25m)	CW	(AB)
M23	12-9	1729	7668	Sat	00000 33333 55555 77777 (R25m)	CW	(AB)
M23	13-9	1459	13958	Sun	50505 55550 05550 05500 55005 (R25m)	CW	(AB/BR)
M23	13-9	1529	13958	Sun	50505 55550 05550 05500 55005 (R25m)	CW	(AB/BR)
M23	13-9	1559	13958	Sun	50505 55550 05550 05500 55005 (R25m)	CW	(AB/BR)
M23	13-9	1629	13958	Sun	50505 55550 05550 05500 55005 (R25m)	CW	(AB/BR)
M23	13-9	1659	7668	Sun	00000 33333 55555 77777 (R25m)	CW	(AB)
M23	13-9	1729	7668	Sun	00000 33333 55555 77777 (R25m)	CW	(AB)
M23	13-9	1959	6961	Sun	00000 33333 55555 77777 (R25m)	CW	(WN)
M23	13-9	2029	6961	Sun	00000 33333 55555 77777 (R25m)	CW	(WN)
M23	14-9	0705	7542	Mon	i.p. 0 (R) û Ended 0720z. Very weak	CW	(BR)
M23	21-9	0959	9476	Mon	1 (R25m)	CW	(AB)
M23	21-9	1059	9476	Mon	1 (R25m)	CW	(AB)
M23	22-9	0559	5345	Tue	4 (R25m)	CW	(AB)
M23	22-9	0659	5345	Tue	4 (R25m)	CW	(AB)
M23	22-9	0759	5345	Tue	1 (R25m)	CW	(TM)
M23	22-9	0959	9476	Tue	1 (R25m)	CW	(AB)
M23	22-9	1059	9476	Tue	1 (R25m)	CW	(AB)
M23	23-9	0559	5345	Wed	4 (R25m)	CW	(AB)
M23	23-9	0659	5345	Wed	4 (R25m)	CW	(AB)
M23	23-9	0759	5345	Wed	1 (R25m)	CW	(TM)
M23	23-9	0959	9476	Wed	1 (R25m)	CW	(AB)
M23	23-9	1059	9476	Wed	1 (R25m)	CW	(AB)
M23	24-9	0559	5345	Thu	4 (R25m)	CW	(AB)
M23	24-9	0659	5345	Thu	4 (R25m)	CW	(AB)
M23	24-9	0759	5345	Thu	1 (R25m)	CW	(TM)
M23	24-9	0959	9476	Thu	1 (R25m)	CW	(AB)
M23	24-9	1059	9476	Thu	1 (R25m)	CW	(AB)
M23	25-9	0559	5345	Fri	4 (R25m)	CW	(AB)
M23	25-9	0659	5345	Fri	4 (R25m)	CW	(AB)
M23	25-9	0759	5345	Fri	1 (R25m)	CW	(TM)
M23	25-9	0959	9476	Fri	1 (R25m)	CW	(AB)
M23	25-9	1059	9476	Fri	1 (R25m)	CW	(AB)
M23	26-9	0559	5345	Sat	4 (R25m)	CW	(AB)
M23	26-9	0559	5345	Sat	4 (R25m)	CW	(AB)

M23	26-9	0659	5345	Sat	4 (R25m)	CW	(AB)
M23	26-9	0659	5345	Sat	4 (R25m)	CW	(AB)
M23	26-9	0759	5345	Sat	1 (R25m)	CW	(TM)
M23	26-9	0759	5345	Sat	1 (R25m)	CW	(TM)
M23	26-9	0959	9476	Sat	1 (R25m)	CW	(AB)
M23	26-9	1059	9476	Sat	1 (R25m)	CW	(AB)
M23	26-9	1159	11428	Sat	1 (R25m)	CW	(AB)
M23	26-9	1159	11428	Sat	Hourly beep	CW	(AB)
M23	26-9	1259	11428	Sat	Hourly beep	CW	(AB)
M23	26-9	1259	11428	Sat	4 (R25m)	CW	(AB)
M23	26-9	1359	11428	Sat	Hourly beep	CW	(AB)
M23	26-9	1359	11428	Sat	4 (R25m)	CW	(AB)
M23	26-9	1459	11428	Sat	Hourly beep	CW	(AB)
M23	26-9	1459	11428	Sat	3 (R25m)	CW	(AB)
M23	26-9	1659	11428	Sat	Hourly beep	CW	(AB)
M23	27-9	0559	5345	Sun	4 (R25m)	CW	(AB)
M23	27-9	0659	5345	Sun	4 (R25m)	CW	(AB)
M23	27-9	0759	5345	Sun	1 (R25m)	CW	(TM)
M23	27-9	0959	9476	Sun	1 (R25m)	CW	(AB)
M23	27-9	1059	9476	Sun	1 (R25m)	CW	(AB)
M23	27-9	1059	11428	Sun	Hourly beep	CW	(AB)
M23	27-9	1159	11428	Sun	1 (R25m)	CW	(AB)
M23	27-9	1259	11428	Sun	4 (R25m)	CW	(AB)
M23	27-9	1359	11428	Sun	4 (R25m)	CW	(AB)
M23	27-9	1459	11428	Sun	3 (R25m)	CW	(AB)
M23	28-9	0059	4822	Mon	3 (R25m)	CW	(TM)
M23	28-9	0159	4822	Mon	1 (R25m)	CW	(TM)
M23	28-9	0559	5345	Mon	4 (R25m)	CW	(TM)
M23	28-9	0659	5345	Mon	4 (R25m)	CW	(TM)
M23	28-9	0759	5345	Mon	1 (R25m)	CW	(TM)
M23	28-9	0959	9476	Mon	1 (R25m)	CW	(AB)
M23	28-9	1059	9476	Mon	1 (R25m)	CW	(AB)
M23	28-9	1159	11428	Mon	1 (R25m)	CW	(AB)
M23	28-9	1259	11428	Mon	4 (R25m)	CW	(AB)
M23	28-9	1359	11428	Mon	4 (R25m)	CW	(AB)
M23	28-9	1459	11428	Mon	3 (R25m)	CW	(AB)
M23	29-9	0059	4822	Tue	3 (R25m)	CW	(TM)
M23	29-9	0159	4822	Tue	1 (R25m)	CW	(TM)
M23	29-9	0259	4822	Tue	1 (R25m)	CW	(CK)
M23	29-9	0559	5345	Tue	4 (R25m)	CW	(AB)
M23	29-9	0659	5345	Tue	4 (R25m)	CW	(AB)
M23	29-9	0759	5345	Tue	1 (R25m)	CW	(AB/Hiram)
M23	29-9	0859	5345	Tue	1 (R25m)	CW	(AB)
M23	29-9	0959	9476	Tue	1 (R25m)	CW	(AB/Hiram)

M23	29-9	1059	9476	Tue	1 (R25m)	CW	(AB/Hiram/LA6LU)
M23	29-9	1159	11428	Tue	1 (R25m)	CW	(AB/LA6LU)
M23	29-9	1259	11428	Tue	4 (R25m)	CW	(AB/GC2/LA6LU)
M23	29-9	1359	11428	Tue	4 (R25m)	CW	(AB/Hiram)
M23	29-9	1459	11428	Tue	3 (R25m)	CW	(AB)
M23	30-9	0059	4822	Wed	3 (R25m)	CW	(TM)
M23	30-9	0159	4822	Wed	1 (R25m)	CW	(TM)
M23	30-9	0259	4822	Wed	1 (R25m)	CW	(TM)
M23	30-9	0559	5345	Wed	4 (R25m)	CW	(AB/Hiram)
M23	30-9	0659	5345	Wed	4 (R25m)	CW	(AB/Hiram)
M23	30-9	0759	5345	Wed	1 (R25m)	CW	(AB/Hiram)
M23	30-9	0859	5345	Wed	1 (R25m)	CW	(AB)
M23	30-9	0959	9476	Wed	1 (R25m)	CW	(AB/Hiram)
M23	30-9	1059	9476	Wed	1 (R25m)	CW	(AB/Hiram)
M23	30-9	1159	9476	Wed	Hourly beep	CW	(AB)
M23	30-9	1159	11428	Wed	1 (R25m)	CW	(AB)
M23	30-9	1259	11428	Wed	4 (R25m)	CW	(AB)
M23	30-9	1359	11428	Wed	4 (R25m)	CW	(AB)
M23	30-9	1459	11428	Wed	3 (R25m)	CW	(AB)
M23	30-9	1759	7542	Wed	2 (R25m)	CW	(Hiram)
M42	3-9	1300	16156	Thu	UAL: MFA Moscow wkg UAG: Russian embassy Havana. UAL UAL UAL, followed by operator chat and a message. Header: 01200 70___ 18537 03662 04009	FSK CW + FSK 75/500	(AB)
M42	11-9	0633	13430	Fri	Russian diplo.	Serdolik v2	(RO)
M42	17-9	1300	16156	Thu	UAL: MFA Moscow wkg UAG: Russian embassy Havana. UAL UAL UAL, followed by operator chat and a message. Header: 11100 70103 96215 17118 04009	FSK CW + FSK 75/500	(AB)
M42	18-9	1717	18322	Fri	Russian diplo	Serdolik v2	(T101)
M42	24-9	1300	16156	Thu	UAL: MFA Moscow wkg UAG: Russian embassy Havana. UAL UAL UAL, followed by operator chat and a message.	FSK CW + FSK 75/500	(AB)
M42	24-9	1300	18726	Thu	UAG: Russian embassy Havana wkg UAL: MFA Moscow. UAG UAG UAG, followed by operator chat and a message.	FSK CW + FSK 75/500	(AB-BER)
M89	1-9	1208	3611	Tue	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	1-9	1208	4522	Tue	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	1-9	1208	5419	Tue	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	1-9	1212	7015	Tue	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	1-9	1212	9350	Tue	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	1-9	1218	6945	Tue	i.p.	CW	(JPL)
M89	1-9	1224	6523	Tue	i.p.	CW	(JPL)
M89	1-9	1233	4551.5	Tue	i.p. ABCDEFGHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M =	CW	(JPL)
M89	1-9	1235	4860	Tue	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	1-9	1235	6840	Tue	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	1-9	1244	7857	Tue	i.p.	CW	(JPL)
M89	1-9	1246	8134	Tue	i.p. Other stn on another freq	CW	(JPL)
M89	1-9	1256	10086	Tue	i.p. F F NR 2359 0329 RMKS 5750 TO 3644 = C400/R4L2 AR	CW	(JPL)
M89	1-9	1301	10332	Tue	i.p.	CW	(JPL)
M89	1-9	1304	10717	Tue	i.p.	CW	(JPL)

M89	2-9	1500	5521	Wed	V VJB (x3) DE VWM (x2) (R5) QSA ? K	CW	(JPL)
M89	2-9	1518	3611	Wed	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	2-9	1518	4522	Wed	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	2-9	1518	5419	Wed	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	2-9	1520	4860	Wed	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	2-9	1520	6840	Wed	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	2-9	1526	3672	Wed	i.p. very fast	CW	(JPL)
M89	2-9	1532	3833	Wed	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	2-9	1730	4551.5	Wed	i.p. ABCDEFGHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M =	CW	(JPL)
M89	3-9	1028	7015	Thu	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	3-9	1028	9350	Thu	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	3-9	1038	9251	Thu	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	3-9	1038	13362	Thu	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	3-9	1042	6907	Thu	i.p. DE 5NID F F NR 0424/EX 1840 RMKS CQ = EIS/9OW AR. 5NID wkg stns on another freq	CW	(JPL)
M89	3-9	1120	4860	Thu	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	3-9	1120	6840	Thu	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	3-9	1128	4551.5	Thu	i.p. ABCDEFGHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M	CW	(JPL)
M89	3-9	1415	3287.5	Thu	i.p.	CW	(JPL)
M89	3-9	1418	3493	Thu	i.p.	CW	(JPL)
M89	3-9	1420	4860	Thu	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	3-9	1420	6840	Thu	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	3-9	1426	3611	Thu	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	3-9	1426	4522	Thu	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	3-9	1426	5419	Thu	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	3-9	1432	3833	Thu	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	3-9	1432	5407	Thu	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	3-9	1443	4217	Thu	i.p. F NR 05/EX 2243 RMKS 6899 TO 6894 = PD2/CZ7 AR F NR 05/EX 2234 RMKS 6894 TO 6899 = PD2/CZ7 AR. Both stns on this freq	CW	(JPL)
M89	3-9	1450	4545	Thu	i.p.	CW	(JPL)
M89	3-9	1620	4860	Thu	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	3-9	1620	6840	Thu	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	13-9	1005	8600	Sun	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	13-9	1005	9251	Sun	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	13-9	1005	13362	Sun	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	13-9	1010	7015	Sun	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	13-9	1010	9350	Sun	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	13-9	1120	4860	Sun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	13-9	1120	6840	Sun	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	15-9	1138	9170	Tue	i.p. Both stns on this freq	CW	(JPL)
M89	17-9	1122	3611	Thu	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	17-9	1122	4522	Thu	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	17-9	1122	5419	Thu	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	17-9	1122	8600	Thu	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	17-9	1122	9251	Thu	TG1Y (x3) DE X9FW (x2)	CW	(JPL)

M89	17-9	1122	13362	Thu	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	17-9	1128	3833	Thu	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	17-9	1128	5407	Thu	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	17-9	1212	7192	Thu	i.p. Other stn on another freq	CW	(JPL)
M89	17-9	1224	7016	Thu	i.p.	CW	(JPL)
M89	18-9	1106	3611	Fri	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	18-9	1106	4522	Fri	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	18-9	1106	5419	Fri	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	18-9	1106	8600	Fri	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	18-9	1106	9251	Fri	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	18-9	1106	13362	Fri	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	18-9	1108	6814	Fri	i.p. Both stn on this freq)	CW	(JPL)
M89	18-9	1113	7108	Fri	i.p.	CW	(JPL)
M89	18-9	1116	7015	Fri	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	18-9	1116	9350	Fri	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	18-9	1119	6837	Fri	i.p.	CW	(JPL)
M89	18-9	1120	4860	Fri	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	18-9	1120	6840	Fri	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	18-9	1123	6801	Fri	i.p. F F F F NR 2144/EX 1921 = E8S0/ZBQ7 AR QSY 82 QSY 82 VVV	CW	(JPL)
M89	18-9	1132	5692	Fri	i.p. Both stns on this freq - RMKS TO 0607 =	CW	(JPL)
M89	18-9	1135	5710	Fri	i.p.	CW	(JPL)
M89	18-9	1153	4888.5	Fri	i.p. ABCDEFGHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M =	CW	(JPL)
M89	18-9	1158	4628	Fri	i.p.	CW	(JPL)
M89	18-9	1205	4488	Fri	i.p. Other stn on another freq	CW	(JPL)
M89	18-9	1220	4860	Fri	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	18-9	1220	6840	Fri	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	18-9	1518	4487	Fri	i.p. Both stns on this freq	CW	(JPL)
M89	18-9	1520	4860	Fri	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	18-9	1520	6840	Fri	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	19-9	2103	3611	Sat	TG1Y (x3) DE X9FW (x2) M89 (Remote tuner Ja	CW	(JPL)
M89	19-9	2103	4522	Sat	TG1Y (x3) DE X9FW (x2) M89 (Remote tuner Ja	CW	(JPL)
M89	19-9	2103	5419	Sat	TG1Y (x3) DE X9FW (x2) M89 (Remote tuner Ja	CW	(JPL)
M89	19-9	2115	4062	Sat	i.p.	CW	(JPL)
M89	19-9	2125	4888.5	Sat	i.p. ABCDEFGHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M =	CW	(JPL)
M89	19-9	2150	5672	Sat	Y3JI DE N6WX	CW	(JPL)
M89	19-9	2150	7768	Sat	Y3JI DE N6WX	CW	(JPL)
M89	20-9	1550	3611	Sun	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	20-9	1550	4522	Sun	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	20-9	1550	5419	Sun	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	20-9	1554	3833	Sun	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	20-9	1554	5407	Sun	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	20-9	1556	4888.5	Sun	i.p. ABCDEFGHIJKLMNOPQRSTUVWXYZ TAU34567DN III AS VA M =	CW	(JPL)
M89	20-9	1602	4641	Sun	i.p. Other stn on another freq	CW	(JPL)
M89	20-9	1608	4909	Sun	i.p. RMKS 8094 TO 9333 =	CW	(JPL)

M89	20-9	1615	5407	Sun	i.p. DE HIJA	CW	(JPL)
M89	26-9	1042	10575	Sat	Outstations. QSL NR 1843 From Y7GH which is on another freq	CW	(JPL)
M89	26-9	1055	7015	Sat	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	26-9	1055	9350	Sat	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	26-9	1058	7474	Sat	i.p.	CW	(JPL)
M89	26-9	1108	7878	Sat	i.p.	CW	(JPL)
M89	26-9	1112	7777	Sat	i.p.	CW	(JPL)
M89	26-9	1112	7777	Sat	i.p. FF NR 1351/EX 1930 RMKS 8074 TO 8517 = ABC1/DEF2 AR	CW	(JPL)
M89	26-9	1119	7087	Sat	i.p. Other stn on another freq	CW	(JPL)
M89	26-9	1152	5660	Sat	i.p. NR 5025 CK 91 82 0925 1800 RMKS 5087 TO 3388 AR	CW	(JPL)
M89	26-9	1542	3611	Sat	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	26-9	1543	3811	Sat	i.p.	CW	(JPL)
M89	26-9	1549	4522	Sat	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	26-9	1555	5407	Sat	V AA8V (x3) DE HIJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	26-9	1556	5419	Sat	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	26-9	1557	5483	Sat	i.p. NR 38 CK 71 59 0925 2357 RMKS 5463 TO 5433 =	CW	(JPL)
M89	28-9	1113	3611	Mon	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	28-9	1113	4522	Mon	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	28-9	1113	5419	Mon	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	28-9	1113	9251	Mon	TG1Y (x3) DE X9FW (x2)	CW	(JPL)
M89	28-9	1118	3833	Mon	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	28-9	1118	5407	Mon	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M89	28-9	1120	4860	Mon	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	28-9	1120	6840	Mon	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	28-9	1123	5144	Mon	i.p. Both stns on this freq	CW	(JPL)
M89	28-9	1200	5813	Mon	i.p.	CW	(JPL)
M89	28-9	1220	4860	Mon	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	28-9	1220	6840	Mon	V Q2M (x3) DE NYZ (x2) (R5) QSA ? K	CW	(JPL)
M89	28-9	1222	4625	Mon	i.p.	CW	(JPL)
M89	28-9	1233	7610	Mon	i.p. Both stns on this freq	CW	(JPL)
M95	1-9	1205	6557	Tue	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	1-9	1205	11475	Tue	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	1-9	1308	3903	Tue	V WCJJ (x3) DE HBDD (x2) VVV SVC NR 008 2105 RMKS 1527 TO 1578 = COMM/2145/38/1578/1100 AR	CW	(JPL)
M95	1-9	1308	6886	Tue	V WCJJ (x3) DE HBDD (x2) VVV SVC NR 008 2105 RMKS 1527 TO 1578 = COMM/2145/38/1578/1100 AR	CW	(JPL)
M95	2-9	1533	3903	Wed	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	2-9	1533	6886	Wed	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	2-9	1733	5462	Wed	0WBX DE 7C4M F F F NR 028/EX 0132 = F2L8/K9X2 AR	CW	(JPL)
M95	3-9	1035	11475	Thu	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	3-9	1145	6876	Thu	BNGC DE XS30 //4542 kHz	CW	(JPL)
M95	3-9	1150	9042	Thu	NR 096 CK 43 35 0903 1454 = NR 06 CK 113 35 0903 1546 = //9042, 6352, 4156 kHz	CW	(JPL)
M95	3-9	1437	3903	Thu	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	3-9	1437	6886	Thu	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)

M95	13-9	1105	6557	Sun	V WCJJ (x3) DE HBDD (x2) NR 0801 1527 TO 1187 COMM 1830/Z3/38/RM527/11705 AR	CW	(JPL)
M95	13-9	1105	11475	Sun	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	13-9	1131	6876	Sun	BNGC DE XS30 NR 0804 CK ... 35 903 1615 = //4542 kHz	CW	(JPL)
M95	13-9	1150	6352	Sun	NR 017 CK 46 35 0913 1508 = NR 064 CK 18 35 0913 1517 = NR 26 CK 171 35 0913 1520 = //9042, 6352, 4156 kHz	CW	(JPL)
M95	15-9	1128	6557	Tue	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	15-9	1128	11475	Tue	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	15-9	1145	9042	Tue	NR 021 CK 25 35 0915 1446 = NR 30 CK 98 35 0915 1456 = //9042, 6352, 4156 kHz	CW	(JPL)
M95	17-9	1115	11475	Thu	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	17-9	1150	9135	Thu	i.p. NR .../CCK CK 31 RMKS 3966 TO 390. K (both stations on this freq)	CW	(JPL)
M95	17-9	1157	9042	Thu	NR 34 CK 111 35 0917 1526 = //9042, 6352, 4156 kHz	CW	(JPL)
M95	17-9	1219	7109	Thu	i.p. NR 686/CCK CK 91 84 0917 1950 RMKS 9811 TO 9459 K	CW	(JPL)
M95	17-9	1927	3903	Thu	WCJJ WCJJ WCJJ DE HBDD HBDD V	CW	(AB)
M95	18-9	1111	6557	Fri	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	18-9	1142	5411	Fri	i.p. DE RA5C NR 2019/CCK CK 91 24 0918 1933 RMKS 4325 TO 9420 K	CW	(JPL)
M95	18-9	1149	6352	Fri	NR 36 CK 093 35 0918 1454 = //9042, 6352, 4156 kHz	CW	(JPL)
M95	18-9	1437	3903	Fri	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	18-9	1437	6886	Fri	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	18-9	1510	3903	Fri	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	18-9	1510	6886	Fri	V WCJJ (x3) DE HBDD (x2) SVC NR COMM/210/2340/Y65/1..0/1148 AR	CW	(JPL)
M95	19-9	2105	3903	Sat	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	19-9	2105	6886	Sat	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	19-9	2130	5407	Sat	V AA8V (x3) DE HJRA (x2) (R5) QSA ? K	CW	(JPL)
M95	20-9	1552	3903	Sun	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	20-9	1552	6886	Sun	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	20-9	2105	3903	Sun	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	26-9	1545	3903	Sat	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	28-9	1115	6557	Mon	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	28-9	1115	11475	Mon	V WCJJ (x3) DE HBDD (x2)	CW	(JPL)
M95	28-9	1132	6876	Mon	BNGC DE XS30 NR 0835 CK 079 35 0928 1535 = //4542 kHz	CW	(JPL)
M95	28-9	1151	6352	Mon	NR 047 CK 47 35 0928 1438 = NR 56 CK 161 35 0928 1525 = //9042, 6352, 4156 UTC	CW	(JPL)
P03	1-9	1725	14415	Tue	Polish intel.	PSK	(AB)
P03	1-9	1730	14415	Tue	Polish intel.	PSK	(AB)
P03	2-9	1310	9063	Wed	Polish intel.	PSK	(AB)
P03	2-9	1315	9063	Wed	Polish intel.	PSK	(AB)
P03	4-9	0530	9431	Fri	Polish intel.	PSK	(AB)
P03	4-9	0535	9431	Fri	Polish intel.	PSK	(AB)
P03	4-9	1100	8186	Fri	Polish intel.	PSK	(AB)
P03	4-9	1105	8186	Fri	Polish intel.	PSK	(AB)
P03	4-9	1515	18636	Fri	Polish intel.	PSK	(AB)
P03	4-9	1520	18636	Fri	Polish intel.	PSK	(AB)
P03	5-9	1020	6849	Sat	Polish intel.	USB	(AB)
P03	5-9	1025	6849	Sat	Polish intel.	USB	(AB)
P03	5-9	1245	6807	Sat	Polish intel.	USB	(AB)

P03	5-9	1250	6807	Sat	Polish intel.	USB	(AB)
P03	5-9	1310	9063	Sat	Polish intel.	PSK	(AB)
P03	5-9	1315	9063	Sat	Polish intel.	PSK	(AB)
P03	6-9	0530	9431	Sun	Polish intel.	PSK	(AB)
P03	6-9	0535	9431	Sun	Polish intel.	PSK	(AB)
P03	6-9	1020	6849	Sun	Polish intel.	USB	(AB)
P03	6-9	1025	6849	Sun	Polish intel.	USB	(AB)
P03	6-9	1100	8186	Sun	Polish intel.	PSK	(AB)
P03	6-9	1105	8186	Sun	Polish intel.	PSK	(AB)
P03	6-9	1220	20167	Sun	Polish intel.	USB	(AB)
P03	6-9	1225	20167	Sun	Polish intel.	USB	(AB)
P03	6-9	1245	6807	Sun	Polish intel.	USB	(AB)
P03	6-9	1250	6807	Sun	Polish intel.	USB	(AB)
P03	6-9	1515	18636	Sun	Polish intel.	PSK	(AB)
P03	6-9	1520	18636	Sun	Polish intel.	PSK	(AB)
P03	6-9	1725	14415	Sun	Polish intel.	PSK	(AB)
P03	6-9	1730	14415	Sun	Polish intel.	PSK	(AB)
P03	6-9	1950	7670	Sun	Polish intel.	PSK	(AB)
P03	6-9	1955	7670	Sun	Polish intel.	PSK	(AB)
P03	11-9	1515	18636	Fri	Polish intel.	PSK	(AB)
P03	11-9	1520	18636	Fri	Polish intel.	PSK	(AB)
P03	12-9	1020	6849	Sat	Polish intel.	USB	(AB)
P03	12-9	1025	6849	Sat	Polish intel.	USB	(AB)
P03	12-9	1245	6807	Sat	Polish intel.	USB	(AB)
P03	12-9	1250	6807	Sat	Polish intel.	USB	(AB)
P03	12-9	1310	9063	Sat	Polish intel.	PSK	(AB)
P03	12-9	1315	9063	Sat	Polish intel.	PSK	(AB)
P03	13-9	0530	9431	Sun	Polish intel.	PSK	(AB)
P03	13-9	0535	9431	Sun	Polish intel.	PSK	(AB)
P03	13-9	1020	6849	Sun	Polish intel.	USB	(AB)
P03	13-9	1025	6849	Sun	Polish intel.	USB	(AB)
P03	13-9	1100	8186	Sun	Polish intel.	PSK	(AB)
P03	13-9	1105	8186	Sun	Polish intel.	PSK	(AB)
P03	13-9	1220	20167	Sun	Polish intel.	USB	(AB)
P03	13-9	1225	20167	Sun	Polish intel.	USB	(AB)
P03	13-9	1245	6807	Sun	Polish intel.	USB	(AB)
P03	13-9	1250	6807	Sun	Polish intel.	USB	(AB)
P03	13-9	1515	18636	Sun	Polish intel.	PSK	(AB)
P03	13-9	1520	18636	Sun	Polish intel.	PSK	(AB)
P03	13-9	1725	14415	Sun	Polish intel.	PSK	(AB)
P03	13-9	1730	14415	Sun	Polish intel.	PSK	(AB)
P03	13-9	1950	7670	Sun	Polish intel.	PSK	(AB)
P03	13-9	1955	7670	Sun	Polish intel.	PSK	(AB)
P03	14-9	1220	20167	Mon	Polish intel.	USB	(AB)

P03	14-9	1225	20167	Mon	Polish intel.	USB	(AB)
P03	15-9	1725	14415	Tue	Polish intel.	PSK	(AB)
P03	15-9	1730	14415	Tue	Polish intel.	PSK	(AB)
P03	16-9	1310	9063	Wed	Polish intel.	PSK	(AB)
P03	16-9	1315	9063	Wed	Polish intel.	PSK	(AB)
P03	17-9	1950	7670	Thu	Polish intel.	PSK	(AB)
P03	17-9	1955	7670	Thu	Polish intel.	PSK	(AB)
P03	18-9	0530	9431	Fri	Polish intel.	PSK	(AB)
P03	18-9	0535	9431	Fri	Polish intel.	PSK	(AB)
P03	18-9	1100	8186	Fri	Polish intel.	PSK	(AB)
P03	18-9	1105	8186	Fri	Polish intel.	PSK	(AB)
P03	18-9	1515	18636	Fri	Polish intel.	PSK	(AB)
P03	18-9	1520	18636	Fri	Polish intel.	PSK	(AB)
P03	19-9	1020	6849	Sat	Polish intel.	USB	(AB)
P03	19-9	1025	6849	Sat	Polish intel.	USB	(AB)
P03	19-9	1245	6807	Sat	Polish intel.	USB	(AB)
P03	19-9	1250	6807	Sat	Polish intel.	USB	(AB)
P03	19-9	1310	9063	Sat	Polish intel.	PSK	(AB)
P03	19-9	1315	9063	Sat	Polish intel.	PSK	(AB)
P03	20-9	0530	9431	Sun	Polish intel.	PSK	(AB)
P03	20-9	0535	9431	Sun	Polish intel.	PSK	(AB)
P03	20-9	1020	6849	Sun	Polish intel.	USB	(AB)
P03	20-9	1025	6849	Sun	Polish intel.	USB	(AB)
P03	20-9	1100	8186	Sun	Polish intel.	PSK	(AB)
P03	20-9	1105	8186	Sun	Polish intel.	PSK	(AB)
P03	20-9	1220	20167	Sun	Polish intel.	USB	(AB)
P03	20-9	1225	20167	Sun	Polish intel.	USB	(AB)
P03	20-9	1245	6807	Sun	Polish intel.	USB	(AB)
P03	20-9	1250	6807	Sun	Polish intel.	USB	(AB)
P03	20-9	1515	18636	Sun	Polish intel.	PSK	(AB)
P03	20-9	1520	18636	Sun	Polish intel.	PSK	(AB)
P03	20-9	1725	14415	Sun	Polish intel.	PSK	(AB)
P03	20-9	1730	14415	Sun	Polish intel.	PSK	(AB)
P03	20-9	1950	7670	Sun	Polish intel.	PSK	(AB)
P03	20-9	1955	7670	Sun	Polish intel.	PSK	(AB)
P03	21-9	1220	20167	Mon	Polish intel.	USB	(AB)
P03	21-9	1225	20167	Mon	Polish intel.	USB	(AB)
P03	22-9	1725	14415	Tue	Polish intel.	PSK	(AB)
P03	22-9	1730	14415	Tue	Polish intel.	PSK	(AB)
P03	23-9	1310	9063	Wed	Polish intel.	PSK	(AB)
P03	23-9	1315	9063	Wed	Polish intel.	PSK	(AB)
P03	24-9	1950	7670	Thu	Polish intel.	PSK	(AB)
P03	24-9	1955	7670	Thu	Polish intel.	PSK	(AB)
P03	25-9	0530	9431	Fri	Polish intel.	PSK	(AB)

P03	25-9	0535	9431	Fri	Polish intel.	PSK	(AB)
P03	25-9	1100	8186	Fri	Polish intel.	PSK	(AB)
P03	25-9	1105	8186	Fri	Polish intel.	PSK	(AB)
P03	25-9	1515	18636	Fri	Polish intel.	PSK	(AB)
P03	25-9	1520	18636	Fri	Polish intel.	PSK	(AB)
P03	26-9	1020	6849	Sat	Polish intel.	USB	(AB)
P03	26-9	1025	6849	Sat	Polish intel.	USB	(AB)
P03	26-9	1245	6807	Sat	Polish intel.	USB	(AB)
P03	26-9	1250	6807	Sat	Polish intel.	USB	(AB)
P03	26-9	1310	9063	Sat	Polish intel.	PSK	(AB)
P03	26-9	1315	9063	Sat	Polish intel.	PSK	(AB)
P03	27-9	0530	9431	Sun	Polish intel.	PSK	(AB)
P03	27-9	0535	9431	Sun	Polish intel.	PSK	(AB)
P03	27-9	1020	6849	Sun	Polish intel.	USB	(AB)
P03	27-9	1025	6849	Sun	Polish intel.	USB	(AB)
P03	27-9	1100	8186	Sun	Polish intel.	PSK	(AB)
P03	27-9	1105	8186	Sun	Polish intel.	PSK	(AB)
P03	27-9	1220	20167	Sun	Polish intel.	USB	(AB)
P03	27-9	1225	20167	Sun	Polish intel.	USB	(AB)
P03	27-9	1245	6807	Sun	Polish intel.	USB	(AB)
P03	27-9	1250	6807	Sun	Polish intel.	USB	(AB)
P03	27-9	1515	18636	Sun	Polish intel.	PSK	(AB)
P03	27-9	1520	18636	Sun	Polish intel.	PSK	(AB)
P03	27-9	1725	14415	Sun	Polish intel.	PSK	(AB)
P03	27-9	1730	14415	Sun	Polish intel.	PSK	(AB)
P03	27-9	1950	7670	Sun	Polish intel.	PSK	(AB)
P03	27-9	1955	7670	Sun	Polish intel.	PSK	(AB)
P03	28-9	1220	20167	Mon	Polish intel.	USB	(AB)
P03	28-9	1225	20167	Mon	Polish intel.	USB	(AB)
P03	29-9	1725	14415	Tue	Polish intel.	PSK	(AB)
P03	29-9	1730	14415	Tue	Polish intel.	PSK	(AB)
P03	30-9	1310	9063	Wed	Polish intel.	PSK	(AB)
P03	30-9	1315	9063	Wed	Polish intel.	PSK	(AB)
P03g	1-9	1100	8274	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	1-9	1105	8274	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	1-9	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	1-9	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	2-9	1100	8274	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	2-9	1105	8274	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	3-9	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	3-9	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	8-9	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	8-9	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	10-9	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)

P03g	10-9	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	15-9	1100	8274	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	15-9	1105	8274	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	15-9	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	15-9	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	16-9	1100	8274	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	16-9	1105	8274	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	17-9	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	17-9	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	22-9	1100	8274	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	22-9	1105	8274	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	22-9	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	22-9	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	23-9	1100	8274	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	23-9	1105	8274	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	24-9	1800	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	24-9	1805	7840	Thu	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	29-9	1100	8274	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	29-9	1105	8274	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	29-9	1800	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	29-9	1805	7840	Tue	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	30-9	1100	8274	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	30-9	1105	8274	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03i	1-9	0430	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	1-9	0435	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	1-9	1500	9902	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	1-9	1505	9902	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	3-9	0430	10210	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	3-9	0435	10210	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	4-9	1500	9902	Fri	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	4-9	1505	9902	Fri	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	8-9	1500	9902	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	8-9	1505	9902	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	11-9	1500	9902	Fri	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	11-9	1505	9902	Fri	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	15-9	0430	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	15-9	0435	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	15-9	1500	9902	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	15-9	1505	9902	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	18-9	1500	9902	Fri	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	18-9	1505	9902	Fri	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	22-9	0430	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	22-9	0435	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	22-9	1500	9902	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)

P03i	22-9	1505	9902	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	24-9	0430	10210	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	24-9	0435	10210	Thu	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	25-9	1500	9902	Fri	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	25-9	1505	9902	Fri	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	29-9	0430	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	29-9	0435	10210	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	29-9	1500	9902	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03i	29-9	1505	9902	Tue	Polish intel.	BPSK 100Bd/512bp	(AB)
P03k	1-9	1230	18265	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-9	1235	18265	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-9	0630	7504	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-9	0635	7504	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-9	1230	18265	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-9	1235	18265	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-9	1730	10429	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-9	1735	10429	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-9	0630	7504	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-9	0635	7504	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-9	1230	18265	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-9	1235	18265	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-9	1730	10429	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-9	1735	10429	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-9	0630	7504	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-9	0635	7504	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-9	1230	18265	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-9	1235	18265	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-9	1730	10429	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-9	1735	10429	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-9	0630	7504	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-9	0635	7504	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-9	1230	18265	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-9	1235	18265	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-9	1730	10429	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-9	1735	10429	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-9	0630	7504	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-9	0635	7504	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-9	1230	18265	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-9	1235	18265	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-9	1730	10429	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-9	1735	10429	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-9	0630	7504	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-9	0635	7504	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-9	1230	18265	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	22-9	1235	18265	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-9	1730	10429	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-9	1735	10429	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-9	0630	7504	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-9	0635	7504	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-9	1230	18265	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-9	1235	18265	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-9	1730	10429	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-9	1735	10429	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-9	0630	7504	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-9	0635	7504	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-9	1230	18265	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-9	1235	18265	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-9	1730	10429	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-9	1735	10429	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03l	2-9	1345	10641	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	2-9	1350	10641	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	3-9	1200	9079	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	3-9	1205	9079	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4-9	1345	10641`	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	4-9	1350	10641`	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9-9	1345	10641	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	9-9	1350	10641	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	11-9	1345	10641	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	11-9	1350	10641	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	14-9	1200	9079	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	14-9	1205	9079	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	16-9	1345	10641	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	16-9	1350	10641	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	17-9	1200	9079	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	17-9	1205	9079	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	18-9	1345	10641	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	18-9	1350	10641	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	21-9	1200	9079	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	21-9	1205	9079	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	23-9	1345	10641	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	23-9	1350	10641	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	24-9	1200	9079	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	24-9	1205	9079	Thu	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	25-9	1345	10641	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	25-9	1350	10641	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	28-9	1200	9079	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	28-9	1205	9079	Mon	Polish intel.	QPSK 100Bd/464bp	(AB)
P03l	30-9	1345	10641	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	30-9	1350	10641	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P07	2-9	1400	9311	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	2-9	1410	9071	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	2-9	1420	8189	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	2-9	1430	7894	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	2-9	1440	7488	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	2-9	1450	6783	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-9	1400	9311	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-9	1410	9071	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-9	1420	8189	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-9	1430	7894	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-9	1440	7488	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	6-9	1450	6783	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	9-9	1400	9311	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	9-9	1410	9071	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	9-9	1420	8189	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	9-9	1430	7894	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	9-9	1440	7488	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	9-9	1450	6783	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-9	1400	9311	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-9	1410	9071	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-9	1420	8189	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-9	1430	7894	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-9	1440	7488	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	13-9	1450	6783	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	16-9	1400	9311	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	16-9	1410	9071	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	16-9	1420	8189	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	16-9	1430	7894	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	16-9	1440	7488	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	16-9	1450	6783	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	20-9	1400	9311	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	20-9	1410	9071	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	20-9	1420	8189	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	20-9	1430	7894	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	20-9	1440	7488	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	20-9	1450	6783	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-9	1400	9311	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-9	1410	9071	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-9	1420	8189	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-9	1430	7894	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-9	1440	7488	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	23-9	1450	6783	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-9	1400	9311	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)

P07	27-9	1410	9071	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-9	1420	8189	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-9	1430	7894	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-9	1440	7488	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-9	1450	6783	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-9	1400	9311	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-9	1410	9071	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-9	1420	8189	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-9	1430	7894	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-9	1440	7488	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	30-9	1450	6783	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
Q26	1-9	1603	4541.75	Tue	Message	4+4 QPSK 75/1000 LSB	(JPL)
Q26	3-9	1102	6218.75	Thu	Message	4+4 QPSK 75/1000 LSB	(JPL)
Q26	3-9	1131	6876	Thu	Message //4542 kHz	4+4 QPSK 75/1000 LSB	(JPL)
Q26	9-9	0915	14793	Wed	D8MZ DE 1CIB D8MZ DE 1CIB D8MZ DE 1CIB (R)	4+4 75/3000 LSB	(EW)
Q26	13-9	1130	6876	Sun	Message //4542 kHz	4+4 QPSK 75/1000 LSB	(JPL)
Q26	13-9	1144	6352	Sun	Message //9042, 6352, 4156 kHz	4+4 QPSK 75/1000 LSB	(JPL)
Q26	15-9	1145	9042	Tue	Message //9042, 6352, 4156 kHz	4+4 QPSK 75/1000 LSB	(JPL)
Q26	18-9	1128	6218.75	Fri	Message	4+4 QPSK 75/1000 LSB	(JPL)
Q26	26-9	1139	6427	Sat	Message into unid mode at 1140z	4+4 QPSK 75/1000 LSB	(JPL)
Q26	26-9	1145	6352	Sat	Message	4+4 QPSK 75/1000 LSB	(JPL)
Q26	28-9	1131	6876	Mon	Message //4542 UTC	4+4 QPSK 75/1000 LSB	(JPL)
Q26	28-9	1140	6352	Mon	Message //9042, 6352, 4156 UTC	4+4 QPSK 75/1000 LSB	(JPL)
S06	1-9	0400	11616	Tue	480 539 60 71236 64028 61514 ... 75390 88615 10024 539 60 00000	USB	(Subilo)
S06	1-9	0420	9322	Tue	480 539 60 71236 64028 61514 ... 75390 88615 10024 539 60 00000	USB	(Subilo)
S06	2-9	0400	11616	Wed	480 639 17 02836 20391 91554 ... 33824 95553 81998 639 17 480 721 35 19404 41780 69555 ... 07359 57362 31989 721 35 00000	USB	(Subilo)
S06	2-9	0420	9322	Wed	480 639 17 02836 20391 91554 ... 33824 95553 81998 639 17 480 721 35 19404 41780 69555 ... 07359 57362 31989 721 35 00000	USB	(Subilo)
S06	3-9	0400	11616	Thu	480 639 17 02836 20391 91554 ... 33824 95553 81998 639 17 480 721 35 19404 41780 69555 ... 07359 57362 31989 721 35 00000	USB	(Subilo)
S06	3-9	0420	9322	Thu	480 639 17 02836 20391 91554 ... 33824 95553 81998 639 17 480 721 35 19404 41780 69555 ... 07359 57362 31989 721 35 00000	USB	(Subilo)
S06	4-9	0400	11616	Fri	480 480 480 00000	USB	(Subilo)
S06	4-9	0420	9322	Fri	480 480 480 00000	USB	(Subilo)
S06	7-9	0400	11616	Mon	480 517 60 82062 52070 89836 ... 62027 84051 09970 517 60 00000	USB	(Subilo)
S06	7-9	0420	9322	Mon	480 517 60 82062 52070 89836 ... 62027 84051 09970 517 60 00000	USB	(Subilo)
S06	8-9	0400	11616	Tue	480 517 60 82062 52070 89836 ... 62027 84051 09970 517 60 00000	USB	(Subilo)
S06	8-9	0420	9322	Tue	480 517 60 82062 52070 89836 ... 62027 84051 09970 517 60 00000	USB	(Subilo)
S06	9-9	0400	11616	Wed	480 263 19 94720 48711 66316 ... 54187 77530 95568 263 19 480 591 38 79687 39837 11179 ... 94642 16391 46949 591 38 00000	USB	(Subilo)
S06	9-9	0420	9322	Wed	480 263 19 94720 48711 66316 ... 54187 77530 95568 263 19 480 591 38 79687 39837 11179 ... 94642 16391 46949 591 38 00000	USB	(Subilo)
S06	10-9	0400	11616	Thu	480 263 19 94720 48711 66316 ... 54187 77530 95568 263 19 480 591 38 79687 39837 11179 ... 94642 16391 46949 591 38 00000	USB	(Subilo)

S06	10-9	0420	9322	Thu	480 263 19 94720 48711 66316 ... 54187 77530 95568 263 19 480 591 38 79687 39837 11179 ... 94642 16391 46949 591 38 00000	USB	(Subilo)
S06	12-9	0400	11616	Sat	480 480 480 00000	USB	(Subilo)
S06	12-9	0420	9322	Sat	480 480 480 00000	USB	(Subilo)
S06	14-9	0400	11616	Mon	480 267 54 88614 17064 64781 ... 38601 64172 74342 267 54 00000	USB	(Subilo)
S06	14-9	0420	9322	Mon	480 267 54 88614 17064 64781 ... 38601 64172 74342 267 54 00000	USB	(Subilo)
S06	15-9	0400	11616	Tue	480 267 54 88614 17064 64781 ... 38601 64172 74342 267 54 00000	USB	(Subilo)
S06	15-9	0420	9322	Tue	480 267 54 88614 17064 64781 ... 38601 64172 74342 267 54 00000	USB	(Subilo)
S06	16-9	0400	11616	Wed	480 391 24 62341 23831 04744 ... 70599 49195 39659 391 24 480 762 31 34005 60136 49716 ... 02042 98781 46946 14908 762 31 00000	USB	(Subilo)
S06	16-9	0420	9322	Wed	480 391 24 62341 23831 04744 ... 70599 49195 39659 391 24 480 762 31 34005 60136 49716 ... 02042 98781 46946 14908 762 31 00000	USB	(Subilo)
S06	17-9	0400	11616	Thu	480 391 24 62341 23831 04744 ... 70599 49195 39659 391 24 480 762 31 34005 60136 49716 ... 02042 98781 46946 14908 762 31 00000	USB	(Subilo)
S06	17-9	0420	9322	Thu	480 391 24 62341 23831 04744 ... 70599 49195 39659 391 24 480 762 31 34005 60136 49716 ... 02042 98781 46946 14908 762 31 00000	USB	(Subilo)
S06	18-9	0400	11616	Fri	480 480 480 00000	USB	(Subilo)
S06	18-9	0420	9322	Fri	480 480 480 00000	USB	(Subilo)
S06	21-9	0400	11616	Mon	480 139 54 62534 60074 72593 ... 45519 15082 48962 139 54 00000	USB	(Subilo)
S06	21-9	0420	9322	Mon	480 139 54 62534 60074 72593 ... 45519 15082 48962 139 54 00000	USB	(Subilo)
S06	22-9	0400	11616	Tue	480 139 54 62534 60074 72593 ... 45519 15082 48962 139 54 00000	USB	(Subilo)
S06	22-9	0420	9322	Tue	480 139 54 62534 60074 72593 ... 45519 15082 48962 139 54 00000	USB	(Subilo)
S06	23-9	0400	11616	Wed	480 562 30 93428 87166 42625 ... 47812 12389 31280 562 30 480 731 20 31882 02399 37167 ... 90965 71979 85507 721 20 00000	USB	(Subilo)
S06	23-9	0420	9322	Wed	480 562 30 93428 87166 42625 ... 47812 12389 31280 562 30 480 731 20 31882 02399 37167 ... 90965 71979 85507 721 20 00000	USB	(Subilo)
S06	24-9	0400	11616	Thu	480 562 30 93428 87166 42625 ... 47812 12389 31280 562 30 480 731 20 31882 02399 37167 ... 90965 71979 85507 721 20 00000	USB	(Subilo)
S06	24-9	0420	9322	Thu	480 562 30 93428 87166 42625 ... 47812 12389 31280 562 30 480 731 20 31882 02399 37167 ... 90965 71979 85507 721 20 00000	USB	(Subilo)
S06	25-9	0400	11616	Fri	480 480 480 00000	USB	(Subilo)
S06	25-9	0420	9322	Fri	480 480 480 00000	USB	(Subilo)
S06	28-9	0400	11616	Mon	480 321 40 92952 52587 61569 ... 49758 77183 49248 321 40 480 967 15 64737 41302 08616 ... 39123 21050 89884 967 15 00000	USB	(Subilo)
S06	28-9	0400	11616	Mon	480 569 60 94026 59003 66627 ... 76282 72081 88485 569 60 00000	USB	(Subilo)
S06	28-9	0420	9322	Mon	480 321 40 92952 52587 61569 ... 49758 77183 49248 321 40 480 967 15 64737 41302 08616 ... 39123 21050 89884 967 15 00000	USB	(Subilo)
S06	28-9	0420	9322	Mon	480 569 60 94026 59003 66627 ... 76282 72081 88485 569 60 00000	USB	(Subilo)
S06	29-9	0400	11616	Tue	480 569 60 94026 59003 66627 ... 76282 72081 88485 569 60 00000	USB	(Subilo)
S06	29-9	0420	9322	Tue	480 569 60 94026 59003 66627 ... 76282 72081 88485 569 60 00000	USB	(Subilo)
S11a	1-9	0445	10728	Tue	799/39 Vnimanaye 18234 08424 30339 ... 54778 86232 65991 Vnimanaye (msg rptd) Konets	USB	(AB)
S11a	1-9	1400	11420	Tue	429/00 Konets	USB	(AB/Lac)
S11a	2-9	0510	23004	Wed	657/00 Konets	USB	(AB-POL)
S11a	2-9	1850	10213	Wed	288/00 Konets	USB	(AB/Lac)

S11a	3-9	0445	10728	Thu	799/39 Vnimanaye 18234 08424 30339 ... 54778 86232 65991 Vnimanaye (msg rptd) Konets	USB	(AB/Subilo)
S11a	3-9	0700	8597	Thu	479/00 Konets	USB	(Lac)
S11a	4-9	1040	6480	Fri	485/00 Konets	USB	(AB)
S11a	4-9	1400	11420	Fri	424/00 Konets	USB	(AB)
S11a	5-9	0830	6433	Sat	373/33 Vnimanaye 49301 08546 13298 ... 02966 34224 76692 Vnimanaye (msg rptd) Konets	USB	(AB/Lac/Subilo)
S11a	5-9	1850	10213	Sat	286/00 Konets	USB	(AB/Lac)
S11a	6-9	0830	6433	Sun	373/33 Vnimanaye 49301 08546 13298 ... 02966 34224 76692 Vnimanaye (msg rptd) Konets	USB	(AB/Lac/Subilo)
S11a	7-9	0700	8597	Mon	476/00 Konets	USB	(AB/Lac)
S11a	7-9	0915	6480	Mon	485/00 Konets	USB	(AB/Lac)
S11a	8-9	1400	11420	Tue	421/00 Konets	USB	(AB/Lac)
S11a	9-9	0735	19606	Wed	383/00 Konets	USB	(Lac)
S11a	9-9	1850	10213	Wed	288/00 Konets	USB	(AB/Lac)
S11a	10-9	0700	8597	Thu	476/00 Konets	USB	(AB)
S11a	11-9	0735	19606	Fri	384/00 Konets	USB	(Lac)
S11a	11-9	1040	6480	Fri	482/00 Konets	USB	(Lac)
S11a	11-9	1400	11420	Fri	429/00 Konets	USB	(AB/Lac)
S11a	12-9	0830	6433	Sat	372/00 Konets	USB	(AB)
S11a	12-9	1850	10213	Sat	280/00 Konets	USB	(AB)
S11a	13-9	0830	6433	Sun	373/00 Konets	USB	(AB/Lac)
S11a	14-9	0700	8597	Mon	478/33 Vnimanaye 61718 69126 44695 ... 11239 15027 42155 Vnimanaye (msg rptd) Konets	USB	(AB/Subilo)
S11a	14-9	0915	6480	Mon	485/00 Konets	USB	(AB)
S11a	15-9	0445	10728	Tue	791/00 Konets	USB	(AB)
S11a	15-9	1400	11420	Tue	421/35 Vnimanaye 37170 02904 27848 ... 12028 82193 36447 Vnimanaye (msg rptd) Konets	USB	(AB/Subilo)
S11a	16-9	0510	23004	Wed	654/00 Konets	USB	(AB-POL)
S11a	16-9	1850	10213	Wed	287/38 Vnimanaye 42947 80204 88122 33689 ... 51857 11484 31267 Vnimanaye (msg rptd) Konets	USB	(AB/Subilo)
S11a	17-9	0700	8597	Thu	478/33 Vnimanaye 61718 69126 44695 ... 11239 15027 42155 Vnimanaye (msg rptd) Konets	USB	(AB/Subilo)
S11a	18-9	0735	19606	Fri	381/00 Konets	USB	(Lac)
S11a	18-9	1040	6480	Fri	483/00 Konets	USB	(AB/Lac)
S11a	18-9	1400	11420	Fri	421/35 Vnimanaye 37170 02904 27848 ... 12028 82193 36447 Vnimanaye (msg rptd) Konets	USB	(AB/Lac/Subilo)
S11a	19-9	0830	6433	Sat	379/00 Konets	USB	(AB/Lac)
S11a	19-9	1850	10213	Sat	287/38 Vnimanaye 42947 80204 88122 33689 ... 51857 11484 31267 Vnimanaye (msg rptd) Konets	USB	(AB-IRL/Subilo)
S11a	20-9	0830	6433	Sun	373/00 Konets	USB	(AB/Lac)
S11a	21-9	0510	23004	Mon	652/33 Vnimanaye 27709 90714 60736 ... 15343 73189 58914 Vnimanaye (msg rptd) Konets	USB	(AB-POL/Subilo)
S11a	21-9	0700	8597	Mon	472/00 Konets	USB	(AB)
S11a	21-9	0915	6480	Mon	480/39 Vnimanaye 14361 56367 94780 ... 45324 43826 58008 Vnimanaye (msg rptd)	USB	(AB/Subilo)

					Konets		
S11a	22-9	0445	10728	Tue	793/00 Konets	USB	(AB)
S11a	22-9	1400	11420	Tue	422/00 Konets	USB	(AB/Lac)
S11a	23-9	0510	23004	Wed	652/33 Vnmaniye 27709 90714 60736 ... 15343 73189 48914 Vnmaniye (msg rptd) Konets	USB	(Subilo)
S11a	23-9	0735	19606	Wed	387/31 Vnmaniye 97983 78104 07110 ... 56348 30755 02791 Vnmaniye (msg rptd) Konets	USB	(AB-POL/Subilo)
S11a	23-9	1850	10213	Wed	280/00 Konets	USB	(AB)
S11a	24-9	0445	10728	Thu	796/00 Konets	USB	(AB)
S11a	24-9	0700	8597	Thu	470/00 Konets	USB	(AB)
S11a	25-9	0735	19606	Fri	387/31 Vnmaniye 97983 78104 07110 ... 56348 30755 02791 Vnmaniye (msg rptd) Konets	USB	(AB-POL/Subilo)
S11a	25-9	1040	6480	Fri	480/39 Vnmaniye 14361 56367 94780 ... 45324 43826 58008 Vnmaniye (msg rptd) Konets0	USB	(AB/Subilo)
S11a	25-9	1400	11420	Fri	420/00 Konets	USB	(AB)
S11a	26-9	0830	6433	Sat	372/00 Konets	USB	(AB)
S11a	26-9	1850	10213	Sat	287/00 Konets	USB	(AB)
S11a	27-9	0830	6433	Sun	373/00 Konets	USB	(AB)
S11a	28-9	0510	23004	Mon	654/00 Konets	USB	(AB-POL)
S11a	28-9	0700	8597	Mon	476/00 Konets	USB	(AB)
S11a	28-9	0915	6480	Mon	480/00 Konets	USB	(AB)
S11a	29-9	0445	10728	Tue	797/00 Konets	USB	(AB)
S11a	29-9	1400	11420	Tue	424/00 Konets	USB	(AB/Lac)
S11a	30-9	0735	19606	Wed	387/00 Konets	USB	(AB-POL/Lac)
S11a	30-9	1850	10213	Wed	281/00 Konets	USB	(AB)
UM04	1-9	0700	4735	Tue	VVV VVV PROMRCh = 01 09 = 1000 0700 0730 0850 1260 ... 0800 0660 0690 0800 1150 = AR	CW	(AB-GRC)
UM04	2-9	0659	4735	Wed	VVV VVV PROMRCh = 02 09 = 1000 0690 0720 0840 1250 ... 0800 0660 0690 0810 1150 = AR	CW	(AB-HNG)
UM04	3-9	0702	4735	Thu	VVV VVV PROMRCh = 03 09 = 1000 0700 0740 0850 1250 ... 0800 0660 0700 0810 1160 = AR	CW	(AB-GRC)
UM04	4-9	0700	4735	Fri	VVV VVV PROMRCh = 04 09 = 1000 0710 0740 0860 1250 ... 0800 0660 0700 0810 1160 = AR	CW	(AB-GRC)
UM04	7-9	0700	4735	Mon	VVV VVV PROMRCh = 07 09 = 1000 0720 0750 0880 1250 ... 0800 0670 0710 0830 1180 = AR	CW	(AB-GRC)
UM04	8-9	0700	4735	Tue	VVV VVV PROMRCh = 08 09 = 1000 0730 0770 0890 1260 ... 0800 0670 0710 0830 1190 = AR	CW	(Subilo)
UM04	9-9	0659	4735	Wed	Test tones. 0707z: VVV VVVV. Message at 0717z: VVV VVV PROMRCh = 09 09 = 1000 0730 0760 0890 1260 ... 0800 0680 0710 0840 1200 = AR	CW	(AB-HNG/Subilo)
UM04	10-9	0702	4735	Thu	VVV VVV PROMRCh = 10 09 = 1000 0680 0720 0850 1250 ... 0800 0670 0710 0830 1200 = AR	CW	(AB-GRC)
UM04	11-9	0659	4735	Fri	VVV VVV PROMRCh = 11 09 = 1000 0710 0740 0870 1250 ... 0800 0670 0710 0840 1200 = AR	CW	(Subilo)
UM04	12-9	0700	4735	Sat	VVV VVV PROMRCh = 12 09 = 1000 0690 0730 0870 1250 ... 0800 0670 0700 0830 1200 = AR	CW	(Subilo)
UM04	13-9	0700	4735	Sun	VVV VVV PROMRCh = 13 09 = 1000 0710 0740 0880 1260 ... 0800 0670 0700 0830 1200 = AR	CW	(AB-SRB)
UM04	14-9	0700	4735	Mon	VVV VVV PROMRCh = 14 09 = 1000 0700 0740 0880 1270 ... 0800 0670 0700 0830 1200 = AR	CW	(Subilo)
UM04	15-9	0700	4735	Tue	VVV VVV PROMRCh = 15 09 = 1000 0730 0760 0900 1290 ... 0800 0670 0700 0830 1210 = AR	CW	(AB-GRC)
UM04	16-9	0700	4735	Wed	VVV VVV PROMRCh = 16 09 = 1000 0760 0800 0930 1330 ... 0800 0670 0710 0840 1210 = AR	CW	(Subilo)
UM04	17-9	0701	4735	Thu	VVV VVV PROMRCh = 17 09 = 1000 0720 0760 0900 1300 ... 0800 0660 0700 0830 1210 = AR	CW	(AB-GRC)
UM04	18-9	0700	4735	Fri	VVV VVV PROMRCh = 18 09 = 1000 0520 0760 0890 1300 ... 0800 0660 0700 0830 1210 = AR	CW	(Subilo)
UM04	19-9	0700	4735	Sat	VVV VVV PROMRCh = 19 09 = 1000 0740 0780 0920 1320 ... 0800 0660 0690 0830 1200 = AR	CW	(Subilo)
UM04	20-9	0700	4735	Sun	VVV VVV PROMRCh = 20 09 = 1000 0750 0790 0930 1340 ... 0800 0660 0700 0830 1210 = AR	CW	(AB-SRB)
UM04	21-9	0700	4735	Mon	VVVVV PROMRCh = 21 09 = 1000 0740 0780 0920 1340 ... 0800 0660 0700 0830 1210 = AR	CW	(AB-GRC)

UM04	22-9	0700	4735	Tue	VVV VVV PROMRCh = 22 09 = 1000 0750 0790 0930 1350 ... 0800 0660 0700 0830 1210 = AR	CW	(AB-HNG)
UM04	23-9	0700	4735	Wed	VVV VVV PROMRCh = 23 09 = 1000 0750 0790 0930 1340 ... 0800 0660 0700 0830 1210 = AR	CW	(AB-GRC)
UM04	24-9	0700	4735	Thu	VVV VVV PROMRCh = 24 09 = 1000 0740 0780 0930 1340 ... 0800 0650 0700 0830 1210 = AR	CW	(AB-GRC)
UM04	25-9	0700	4735	Fri	VVV VVV PROMRCh = 25 09 = 1000 0740 0780 0930 1340 ... 0800 0640 0680 0820 1200 = AR	CW	(AB-HNG)
UM04	26-9	0700	4735	Sat	VVV VVV PROMRCh = 26 09 = 1000 0750 0790 0930 1340 ... 0800 0640 0680 0820 1190 = AR	CW	(Subilo)
UM04	27-9	0700	4735	Sun	VVV VVV PROMRCh = 27 09 = 1000 0740 0790 0930 1340 ... 0800 0640 0680 0810 1180 = AR	CW	(AB-HNG)
UM04	28-9	0700	4735	Mon	VVV VVV PROMRCh = 28 09 = 1000 0740 0780 0930 1330 ... 0800 0630 0670 0800 1170 = AR	CW	(AB-HNG)
UM04	29-9	0700	4735	Tue	VVV VVV PROMRCh = 29 09 = 1000 0640 0780 0930 1330 ... 0800 0620 0660 0790 1160 = AR	CW	(AB-HNG)
UM04	30-9	0700	4735	Wed	VVV VVV PROMRCh = 30 09 = 1000 0740 0780 0930 1340 ... 0800 0620 0660 0790 1160 = AR	CW	(AB-GRC)
UM10	13-9	0950	6780	Sun	QUXF (R10m)	CW	(JPL)
UM10	13-9	0950	6790	Sun	JATD (R10m)	CW	(JPL)
UM10	13-9	1020	6780	Sun	QUXF (R10m)	CW	(JPL)
UM10	13-9	1020	6790	Sun	JATD (R10m)	CW	(JPL)
UM10	15-9	0920	5918	Tue	QUXF (R10m)	CW	(JPL)
UM10	15-9	0920	6780	Tue	QUXF (R10m)	CW	(JPL)
UM10	15-9	1020	6790	Tue	JATD (R10m)	CW	(JPL)
UM10	15-9	1020	7335	Tue	JATD (R10m)	CW	(JPL)
UM10	17-9	1220	3542	Thu	HDNA (R10m)	CW	(JPL)
UM10	19-9	2020	3542	Sat	HDNA (R10m)	CW	(JPL)
UM10	19-9	2020	4116	Sat	HDNA (R10m)	CW	(JPL)
UM10	20-9	1250	3257	Sun	SDXL (R10m)	CW	(JPL)
UM10	20-9	1320	3257	Sun	SDXL (R10m)	CW	(JPL)
UM10	20-9	1320	3629	Sun	SDXL (R10m)	CW	(JPL)
V26	18-9	1148	6352	Fri	voice traffic //9042, 6352, 4156 kHz	USB	(JPL)
V26	26-9	1139	6352	Sat	MS18 MS18 A NA NA HR MSG GA YR PSE CY (End of transmission)	USB	(JPL)
V26	26-9	1139	6352	Sat	MS18 MS18 A NA NA HR MSG GA YR PSE CY (End of transmission) //9042, 6352, 4156 UTC	USB	(JPL)
V28	28-8	2101	3042.5	Fri	Parrot. Weak but relatively stable carrier with poor modulation but audible nonetheless.	AM	(GT)
V28	28-8	2101	5562.2	Fri	Parrot. Carrier continues after broadcast is seemingly over but becomes unstable and wobbly. Carrier off at 2118z	AM	(GT)
V28	29-8	2103	3042.8	Sat	Parrot. Off at 2106z	AM	(GT)
V28	29-8	2109	5488.8	Sat	Parrot. Carrier goes crazy and modulation drops. Carrier became much stronger and climbed higher ending at 2110z at 5490.8 kHz	AM	(GT)
V28	31-8	2059	5490.1	Mon	Parrot. Carrier up. At 2103z audio after sudden jump to 5491.6 kHz. 2108z carrier moved up to 5491.9 kHz but audio ends. 2109z carrier off	AM	(GT)
V28	31-8	2103	3042.5	Mon	Parrot. Off at 2106z	AM	(GT)
V28	1-9	2102	3042	Tue	Parrot	AM	(Pille)
V28	1-9	2103	3042.35	Tue	Parrot. Broadcast was 3 minutes long with usual very poor audio but stable carrier	AM	(GT)
V28	2-9	2058	5488.05	Wed	Parrot. Carrier is not as wobbly as usual, drifting less than 1 kHz up or down. Broadcast ends at 2108 and carrier drops at 2110z	AM	(GT)
V28	2-9	2058	5488.05	Wed	Parrot. Carrier is not as wobbly as usual, drifting less than 1 kHz up or down. Broadcast ends at 2108 and carrier drops at 2110z	AM	(GT)
V28	2-9	2100	3030	Wed	Parrot	AM	(HK)
V28	2-9	2100	5487	Wed	Parrot	AM	(HK)
V28	2-9	2100	3030	Wed	Parrot. Poor modulation and wobbly carrier, as always	AM	(Jun)

V28	2-9	2100	5487	Wed	Parrot. Poor modulation and wobbly carrier, as always	AM	(Jun)
V28	2-9	2104	3030.3	Wed	Parrot i.p. Stable carrier but very poor modulation. Off at 2106z	AM	(GT)
V28	2-9	2104	3030.3	Wed	Parrot i.p. Stable carrier but very poor modulation. Off at 2106z	AM	(GT)
V28	3-9	2101	5488	Thu	Parrot	AM	(HK)
V28	3-9	2101	5486	Thu	Parrot. Female operator	AM	(WLTZ)
V28	3-9	2103	3042	Thu	Parrot	AM	(WLTZ)
V28	3-9	2106	5062	Thu	Parrot	AM	(HK)
V28	4-9	2058	5488.4	Fri	Parrot. Program went for approximately 1 minute but carrier remained on and drifting after. Off 2109z after drifting as high as 5491.1 kHz	AM	(GT)
V28	4-9	2102	3044.6	Fri	Parrot	AM	(GT)
V28	7-9	2100	3038.6	Mon	Parrot with little to no modulation	AM	(GT)
V28	7-9	2100	3038.5	Mon	Parrot	AM	(WLTZ)
V28	7-9	2101	5490	Mon	Parrot with wobbly carrier but strong modulation	AM	(GT)
V28	7-9	2105	5490	Mon	Parrot	AM	(WLTZ)
V28	8-9	0620	5488.5	Tue	Parrot	AM	(WLTZ)
V28	8-9	2100	3038.5	Tue	Parrot	AM	(WLTZ)
V28	9-9	2058	5498.3	Wed	Parrot. Modulation off at 2109z and carrier jumped up afterwards then dropped.	AM	(GT)
V28	9-9	2103	3044	Wed	Parrot. Off at 2106z	AM	(GT/WLTZ)
V28	9-9	2106	4583	Wed	Parrot. Drifting signal. Female and male operators	AM	(WLTZ)
V28	10-9	2059	5496	Thu	Parrot. Signal drifting to 5499 kHz. Very poor with female voice occasionally rising above noise level. Off at 2109z	AM	(GT)
V28	10-9	2100	3044.7	Thu	Parrot. Better modulation, audible at least. Male voice off at 2106z	AM	(GT/WLTZ)
V28	10-9	2102	5499	Thu	Parrot	AM	(WLTZ)
V28	10-9	2109	4594	Thu	Parrot i.p.	AM	(WLTZ)
V28	10-9	2117	3042	Thu	Parrot	AM	(WLTZ)
V28	11-9	2100	5497	Fri	Parrot. Shouting voice, presumably male is audible in background	AM	(WLTZ)
V28	12-9	2100	3035	Sat	Parrot. Barely audible	AM	(WLTZ)
V28	12-9	2100	5497	Sat	Parrot	AM	(WLTZ)
V28	13-9	2059	5498.3	Sun	Parrot. Female voice with strong carrier and modulation. Modulation drops at 2109 and carrier then wandered as high as 5500 kHz before dropping at 2110z	AM	(GT/WLTZ)
V28	13-9	2103	3044.2	Sun	Parrot. Weak carrier and modulation with male and female operators. Off at 2106z	AM	(GT/WLTZ)
V28	14-9	2101	3035.5	Mon	Parrot. Female voice off at 2103z. Back at 2104z much weaker than before and getting weaker until off at 2105z	AM	(GT)
V28	14-9	2101	3035.5	Mon	Parrot	AM	(WLTZ)
V28	14-9	2106	4538.2	Mon	Parrot. Female operator. Off at 2108z	AM	(GT/WLTZ)
V28	15-9	0859	5492	Tue	Parrot	AM	(WLTZ)
V28	15-9	0902	3044.5	Tue	Parrot	AM	(WLTZ)
V28	15-9	2100	5497.5	Tue	Parrot. Female voice	AM	(GT/WLTZ)
V28	15-9	2104	3044.4	Tue	Parrot i.p. Off at 2106z	AM	(GT/WLTZ)
V28	16-9	2101	3036.4	Wed	Parrot. Off at 2106z. Very low modulation and unstable carrier.	AM	(GT/WLTZ)
V28	16-9	2101	5497.4	Wed	Parrot drifting to 5498.2 kHz. Low modulation with female operator. Modulation stopped at 2109z and carrier dropped at 2110z	AM	(GT/WLTZ)
V28	17-9	2100	5496.7	Thu	Parrot drifting to 5501 kHz. Female shouting with comparatively good signal; modulation stops at 2109z but carrier remains and continues drifting higher until dropping at 2113z	AM	(GT/WLTZ)
V28	17-9	2103	3044.1	Thu	Parrot with no audible modulation. Off at 2106z	AM	(GT/WLTZ)

V28	17-9	2113	3038	Thu	Parrot. Carrier only	AM	(WLTZ)
V28	18-9	0900	5495	Fri	Parrot. Female operator. Off during intro. Back after 18sec.	AM	(WLTZ)
V28	18-9	0900	5495	Fri	Parrot. Female operator message intro breaks up and then cuts off, transmission comes back 18 seconds later	AM	(WLTZ)
V28	18-9	2059	3035	Fri	Parrot. Poor modulation. Off at 2105z	AM	(GT)
V28	18-9	2059	3035	Fri	Parrot. Poor modulation. Off at 2105z	AM	(GT)
V28	18-9	2100	5496.6	Fri	Parrot with very poor modulation. Only heard on occasional peaks. Female voice. Drifts up to 5498.9 kHz	AM	(GT/WLTZ)
V28	18-9	2100	5496.6	Fri	Parrot. Very poor modulation Only heard on occasional peaks. Female voice. drifts up to 5498.9 kHz	AM	(GT/WLTZ)
V28	20-9	2059	5496.5	Sun	Parrot. Female operator	AM	(WLTZ)
V28	20-9	2113	5496.5	Sun	Parrot. Male operator. The same message was repeated during the entire transmission	AM	(WLTZ)
V28	22-9	0900	3044.2	Tue	Parrot. Very weak	AM	(WLTZ)
V28	22-9	0901	5496.5	Tue	Parrot. Female operator. Drifting signal. See picture below	AM	(WLTZ)
V28	22-9	2100	5496.5	Tue	Parrot. Female operator	AM	(WLTZ)
V28	22-9	2110	3044	Tue	Parrot i.p. Male operator	AM	(WLTZ)
V28	23-9	0901	5495	Wed	Parrot. Female operator. Drifting to 5497 kHz	AM	(HK)
V28	23-9	2101	3044.15	Wed	Parrot. Off at 2106z. Very weak. Carrier only	AM	(GT/WLTZ)
V28	23-9	2101	5496	Wed	Parrot. Drifting to 5498 kHz. Male Operator. Very weak	AM	(GT/WLTZ)
V28	24-9	2058	5495	Thu	Parrot. Female operator; ended abruptly at 2102z)	AM	(WLTZ)
V28	24-9	2103	3044.1	Thu	Parrot. Male operator	AM	(WLTZ)
V28	25-9	2058	5496	Fri	Parrot. Female operator; stops talking abruptly at 2104z and carrier drifts before transmission ends at 2105z	AM	(WLTZ)
V28	25-9	2100	3044	Fri	Parrot	AM	(WLTZ)
V28	26-9	2102	3044.25	Sat	Parrot. Female operator	AM	(WLTZ)
V28	26-9	2107	4584	Sat	Parrot. Carrier only	AM	(WLTZ)
V28	27-9	2100	5505	Sun	Parrot. Female operator	AM	(WLTZ)
V28	27-9	2103	3044.5	Sun	Parrot	AM	(WLTZ)
V28	27-9	2106	3045	Sun	Parrot. Female operator; carrier keeps cutting out	AM	(WLTZ)
V28	28-9	2102	3044.5	Mon	Parrot	AM	(WLTZ)
V28	28-9	2106	5499	Mon	Parrot	AM	(WLTZ)
V28	29-9	2102	3044	Tue	Parrot. Female and male operators	AM	(WLTZ)
V28	29-9	2103	5500	Tue	Parrot	AM	(WLTZ)
V28	30-9	2158	3044.8	Wed	Parrot	USB	(WLTZ)
V28	30-9	2204	5514	Wed	Parrot	AM	(SSD)
VC03	28-9	1422	5332	Mon	Chinese Air Defense	LSB	(MJW)
X--	21-9	0831	20159	Mon	Russian intel.	MFSK-21/MFSK-13	(AB)
X--	21-9	0836	19217	Mon	Russian intel.	MFSK-21/MFSK-13	(AB)
X--	23-9	1345	9312	Wed	Russian intel.	MFSK-21/MFSK-13	(AB)
X--	24-9	0840	15787	Thu	Russian intel.	MFSK-21/MFSK-13	(AB)
X06	11-9	0645	13427	Fri	MFA Moscow clg 341265: unid embassy	MFSK-6	(RO)
X06	13-9	0917	16060	Sun	MFA Moscow clg 261453: Russian embassy Cairo	MFSK-6	(RO)
X06	13-9	1020	15810	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(Moon)
X06	13-9	1525	14538	Sun	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(T101)
X06	15-9	1527	14358	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(T101)

X06	16-9	1226	15819	Wed	MFA Moscow clg 256341: Russian embassy Beirut	MFSK-6	(T101)
X06	16-9	1345	13838	Wed	MFA Moscow clg 256341: Russian embassy Beirut	MFSK-6	(T101)
X06	17-9	0804	19858	Thu	MFA Moscow clg 351264: Russian embassy Abu Dhabi	MFSK-6	(RO)
X06	17-9	0807	17534	Thu	MFA Moscow clg 351264: Russian embassy Abu Dhabi	MFSK-6	(RO)
X06	17-9	0936	18195	Thu	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(RO)
X06	17-9	1722	14824	Thu	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(T101)
X06	22-9	0733	13420	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(Moon)
X06	22-9	0756	17523	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(Moon)
X06	24-9	0857	16153	Thu	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(Moon)
XPA1	2-9	1210	12137	Wed	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(AB)
XPA1	2-9	1230	11137	Wed	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(AB)
XPA1	2-9	1250	10237	Wed	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(AB)
XPA1	4-9	1210	12137	Fri	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(AB)
XPA1	4-9	1230	11137	Fri	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(AB)
XPA1	4-9	1250	10237	Fri	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(AB)
XPA1	9-9	1210	12137	Wed	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(AB)
XPA1	9-9	1230	11137	Wed	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(AB/PY)
XPA1	9-9	1250	10237	Wed	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(AB/PY)
XPA1	11-9	1210	12137	Fri	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(TM/PY)
XPA1	11-9	1230	11137	Fri	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(TM/PY)
XPA1	11-9	1250	10237	Fri	112 112 112 1 04406 00407 30340 ... 51991 79596 17160	MFSK-17/10Bd	(TM)
XPA1	16-9	1210	12137	Wed	112 112 112 000 07476 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	16-9	1230	11137	Wed	112 112 112 000 07476 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	16-9	1250	10237	Wed	112 112 112 000 07476 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	18-9	1210	12137	Fri	112 112 112 000 09619 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	18-9	1230	11137	Fri	112 112 112 000 09619 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	18-9	1250	10237	Fri	112 112 112 000 09619 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	23-9	1210	12137	Wed	112 112 112 000 04147 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	23-9	1230	11137	Wed	112 112 112 000 04147 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	23-9	1250	10237	Wed	112 112 112 000 04147 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	25-9	1210	12137	Fri	112 112 112 000 07364 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	25-9	1230	11137	Fri	112 112 112 000 07364 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	25-9	1250	10237	Fri	112 112 112 000 07364 00001 00000 10140	MFSK-17/10Bd	(AB)
XPA1	30-9	1210	12137	Wed	112 112 112 1 08587 00136 81810 ... 70238 96577 16325	MFSK-17/10Bd	(AB)
XPA1	30-9	1230	11137	Wed	112 112 112 1 08587 00136 81810 ... 70238 96577 16325	MFSK-17/10Bd	(AB)
XPA1	30-9	1250	10237	Wed	112 112 112 1 08587 00136 81810 ... 70238 96577 16325	MFSK-17/10Bd	(AB)
XPA2	1-9	1100	13431	Tue	09310 00092 77995 ... 63503 47394 04322	MFSK-14/7.8125Bd	(AB)
XPA2	1-9	1120	12131	Tue	09310 00092 77995 ... 63503 47394 04322	MFSK-14/7.8125Bd	(AB)
XPA2	1-9	1140	11431	Tue	09310 00092 77995 ... 63503 47394 04322	MFSK-14/7.8125Bd	(AB)
XPA2	1-9	1700	17426	Tue	06398 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	1-9	1720	16274	Tue	06398 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	1-9	1740	14939	Tue	06398 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	2-9	0720	17497	Wed	00922 00212 83723 ... 69315 44537 50374	MFSK-14/7.8125Bd	(PY)
XPA2	2-9	0740	18179	Wed	00922 00212 83723 ... 69315 44537 50374	MFSK-14/7.8125Bd	(PY)

XPA2	2-9	0910	19536	Wed	02375 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	2-9	0930	18467	Wed	02375 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	2-9	0950	16317	Wed	02375 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	2-9	1100	18583	Wed	00478 00090 29107 ... 74317 02263 75507	MFSK-14/7.8125Bd	(AB/PY)
XPA2	2-9	1120	17431	Wed	00478 00090 29107 ... 74317 02263 75507	MFSK-14/7.8125Bd	(AB/PY)
XPA2	2-9	1140	15821	Wed	00478 00090 29107 ... 74317 02263 75507	MFSK-14/7.8125Bd	(AB)
XPA2	2-9	1800	16351	Wed	04063 00179 89620 ... 40009 49166 22602	MFSK-14/7.8125Bd	(AB)
XPA2	2-9	1820	14851	Wed	04063 00179 89620 ... 40009 49166 22602	MFSK-14/7.8125Bd	(AB)
XPA2	2-9	1840	13951	Wed	04063 00179 89620 ... 40009 49166 22602	MFSK-14/7.8125Bd	(AB)
XPA2	3-9	0900	19572	Thu	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(AB)
XPA2	3-9	0920	18054	Thu	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(AB)
XPA2	3-9	0940	17471	Thu	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(AB)
XPA2	3-9	1100	18583	Thu	00478 00090 29107 ... 74317 02263 75507	MFSK-14/7.8125Bd	(AB)
XPA2	3-9	1120	17431	Thu	00478 00090 29107 ... 74317 02263 75507	MFSK-14/7.8125Bd	(AB)
XPA2	3-9	1140	15821	Thu	00478 00090 29107 ... 74317 02263 75507	MFSK-14/7.8125Bd	(AB)
XPA2	3-9	1700	17426	Thu	04587 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	3-9	1720	16274	Thu	04587 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	3-9	1740	14939	Thu	04587 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	4-9	1100	13431	Fri	09310 00092 77995 ... 63503 47394 04322	MFSK-14/7.8125Bd	(AB)
XPA2	4-9	1120	12131	Fri	09310 00092 77995 ... 63503 47394 04322	MFSK-14/7.8125Bd	(AB)
XPA2	4-9	1140	11431	Fri	09310 00092 77995 ... 63503 47394 04322	MFSK-14/7.8125Bd	(AB)
XPA2	4-9	1800	16351	Fri	04063 00179 89620 ... 40119 49176 22602	MFSK-14/7.8125Bd	(AB)
XPA2	4-9	1820	14851	Fri	04063 00179 89620 ... 40119 49176 22602	MFSK-14/7.8125Bd	(AB)
XPA2	4-9	1840	13951	Fri	04063 00179 89620 ... 40119 49176 22602	MFSK-14/7.8125Bd	(AB)
XPA2	5-9	0900	19572	Sat	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(AB)
XPA2	5-9	0920	18054	Sat	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(AB)
XPA2	5-9	0940	17471	Sat	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(AB)
XPA2	5-9	1520	16094	Sat	06524 00001 00000 10140	MFSK-14/7.8125Bd	(PY)
XPA2	5-9	1540	14926	Sat	06524 00001 00000 10140	MFSK-14/7.8125Bd	(PY)
XPA2	7-9	0700	16113	Mon	07067 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	7-9	0720	17497	Mon	07067 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	7-9	0740	18179	Mon	07067 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	7-9	0910	19536	Mon	03473 00001 00000 10140	MFSK-14/7.8125Bd	(AB/PY)
XPA2	7-9	0930	18467	Mon	03473 00001 00000 10140	MFSK-14/7.8125Bd	(AB/PY)
XPA2	7-9	0950	16317	Mon	03473 00001 00000 10140	MFSK-14/7.8125Bd	(AB/PY)
XPA2	7-9	1500	17479	Mon	05290 00194 43412 ... 06118 26226 55650	MFSK-14/7.8125Bd	(PY)
XPA2	7-9	1540	14926	Mon	05290 00194 43412 ... 06118 26226 55650	MFSK-14/7.8125Bd	(PY)
XPA2	8-9	1100	13431	Tue	04336 00001 00000 00140	MFSK-14/7.8125Bd	(PY)
XPA2	8-9	1700	17426	Tue	04520 00177 11747 ... 68453 29359 01375	MFSK-14/7.8125Bd	(PY)
XPA2	8-9	1720	16274	Tue	04520 00177 11747 ... 68453 29359 01375	MFSK-14/7.8125Bd	(PY)
XPA2	9-9	0700	16113	Wed	07115 00001 00000 10140	MFSK-14/7.8125Bd	(AB/PY)
XPA2	9-9	0720	17497	Wed	07115 00001 00000 10140	MFSK-14/7.8125Bd	(AB/PY)
XPA2	9-9	0740	17179	Wed	07115 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	9-9	1100	18583	Wed	00612 00070 88555 ... 85720 89221 63741	MFSK-14/7.8125Bd	(PY)

XPA2	9-9	1120	17431	Wed	00612 00070 88555 ... 85720 89221 63741	MFSK-14/7.8125Bd	(PY)
XPA2	9-9	1800	16351	Wed	07007 00072 01007 ... 91052 20391 10430	MFSK-14/7.8125Bd	(AB)
XPA2	9-9	1820	14851	Wed	07007 00072 01007 ... 91052 20391 10430	MFSK-14/7.8125Bd	(AB/PY)
XPA2	9-9	1840	13951	Wed	07007 00072 01007 ... 91052 20391 10430	MFSK-14/7.8125Bd	(AB/PY)
XPA2	10-9	0900	19572	Thu	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(TM)
XPA2	10-9	0920	18054	Thu	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(TM/PY)
XPA2	10-9	0940	17471	Thu	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(TM/PY)
XPA2	10-9	1100	18583	Thu	00612 00070 88555 ... 85720 89221 63741	MFSK-14/7.8125Bd	(PY)
XPA2	10-9	1120	17431	Thu	00612 00070 88555 ... 85720 89221 63741	MFSK-14/7.8125Bd	(PY)
XPA2	10-9	1720	16274	Thu	04520 00177 11747 ... 68453 29359 01375	MFSK-14/7.8125Bd	(PY)
XPA2	11-9	1100	13431	Fri	09290 00001 00000 10140	MFSK-14/7.8125Bd	(TM/PY)
XPA2	11-9	1120	12131	Fri	09290 00001 00000 10140	MFSK-14/7.8125Bd	(TM)
XPA2	11-9	1140	11431	Fri	09290 00001 00000 10140	MFSK-14/7.8125Bd	(TM)
XPA2	11-9	1800	16351	Fri	07007 00072 01007 ... 91052 20391 10430	MFSK-14/7.8125Bd	(AB)
XPA2	11-9	1820	14851	Fri	07007 00072 01007 ... 91052 20391 10430	MFSK-14/7.8125Bd	(AB/PY)
XPA2	11-9	1840	13951	Fri	07007 00072 01007 ... 91052 20391 10430	MFSK-14/7.8125Bd	(AB/PY)
XPA2	12-9	0900	19572	Sat	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(AB)
XPA2	12-9	0920	18054	Sat	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(AB)
XPA2	12-9	0940	17471	Sat	00441 00172 04957 ... 62724 68180 05136	MFSK-14/7.8125Bd	(AB/PY)
XPA2	12-9	1500	17479	Sat	05290 00194 43412 ... 06118 26226 55650	MFSK-14/7.8125Bd	(AB)
XPA2	12-9	1500	17479	Sat	05290 00194 43412 ... 06118 26226 55650	MFSK-14/7.8125Bd	(PY)
XPA2	12-9	1520	16094	Sat	05290 00194 43412 ... 06118 26226 55650	MFSK-14/7.8125Bd	(AB/PY)
XPA2	12-9	1540	14926	Sat	05290 00194 43412 ... 06118 26226 55650	MFSK-14/7.8125Bd	(AB)
XPA2	14-9	0910	19536	Mon	03503 00097 81190 ... 06035 31198 01213	MFSK-14/7.8125Bd	(AB)
XPA2	14-9	0930	18467	Mon	03503 00097 81190 ... 06035 31198 01213	MFSK-14/7.8125Bd	(AB)
XPA2	14-9	0950	16317	Mon	03503 00097 81190 ... 06035 31198 01213	MFSK-14/7.8125Bd	(AB)
XPA2	14-9	1500	17479	Mon	01638 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	14-9	1520	16094	Mon	01638 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	14-9	1540	14926	Mon	01638 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	15-9	1100	13431	Tue	09444 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	15-9	1120	12131	Tue	09444 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	15-9	1140	11431	Tue	09444 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	15-9	1700	17426	Tue	03189 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	15-9	1720	16274	Tue	03189 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	15-9	1740	14939	Tue	03189 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	16-9	0910	19536	Wed	03503 00097 81190 ... 06035 31198 01213	MFSK-14/7.8125Bd	(AB)
XPA2	16-9	0930	18467	Wed	03503 00097 81190 ... 06035 31198 01213	MFSK-14/7.8125Bd	(AB)
XPA2	16-9	0950	16317	Wed	03503 00097 81190 ... 06035 31198 01213	MFSK-14/7.8125Bd	(AB)
XPA2	16-9	1100	18583	Wed	01839 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	16-9	1120	17431	Wed	01839 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	16-9	1140	15821	Wed	01839 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	16-9	1800	16351	Wed	04667 00375 17066 ... 63240 74558 77061	MFSK-14/7.8125Bd	(AB)
XPA2	16-9	1820	14851	Wed	04667 00375 17066 ... 63240 74558 77061	MFSK-14/7.8125Bd	(AB)
XPA2	16-9	1840	13951	Wed	04667 00375 17066 ... 63240 74558 77061	MFSK-14/7.8125Bd	(AB)

XPA2	17-9	0900	19572	Thu	08309 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	17-9	0920	18054	Thu	08309 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	17-9	0940	17471	Thu	08309 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	17-9	1100	18583	Thu	09951 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	17-9	1120	17431	Thu	09951 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	17-9	1140	15821	Thu	09951 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	17-9	1700	17426	Thu	06030 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	17-9	1720	16274	Thu	06030 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	17-9	1740	14939	Thu	06030 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	18-9	1100	13431	Fri	03917 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	18-9	1120	12131	Fri	03917 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	18-9	1140	11431	Fri	03917 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	18-9	1800	16351	Fri	04667 00375 17066 ... 63240 74558 77061	MFSK-14/7.8125Bd	(AB)
XPA2	18-9	1820	14851	Fri	04667 00375 17066 ... 63240 74558 77061	MFSK-14/7.8125Bd	(AB)
XPA2	18-9	1840	13951	Fri	04667 00375 17066 ... 63240 74558 77061	MFSK-14/7.8125Bd	(AB)
XPA2	19-9	0900	19572	Sat	02871 00001 00000 10040	MFSK-14/7.8125Bd	(AB)
XPA2	19-9	0920	18054	Sat	02871 00001 00000 10040	MFSK-14/7.8125Bd	(AB)
XPA2	19-9	0940	17471	Sat	02871 00001 00000 10040	MFSK-14/7.8125Bd	(AB)
XPA2	19-9	1500	17479	Sat	02871 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	19-9	1520	16094	Sat	02871 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	19-9	1540	14926	Sat	02871 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	21-9	0700	16113	Mon	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)
XPA2	21-9	0720	17497	Mon	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)
XPA2	21-9	0740	18179	Mon	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)
XPA2	21-9	0910	19536	Mon	06254 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	21-9	0930	18467	Mon	06254 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	21-9	0950	16317	Mon	06254 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	21-9	1500	17479	Mon	06323 00188 03007 36037 ... 87847 28176 56434	MFSK-14/7.8125Bd	(AB)
XPA2	21-9	1520	16094	Mon	06323 00188 03007 36037 ... 87847 28176 56434	MFSK-14/7.8125Bd	(AB)
XPA2	21-9	1540	14926	Mon	06323 00188 03007 36037 ... 87847 28176 56434	MFSK-14/7.8125Bd	(AB)
XPA2	22-9	1100	13431	Tue	02868 00114 24639 ... 51209 77931 03675	MFSK-14/7.8125Bd	(AB)
XPA2	22-9	1120	12131	Tue	02868 00114 24639 ... 51209 77931 03675	MFSK-14/7.8125Bd	(AB)
XPA2	22-9	1140	11431	Tue	02868 00114 24639 ... 51209 77931 03675	MFSK-14/7.8125Bd	(AB)
XPA2	22-9	1700	17426	Tue	05720 00170 77884 ... 31922 63818 36152	MFSK-14/7.8125Bd	(AB)
XPA2	22-9	1720	16274	Tue	05720 00170 77884 ... 31922 63818 36152	MFSK-14/7.8125Bd	(AB)
XPA2	22-9	1740	14939	Tue	05720 00170 77884 ... 31922 63818 36152	MFSK-14/7.8125Bd	(AB)
XPA2	23-9	0700	16113	Wed	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)
XPA2	23-9	0720	17497	Wed	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)
XPA2	23-9	0740	18179	Wed	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)
XPA2	23-9	0910	19536	Wed	05877 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	23-9	0930	18467	Wed	05877 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	23-9	0950	16317	Wed	05877 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	23-9	1100	18583	Wed	08302 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	23-9	1120	17431	Wed	08302 00001 00000 10140	MFSK-14/7.8125Bd	(AB)

XPA2	23-9	1140	15821	Wed	08302 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	23-9	1800	16351	Wed	08340 00064 03254... 14385 85114 36317	MFSK-14/7.8125Bd	(AB)
XPA2	23-9	1820	14851	Wed	08340 00064 03254... 14385 85114 36317	MFSK-14/7.8125Bd	(AB)
XPA2	23-9	1840	13951	Wed	08340 00064 03254... 14385 85114 36317	MFSK-14/7.8125Bd	(AB)
XPA2	24-9	0900	19572	Thu	01864 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	24-9	0920	18054	Thu	01864 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	24-9	0940	17471	Thu	01864 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	24-9	1100	18583	Thu	04880 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	24-9	1120	17431	Thu	04880 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	24-9	1140	15821	Thu	04880 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	24-9	1700	17426	Thu	05720 00170 77884 ... 31922 63818 36152	MFSK-14/7.8125Bd	(AB-ARS)
XPA2	24-9	1720	16274	Thu	05720 00170 77884 ... 31922 63818 36152	MFSK-14/7.8125Bd	(AB)
XPA2	24-9	1740	14939	Thu	05720 00170 77884 ... 31922 63818 36152	MFSK-14/7.8125Bd	(AB)
XPA2	25-9	1100	13431	Fri	02868 00114 24639 ... 51209 77931 03675	MFSK-14/7.8125Bd	(AB)
XPA2	25-9	1120	12131	Fri	02868 00114 24639 ... 51209 77931 03675	MFSK-14/7.8125Bd	(AB)
XPA2	25-9	1140	11431	Fri	02868 00114 24639 ... 51209 77931 03675	MFSK-14/7.8125Bd	(AB)
XPA2	25-9	1800	16351	Fri	08340 00064 03254... 14385 85114 36317	MFSK-14/7.8125Bd	(AB)
XPA2	25-9	1820	14851	Fri	08340 00064 03254... 14385 85114 36317	MFSK-14/7.8125Bd	(AB)
XPA2	25-9	1840	13951	Fri	08340 00064 03254... 14385 85114 36317	MFSK-14/7.8125Bd	(AB)
XPA2	26-9	0900	19572	Sat	09121 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	26-9	0920	18054	Sat	09121 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	26-9	0940	17471	Sat	09121 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	26-9	1500	17479	Sat	06323 00188 03007 36037 ... 87847 28176 56434	MFSK-14/7.8125Bd	(AB)
XPA2	26-9	1520	16094	Sat	06323 00188 03007 36037 ... 87847 28176 56434	MFSK-14/7.8125Bd	(AB)
XPA2	26-9	1540	14926	Sat	06323 00188 03007 36037 ... 87847 28176 56434	MFSK-14/7.8125Bd	(AB)
XPA2	28-9	0700	16113	Mon	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)
XPA2	28-9	0720	17497	Mon	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)
XPA2	28-9	0740	18179	Mon	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)
XPA2	28-9	0910	19536	Mon	01198 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	28-9	0930	18467	Mon	01198 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	28-9	0950	16317	Mon	01198 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	28-9	1500	17479	Mon	01183 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	28-9	1520	16094	Mon	01183 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	28-9	1540	14926	Mon	01183 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	29-9	1100	13431	Tue	06064 00056 41803 ... 72156 05289 41703	MFSK-14/7.8125Bd	(AB)
XPA2	29-9	1120	12131	Tue	06064 00056 41803 ... 72156 05289 41703	MFSK-14/7.8125Bd	(AB)
XPA2	29-9	1140	11431	Tue	06064 00056 41803 ... 72156 05289 41703	MFSK-14/7.8125Bd	(AB)
XPA2	29-9	1500	17479	Tue	01183 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	29-9	1520	16094	Tue	01183 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	29-9	1540	14926	Tue	01183 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	29-9	1700	17426	Tue	03538 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	29-9	1720	16274	Tue	03538 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	29-9	1740	14939	Tue	03538 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	30-9	0700	16113	Wed	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)

XPA2	30-9	0720	17497	Wed	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)
XPA2	30-9	0740	18179	Wed	00276 00429 82895 ... 09274 28633 21773	MFSK-14/7.8125Bd	(AB)
XPA2	30-9	0910	19536	Wed	08169 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	30-9	0930	18467	Wed	08169 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	30-9	0950	16317	Wed	08169 00001 00000 10140	MFSK-14/7.8125Bd	(AB)
XPA2	30-9	1100	18583	Wed	00551 00042 02350 ... 54248 04867 33633	MFSK-14/7.8125Bd	(AB)
XPA2	30-9	1120	17431	Wed	00551 00042 02350 ... 54248 04867 33633	MFSK-14/7.8125Bd	(AB)
XPA2	30-9	1140	15821	Wed	00551 00042 02350 ... 54248 04867 33633	MFSK-14/7.8125Bd	(AB)
XPA2	30-9	1800	16351	Wed	03927 00127 58302 ... 72469 36616 24464	MFSK-14/7.8125Bd	(AB)
XPA2	30-9	1820	14851	Wed	03927 00127 58302 ... 72469 36616 24464	MFSK-14/7.8125Bd	(AB)
XPA2	30-9	1840	13951	Wed	03927 00127 58302 ... 72469 36616 24464	MFSK-14/7.8125Bd	(AB)
XPB1	1-9	0510	19268	Tue	Russian intel.	MFSK-16	(FD)
XPB1	1-9	0520	18268	Tue	Russian intel.	MFSK-16	(FD)
XPB1	1-9	0530	17468	Tue	Russian intel.	MFSK-16	(FD)
XPB1	1-9	0540	16268	Tue	Russian intel.	MFSK-16	(FD)
XPB1	1-9	0550	15868	Tue	Russian intel.	MFSK-16	(FD)
XPB1	1-9	1300	20017	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	1-9	1310	19317	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	1-9	1320	18037	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	1-9	1330	17417	Tue	Russian intel.	MFSK-16	(AB)
XPB1	1-9	1340	16217	Tue	Russian intel.	MFSK-16	(AB)
XPB1	1-9	1350	15817	Tue	Russian intel.	MFSK-16	(AB)
XPB1	3-9	0500	19667	Thu	Russian intel.	MFSK-16	(AB)
XPB1	3-9	0500	19667	Thu	Russian intel.	MFSK-16	(FD)
XPB1	3-9	0510	19268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	3-9	0520	18268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	3-9	0530	17468	Thu	Russian intel.	MFSK-16	(AB)
XPB1	3-9	0540	16268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	3-9	0550	15868	Thu	Russian intel.	MFSK-16	(AB)
XPB1	4-9	0500	19667	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-9	0510	19268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-9	0520	18268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-9	0530	17468	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-9	0540	16268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-9	0550	15868	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-9	1300	20017	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-9	1310	19317	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-9	1320	18037	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-9	1330	17417	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-9	1340	16217	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-9	1350	15817	Fri	Russian intel.	MFSK-16	(AB)
XPB1	7-9	0500	19667	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7-9	0510	19268	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7-9	0520	18268	Mon	Russian intel.	MFSK-16	(AB)

XPB1	7-9	0530	17468	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7-9	0540	16268	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7-9	0550	15868	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-9	0500	19667	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-9	0510	19268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-9	0520	18268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-9	0530	17468	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-9	0540	16268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-9	0550	15868	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-9	1300	20017	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-9	1310	19317	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-9	1320	18037	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-9	1330	17417	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-9	1340	16217	Tue	Russian intel.	MFSK-16	(AB)
XPB1	8-9	1350	15817	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10-9	0500	19667	Thu	Russian intel.	MFSK-16	(AB)
XPB1	10-9	0510	19268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	10-9	0520	18268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	10-9	0530	17468	Thu	Russian intel.	MFSK-16	(AB)
XPB1	10-9	0540	16268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	10-9	0550	15868	Thu	Russian intel.	MFSK-16	(AB)
XPB1	11-9	1300	20017	Fri	Russian intel.	MFSK-16	(AB)
XPB1	11-9	1310	19317	Fri	Russian intel.	MFSK-16	(AB)
XPB1	11-9	1320	18037	Fri	Russian intel.	MFSK-16	(AB)
XPB1	11-9	1330	17417	Fri	Russian intel.	MFSK-16	(AB)
XPB1	11-9	1340	16217	Fri	Russian intel.	MFSK-16	(AB)
XPB1	11-9	1350	15817	Fri	Russian intel.	MFSK-16	(AB)
XPB1	14-9	0500	19667	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-9	0510	19268	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-9	0520	18268	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-9	0530	17468	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-9	0540	16268	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-9	0550	15868	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-9	0500	19667	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-9	0510	19268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-9	0520	18268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-9	0530	17468	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-9	0540	16268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-9	0550	15868	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-9	1300	20017	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	15-9	1310	19317	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	15-9	1320	18037	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	15-9	1330	17417	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-9	1340	16217	Tue	Russian intel.	MFSK-16	(AB)

XPB1	15-9	1350	15817	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17-9	0500	19667	Thu	Russian intel.	MFSK-16	(AB)
XPB1	17-9	0510	19268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	17-9	0520	18268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	17-9	0530	17468	Thu	Russian intel.	MFSK-16	(AB)
XPB1	17-9	0540	16268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	17-9	0550	15868	Thu	Russian intel.	MFSK-16	(AB)
XPB1	18-9	0500	19667	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-9	0510	19268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-9	0520	18268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-9	0530	17468	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-9	0540	16268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-9	0550	15868	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-9	1300	20017	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-9	1310	19317	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-9	1320	18037	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-9	1330	17417	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-9	1340	16217	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-9	1350	15817	Fri	Russian intel.	MFSK-16	(AB)
XPB1	21-9	0500	19667	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-9	0510	19268	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-9	0520	18268	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-9	0530	17468	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-9	0540	16268	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-9	0550	15868	Mon	Russian intel.	MFSK-16	(AB)
XPB1	22-9	0500	19667	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-9	0510	19268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-9	0520	18268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-9	0530	17468	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-9	0540	16268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-9	0550	15868	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-9	1300	20017	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	22-9	1310	19317	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	22-9	1320	18037	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	22-9	1330	17417	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-9	1340	16217	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-9	1350	15817	Tue	Russian intel.	MFSK-16	(AB)
XPB1	24-9	0500	19667	Thu	Russian intel.	MFSK-16	(AB)
XPB1	24-9	0510	19268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	24-9	0520	18268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	24-9	0530	17468	Thu	Russian intel.	MFSK-16	(AB)
XPB1	24-9	0540	16268	Thu	Russian intel.	MFSK-16	(AB)
XPB1	24-9	0550	15868	Thu	Russian intel.	MFSK-16	(AB)
XPB1	25-9	0500	19667	Fri	Russian intel.	MFSK-16	(AB)

XPB1	25-9	0510	19268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-9	0520	18268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-9	0530	17468	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-9	0540	16268	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-9	0550	15868	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-9	1300	20017	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-9	1310	19317	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-9	1320	18037	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-9	1330	17417	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-9	1340	16217	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-9	1350	15817	Fri	Russian intel.	MFSK-16	(AB)
XPB1	28-9	0500	19667	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-9	0510	19268	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-9	0520	18268	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-9	0530	17468	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-9	0540	16268	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-9	0550	15868	Mon	Russian intel.	MFSK-16	(AB)
XPB1	29-9	0500	19667	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-9	0510	19268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-9	0520	18268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-9	0530	17468	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-9	0540	16268	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-9	0550	15868	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-9	1300	20017	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	29-9	1310	19317	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	29-9	1320	18037	Tue	Russian intel.	MFSK-16	(AB-RUS)
XPB1	29-9	1330	17417	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-9	1340	16217	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-9	1350	15817	Tue	Russian intel.	MFSK-16	(AB)

LIST OF ACTIVE STATIONS

Prefixes

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

Notes :

There is no solid proof that the mentioned operators are correct.

Russian G06, V06 and other variants are not in the list but are occasionally used for exercises

Code	Description	Country	Counterpart	Operator
E06	3-fig id, OM/EE 00000	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
E06a	3-fig id, 2 group commencing with 11111	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
E06b	3-fig id with 5FG group in call, 2 msgs	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
E07	3-fig id, OM/EE 000 000	RUS	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1, X--	Russian intelligence
E07a	Null msg format. Nnn nnn nnn 000 repeated 20 mins later	RUS	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1, X--	Russian intelligence
E11	nnn Oblique 00 Out	POL	E11, E11a, S11a, F03, P03	Agencja Wywiadu
E11a	E11 with message	POL	E11, E11a, S11a, F03, P03	Agencja Wywiadu
E25	Arabic music, 3FGs call, 4FGs, 9450 kHz	EGY	E25, E25a, E25b	GID
E25a	E25 but 3FG 3FG 2FG 2FG 2FG call	EGY	E25, E25a, E25b	GID
E25b	Arab message; callup in English	EGY	E25, E25a, E25b	GID
F01	FSK/ITA2 200Bd/500Hz	RUS	E06, S06, M14, F01, F06, F06a	Russian Diplo/Intel.
F02	MFSK-4 150Bd/4000Hz (12kHz BW)	RUS		Unid Russian net.
F03i	FSK-2 100Bd/800Hz/cf +1200Hz/488-bit period	POL	E11, E11a, S11a, F03, P03	Agencja Wywiadu
F03j	FSK-4 100Bd/400Hz/cf +1200Hz/448-bit period	POL	E11, E11a, S11a, F03, P03	Agencja Wywiadu
F03l	FSK-2 100Bd/200Hz/cf +700Hz/448-bit period	POL	E11, E11a, S11a, F03, P03	Agencja Wywiadu
F06	FSK 200Bd/1000Hz ACF=288 sending compressed digits	RUS	E06, S06, M14, F01, F06, F06a	Russian Diplo/Intel.
F06a	FSK 200Bd/1000Hz ACF=288 sending uncompressed ASCII files	RUS	E06, S06, M14, F01, F06, F06a	Russian Diplo/Intel.
F07	5x16-tone MFSK, 10Bd, 20Hz + BPSK, 250Bd bursts	RUS	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1, X--	Russian intelligence
HM01	Consists of alternating WinDRM data & V02a repeating sequences.	CUB		DGI
M01	2 tone hand-keyed, ends '000'	RUS		Russian Navy
M01a	End of the month transmission	RUS		Russian Navy
M12	5FG, 3 or 4FG DK. Ends with 000 000	RUS	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1, X--	Russian intelligence
M12a	3FG DK. 2 Messages. Ends with 000 000	RUS	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1, X--	Russian intelligence
M14	Ends 00000 or 5 long dashes	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
M14a	Dual msg variant	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
M14b	Rare, added 2nd msg hand keyed	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
M14c	Rare, dual msg, consecutive id's	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
M14d	3FG id with 5FG group in call	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
M21	14 fig msgs. Markers and tracking data	RUS	M21, M41	Russian Air Defense
M22	4XZ	ISR		Israeli Navy
M23	Letters and/or figures strings in various formats	F		
M41	M21 variant using callsigns and WZD and ABV	RUS	M21, M41	Russian Air Defense
M42	Various modes	RUS		Russian Gov/Intel.
M42b	FSK 50/500 (=50= separator)	RUS		Russian Gov/Intel.
M51a	FAV22 transmissions	F		French army
M51b	Non-stop 5-character groups	F		French army
M76	ABCD de EFGH QTC xx xx = 5FG 3607X RRRRR 201XX NNN			
M89	Markers like V YHxD YHxD YHxD DE SAQC SAQC and 4FG messages. Cut numbers	CHN		Chinese military
M89v	M89 voice transmissions	CHN		Chinese military

M95	Markers and 4FG messages. Cut numbers. Morse counterpart of V26 and Q26	CHN	M95, Q26, V26	Chinese military
MC03	Tracking data. Various formats	CHN	VC01	Chinese Air Defense
MVC03	Morse counterpart of VC03	CHN	VC03	Chinese Air Defense
MX	Single letter beacons/markers	RUS		Russian military
P03e	QPSK 100Bd/488-bit period	POL	E11, E11a, S11a, F03, P03	
P03f	QPSK 200Bd/496-bit period	POL	E11, E11a, S11a, F03, P03	
P03g	BPSK 50Bd/464-bit period	POL	E11, E11a, S11a, F03, P03	
P03h	BPSK 100Bd/512-bit period	POL	E11, E11a, S11a, F03, P03	
P03i	BPSK 100Bd/512-bit period	POL	E11, E11a, S11a, F03, P03	
P03j	QPSK 100Bd/504-bit period	POL	E11, E11a, S11a, F03, P03	
P03k	BPSK 100Bd/480-bit period	POL	E11, E11a, S11a, F03, P03	
P03l	QPSK 100Bd/464-bit period	POL	E11, E11a, S11a, F03, P03	
P07	Russian intel. 8-tone OFDM, QSPK, 62.5Bd, 125Hz + BPSK, 250Bd bursts	RUS	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1, X--	Russian intelligence
Q26	Digital counterpart of V26 and M95. Mode: 4+4 QPSK 75/3000 LSB and 4+4 QPSK 75/1000 LSB	CHN	M95, Q26, V26	Chinese military
S06	3-fig id, 00000 OM/RR	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
S06b	3-fig id, two group (commencing with 11111, stutter)	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
S06c	Repeating single group	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
S06e	3-fig id, two messages	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
S06f	3 group msg, ends 00000	RUS	E06, S06, M14, F01, F06, F06a	Russian intelligence
S06s	YL + slow zero's ending	UKR	E06, S06, M14, F01, F06, F06a	SZRU
S11a	nnn Cherta 00 or group count + message. Konets	POL	E11, E11a, S11a, F03, P03	Agencja Wywiadu
S28	Buzzer	RUS		Russian military
S30	Pip	RUS		Russian military
S32	Squeaky Wheel	RUS		Russian military
UM03	X2M (probably Chinese). Mode: CW			
UM04	PROMRCh. Daily transmissions. Format: VVVVV PROMRCh = 27 09 = 1000 0600 0640 0780 1160 ... ABV repeat message) = AR. Short zero's. Often long zero in the date	BUL		Bulgarian military
UM05	French morse training station	F		
UM06	Various formats morse strings	F		
UM10	10-minutes net. Callsigns sent for 10 minutes 2x per hour on 2 parallel frequencies. Seldom messages are sent.			
V07	Spanish Man 000 000	RUS	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1	Russian intelligence
V07F	French version of E07	RUS	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1, X--	Russian intelligence
V13	New Star Broadcasting	TWN	V13, V13a, V13b	Military Intelligence
V13a	New Star Broadcasting (AM, 5-7 msgs to 5-7 units)	TWN	V13, V13a, V13b	Military Intelligence
V13b	New Star Broadcasting (AM/USB hybrid, intro 2x, 4 msgs to 4 units)	TWN	V13, V13a, V13b	Military Intelligence
V26	Voice counterpart of M95 and Q26	CHN	M95, Q26, V26	Chinese military
V32	Tavajjoh (Attention) followed by strings of figures in Farsi			
VC01	Chinese Robot (tracking data)	CHN	MC03	Chinese Air Defense
VC02	Chinese voice morse stations	CHN		Chinese Air Defense
VC03	3FG callup and 4FG messages			
VC05	Chinese time stamp station. Operator calling a 4-figure callsign for four minutes. At the end the actual Beijing time is mentioned.	CHN		
VR01	Russian station passing coded messages. Active sinds at least March 2014. Seldom heard	RUS		
X06	MFA Moscow. Selcal system for diplomatic missions	RUS		Various
XPA1	MFSK-17/10Bd transmissions	RUS		Russian intelligence
XPA2	MFSK-14/7.8125Bd transmissions	RUS		Russian intelligence
XPB1	MFSK-16 transmissions	RUS		Russian intel
XSL	QPSK 1500Bd. Slot Machine (Japanese Navy Telemetry)	J		Japanese navy
X--	21-tone MFSK with 125 Hz tone spacing + 13-tone MFSK with 250 Hz spacing	RUA	E07, V07, V07F, M12, F07, P07, XPA1, XPA2, XPB1, X--	Russian intelligence

APPENDIX

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	- .			Plus sign	[+]	. - . - .
O	- - -			Invitation to transmit		- . -
P	. - . .			Wait	[AS]	. - . . .
Q	- - . -			End of Transmission	[SK, VA]	. . . - . -
R	. - .	Ü	- - - .	End of message	[AR]	. - . - .
S	. . .		. . - -	Starting signal		- . . . -
T	-			Multiplication sign	[×]	- . . -
U	. . -			At sign	[@]	. - - . - .
V	. . . -			Break	[BK]	- . . . - . -
W	. - -			Ampersand	[&]	. - . . .
X	- . . -					
Y	- . - -					
Z	- - . .					

For Cyrillic morse etc., see also

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

<http://udxf.nl/Russian.pdf>

Chinese cut numbers
(M89, M95, MC03, etc)

A	U	3	4	5	6	7	D	N	T
1	2	3	4	5	6	7	8	9	0

M08a cut numbers

A	N	D	U	W	R	I	G	M	T
1	2	3	4	5	6	7	8	9	0

Q26 conversion

F	J	B	P	G	U	Y	M	C	W
0	1	2	3	4	5	6	7	8	9

3rd shift Cyrillic RTTY as used by M42b

Q	W	E	R	T	Y	U	I	O	P	(	K	V	Z
1	2	3	4	5	6	7	8	9	0	K	=	-	+

Word	E11a	S11a	M03
Attention	Attention	Vnimanye	
Slash /	Oblique	Cirta	- . . - .
Out	Out	Konets	

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	dvoyka	Twso	Two
3	... — —	Ba	Fwee	troyka	Drei	Three
4	 —	Bô'n	Fo	chetvyorka	Vier	Four
5		Năm	Fav	petyorka	Funuf	Fiver
6	—	Sáu	Six	shest	Sechs	Six
7	— — ...	Ba y	Seven	syem	Sieben	Seven
8	— — — ..	Tám	Eight	vosyem	Acht	Eight
9	— — — — .	Chín	Nine	dyevyet	Neugen	Niner
=	— . . . —					
/	— . . — .					

Note: E17z, M03 and M08a are defunct.



COLOPHON

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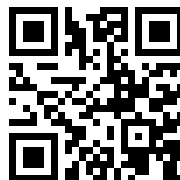
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070 27364 92636 89428 61288 14982 36998 32764 31276 81
086 88932 78987 32123 49817 26366 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 76
023 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98670 27601 56701 57601 73648 18
591 87364 87265 96710 27630 12673 84769 28743 98127 08
0 63298 75698 27465 87326 49876 28376 81273 98615 08
67 87432 74328 78674 29867 32867 67867 86786 43286 486
57 68768 68763 34238 34238 68768 62342 48273 48768 238
036 98432 32432 86743 43286 43286 43286 43286 43286 432
743 86743 86743 39867 32867 86743 43286 43286 43243 86
741 86743 86743 86743 86743 86743 86743 86743 86743 486
083 98798 98754 98754 98754 98754 29867 67543 67986 867
16 87698 69876 87698 69876 87612 12341 34867 86798 662
667 43298 65656 54756 54723 32143 14321 32143 14321 321
05 02787 58765 76587 58765 76587 58765 76587 58756 7658
05074 95657 54768 36543 54765 36543 54765 36543 662

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