

8	27364	92836	89428	81268	74982	86498	82784	81277
86	40932	70987	32123	49817	26346	81287	65491	87364
721	75654	55656	12737	72727	72727	91918	63473	67867
723	87629	37677	32612	53498	71296	28756	18276	98716
269	76329	74698	76857	98670	27601	56701	57601	73648
701	87364	87265	96710	27630	12673	84769	28743	98127
78	63298	75698	27465	87326	49876	28376	81273	98615
77	87432	74328	78674	29867	32867	67867	86786	43286
77	68768	68763	34234	34238	68768	62342	48273	48768
706	98432	32432	86743	43286	43286	43286	43286	43286
743	86743	86743	39867	32867	86743	43286	43286	43243
77	86743	86743	86743	86743	86743	86743	86743	86743
792	98798	98754	98754	98754	98754	29867	67543	67986
70	87698	69876	87698	69876	87612	12341	34867	86798
77	43298	65656	56756	56123	32143	14321	32143	14321
77	58767	58767	58767	58765	76587	58765	76587	58756

Numbers & Oddities
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 a.k.a. *The Spooks Newsletter*
 The Spooks Newsletter
Edition #311, August 2023

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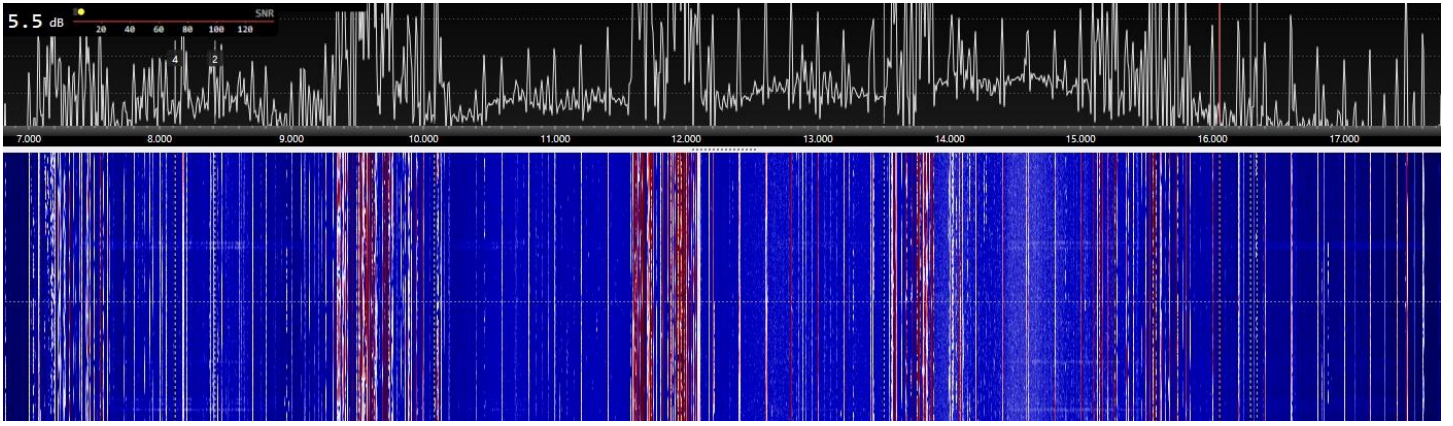
"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

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

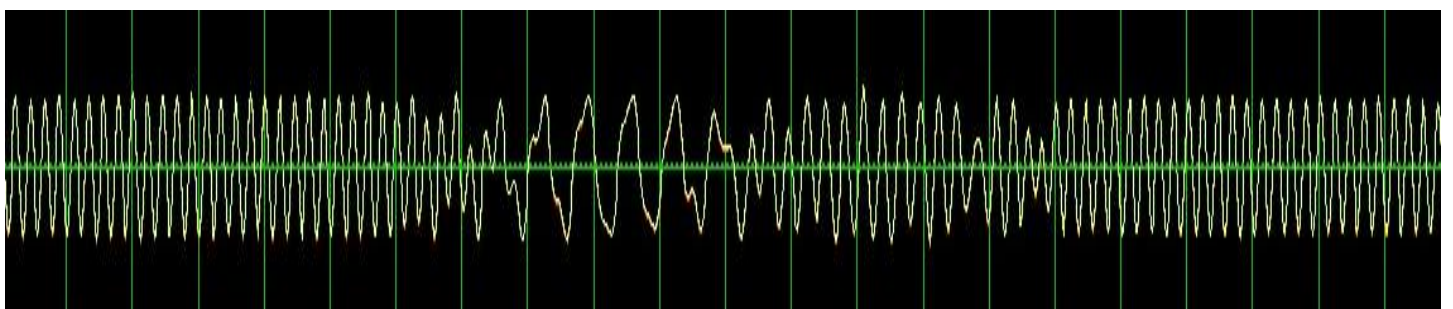


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FOREWORD

Welcome to Numbers & Oddities #311.

It wasn't a very exciting month in numbers stations land. We had a few days with lots of XPA2 traffic and we received nice F06a and M42 transcripts. HM01 returned and had some surprises for us. Further all the usual logs and transcripts.

Thanks to all contributors! See ya next month!

VOICE STATIONS

E06

13540/16115 kHz, 03-08/04-08, 0500/0600 UTC

210 489 53

24473 57319 16444 45937 84722 70327 56601 03863 67777 91237
82204 01481 25667 38571 52722 45491 13657 72414 62413 51297
04351 08698 30453 87411 78459 16770 07570 02371 28164 79966
97619 26372 34010 23849 07544 64792 01282 41806 44135 25800
66783 72717 21068 49223 11966 10336 24614 28891 43342 49114
11484 45603 26123
489 53 00000

13540/16115 kHz, 17-08/18-08, 0500/0600 UTC

210 496 53

13765 03107 52045 57306 58662 26633 27271 33428 99267 29961
46861 53463 46488 84391 26185 63573 52687 34534 77231 43406
89611 81675 94197 77793 25629 63727 21990 42997 75724 98946
43571 87200 22684 85613 47089 09921 32909 74850 58740 70030
15296 58775 52275 77089 96623 41175 71120 45658 11876 82888
72461 92421 62841
496 53 00000

Group Count Cycle net

11472/13584 kHz, 01-08, 0210/0310 UTC. Partly unreadable

537 142 50

37796 08200 68431 75151 83937 65748 98884 83435 17869 59953
02714 16893 08177 83916 71_81 36608 56643 03367 92292 51385
33742 77869 74589 35498 36101 91903 22271 93206 76874 90479
31559 35859 ___9___0___0_7_7 94_51 1_068 33455 92255
47274 60848 13_51 83489_867_ 13809 07046 93020 57144 50391
142 50 00000

11472/13574 kHz, 07-08/08-08, 0210/0310 UTC

537 698 31

79765 38875 77378 04827 42409 85583 70468 28459 53740 19300
80502 66649 88594 32144 32804 44618 41128 10109 08378 97643
13973 72574 10264 46565 14517 47480 08111 64399 06759 24317
71907
698 31 00000

11472/13584 kHz, 14-08, 0210/0310 UTC

11472/13572 kHz, 15-08, 0210/0310 UTC

537 104 32

90769 52199 93521 23180 72577 79392 09233 45293 25049 71885
25393 09692 40708 96954 76692 56405 27602 09264 83596 98474
79510 95659 45059 29286 31410 46235 62596 86655 98627 43849
56628 78334
104 32 00000

11472/13584 kHz, 21-08, 0210/0310 UTC

11472/13572 kHz, 22-08, 0210/0310 UTC

537 826 33

83487 19167 52231 20989 57487 06081 17386 29677 65395 17473

81160 20420 67409 13873 18936 08766 09511 41380 17132 81472

73804 27085 69094 69718 13321 96867 82817 81394 82242 70247

__889 59670 97461

826 33 00000

11472/13584 kHz, 28-08, 0210/0310 UTC

11472/13575 kHz, 29-08, 0210/0310 UTC

537 190 34

72815 89397 84030 96695 86954 45001 54458 50253 58598 06390

96694 35055 36559 95144 81210 91330 36308 35270 36307 76961

04174 17960 90684 74100 19146 54350 55958 95480 93211 20949

72546 07632 56161 27424

190 34 00000

14648/12084 kHz, 03-08/04-08, 0300/0400 UTC

361 809 47

61615 34826 86435 75604 18781 54951 30346 70470 64118 08852

96740 91114 31694 73467 78403 16860 70139 27087 17434 86500

89910 79393 24236 36997 75493 26221 20044 59840 85976 46201

88913 04782 92455 81498 50132 65611 25676 69805 86968 67680

32380 19806 92715 41838 63773 47274 19950

809 47 00000

The group count for this message above skipped from 50 groups the previous week, to 31 groups, instead of 30 groups normally.

14648/12084 kHz, 10-08/11-08, 0300/0400 UTC

361 572 48

30644 29702 90833 54434 30827 73132 53279 56697 10193 99549

80088 98263 25043 56066 09834 62003 14808 40197 06923 29112

56238 64576 53927 84497 09101 79188 31509 60156 51819 43313

46882 21232 30490 64360 96743 24427 69715 45791 75617 03472

18695 11304 65547 61333 30998 97480 68070 73840

572 48 00000

No 361 transmissions on 17 and 18 August

14648/12084 kHz, 24-08/25-08, 0300/0400 UTC

361 _89 50

02251 16_82 16_26 4264__1988 49012 30456 6854_ 34495 _3052

90815 22782 8__80 _6527 88718 6543__76_5 85_77 0____ 66554

21353 2__8_ 161_6 _9_07 766_9 6_574 _4832 496_6 18926 2_3__

____6 ____4 _16____ _57__ _1155 ____4____

60__8 ____5 5_3____ 5 ____3 03608 __05 2__8_ 15401 67255

_89 50 00000

14648/12084 kHz, 31-08, 0300/0400 UTC

361 725 30

35270 11470 53463 89519 30832 20505 99187 43059 33949 67387

61089 44975 80482 59332 89763 95882 86665 18302 74000 09627

46216 10321 06109 33667 00984 42468 85621 61342 71074 57231

725 30 00000

17453/18353/19253 kHz, 1500/1520/1540 UTC

17453/18353/19253 kHz, 01-08/04-08, 1500/1520/1540 UTC

432 432 432 1 3412 134 3412 134
33625 53890 11822 09101 65946 68916 54350 75252 61233 55178
36202 53012 15714 76114 77559 60119 71981 66920 62100 96914
02819 79306 72092 20860 34154 29575 54755 31806 46456 29731
51270 59351 23687 10256 02505 67670 20761 19267 63890 02628
84982 45302 87482 08726 97807 67242 92531 28715 28230 45474
88246 55265 22210 51406 00680 30897 21613 73078 26619 28582
50490 73034 61839 43294 74296 09281 39231 29045 62619 66717
44921 96406 97110 51495 86841 75392 17849 15545 24808 10186
92916 64618 56472 96414 13894 85488 57949 22053 34381 99639
83008 25998 79412 75964 62390 09319 04955 30357 84224 32967
24699 80738 79329 32749 09685 04343 57379 06845 06238 78675
48164 06579 82318 56374 38792 86325 60808 43378 68313 75103
76891 38300 39607 17476 92660 34833 42984 54585 32647 80335
54532 15823 36671 60027 000 000

17453/18353/19253 kHz, 15-08/18-08, 1500/1520/1540 UTC

432 432 432 1 6982 97 6982 97
97335 27697 25761 45906 04749 16310 94772 77801 86310 19384
70636 51691 84872 82756 14662 17908 27897 50032 30619 08913
09136 39309 82365 23818 07162 49311 52003 96511 18699 99818
52457 37785 43203 61250 92068 96307 28804 92558 76383 97339
99260 47366 29259 31874 98488 58716 68132 14008 68312 01627
92039 23299 51878 51274 15069 25338 50002 82339 16906 18300
62545 91879 06739 52151 63276 59662 38777 20060 40016 47554
25923 10695 30539 14947 93704 23338 61332 78488 53926 21544
81123 17684 09388 66193 48755 13093 39987 72148 65814 50749
11692 20237 41971 83227 87351 17917 68856 000 000

17453/18353/19253 kHz, 29-08, 1500/1520/1540 UTC

432 432 432 1 9220 56 9220 56
05778 59541 00564 34892 36057 23186 29742 99501 77361 41996
49756 98849 47414 12779 62239 56227 14360 16804 97863 87659
79896 36229 55265 91895 49447 55843 67140 26763 20493 70462
80729 01700 27389 86783 45013 36878 57609 76436 46765 31845
71173 16054 81125 59309 19699 83075 89946 83935 68217 69196
29108 51266 31571 42783 07838 87345 000 000

13519/14819/15919 kHz, 1310/1430/1450 UTC

13519/14819/15919 kHz, 03-08/05-08, 1410/1430/1450 UTC

288 288 288 1 2286 83 2286 83
59839 69041 36321 77247 43885 27471 52422 57348 58760 90429
17679 80948 36630 21281 53758 60463 22606 00702 52709 35541
41956 54490 97104 38753 27529 57247 50075 62112 68274 43709
29189 95112 42043 54869 63287 29855 00397 00792 86805 81863
41638 59445 98983 31084 61571 05607 82634 60094 07059 75507
36647 22866 80285 41081 53109 03684 76979 29358 86335 13005
84792 92485 05252 15500 28598 55380 21215 57539 46396 38169
65601 13688 08579 87577 31462 99640 75014 00247 67080 14474
87432 77637 97420 000 000

13519/14819/15919 kHz, 17-08/19-08, 1410/1430/1450 UTC

288 288 288 1 307 73 307 73
91785 06235 14640 82518 23124 97073 13478 93190 10964 06323
33514 16855 73623 61120 25192 15854 16184 33674 16385 00968
97988 11102 47646 03040 80565 11287 38502 46524 02939 27114
06353 48637 82707 18780 41002 95137 14334 90847 62353 04432
23359 45906 15694 74817 40340 62141 54075 25941 06717 71054
46751 77977 60223 88156 50357 75736 82885 36354 24326 94147
43802 85287 38291 11886 06586 63538 18234 03048 53250 47155
63581 41077 62343 000 000

13519/14819/15919 kHz, 31-08, 1410/1430/1450 UTC

288 288 288 1 115 92 115 92
57427 79435 53416 84046 46858 51848 27657 15841 27668 23343
88652 17723 80147 76048 77971 40699 53018 18664 11171 09583
51156 53081 07691 52249 00145 85497 59978 21006 40474 21430
61248 94986 05313 80613 95986 45190 98361 89250 25121 22197
18067 90916 21046 30308 75388 53209 55566 13268 78458 31315
36620 83172 36550 59165 10812 38826 72141 28503 29806 36381
21278 76757 47370 51848 52549 52760 16999 54220 71916 10700
43710 18921 86399 37082 15695 03828 25949 10265 53417 36865
04017 81928 32909 36399 52873 40376 44490 83039 80706 03666
41984 81600 000 000

E11a

14575 kHz, 01-08/03-08, 1645 UTC

338/34 Attention
71362 16681 46121 46672 47485 27256 20324 49124 36797 77412
66769 24547 69141 00688 04279 19964 06782 89487 73099 82792
99665 18684 36319 21502 58331 09527 74415 52315 41582 94271
90959 60309 26201 89407
Attention (message repeated) Out

7863 kHz, 02-08/04-08, 1715 UTC

972/32 Attention
30768 85237 17104 83212 30632 66795 57120 84899 00355 99098
65543 31915 51885 36551 24915 19812 78544 44611 51962 49199
42007 42823 96756 63024 79460 76992 56801 47953 23044 11066
68813 34750
Attention (message repeated) Out

4783 kHz, 02-08/05-08, 1910 UTC

391/34 Attention
54607 29435 91508 27380 93538 61631 44146 45037 97002 19619
11490 26692 64456 36015 16693 46553 04882 14023 64405 65959
65167 24964 53002 07298 87042 83023 40167 70512 85868 56074
33393 46522 56676 44552
Attention (message repeated) Out

9150 kHz, 04-08/06-08, 0600 UTC

350/34 Attention
15969 16166 10449 64279 62132 19981 07184 18913 03418 13233
33063 74079 19433 07547 90129 21489 53587 80149 46100 79314
76016 39560 50759 21495 95054 35665 67528 02971 80780 09840
53773 26472 00338 21701
Attention (message repeated) Out

7377 kHz, 05-08/06-08, 0700 UTC

495/31 Attention

05522 25171 11397 05473 54097 44681 58112 21227 87102 32652
91924 59214 66400 65591 61842 98146 28072 69353 04515 58435
03215 61883 08561 91892 03649 94011 28134 03564 84285 32744
12885

Attention (message repeated) Out

14972 kHz, 07-08/09-08, 0315 UTC

252/32 Attention

44949 05155 20741 19148 74958 52182 33008 20796 45172 57073
72183 48453 22606 23406 11992 78597 76142 67968 73518 47456
45843 98043 05275 41750 99746 97147 45954 85900 88425 47846
75070 77838

Attention (message repeated)

16335 kHz, 07-08/11-08, 0830 UUTC

180/40 Attention

98407 12733 59534 55993 68216 72800 90835 50579 33847 79225
10829 07937 55892 58122 76836 71130 48392 91845 38632 62737
27709 97044 10484 42628 91157 09105 76052 93235 60733 37082
92308 09338 16977 62265 94482 00157 69917 13299 58889 56759

Attention (message repeated) Out

12984 kHz, 08-08/12-08, 1430 UTC

919/40 Attention

73328 77306 07129 19669 16561 03201 45485 20988 69341 52165
74812 00676 92435 15146 55700 60915 38772 38202 43810 65883
21182 75632 31445 97524 61603 92583 79442 17588 45483 65575
99104 46682 06071 58141 63599 85994 04710 28208 73733 82017

Attention (message repeated) Out

5231 kHz, 08-08, 1605 UTC

237/37 Attention

68135 72650 19157 68888 57988 12700 43623 74136 77701 51459
61853 69871 74109 72000 56244 70094 98649 78418 91116 23139
85537 95379 57661 89663 42381 97490 01295 14378 51996 96610
44231 75666 95224 02974 06247 36332 84401

Attention (message repeated) Out

5409 kHz, 10-08/13-08, 2000 UTC

521/35 Attention

15348 94751 69596 08929 68710 72731 45264 35711 96611 42285
62516 06560 83192 36833 70336 94620 73189 13222 89617 24369
25406 57185 38298 61732 90091 57867 09000 96146 70936 57042
06972 29023 34269 68242 87015

Attention (message repeated) Out

12229 kHz, 11-08/13-08, 1815 UTC

925/34 Attention

51179 18187 25021 10077 96982 24112 77105 47050 71914 40248
34300 39071 96199 32817 52993 57700 61321 58432 15029 50513
79577 09567 91860 66381 27039 60059 33438 72489 12418 96685
53192 56703 36853 65435

Attention (message repeated) Out

5082 kHz, 12-08, 1530 UTC

368/31 Attention

94068 60890 91418 99755 97431 20620 23675 09091 62553 71929
26183 58921 45719 38849 35811 14148 71140 14235 76269 06628
05284 83457 10694 14912 20878 86400 18956 74098 01296 85462
70007

Attention (message repeated) Out

5231 kHz, 13-08, 1605 UTC

233/33 Attention

94109 75441 53925 08508 74470 81142 96959 97187 04329 92184
43591 79003 81125 48069 50310 64024 41515 23286 86229 91352
08613 61901 74581 92016 72329 58415 55725 30755 56150 31299
71889 97808 85170

Attention (message repeated) Out

14410 kHz, 14-08, 1745 UTC

245/40 Attention

08291 79229 12995 66780 91947 33713 57691 45729 37836 67558
16293 45637 28832 57243 74600 57159 12397 48949 71300 64090
99853 02919 27772 85707 45598 32360 80480 06366 94262 01242
69860 56476 95677 00745 22974 23238 78012 05737 24245 58488

Attention (message repeated) Out

7600 kHz, 14-08/17-08, 1900 UTC

646/32 Attention

99317 27919 72944 60586 92140 62439 60507 33632 64967 93997
09613 32489 21011 80302 69027 15033 52874 87257 80837 92274
07895 85786 62642 86341 50833 37862 93755 00307 14027 35578
81438 10878

Attention (message repeated) Out

10429 kHz, 15-08/18-08, 0715 UTC

630/38 Attention

61387 62063 89061 72574 58891 60412 32601 14562 58742 62990
78532 05873 90102 64656 56151 69698 66226 38930 02663 70280
15737 97431 13547 24473 24014 69489 71179 57834 02002 17956
42825 40840 44108 20478 91761 63180 89485 05433

Attention (message repeated) Out

14940 kHz, 15-08/17-08, 0745 UTC

225/32 Attention

29549 44793 63702 68168 51945 17694 37853 43635 57152 70390
16207 27899 05017 39349 95727 22449 35758 08916 45194 41966
40498 10892 12579 05577 28492 33323 62634 63771 78369 62469
40971 42605

Attention (message repeated) Out

6304 kHz, 15-08/16-08, 1205 UTC

466/30 Attention

94023 93795 31730 43340 43162 96940 48930 17171 01139 90401
11277 18638 84881 98757 68734 97181 72714 58791 81911 58993
67087 38313 67401 55548 52428 40857 10059 75352 68937 03143

Attention (message repeated) Out

15720 kHz, 16-08/18-08, 0745 UTC

347/33 Attention

82561 22133 50780 02308 37934 92316 12070 84592 88696 93873
76363 25570 71990 01028 54089 95595 80146 66948 35855 00880
59567 17517 39971 55728 43409 58430 04033 56383 22080 68575
46766 30419 11916

Attention (message repeated) Out

6923 kHz, 16-08/17-08, 0930 UTC

277/34 Attention

84438 85827 75648 90487 07417 57593 50590 16969 99603 95114
34789 04836 21996 47490 05481 41301 09521 05242 25190 16964
26083 11060 82130 30982 69625 56483 60299 82492 41966 79217
78283 64083 57199 00452

Attention (message repeated) Out

7391 kHz, 17-08/18-08, 0820 UTC

431/40 Attention

84230 61688 15070 02220 82941 90688 18530 87227 24271 42404
53981 87507 70313 08074 52168 32627 79117 10719 34041 42026
21635 58864 55972 72053 72118 66547 00435 70462 39971 92866
19786 77601 20352 25595 01228 95110 56307 42339 70139 73210
Attention (message repeated) Out

9610 kHz, 18-08/20-08, 1910 UTC

612/39 Attention

85532 59110 39804 60656 66103 80321 47482 09684 48663 65922
71515 51738 13947 51129 40830 24480 97733 52870 90690 36081
46542 04280 77532 13842 88668 94677 48999 51271 91940 04431
43339 81863 49002 20063 94011 58117 09601 08845 77748
Attention (message repeated) Out

7469 kHz, 21-08, 0450 UTC / 4903 kHz, 24-08, 2000 UTC

410/38 Attention

03481 68114 02082 25430 57217 19338 88458 86549 54140 18724
15169 48159 92781 46350 48524 86980 75116 44541 68612 21379
89026 34217 13159 51886 74465 47735 07846 55487 46237 48377
97481 47016 20284 22170 12222 22425 68408 14830
Attention (message repeated) Out

9610 kHz, 21-08, 0745 UTC

266/37 Attention

37680 98177 95720 93639 91178 72549 75211 46620 79031 13219
76476 77253 49167 82494 88249 45196 72676 70843 34390 56580
63102 37775 29867 89593 79970 79392 02126 60594 81295 68337
00657 38762 75860 29766 11460 99785 87771
Attention (message repeated) Out

9052 kHz, 21-08/23-08, 0900 UTC

537/37 Attention

34792 35740 93875 11450 50739 62705 33012 35592 04174 87739
35254 85731 53041 49929 48405 74568 87572 22217 37344 84120
57602 73795 35176 54038 22191 69791 63953 70771 97305 23855
93705 53884 78262 60726 48831 01952 77502
Attention (message repeated) Out

12089 kHz, 21-08/23-08, 1045 UTC

696/22 Attention

53085 99276 27219 50229 88042 39361 99997 76637 09722 63589
63643 64910 63167 62953 28967 14450 03689 69393 47801 54724
07297 69642
Attention (message repeated) Out

8680 kHz, 22-08/25-08, 0700 UTC

576/31 Attention

89874 89038 73041 42099 52753 10980 52097 22950 34309 05439
95083 48704 27036 00222 33740 55666 64762 50330 94498 81066
15315 67233 79646 76057 69922 58145 72251 36548 74016 02137
17974
Attention (message repeated) Out

19184 kHz, 22-08/24-08, 0845 UTC

156/31 Attention

97254 68391 08226 81929 30363 78872 57892 54888 90738 93311
08599 90297 71061 03953 64201 31001 43177 26412 64844 41046
22317 27139 61718 70861 64279 07322 48115 66918 93070 76845
13445
Attention (message repeated) Out

12153 kHz, 22-08/25-08, 1000 UTC

306/40 Attention

84439 06305 44901 48345 36796 71081 23419 09114 88186 18143
19049 71970 71353 82274 09148 54119 34794 02091 98306 59261
02536 99079 20552 55073 65872 63426 34773 16947 81841 30676
65654 65681 37822 49819 20209 74228 59853 72379 25079 97333
Attention (message repeated) Out

18030 kHz, 28-08/30-08, 0715 UTC

757/31 Attention

76240 40659 28063 49794 10728 51756 38719 57189 75303 25470
22023 66995 35494 27535 43275 38986 91967 55991 22329 20425
26470 89124 81449 39312 00520 13988 42574 01351 36368 84844
75144
Attention (message repeated) Out

12815 Hz, 28-08/30-08, 0845 UTC

710/38 Attention

15797 96349 63202 09248 16876 89903 35130 87969 29828 37527
46704 01141 72517 78936 19028 59621 96537 99115 08232 71828
96314 53527 85832 21458 97320 09656 37131 73935 99849 67005
30665 78766 26903 41450 93960 07168 17957 47899
Attention (message repeated) Out

5737 kHz, 28-08/31-08, 1300 UTC

319/36 Attention

77101 80056 92287 50281 93668 13416 85454 88307 15060 53126
49760 35567 52972 19478 71884 30720 18042 52800 12934 43797
52744 40899 35902 64703 16773 24109 68611 48749 30335 19285
82271 45265 06886 11893 80895 54052
Attention (message repeated) Out

8091 kHz, 29-08/31-08, 0645 UTC

510/34 Attention

08330 01100 50669 84926 56050 66354 92194 34356 45485 19468
41620 58872 02790 26174 45128 00940 78401 32416 44867 32128
46517 99680 25116 59440 03168 79384 36570 71453 14038 05336
66743 81768 00499 53878
Attention (message repeated) Out

17378 kHz, 29-08/30-08, 0820 UTC

131/38 Attention

48806 66741 00333 78709 99315 68663 08530 77349 86052 60998
11116 21274 36547 84113 07498 54827 89487 57465 96077 09802
74712 11241 30014 78676 85334 22116 98401 22817 82555 65600
24931 47663 49660 50130 56956 37822 66072 31191
Attention (message repeated) Out

S06

11616/9322 kHz, 01-08, 0400/0420 UTC

480 259 61

49042 92841 15635 15668 06752 44612 10402 68198 58497 26831
29089 50302 65760 13977 54423 02245 38057 69525 58251 30595
19920 49605 63566 37120 29144 62999 88281 56378 38500 47433
75423 25442 18083 55089 39433 34178 80497 37279 83282 29549
96063 99208 66066 72333 70223 50786 25776 69746 00353 60396
86932 32362 54139 15592 07776 28797 36751 27622 46689 36580
38940
259 61 00000

11616/9322 kHz, 02-08, 0400/0420 UTC

480 731 56
37310 61285 59384 72147 28197 99052 78441 86406 33722 94593
79626 29187 29060 64298 22411 60414 01706 59964 12440 16593
50559 33001 66298 53376 92536 36226 64263 28081 68886 24204
95731 45580 68404 38051 27013 16013 09725 85661 46173 97742
49884 53263 64611 24018 11339 09278 80071 36749 44637 86389
30757 75859 68907 52782 95254 97642
731 56 00000

11616/9322 kHz, 03-08, 0400/0420 UTC

480 569 50
57544 87275 54593 55435 60520 13402 55428 80439 38801 16701
59426 78095 16092 51610 93350 30044 14728 75486 47372 79114
83695 82457 13105 63230 86908 38551 27981 81054 50173 10273
86916 94055 90285 03841 07198 94692 74689 57236 57526 95397
85146 52292 87165 18046 83842 38968 16117 88603 05372 89041
569 50 00000

11616/9322 kHz, 04-08, 0400/0420 UTC

480 237 51
68005 80046 43324 11125 12497 82696 32823 16335 09435 33447
74996 59833 42741 42224 46013 30167 68597 32184 47960 44281
79320 77891 93474 39457 06811 41248 79151 09101 45214 03617
39910 43310 97533 17575 01501 60166 75833 26730 73346 38690
09762 27045 48900 89389 43046 68096 05716 23347 22678 17722
22408
237 51 00000

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

480 165 70
80621 57410 87873 54178 87511 47506 60641 49675 24356 33895
30273 20525 63451 10550 04095 65744 86774 96801 01021 66095
04167 47011 93601 63131 92317 64229 70115 38343 34235 16304
08843 53333 63894 77869 81756 36975 45746 46646 29776 30470
43779 07498 76804 26257 59821 42678 74716 61711 45763 11710
96491 53562 19394 49328 19680 83964 38548 54922 67385 74182
13226 71931 98960 06795 60399 80607 67594 82380 31183 52599
165 70 00000

11616 kHz, 08-08, 0400 UTC. Off during group 36

9322 kHz, 08-08, 0420 UTC

480 927 53
20853 71407 97027 20545 96090 93034 45933 36783 75180 74761
69845 52178 28514 09051 08604 28512 52862 94089 99788 61956
45465 72984 18482 00645 85641 10564 05107 02188 16105 68717
85413 54563 41178 66199 14165 08829 84084 33851 94082 97078
70513 01165 52874 34103 30638 75133 81153 26169 36781 97330
61559 35368 18912
927 53 00000

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

480 613 52
80444 38864 14366 20356 74950 07417 73471 78747 86986 96781
10264 32742 08213 64550 84151 11691 21886 84501 26511 59849
61178 56951 86161 32518 36614 49661 27673 56331 66296 42759
49696 89660 51633 76089 15500 44035 98232 22455 12900 52552
16664 35166 85770 96181 94769 43350 04329 23933 42213 93446
66371 27794
613 52 00000

11616/9322 kHz, 10-08, 0400/0420 UTC

480 597 62
56913 87838 15964 54763 18080 98447 30293 19831 45577 22050
55332 62500 57899 36630 83619 33518 24077 38890 31361 52368
08797 63558 03710 77410 41821 24272 67953 15568 85174 43239
70548 51246 96515 61846 58941 99190 12136 49423 94108 10945
98031 52332 64764 89615 42474 50573 39156 92630 88521 14109
15401 27159 29915 76067 56299 67909 18786 65047 19545 51970
58615 63667
597 62 00000

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

480 321 60
51326 47410 67766 90663 42764 76627 64125 74501 25595 76084
23380 57859 64047 07817 35173 61292 97596 27683 46157 29857
85472 76619 60013 51942 94608 89177 23890 10251 48250 05288
30967 13328 77385 96178 93810 81106 42203 40397 68218 82889
15747 10866 32245 51207 46978 58902 50086 19997 45410 06177
45512 60538 54512 80436 74548 13569 06079 56186 72030 41040
321 60 00000

11616/9322 kHz, 14-08, 0400/0420 UTC

480 975 54
93004 96292 06059 08549 49477 22400 82948 62948 62156 43794
52853 91883 27605 93553 07503 60707 81157 66204 83766 49944
81270 08198 59773 54598 99818 38166 99942 28095 35544 82898
78638 19286 92834 39991 37124 75957 93018 03075 53496 13282
10372 10594 30306 70647 50016 04052 29536 05305 09901 06665
09629 46268 94052 58369
975 54 00000

11616/9322 kHz, 15-08, 0400/0420 UTC

480 621 59
02517 42417 22909 40977 87709 20051 83757 80401 19619 47965
37358 79381 73599 34274 55890 31817 59956 07515 42179 27728
80886 20161 40989 77694 00427 17074 75035 62429 32064 92328
22877 90622 73719 82864 80900 77678 44773 72381 46569 80719
04839 03936 25136 50876 58952 24655 46986 88794 78880 11032
87832 14313 95231 48207 08912 86227 40050 61710 39396
621 59 00000

11616/9322 kHz, 16-08, 0400/0420 UTC

480 375 60
26293 13082 34771 16154 83766 30419 57147 35673 65532 90376
61733 32117 62895 90412 17736 36059 26366 47176 01631 71062
54722 34069 53747 80357 47001 35712 19331 75884 66492 61485
85007 64385 89943 85344 46603 30232 40470 04090 69241 79689
27584 31279 25671 76279 42798 68975 23748 21953 84225 24517
59018 63750 08624 64486 53334 30635 34323 23078 65444 30192
375 60 00000

11616/9322 kHz, 17-08, 0400/0420 UTC

480 612 59
17121 01401 56193 17062 80688 43887 53487 35950 77732 44770
49411 39040 40120 39342 75190 31262 11518 16030 98417 52902
79954 22952 74611 31136 04226 43723 44961 62514 95097 47177
03708 43601 37216 40705 83581 91935 62690 81894 32753 24521
12265 28160 81722 86010 45032 29041 23581 43802 82617 90875
56103 92199 98768 68512 59075 32857 90298 63769 05334
612 59 00000

11616/9322 kHz, 18-08, 0400/0420 UTC

480 793 51
02396 15372 72132 67723 91455 98217 93527 07698 42156 35040
40260 84428 91058 55314 67973 92518 68089 68200 95211 63336
98329 15306 85933 71334 02361 16106 95402 57261 81065 35737
27897 10455 95852 29844 79672 77403 80215 46154 65617 88768
43593 87488 53032 22050 53433 65878 50982 42079 06437 02492
28651
793 51 00000

11616/9322 kHz, 21-08, 0400/0420 UTC

480 152 63
56106 92805 58614 71098 35216 11787 36986 11843 41093 40511
20164 39865 13646 24391 39578 09167 82150 81070 14768 49059
26229 49074 15385 67931 63496 69761 89702 89553 99789 82263
58071 14083 02950 36106 94741 20954 86060 51181 46516 55873
11110 79779 61645 69056 48989 50362 27424 96947 56785 97749
39905 04562 58288 09433 54195 30678 38670 42679 88736 03036
89245 92129 82044
152 63 00000

11616 kHz, 22-08, 0400 UTC

9322 kHz, 22-08, 0420 UTC. Breakdown, delayed group ID and count, abrupt restart on group 12, delayed 00000

480 693 51
78050 16841 14702 52876 59701 56641 95551 86966 82382 46318
00983 77789 46921 81590 42484 22220 09842 80725 65326 89551
07332 48477 85270 98807 70557 95718 08978 74512 73276 21898
61536 78103 57611 87558 69567 17185 49135 33080 73319 99785
96848 22836 66224 25838 39353 19531 85309 73043 02926 18396
00946
693 51 00000

11616/9322 kHz, 23-08, 0400/0420 UTC

480 517 62
84143 96961 80127 11745 75958 88538 38297 92982 78932 11424
13420 75120 37378 18124 97696 42482 64497 07532 25018 36649
03920 51381 96998 55431 68294 05963 35299 83176 34622 07526
52393 13382 01013 74812 57981 49505 34552 67156 43240 94961
64974 71585 70086 68197 03822 17371 37650 03808 93779 41442
03145 25629 17872 53135 99317 02738 23212 71683 15666 24297
38987 34901
517 62 00000

11616 kHz, 24-08, 0406 UTC. Late start. Call time shortened to 2 minutes

9322 kHz, 24-08, 0420 UTC

480 235 51
93748 39993 77736 74293 97381 44814 19406 98154 38188 48528
09741 69028 85049 55290 43211 21699 10040 63715 79182 53106
36459 00837 80429 90190 39323 18264 62694 75119 21719 67740
41215 41666 15486 98280 85158 31153 79645 42077 15907 27620
95024 81362 10132 16929 78505 13421 93579 99477 65348 55924
36531
235 51 00000

11616/9322 kHz, 25-08, 0400/0420 UTC

480 367 52
26305 38300 13207 77736 52157 17011 99612 02056 75342 41574
69037 99249 97251 58080 22594 03362 05075 62319 13437 26049
61956 69301 88079 32212 28887 41478 21259 82902 23024 99088
61400 31466 42125 61066 28936 83836 09780 89959 34625 58930
21128 39285 10095 10075 93763 26769 67771 93413 53489 81892
32389 94212
367 52 00000

11616/9322 kHz, 28-08, 0400/0420 UTC

480 316 52
17316 62939 94385 48960 37001 20242 12691 86445 89286 82157
92179 38274 31971 70503 08055 18520 00738 67934 42782 27968
16766 40749 13870 36745 18638 96774 09552 06510 92117 26625
68326 31874 95830 26817 63273 05755 06957 21024 77100 38340
34705 21673 78840 84348 75403 99048 38159 58286 07512 50112
38183 42372
316 52 00000

11616/9322 kHz, 29-08, 0400/0420 UTC

480 725 69
21433 18398 58971 97915 84797 63701 24266 00221 85140 57852
98911 01412 73384 22927 05573 51215 55171 47165 60619 82327
23250 15677 71401 15581 77075 77180 13731 65997 46805 32723
19170 98147 63868 57299 26938 04276 45314 90330 80004 03605
84110 55915 70133 86278 62594 98813 61534 50367 31247 47089
47812 05375 19990 37343 21909 40694 74192 63486 63717 82431
32572 34993 75065 87057 89169 55548 16741 45303 06608
725 69 00000

11616/9322 kHz, 30-08, 0400/0420 UTC

480 931 57
75342 05237 68182 61948 09183 78520 21722 98745 06149 65645
55844 96911 10046 26926 53550 53553 91925 20233 92243 71002
14997 94291 54008 26933 78926 78961 20738 68785 85731 83426
08829 05946 94434 38224 23097 98123 56680 42069 34636 63349
50486 99398 12269 54044 54344 59567 62333 74593 28822 93655
56413 38856 97883 69802 51775 91060 47103
931 57 00000

11616/9322 kHz, 31-08, 0400/0420 UTC

480 625 70
81140 20088 66182 42832 28853 57340 39159 07587 83548 43126
18204 96276 08663 48797 05958 26465 88863 56950 86664 50697
18499 72404 24826 68508 55374 59843 97152 04931 07049 44050
37503 53945 41841 33686 99503 10313 41728 54530 66523 38217
39328 03140 63704 50167 06147 56851 51735 94589 84291 01074
07036 75547 78818 59793 18076 53028 52917 40248 52473 97231
93119 27702 74597 95307 36704 91241 18336 33961 78504 86556
625 70 00000

S11a

12457 kHz, 09-08/12-08, 1850 UTC

284/36 Vnmaniye
23938 76434 11655 59205 54643 91792 38003 40162 33317 77393
09009 95347 92665 87798 16511 39183 39791 66119 70190 96376
76839 91792 74451 05768 08186 43030 54722 74144 74881 61703
54736 64327 26434 74002 94304 96526
Vnmaniye (message repeated) Konets

13537 kHz, 14-08/16-08, 0510 UTC

651/37 Vnmaniye
17666 79796 85812 43644 74505 45573 39192 33703 10484 74567
62755 56575 45811 36694 98195 03213 98959 18026 53843 27750
53643 46733 30226 62183 45761 92679 00607 38846 96053 12733
06633 75119 31118 85037 23297 39654 73267
Vnmaniye (message repeated) Konets

9339 kHz, 14-08/17-08, 0700 UTC

476/39 Vnimanije

30256 86102 47376 98331 16392 74388 57753 64598 52202 64727
19420 43994 97311 19292 19768 95281 14952 61589 74500 51772
43161 74918 21398 62357 43791 07871 75294 27605 36997 86583
98038 81123 43962 75047 00207 03782 83492 63365 51124

Vnimanije (message repeated) Konets

6814 kHz, 14-08/18-08, 0915 UTC

486/39 Vnimanije

72485 48366 41327 68330 98555 34009 83477 38707 92361 84124
92483 08454 98557 09138 91614 52551 76031 37416 11042 06658
48750 14813 90700 23067 39802 34018 84031 60943 18698 64190
56071 14415 58543 81762 46112 91542 86647 34633 78145

Vnimanije (message repeated) Konets

9448 kHz, 15-08/18-08, 1400 UTC

429/38 Vnimanije

60905 61307 04940 12516 01195 48450 38518 75450 05109 11196
32234 68190 20131 55779 26865 32040 92439 97229 97372 26789
85353 13411 73634 74058 69586 39757 97417 16996 81301 66045
74718 04974 80990 11758 56302 94559 57435 69352

Vnimanije (message repeated) Konets

5149 kHz, 19-08/20-08, 0830 UTC

372/38 Vnimanije

15152 68786 88731 93897 42599 26368 36914 26880 27715 07454
14203 39647 22427 19528 70540 71319 43915 49668 88689 93645
61643 47974 58337 09577 23614 12784 95774 51465 71050 69376
42628 40806 69328 54579 38202 85408 42674 85216

Vnimanije (message repeated) Konets

9968 kHz, 22-08/24-08, 0445 UTC

799/38 Vnimanije

73476 09218 21804 80444 03570 30002 03311 32647 89864 22936
60616 08678 42579 04121 42699 78653 18324 62298 20459 71493
56227 63341 36131 47274 39614 31489 66411 29945 21597 67405
85331 17350 28056 46682 29743 38400 88087 67195

Vnimanije (message repeated) Konets

20905 kHz, 23-08/25-08, 0725 UTC

389/35 Vnimanije

61971 70751 02205 21829 86490 94717 15913 23068 65996 07969
57015 82419 78903 53042 36188 15916 56757 17051 39451 70063
30107 32047 88576 52086 54062 92205 72876 51848 70804 84765
90165 58888 96818 53761 11727

Vnimanije (message repeated) Konets

V07

13408/12208/11508 kHz, 13-08, 0700/0720/0740 UTC

425 425 425 1 105 116 105 116

84656 99473 28598 17435 46212 16153 10539 91403 33545 23143
76038 76366 72361 83069 49015 12836 88191 51257 29437 78028
54829 01814 60215 11870 37085 01949 97684 74630 61203 69389
80169 90573 85626 10389 58553 36504 16842 69672 55422 84744
91924 12451 87296 00252 52088 24693 38364 74657 88950 25719
96777 05306 38869 43306 34224 58622 08700 44948 35957 54580
26442 58805 61839 92030 38629 23684 14620 33935 40191 28130
42470 16772 36582 78469 89436 71491 12075 03017 47830 94813
90441 55627 95148 77530 04035 90559 78384 01434 32020 17642
54754 76827 66779 29368 40433 94030 28427 29563 19493 75735

97509 49617 91368 86989 20263 93190 85413 46734 13789 79429
11100 86064 78789 13807 04893 38161 000 000

13408/12208/11508 kHz, 20-08, 0700/0720/0740 UTC

425 425 425 1 7800 114 7800 114
92103 80826 27754 24424 55906 63772 85154 79670 35742 13090
95072 61039 68660 69047 91474 97628 62914 11403 08734 99924
07384 46087 75084 48767 03873 30766 06294 83620 27716 40591
02450 27189 87513 44561 51122 53831 74861 63842 22304 36265
89544 48375 09441 02539 19113 97918 45104 44686 93900 88849
29510 44397 69150 33028 23121 94717 57495 19168 41754 02275
59886 93457 07236 67158 57073 58670 92185 54342 85800 44981
45952 64224 79284 51655 30486 04126 38755 34599 76444 02260
33955 81705 00925 16282 92935 89392 97429 34627 78127 13703
02204 03762 94286 99820 85721 92440 29029 19933 16985 70094
69308 55426 67878 19909 93007 92031 76140 64971 54868 78636
60944 69975 06861 08672 000 000

13408/12208/11508 kHz, 27-08, 0700/0720/0740 UTC

425 425 425 1 404 73 404 73
07289 75361 73701 11818 89901 02951 83416 48940 97378 70311
78234 39425 55427 66293 76690 38459 52887 67848 20701 71794
94773 06351 80861 86410 46671 34609 22919 36741 87882 90804
78484 16591 51871 27969 04793 44165 36414 15515 57247 55206
11423 97501 52934 61831 09403 57095 22106 49053 83516 85591
68038 16977 66044 69075 19425 92565 30693 21013 76022 39084
45369 16933 63650 62129 27505 96284 05536 21790 30815 39506
34143 57820 84164 000 000

VC03 - Chinese Air Defense

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In progress. The first page and the first 15 groups of page two are missing.

0306 6478 4976 8521

7518 3960 2908 3461 0289 1754 6925 4713 0896 2354
3179 5442 5910 3642 6794 3530 7306 2548 7012 6495
2948 7536 2856 0147 6431 0982 5018 4693 0972 6138
2946 5387 5981 3240 2978 4306 6751 8329 5823 7496
1476 8923 4302 1567 9672 5108 6037 0184 3482 1957
0986 1237 7819 2305 0279 5314 8623 4105 7463 5290
6394 2158 6135 9782 3014 569 83509 8617 5312 7890
8305 2641 8034 5267 7625 1948 2179 0435 6519 8034

兩頁完畢，三頁發下 (一頁有 100 組，這代表我已經錯過了 116 組。 (Two pages are completed, three pages will be sent)

6293 7014 3106 2748 0718 4625 3927 1406 1740 3519
1670 5934 3163 0475 8097 1652 0735 8916 2518 7496
5148 2637 5431 2956 1720 8415 0576 2198 1429 0763
6719 4283 3541 2697 4238 0197 5938 1246 5641 7928
0469 3175 0386 7452 4062 8315 3659 2017 8514 7930
0465 2989 3514 2980 0498 2716 4201 6857 3475 6902
1805 2341 2934 8765 7304 5819 4679 8523 1925 6376
8957 0631 5369 0724 4807 3951 6273 1945 5106 3892
4926 1850 8645 9213 2645 1039 1042 8519 3942 5108
6935 1587 0574 2083 5276 9384 0698 5723 4160 完畢 (Over)

MORSE STATIONS

M01

4903 kHz, 01-08, 2000 UTC

025 723 723 30 30 = =
12090 13090 14090 15090 17090 16090 18090 19090 13090 14090
15090 16090 17090 21090 22090 23090 24090 25090 26090 27090
28090 24090 29090 31090 32090 33090 34090 35090 36090 37090
= = 723 723 30 30 000

5280 kHz, 03-08, 1800 UTC

025 203 203 30 30 = =
69709 14253 50968 57768 30989 14234 56769 10978 17565 24323
50978 69788 14234 40098 47565 14232 10894 28756 20989 15465
48767 12322 36654 79899 57687 35544 58767 30890 37645 16543
= = 203 203 30 30 000

4903 kHz, 03-08, 2000 UTC

025 236 236 30 30 = =
58867 73243 59900 16455 69789 36455 14233 40989 17565 29867
33546 10978 36545 19870 48767 14234 10978 36547 15436 57687
55776 14322 47678 55998 60909 68767 45543 12321 58769 60989
= = 236 236 30 30 000

6435 kHz, 05-08, 1500 UTC. Different repeat in red

025 352 352 30 30 = =
81090 67090 52090 63090 71090 73090 82090 73090 81090 73090
01090 82090 83090 84090 82090 48090 18090 67090 63090 82090
46090 48090 74090 72090 81090 83090 64090 01989 01929 76010 42787
= = 352 352 30 30 000

5280 kHz, 08-08, 1800 UTC

025 412 412 30 30 = =
89034 78912 67845 56721 34590 56123 78945 12678 34891 56123
67234 89456 90345 78456 30890 56123 67823 78934 89234 56789
45789 12456 21987 43098 53764 98321 56718 68790 36485 61504
= = 412 412 30 30 000

4903 kHz, 08-08, 2000 UTC

025 793 793 30 30 = =
89345 90678 23410 23567 10345 29103 38456 47123 56890 10456
92876 83654 74321 65098 15790 28456 10678 25081 78234 90345
89157 86507 81953 71028 70495 34789 12567 36890 90456 23901
= = 793 793 30 30 000

5280 kHz, 10-08, 1800 UTC

025 595 595 30 30 = =
16123 93013 47823 48821 59231 69374 75331 85237 (85231) 95390 10560
13755 29540 39190 48821 05347 62771 70041 89002 91511 10332
10740 93365 85611 75991 60010 52771 49199 39000 28557 15029
595 595 30 30 000

4903 kHz, 10-08, 2000 UTC

025 365 365 30 30 = =
73000 82841 30194 42905 56886 65137 72618 82339 94010 10730
18502 26593 38514 48005 57126 64597 71066 82649 92210 10979
18554 28551 38521 27592 91940 81895 92905 81372 81942 00073
= = 365 365 30 30 000

6435 kHz, 12-08, 1500 UTC

025 569 569 30 30 = =
12567 45623 67823 89056 45789 12678 43098 43987 65321 87432
56123 45809 34987 12809 54876 21098 34654 21765 34876 12567
56809 34321 67865 34987 23098 10789 34987 56321 89432 90234
= = 569 569 30 30 000

5280 kHz, 15-08, 1800UTC

025 816 816 30 30 = =
18451 37183 65632 99986 90987 10123 43215 73615 18471 66115
47163 78965 44553 90987 99654 14231 66452 87546 88447 34526
33721 17954 39976 47361 44663 90876 76574 87654 33621 87564
= = 816 816 30 30 000

4903 kHz, 15-08, 2000 UTC

025 771 771 30 30 = =
33661 76543 90987 76545 87876 90098 22123 16453 87635 16352
33647 88473 22331 77463 65436 85746 90998 67548 46351 87563
11234 22345 68573 64758 33551 55847 64736 98987 56564 90987
= = 771 771 30 30 000

5280 kHz, 17-08, 1800 UTC

025 201 201 30 30 = =
01929 10939 19292 01949 10959 10969 10979 10989 01919 02939
12030 12049 12059 12057 12049 12049 23090 33090 34090 44090
45090 55090 56090 66090 67090 77090 78090 88090 99090 99090
= = 201 201 30 30 000

4903 kHz, 17-08, 2000 UTC. Different repeats in red

025 955 955 30 30 = =
81743 81745 91051 92850 91085 20101 20191 85693 81853 81755 01066 81849
81847 65910 05461 93957 20220 83775 81899 78536 01947 22301
01850 81842 09127 88141 82202 77141 78341 92876 82841 51840
= = 955 955 30 30 000

6435 kHz, 19-08, 1500 UTC

025 328 328 30 30 = =
22881 34567 87463 99877 90909 99098 75632 81176 98765 46321
35163 22771 48576 46372 88990 55663 76453 89898 56431 98765
45261 48573 66443 22772 28374 98654 22345 47312 12122 09876
= = 328 328 30 30 000

5280 kHz, 22-08, 1800 UTC

025 654 654 30 30 = =
51058 91952 81866 82503 91649 01332 01755 91742 01650 58224
92962 81007 83306 92922 23181 93347 91959 02064 82519 01653
93321 99589 01044 88138 91330 03300 99528 01001 01110 91000
= = 654 654 30 30 000

4903 kHz, 22-08, 2000 UTC

025 191 191 30 30 = =
91955 55382 92055 81560 91951 03030 80125 77204 01060 71261
91946 26451 73916 01754 91841 94710 03026 91948 61073 91690
92957 81773 81944 91930 83729 01941 81650 71754 91964 08950
= = 191 191 30 30 000

5280 kHz, 24-08, 1800 UTC

025 740 740 30 30 = =
00011 85820 58132 99451 99451 99658 61410 99377 91537 88190
85369 88345 99148 99142 88164 00154 88738 00164 88275 99182
75719 00593 77254 81863 88290 88260 99256 81853 92965 82700
= = 740 740 30 30 000

4903 kHz, 24-08, 2000 UTC

025 371 371 30 30 = =
70020 54820 64355 92851 93432 95925 81853 91963 01007 93005
81835 00136 88132 96710 50050 84401 01152 10001 90009 85761
88439 00142 99006 93501 88103 88400 67420 99655 77295 92000
= = 371 371 30 30 000

5280 kHz, 29-08, 1800 UTC. Messy middle part

025 932 932 30 30 = =
12090 13090 14090 15090 16090 17090 18090 19090 21090 22090
23090 20920 **250950 2609026 02700 028090 009090 0029090 090** 20090 31090
32090 33090 34090 35090 36090 37090 39090 30090 41090 42090
= = 932 932 30 30 000

4903 kHz, 29-08, 2000 UTC. Sent only 29 groups

025 378 378 30 30 = =
12090 22090 23090 33090 34090 44090 45090 55090 56090 66090
67090 77090 78090 88090 89090 99090 21090 24090 72090 12090
09121 99121 98121 88121 87121 77121 76121 66121 65121
= = 378 378 30 30 000

5280 kHz, 31-08, 1800 UTC

025 525 525 30 30 = =
79870 75645 12321 44665 69870 79877 16454 66889 70989 57655
79878 56655 34323 15423 08989 58877 10989 67878 59877 10099
56565 23467 10098 68767 35432 12322 79878 56677 10897 36456
= = 525 525 30 30 000

4903 kHz, 31-08, 2000 UTC. Different repeat in red

025 592 592 30 30 = =
18187 48767 26354 50978 07589 47589 19687 26454 10989 57632
10968 37465 60978 **60987** 17653 50968 57647 39875 10988 50968 12321
47019 39857 17655 40787 17465 11099 40993 48509 12009 27765
= = 592 592 30 30 000

M01a

4921 kHz, 29-08, 1457 UTC

421 15 000

M12

6784/8184/9342 kHz, 0030/0050/0110 UTC

6784/8184/9342 kHz, 01-08/04-08, 0030/0050/0110 UTC

713 713 713 1 613 144 613 144
10009 82506 29587 49437 08528 96305 09781 02476 71609 93183
84108 72569 35975 14840 75409 99378 04156 09534 70377 70119
30910 22474 27453 24403 22168 92864 81805 69845 01685 27565
63122 41028 32469 58111 42366 41836 36991 53809 73628 86053
77776 58234 65393 70032 09061 65190 36730 03442 92171 57695
81869 20123 02409 18160 90845 11093 00595 45127 23507 48300
34961 01330 26856 16413 37466 25925 62281 44484 40307 54856
57143 67936 71773 85658 47529 21765 83771 86670 14424 30938
27764 58568 81508 18142 56642 23363 36656 90471 65181 54162
47848 76004 46045 71596 41177 12587 64082 67269 84658 00824
23678 06095 60013 48448 32954 56879 94178 79040 85610 95627
13423 27482 29551 41887 30657 29208 97269 91882 22846 38340
68670 31392 22430 80247 10660 32398 42333 43251 63676 53461
49583 83228 41820 16560 78281 52083 67099 92857 14655 09087
63150 39913 93479 36788 000 000

6784/8184/9342 kHz, 29-08, 0030/0050/0110 UTC

713 713 713 1 5301 114 5301 114
56359 66021 16677 11230 52430 31594 29358 67556 88437 67904
15307 08744 05582 64461 62403 38315 35077 74247 44229 29295
86497 90214 35233 63935 25561 78480 04518 67949 66278 58603
47563 78167 05558 43268 95899 15009 45588 35468 71611 75185
41123 98112 24312 38732 66510 92790 77171 82111 46306 66708
98366 98329 43186 00030 62336 55320 17343 65616 91971 80580
83417 06624 33733 16102 25465 99478 10318 15656 20646 12735
95425 15790 71637 37618 84408 82430 49491 19720 54782 23690
53883 78775 49326 27614 84470 88799 56137 22701 16912 81387
84320 47636 52879 70238 13908 10721 32745 79138 88975 46029
05418 41563 02299 57334 86273 59407 39163 81159 47681 96963
33980 88658 00959 18719 000 000

15931/14831/13531 kHz, 1900/1920/1940 UTC

15931/14831/13531 kHz, 02-08/04-08, 1900/1920/1940 UTC

985 985 985 1 7591 47 7594 47
51547 54574 18163 13299 76525 34568 98316 11909 73376 80099
47499 30875 60274 71471 30998 13631 47651 33482 18375 76953
14125 74920 00006 40970 76606 46018 60087 50422 63686 30719
70196 33168 22623 01290 41438 34446 66688 24313 56101 46596
55870 81707 06589 71781 13736 28667 62095 000 000

15931/14831/13531 kHz, 16-08/18-08, 1900/1920/1940 UTC

985 985 985 1 297 61 297 61
11696 57065 56212 49606 36780 75452 00308 36552 52936 51910
67795 97908 79844 12176 97904 30992 48581 52269 49141 40907
41575 15230 09600 83616 02353 51328 42133 49590 69463 66134
65889 10239 91021 92118 63454 76237 05899 76660 61764 66619
00641 60985 56906 07175 66980 11656 12230 36128 75350 62081
24906 17281 35367 78336 48306 40733 15602 53286 55780 38443
88260 000 000

15931/14831/13531 kHz, 30-08, 1900/1920/1940 UTC

985 985 985 1 422 65 422 65
75800 59281 68392 78420 69149 85506 77503 99439 00988 95993
81917 07067 24859 17382 64319 56538 66089 51479 95998 60916
61535 92150 20302 52577 71927 39161 04435 55168 57518 76184
13352 04201 59900 28189 25583 96754 51419 92267 08256 89679
16910 28801 13985 48864 62736 64414 52903 67539 68262 27651
36753 95766 32342 68111 93236 43424 66295 56831 62020 96733
60054 49407 66902 21704 08677 000 000

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

13386/12189/11491 kHz, 03-08, 1110/1130/1150 UTC

725 725 725 1 6261 99 6261 99
49577 98965 97330 23802 71607 64368 54756 20449 46550 34982
98061 32491 44280 50768 19307 15194 25548 63043 95424 03755
37200 05990 71559 99803 19338 54067 78641 42437 13135 80934
04714 34814 64312 94044 65522 77979 55717 20507 04281 70016
39498 59586 55119 06139 99073 22615 67716 51732 35631 52080
09627 49765 23439 87954 99816 32757 91705 70541 53179 91333
73541 00553 11286 15372 72448 58116 29329 66384 74910 31207
47515 58055 29490 18080 52535 32335 45032 53264 75721 70018
51302 11162 25701 69074 76342 94227 22259 32900 32631 28714
89360 97873 79980 02108 49960 50930 16079 29550 53173 000 000

13386/12189/11491 kHz, 10-08, 1110/1130/1150 UTC

725 725 725 1 5116 97 5116 97
97051 33536 99252 69475 29523 77047 99071 10588 41043 95922
87194 92813 52157 99430 54691 18084 17719 17031 92352 19573
90616 41283 02971 84965 29111 30069 13254 01655 95191 63634
70811 09403 30591 79320 68416 67104 04712 05143 17521 90284
79327 86655 37362 83370 18989 93286 64367 01543 48590 33993
66472 80438 53789 74681 77946 33085 53260 91648 06157 00703
97075 86018 59672 11179 67200 06365 26045 83502 20564 19335
99906 25064 13355 99124 86056 52569 12005 26973 33850 96903
18197 39331 99373 93303 29390 57547 82537 20131 32663 40010
63961 24282 53952 63091 81089 93756 57331 000 000

13386/12189/11491 kHz, 17-08, 1110/1130/1150 UTC

725 725 725 1 2101 92 2101 92
49686 14690 18092 16119 47711 01814 69612 71834 87206 01209
62807 61566 96554 12974 98760 64641 99717 41536 66274 22764
82569 84190 14046 08389 06517 25018 47093 64128 00634 16704
38964 16386 24915 34010 57199 90266 68964 58352 00255 60570
75608 67965 14729 44260 50599 55543 84559 11878 78700 53050
17864 60703 12536 69238 35482 73583 15931 15802 14747 53334
61667 63047 24972 62115 01107 97007 49137 08365 75339 64021
31184 59598 82972 33591 79567 57811 47893 28291 02477 55606
39003 36518 81474 13039 40680 55791 90748 56860 63103 97636
15301 22207 000 000

13386/12189/11491 kHz, 24-08, 1110/1130/1150 UTC

725 725 725 1 4645 93 4645 93
90305 43893 67830 59696 67833 00071 63151 35548 38611 03871
48557 11964 32186 25326 03112 80723 71366 88589 25994 17849
49611 16328 14737 19417 40523 44261 01238 75255 24297 88512
22674 44376 64718 91350 56965 97655 59039 85583 22588 77118
64016 52915 77810 73329 45517 31187 16568 18864 55426 44371
44814 18833 31134 12129 84684 81352 98363 77327 29430 45074
22082 97075 95314 48407 38847 89379 40500 67444 07678 66385
69001 34503 93270 80307 63056 61161 26413 50497 22405 65969
63219 38444 12891 28045 85335 49009 12574 93320 75045 93492
84512 09954 48443 000 000

13386/12189/11491 kHz, 31-08, 1110/1130/1150 UTC

725 725 725 1 6692 92 6692 92
69511 54840 07801 81201 98550 17804 33795 76868 50046 11133
92703 74009 75797 69843 22625 98188 96575 16657 35860 92060
23601 65444 93119 10036 92379 64916 68486 60569 51218 94679
92700 99904 16387 19353 05430 70289 28226 40377 61418 98337
00038 48303 87002 33023 05676 90251 87818 17832 67349 80485
57106 53369 35794 08810 54796 22288 86405 06843 84248 19498
92279 10134 31480 71743 40482 12215 28298 63603 05500 69340
02963 97458 88981 49503 34603 94375 28804 08558 89125 15785
74306 56934 43695 09831 63914 33341 47528 84739 48213 43175
16378 44262 000 000

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

11435/10598/9327 kHz, 05-08, 1800/1820/1840 UTC

938 938 938 1 3499 76 3499 76
12116 05472 15148 81733 30572 95420 73465 40220 97345 52709
12922 16496 51165 61583 89533 56026 67439 44134 75364 86697
47860 27696 45229 76870 30135 26885 90141 99837 77279 23067
28994 46517 58847 44800 88403 58333 95102 11297 23651 89805
74969 43858 52187 06815 32828 41984 60385 45508 82612 92871
10641 56685 23912 58223 40737 16708 13272 53960 89745 42486
09647 13270 89503 91286 19614 43282 81847 26801 20262 93715
30524 13492 70441 60121 23274 07995 000 000

11435/10598/9327 kHz, 12-08, 1800/1820/1840 UTC

938 938 938 1 6740 70 6740 70
28144 76145 02140 87820 27987 81508 15486 77142 57574 79757
83488 58365 61063 47372 16495 41249 94939 81691 83586 47939
06036 29424 36866 21765 30453 70630 72959 23667 96358 24814
29375 92498 12126 16373 85086 66971 21488 78299 09786 65186
60175 78409 32685 98238 24472 97220 14005 10721 94196 72926
73894 16446 96298 82533 90929 72414 68952 76163 55261 22117
56687 63696 81399 16670 20998 38307 51339 02085 40295 42360
000 000

11435/10598/9327 kHz, 19-08, 1800/1820/1840 UTC

938 938 938 1 5201 70 5201 70
92508 96148 12848 68943 92090 35789 02288 55370 36123 95528
01071 71504 39258 80963 04249 21861 89409 82561 30327 44544
95997 59579 53886 35169 55249 90975 75322 20423 97775 02553
82848 32407 59822 99563 31830 87589 75436 47838 05458 09446
06929 64540 66610 05457 20272 87359 93028 06150 02332 39307
54863 94191 90950 26320 43057 97959 93974 45398 64120 92829
75043 14293 25502 50206 72434 91757 78652 33533 92456 08104
000 000

11435/10598/9327 kHz, 26-08, 1800/1820/1840 UTC

938 938 938 1 2988 78 2988 78
20763 93310 64765 98438 25931 51819 01959 03837 75276 22312
10615 60357 74110 45274 59060 73268 37688 95892 09350 33072
79677 29908 38764 97230 96344 65567 32441 31915 95808 22710
51763 16130 64325 03250 88071 38251 48452 15810 69509 42557
89101 61959 24616 80703 55153 92986 12673 46345 05217 23441
44522 38662 41188 07882 16353 02971 68562 67459 59610 83426
54619 70981 09956 66551 23286 29144 78606 12365 67549 60154
17813 12757 78533 22894 43805 57899 18693 99574 000 000

16251/14951/14451 kHz, 1600/1620/1640 UTC

16251/14951/14451 kHz, 07-08/10-08, 1600/1620/1640 UTC

07-08, 1600z: Restart after group 31

294 294 294 1 5193 105 5193 105
17581 31300 29275 98742 48421 43753 33993 13663 36543 83050
22291 24619 65564 71593 44945 75458 17650 65257 01653 07936
81812 56740 72632 29515 50750 71129 53032 94910 18512 42477
76868 98894 42211 93698 17412 36009 26713 64454 87980 05497
94392 43458 52677 29476 34965 33360 43890 08628 85308 12027
56208 19015 65896 42588 31829 46899 13460 21983 99550 74146
82399 78149 11603 40390 23666 12376 28507 81517 20115 82042
18416 25082 80135 95231 01425 69369 83653 17456 32355 34135
50150 06536 37903 26671 45954 97421 73713 53091 48160 00095
12704 53186 17256 85674 62968 36387 23683 14510 20319 69615
28414 29270 41941 03045 36987 000 000

16251/14951/14451 kHz, 14-08/17-08, 1600/1620/1640 UTC

294 294 294 1 6345 64 6345 64
35317 29383 39968 58126 01236 07067 45143 01870 44322 87290
54955 84766 03483 26236 42250 69675 54434 73752 15092 74407
26792 92362 90410 25653 55945 08951 56824 88343 82010 65553
87578 48651 08918 97198 23508 28116 05856 05324 56010 16122
72506 90234 45258 11102 04036 99182 84701 40514 75788 35462
22557 51455 73527 86532 12523 28494 58324 99584 67856 58302
80448 66064 66641 74083 000 000

16251/14951/14451 kHz, 21-08/24-08, 1600/1620/1640 UTC

294 294 294 1 430 88 430 88
90155 09839 31919 63879 17676 85076 78013 14121 65690 90231
27632 91141 24712 04976 71355 29899 89361 98288 85926 85649
96163 96938 12720 06680 93909 03885 28284 07244 43198 70854
00598 58449 69081 29440 21315 75828 22937 32981 71886 73106
43992 25020 14822 54313 05551 96891 70583 92002 22622 61604
76861 21011 92462 10032 65097 90584 86889 42388 34795 07670
49670 28035 38072 27525 26164 32543 64934 92855 65188 07865
86154 05001 21917 67799 52796 10451 62887 24996 65663 65858
23786 74151 50042 19654 08757 62530 24590 72468 000 000

12148/10648/9148 kHz, 2000/2020/2040 UTC

12148/10648/9148 kHz, 07-08/10-08, 2000/2020/2040 UTC

374 374 374 1 313 97 313 97
80479 16132 26544 51700 36682 64510 11509 32045 98853 53154
48540 66216 35944 50051 40163 59558 20502 76752 26564 82213
02988 26786 61291 58474 63810 43799 73680 10009 61337 00614
22691 24059 07250 82508 40965 38058 82625 86604 80035 34103
76098 29224 53369 13804 22565 68342 63867 68908 81396 70405
83830 18124 62251 95047 95575 73264 29716 92948 41461 71266
14879 60635 30146 75112 46626 76412 67587 88668 44911 17464
24180 28254 59475 45673 23801 04578 99776 69081 59157 41019
36627 50093 55843 91844 24978 95994 36605 26100 62593 12038
07376 11854 26903 86945 38068 07636 45682 000 000

12148/10648/9148 kHz, 14-08/17-08, 2000/2020/2040 UTC

374 374 374 1 7251 141 7251 141
80717 38924 27267 75875 47310 83776 66163 55460 08629 20367
96794 10003 25870 90298 05250 32759 30552 14229 41958 64634
84340 89527 65092 49413 01211 85800 28372 14572 68426 40291
96583 55413 60030 37084 06103 68414 41323 77569 57244 40357
45846 45720 50534 59585 35590 58528 66033 45526 41339 54476
12013 74365 50983 92205 62942 93536 86467 11056 54855 20443
88433 72072 12875 96696 24880 79958 90602 31225 77943 70099
05479 04962 67317 14940 74624 28905 49716 94042 22781 37455
91078 71015 60769 20998 08916 51012 82898 95045 30955 98858
40593 42066 70652 43625 22842 40005 08069 45637 17396 65851
36910 99609 90731 93832 91914 79322 97276 81854 76920 26249
16193 17903 66533 05709 52197 43997 44163 87878 95299 42889
72313 24642 00065 11629 17954 63836 93691 50567 87900 95828
09366 32673 79593 67926 20025 83259 21563 26917 57204 16661
35755 000 000

12148/10648/9148 kHz, 28-08/31-08, 2000/2020/2040 UTC

374 374 374 1 6066 129 6066 129
92636 10677 41072 41507 30812 79858 06580 96584 36301 10662
58973 29417 95510 39458 32202 19287 54999 78050 48491 01063
05227 39281 12806 04114 48418 19127 49398 42325 75827 08036
05679 36221 45011 29261 29197 00831 00299 34910 55368 80447
51485 69089 04036 54863 24517 91216 59092 21451 55113 63141
78503 60136 81597 72353 95488 57114 24212 34008 76101 61345
88535 11640 20820 67145 88394 40936 91573 01209 39966 98753
19273 75339 05244 82700 93922 01979 52118 34299 70773 62247
82793 92925 30538 92670 64096 58158 66749 76234 79540 41219
31791 18560 74099 42893 87673 24071 92346 37175 76707 61692
84788 04747 80756 89212 27339 30409 26322 67974 41109 37882
14745 18978 74652 65911 02434 90193 48732 98411 03882 68205
41740 82049 22482 52340 78326 23351 54239 35124 64111 000 000

10429/11429/12129 kHz, 0600/0620/0640 UTC

10429/11429/12129 kHz, 09-08/12-08/16-08/19-08, 0600/0620/0640 UTC

441 441 441 1 633 177 633 177
17635 58548 40164 97030 33959 67495 56333 92329 93296 99045
07940 37914 77147 01754 68701 00064 65098 88563 14466 15973
43006 34957 93611 68902 80867 88157 97671 00055 03330 74076
79898 22607 05837 66388 83256 08585 88415 83092 77619 34133
15650 14373 81835 65442 80668 45988 48402 65345 66068 58097
53702 67537 12093 63304 21537 58279 72289 21420 27175 77174
16411 57395 31504 22805 70422 22619 76322 34733 34592 27840
96202 86361 55942 52108 70021 05936 66679 88062 96615 17923
73931 11045 99174 78883 15150 27231 41500 86315 93507 25911
18963 81174 46767 66110 93195 27010 12576 50089 59078 08557
01878 76808 75725 59203 64330 90961 35747 33522 70399 53551
06051 07122 44317 59982 27969 87060 41001 43893 55718 24406
30462 35344 77993 73007 31282 08434 72793 68027 92233 24042
94108 31698 17259 59180 73933 51926 31761 88323 72668 00447
29000 67442 67775 77147 56186 93946 51494 67042 31884 13263
97829 68239 82149 06368 25884 56151 10235 86621 81083 42316
24026 32810 14415 80152 11103 72508 65792 24595 69837 13365
18053 47815 57478 68984 78940 20535 73934 000 000

10429/11429/12129 kHz, 30-08, 0600/0620/0640 UTC

441 441 441 1 594 111 594 111
25586 61497 28443 28440 58101 90022 07247 49439 81189 78637
75028 22888 22583 37110 59981 64852 00953 76410 62422 43111
41125 48692 04178 67799 62032 88348 36648 48972 15540 92645
25594 34749 61797 77744 59089 28668 82051 09350 65329 59663
53147 66025 99289 29691 34293 71951 40850 06555 16626 76429
82805 77071 70076 34345 42039 04737 70132 78436 36850 72883
17701 13260 42664 63915 05625 32633 44736 42436 22964 08635
96714 46374 80554 71074 19307 39046 26844 93315 82397 70765
66724 10337 03302 66012 45445 56944 11522 43977 88575 95434
24996 16364 01168 77046 43910 91067 57547 83925 80934 93826
54365 03526 03542 13195 41149 37897 85244 28105 10204 28412
56320 000 000

14681/13881/13381 kHz, 1600/1620/1640 UTC

14681/13881/13381 kHz, 09-08/13-08/16-08/20-08, 1600/1620/1640 UTC

683 683 683 1 4089 194 4089 194
99155 73019 75664 71296 01191 93300 98996 30180 23091 92809
57251 13506 65478 03821 44955 39405 50164 69765 83281 97415
25567 10033 68844 17455 31642 49625 35677 63357 22564 03064
39909 73430 87201 54922 26807 05352 44318 59856 36444 75896
53552 45718 43053 78325 76785 06439 70537 62463 36270 72309
27167 94604 85658 68524 44135 41445 61806 12677 01681 83678
34811 42424 33248 05581 42133 48444 74486 65113 21699 44304
67398 21862 72942 93620 21938 98720 69245 83015 05575 74719
29129 43867 87699 77435 68494 54580 93252 95822 63848 88900
47391 30969 23265 44874 43101 85661 39446 33989 83745 26065
06076 39352 15487 82333 01323 70223 59810 33962 94442 09783
17185 81785 53173 39901 89911 64950 90556 97589 98372 77979
64058 11539 91587 50324 00513 47817 51304 57369 47611 03802
70848 03727 17286 03411 34128 17151 85817 63265 67049 16529
53120 00575 15353 49304 94516 80774 81631 89817 73102 05525
36166 17515 89866 37682 56300 57264 16424 26752 74737 56013
24922 14432 45898 52582 38139 08867 43388 39403 91392 25664
92621 57271 03988 78384 75547 05633 78856 33037 63010 73866
06718 48651 97064 80691 57368 45561 50808 95809 97736 09001
31596 42187 95488 92114 000 000

14975/13875 kHz, 01-08, 0300/0320 UTC

984 984 984 1 317 83 317 83
22314 53945 71704 14567 97957 24006 49482 13814 47822 30305
25594 40885 91832 75661 84026 77824 61760 47774 47575 32818
31939 26883 87259 55897 23898 09111 04643 91636 44533 72737
68107 52836 64939 05779 30115 57081 11984 71489 54491 64563
88063 86268 67428 24711 01659 65584 73918 39264 42125 17682
59518 69751 75018 15290 41039 65249 64859 46524 89122 02002
86122 41961 85745 28859 90326 93867 25694 75558 11292 63018
87044 93284 49055 21693 50244 14863 15456 45991 10989 96215
24633 87492 40449 000 000

M14

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

952 463 463 52 52 = =
17039 92584 87143 82186 84184 30855 86395 94029 01691 11705
66538 20585 95599 46584 65940 34326 06481 04323 33715 80613
35024 32885 07213 08857 16648 26131 14596 29185 23541 77790
63457 99269 17586 89833 01415 71034 02601 27417 59604 51893
49331 37609 15030 60244 91637 74058 32698 79881 17309 94822
73469 43018
= = 463 463 52 52 00000

12211 kHz, 02-08, 0500 UTC

Inverted morse and very weak

10243 kHz, 02-08, 0520 UTC

Inverted morse. Changed to FSK CW at 0728z; off/on/off/on again at 0530z. Only the final part was readable.

85847 51696 78058 13649 26429 69194 25902 91648 95400 34202
78138 21131 45937 10607 19309 25363 72179
= = 187 187 52 52 00000

12211/10243 kHz, 03-08, 0500/0520 UTC

952 634 634 52 52 = =
20806 62633 40517 00051 05244 78640 56736 97506 51583 91868
61667 71877 50817 18969 22035 49137 69604 52199 68935 08771
00366 03637 87628 76469 43501 10027 10550 32934 70179 40469
24480 93491 39128 74121 27815 38183 65863 40107 98869 97040
67805 36825 61158 20221 33702 72837 56577 87691 90811 96519
62442 38157
= = 634 634 52 52 00000

12211/10243 kHz, 04-08, 0500/0520 UTC

952 817 817 52 52 = =
44384 56915 93097 64909 19800 05070 68843 16460 31400 81037
82165 87733 12392 40670 36410 33948 76288 88619 15267 07670
61533 95204 35833 77907 95752 11420 92412 87832 28071 24275
01965 06788 02937 19657 87156 89293 73883 44894 57947 26725
80672 88219 77648 21354 38249 17316 24390 37441 10963 44125
83937 09068
= = 817 817 52 52 00000

12211 kHz, 07-08, 0500 UTC

952 346 346 52 52 = =
67192 20066 35038 83736 25541 96758 41983 29528 Off after group 8. EEEEEEE at 0507z.

10243 kHz, 07-08, 0520 UTC

952 346 346 52 52 = =
67192 20066 35038 83736 25541 96758 41983 29528 78101 18885
55775 47003 71627 35128 69409 24063 35240 14216 17134 59945
80156 62302 55082 37151 03025 58409 32239 45013 47565 81370
18926 90880 04201 26724 84993 59822 52354 36977 44910 08813
75121 93690 11924 06327 00983 44817 28510 53281 52265 65731
65257 46256 = =
346 346 52 52 00000

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

952 952 718 718 60 60 = =
45509 15752 63065 17374 88775 25878 40791 31995 44491 80683
11869 52241 67956 98928 56411 85194 02176 08596 54147 03587
56291 57817 32823 56584 03261 22000 97572 85359 01457 30576
58425 29381 69878 61821 98140 34367 71667 79177 47577 97838
85612 07517 60752 13203 70325 72781 06808 98311 50782 53443
21053 19430 81917 17218 82275 46552 68955 41470 08517 01005
= = 718 718 60 60 00000

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

952 643 643 54 54 = =
51064 21686 10630 30169 05111 06794 78813 25627 61635 18305
44373 11315 68883 95363 67655 87089 91741 65409 75868 14062
36123 34843 60166 18784 63684 31352 31044 88955 64059 33842
11711 59053 76800 50892 74143 09354 80216 33694 47506 26765
89292 34387 53617 00915 29875 45757 49151 53928 81319 83210
79276 27338 04780 94971
= = 643 643 54 54 00000

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

952 171 171 58 58 = =
24433 05898 48025 46292 68751 26647 18947 93696 54433 21689
44019 51879 26928 79474 46536 17459 45092 48077 10781 06452
37021 83083 65243 89122 68082 56520 71022 50725 38348 12765
45085 26553 51605 82348 73075 84746 23138 89620 91366 55289
18468 15193 43034 28637 40239 99109 37447 72408 05428 95670
68155 39585 80084 15861 68768 66645 63772 18310
= = 171 171 58 58 00000

12211/10243 kHz, 11-08, 0500/0520 UTC

952 830 830 64 64 = =
60230 24378 29674 34628 55201 79303 42048 72243 57063 32831
07243 68322 99615 14484 50485 12063 19153 32268 19499 55541
18323 85731 18537 27602 54306 00596 50309 87289 24748 52168
01776 96527 49878 69704 34715 16714 74266 38915 67012 58938
36638 44808 55617 42496 81196 22049 17095 41390 08887 05027
46706 23508 92037 94816 21971 12167 00823 85223 01635 24705
14969 15095 55986 67809
= = 830 830 64 64 00000

12211/10243 kHz, 14-08, 0500/0520 UTC

952 674 674 57 57 = =
51840 80943 13359 37325 10985 19237 19536 87438 40056 99066
50715 01838 96268 59705 44528 83691 88238 93129 79549 02452
00901 87369 88508 51588 45918 97302 03321 55958 42270 66332
58546 51139 56696 47371 89827 45686 58697 96591 96354 02223
69772 38356 59293 98328 11581 24784 33353 53141 82717 38380
53696 30625 18792 11173 25355 55428 15493
= = 674 674 57 57 00000

12211 kHz, 15-08, 0500 UTC. Inverted morse. Restarts. Correct at 0703z.

10243 kHz, 15-08, 0520 UTC

952 138 138 56 56 = =
62652 17596 90206 78958 57500 80484 53629 69786 24262 97605
56893 79776 69414 33662 60013 66498 43282 27638 69796 98430
35501 38933 14273 45875 23339 57660 37929 75871 40016 15041
97429 49556 55247 54832 62517 45394 85167 51731 51769 56736
73847 87686 57909 37123 13573 22057 42359 91782 96087 16560
03713 38758 11973 00934 49825 88099
= = 138 138 56 56 00000

12211/10243 kHz, 16-08, 0500/0520 UTC

952 407 407 52 52 = =
22654 36655 11541 94765 01859 52157 02745 00795 89771 19136
67578 39001 72773 02866 74277 34911 75243 84014 95003 68456
67418 41670 39730 37125 49908 19670 06622 01639 50803 55914
47360 06330 96330 79358 70855 91415 40969 04364 33759 39354
67982 77107 91243 22470 96296 53722 06471 44040 54665 14867
42181 90015
= = 407 407 52 52 00000

12211/10243 kHz, 17-08, 0503/0524 UTC

952 168 168 53 53 = =
18463 05774 96335 33958 44986 33965 69369 30522 39746 42376
58987 88963 46523 63062 66251 93580 56701 77434 95663 29066
79651 36916 02156 34208 05006 43054 35442 42418 99011 98058
36424 82503 02158 61676 65337 38130 20258 75556 66317 89423
26180 39636 98081 85128 14401 55689 85416 18774 75588 66967
71143 07280 83387
= = 168 168 53 53 00000

12211/10243 kHz, 18-08, 0503/0524 UTC

952 374 374 56 56 = =
18064 44227 80089 31322 05615 85343 38303 64750 80544 78892
00446 46971 46751 73247 27799 56444 31776 57262 95361 96848
72439 82206 70307 33131 13863 50610 24919 99923 70296 14176
94932 37013 21213 47967 19228 31543 41081 93060 21803 71649
86276 84828 21976 41205 87558 09063 83743 10360 21541 53116
40237 01583 59621 44254 54214 35866
= = 374 374 56 56 00000

12211 kHz, 21-08, 0500 UTC. Slow morse. Switched to normal speed at 0518z

952 610 610 52 52 = =
29887 13337 84201 87662 81070 05585 25427 85428 86580 09030
84527 02306 37905 00616 18749 62196 17897 86384 92166 29791
46572 24204 58054 66156 77782 00880 13222 44187 95202 05864
35266 78597 81078 68717 38667 50164 56160 52538 10671 28886
14266 20534 128 pause, switch to normal speed, 61 952 pause
12 pause 610 6 952 0 Off

10243 kHz, 21-08, 0520 UTC

952 610 610 52 52 = =
29887 13337 84201 87662 81070 05585 25427 85428 86580 09030
84527 02306 37905 00616 18749 62196 17897 86384 92166 29791
46572 24204 58054 66156 77782 00880 13222 44187 95202 05864
35266 78597 81078 68717 38667 50164 56160 52538 10671 28886
14266 20534 12898 25761 99912 17925 59602 27863 02452 36363
08540 96408
= = 610 610 52 52 00000

12211/10243 kHz, 22-08, 0500/0520 UTC

952 384 384 51 51 = =
37645 55637 27163 79364 71954 11373 08722 11236 00019 36937
71246 39839 35347 37149 00229 74648 10343 74202 82490 04043
13264 96198 67601 96154 61215 45859 30175 04114 95109 79096
81488 17870 07547 48138 03848 29789 39532 28889 06150 06206
06988 97219 24071 82117 42979 83868 13322 21211 66609 62639
09409
= = 384 384 51 51 (no closing zeros)

12211/10243 kHz, 23-08, 0500/0520 UTC

952 760 760 51 51 = =
69706 22182 66509 36411 44734 92933 54493 28215 66993 39484
58721 82811 87623 82735 84760 08281 23270 62141 85991 27170
39867 48362 95686 80612 91986 33770 48239 78252 91194 67963
25499 73647 01843 30488 89136 69857 87742 57957 84986 84893
58156 67750 30293 31711 86539 45483 19811 92455 00479 88433
11685
= = 760 760 51 51 00000

12211/10243 kHz, 24-08, 0500/0520 UTC

952 148 148 52 52 = =
39729 11775 06118 63860 84982 88986 07726 53836 65520 49951
28846 65441 76137 78790 15752 33346 81664 32038 88100 15775
47906 87104 50208 94625 60981 32875 11788 22943 83461 43788
29115 74455 20778 05992 02525 74839 96307 86348 91203 19415
58594 62325 31198 06950 69140 54682 67590 44275 44191 30174
36766 01373
= = 148 148 52 52 00000

12211/10243 kHz, 25-08, 0500/0520 UTC

952 759 759 61 61 = =
57063 99537 49806 03745 76952 38338 35794 69675 66950 91903
30784 26813 95508 08719 83323 23534 07711 05199 05445 44772
27126 68684 56394 74437 86656 05465 51469 83324 86834 25993
56882 47198 04999 84509 56601 24743 03779 15239 02100 50059
12346 32362 80954 19400 78839 85941 65225 76838 17442 90989
25565 28537 98498 71877 21981 40331 55161 89251 07200 98289
04957
759 759 61 61 00000

12211/10243 kHz, 28-08, 0500/0520 UTC

952 418 418 50 50 = =
43152 67964 32130 67776 16510 19744 94014 82258 64890 94916
03323 31491 01754 18963 53364 86489 79516 15665 46506 51451
55953 32846 91678 95020 69284 11588 19160 67986 45399 16078
98592 37086 85641 66293 71151 89618 08602 40707 31815 88533
44348 41199 22669 82712 04538 37360 23183 02097 76845 32378
= = 418 418 50 50 00000

12211/10243 kHz, 29-08, 0500/0520 UTC

952 376 376 54 54 = =
15162 04060 64305 19434 65184 72540 67596 85535 70015 98690
60171 16834 64993 47945 87941 11498 59103 30929 07517 45048
67222 83429 79837 07212 38165 25373 58810 13885 58217 97245
67157 55120 34845 97394 76659 65093 90271 68637 34983 24977
19494 07636 06272 34665 93150 95455 17698 14277 07811 72752
29162 21391 16868 08031
= = 376 376 54 54 00000

12211/10243 kHz, 30-08, 0500/0520 UTC

952 841 841 53 53 = =
58942 34012 04695 76402 59553 89015 83116 03784 64131 06816
29371 34908 86874 95482 44237 50790 93472 61566 25967 45203
40359 00103 89076 62389 82030 24959 84804 43080 19870 06689
59156 58494 90904 10101 09494 37019 19955 48722 25593 13250
83589 98338 26112 54084 59339 36813 26406 41553 58598 02351
98632 17076 68413
= = 841 841 53 53 00000

Exercises / test transmissions

11073 kHz, 19-08, 1245 UTC

352 867 867 42 42 = =
92227 74925 51077 14324 13817 06717 69006 97568 91697 72651
22656 92217 29668 49709 61830 46881 43705 57392 57164 55326
80656 94952 04996 74616 77657 82232 50314 33570 73216 58804
01200 98748 05878 21094 33221 90150 61446 02187 07197 63793
54659 23998
= = 867 867 42 42 00000

9463 kHz, 19-03, 1530 UTC

801 152 152 60 60 = =
01807 02757 94189 46025 09832 33382 05573 23045 39483 24625
77789 69496 25441 57181 25810 92729 41926 64540 03976 73894
16932 72875 49177 02606 99282 05087 44843 15603 45711 84949
85408 37866 20143 02291 45959 49594 22383 25142 86747 27511
88369 69802 47253 33922 29214 64747 09476 51961 01186 69325
35171 90466 23845 33172 06681 06927 88510 07295 26074 21924
= = 152 152 60 60 00000

12211 kHz, 31-08, 0500 UTC. Off after group 31

10243 kHz, 31-08, 0520 UTC

952 473 473 59 59 = =
09145 10330 70018 82715 69639 07315 65288 99749 03055 39735
74711 86495 50068 16911 49547 97565 50321 44934 34695 04596
72711 96883 13484 88964 22735 68282 78742 65855 06568 16255
22314 00615 56570 05806 60222 03319 47912 11676 35670 12513
60986 49189 67053 04041 69322 32551 33185 85910 57670 84019
12916 65108 99947 42400 21330 97494 51739 44281 09716
= = 473 473 59 59 00000

10755 kHz, 31-08, 1640 UTC. Two series of fast beeps

10755 kHz, 31-08, 1650 UTC

975 (R) 283 283 60 60 = =
54837 41188 10406 85734 43164 431
975 (R) 283 283 60 60 = =
54837 41188 10406 85734 43164 32215 01868 71458 47756 04483
56898 50906 45652 93247 77140 34115 71194 66006 53962 22334
27675 99444 46943 69200 36960 46328 12066 90446 31794 15764
96805 08087 20467 15292 44295 40010 78531 28215 73766 70922
47258 24633 29442 65567 43518 29599 15079 10184 10778 96843
56337 93107 65893 61504 58173 60484 21395 70292 49437 08006
= = 283 283 60 60 00000

M23

5345 kHz, 01-08/31-08, hh00 MY (1x)
5345 kHz, 01-08/31-08, hh15 MY (1x)
5345 kHz, 01-08/31-08, hh30 MY (1x)
5345 kHz, 01-08/31-08, hh45 MY (1x)
5345 kHz, 01-08/31-08, 0157 UTC ST3 (R20m)
5345 kHz, 01-08/31-08, 0257 UTC Time beep
5345 kHz, 01-08/31-08, 0357 UTC Time beep
5345 kHz, 01-08/31-08, 0457 UTC Time beep
10381 kHz, 01-08/31-08, 0557 UTC ST3 (R20m)
20456 kHz, 01-08/31-08, 0957 UTC ST3 (R20m)
11530 kHz, 01-08/31-08, 1357 UTC OSS (R20m)
6937 kHz, 01-08/31-08, 1757 UTC S1S (R15m)
4822 kHz, 01-08/31-08, 1957 UTC S1S (R15m)

MY is sent 24/7 on 5345 kHz at hh00, hh15, hh30, hh45 but their clock is running too fast.
On August 26th at 0456z the time difference was 11 minutes. See below.

5345 kHz, 26-08, 0256 UTC. Time beep
5345 kHz, 26-08, 0356 UTC. Time beep. MY and the time beep were seconds apart at 0256 and 0356z
5345 kHz, 26-08, 0456 UTC. Time beep and MY at the same time. They really need to reset the time again.

M51a / M51b

M51b: 3881//6825 kHz, 12-08, 0608 UTC

Non-stop 5 character groups composed of M51a messages

MVNDJ SKAOI DJSOW JFEIS LPOID NCZMA XZAIU DWEAS XMCNS 96314
GATSW ./.=, AQPDL CXMZK DIWFY XZNDH WIUYF VBFNS DJUWI LODWI
25983 HDWYU .,?VA' HFHWU SHAJU BVBMX KSSUW AQLKD XNCGD WZAKS
JVMBN 62843 BDHWU .,VAAS BCSGA XZAND BCYUW KFLEO DJFNC SQIWU
CNMXA KXJCV 32691 HDJSO ./?.VA DCGFJ SXCDA CBSHW MCNVU LSOWU
CNSXB MCDJE FKEIW 39648 HCSIO ..?AS/ BXSJA ZMXNC VYBDH SKDJW
'/?.' JCSIW 20178 MVKOL SUWDF XZJAS BCNSU NCJSK AQISJ NCDHW
KZQHG 02301 BXAUD .,?+/ ZAMCK DSIJC BCCNS ZXIQE

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

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

VXBSG ZTQFA KLQMP AIKDG ETSFZ WCQHA 26718 NDGET SCWVD 35427
KLQHR BXHRT ZUSHQ WXXCD AEZYU JKOLP QMATY BCHDF XHSUJ ETSFZ
IKOLE SGAUE XVSGQ WNDXC DFEJQ LAMPW 36278 BXHDU ZJWNQ KLAUH
IORTD CGDUE SHQJZ WBSJE DHAIJ DGSKL NWJHG FVXCD FUYTI HDNXV
IKDGR FHBCV DFDFO ETSGD XHSFE ZYSUA JNWHD SJHUI TGFHE KHFT
GHFGC VBGHY JWKSL QMLAO LUJHG VNJKL XNDHT JKILD XCSVZ KLHGF
56473 CGETF XBDGE XGSTE ZHUAI QKAI0 46378 45381 SUJAU OLETD
QML0A 26480 JDGTE XVSFZ QHAJF VNDKI RUHFG CBXHD ZUJSL IKLOJ
KQUET FKCBF DHGXV CNFGC DTFGR SHJAK WLKQO MAPKI NBHTG

FVXGQ AHWJQ AJKQL AMPOU HNXJD SHWBD RTSUA JQIKD XHSIR ZUQYH
CWVQH AJNWK QLAKU 45723 ZUJGD XVWHQ 65107 DGS HA BWNDG OLAUH
BCHDF XVWHS QHUYR DGXHS MBQHZ AJKQI BWHDR 54738 UJGBV XGDRE
IGQHA WHNQJ AIKOQ LPAUH GDVXR DFCXH WBSHQ JAYHF OLHNG CBXHR
46538 19053 SHBXJ QNWJR ZYHSU AKQLA OLPQJ IKHGT VCBHD JSKQL
EUJHL QMLQK NWHDF SGQHZ AUJGD SKQLA NJFGR TSYQH WBCHD ZUAHD
45376 ZUHSK QNVHF BTDFS WCQUA IKJKL AMPNH VXHDR QGWHE ZYGSF
WCGQB UJQKI 35271 BWJNG CBXHR GBXCP QHAYT 35271 GBWHQ JKALP
MWBXH DGVXH ZYHSU QJNAW AUJGT AJGVB 67013 47282 HBXVC WNQJK
ALMPQ JHYTG DFSVX WNHQU AJKMQ

GFDTE XVWBQ ABNHU EQLQP AMLIK WNQHZ SJQHS DGRTC XVQJA JUHKD
VCGFY RHQJA KWLQO ZTDFS 35271 WNDGR JQKIL PMAIU 67349 NWJDO
YHDTX XVSFE ZHJJA KJQUH NWJFG HRTYU SKLOI MQPAZ BHPAK UJDGC
45270 37658 XVCBD WNQHA JKQLA MPLIK JNDGR VXGQJ HDKRT UJFHV
BCNXH WJQKZ KALMP OIRTD FHCXV 01878 DHNCJ SKRTZ SJWNQ HNGTR
XCWVS QNBHA JQKAL MQLKO PAOQL NCHFG RTDFX WBQJH GBDJX

JKQNH VXBBD EYSUA WBDHR QKALY VCGRY WNDHR QKNWJ AJAOK UJAOK
QMAUJ YHDGT WVQHA ZUSHL AIKDH 35281 BXNDH QMAJK NBCGD XHETS
QJSGZ UJGHC ETSCX WBCGZ AUJSK QKLWP 53829 NXBDJ SWBQK LAPMH
NCJDU YHDIK 16738 NXDHZ UJQHW 1764/ NCJDU HQKAZ BXGDJ QKALI
HNQGB IKJNH XVSHZ QBWNA YTDGS WBQJU AKHDK LQMAP NBXHD YHSJZ
53803 YHDGX //ZSP JNCGD XHNSJ AUJQL ZUYRT 37264 HBXND KAYSL
QMAPO CDHJL WNQFG DFXVU ZJSKA SKWNV CHDUT YHSLK 37208 BXNVJ
SKALG TGDJH WBQIL AMPKH BCNDH SJAUG BXVQH ZUJAL HNDJT YHSLA
BWNSJ YHDKZ 28563 BXNDH SKAJY HSQKA UJDMP GBCJD XJSUH NWER

etc.

M51a: 3881//6825 kHz, 12-08, 0700 UTC

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

SAMEDI 2/LEÇON NUMÉRO 1/1 VITESSE 420 CODÉ =
FSIIF VNFJD BCTWL CBXND QIWUD CNCZZ MNHLP YVBFS QEAXC 32569
VCSGW ,.VA' / QRXVC VMFKE PTOIY MJFSD AQEZC VNFMG LGKHI POUYI
87965 NCJKW .?AS', NMGKT LHPTO YHJJD RFNAR CBDVJ ZXSDW QAWOY
OPIYU 45698 BCSHW .?,+' LGOTM VCGFB ZCSFW BGHUT LHKYP ERTWY
QIUOF MVNFH 02368 BCSMW ?.ASVA, MBNCX VFGER POQAS XCFDE JGHNF
LKWUE VBCND MLFKG 54796 BSHWL ='/.? ASQEX VMDSW EWGDD LBKGI
'.,?. NCDJE 25893 HDJEE LHKTP ZCXAQ BFGEE SHQUK KDLCX ASDWG
VBNFK 26318 BSHWK 36980 KHJCM LGDHJ CBETJ AQWOT +

SAMEDI 2/LEÇON NUMÉRO 2/1 VITESSE 420 CLAIR =
AUJOURD'HUI, CES VALEURS, CETTE TRADITION, CETTE COHÉSION EXEMPLAIRE MAIS AUSSI CETTE INTÉGRATION RÉUSSIE FONT
PARTIE DE LA RICHESSE NATIONALE. NOTRE JEUNESSE EST UN ATOUT POUR NOTRE PAYS ET POUR L'EUROPE ET JE SAIS COMBIEN
NOS ARMÉES SAVENT DÉVELOPPER LEURS ÉNERGIES ET LEURS TALENTS. LA FRANCE AURA PLUS QUE JAMAIS BESOIN DEMAIN, DANS
UN MONDE INSTABLE, D'ARMÉES DE TRÈS HAUT NIVEAU. J'ASSUMERAI PLEINEMENT LES RESPONSABILITÉS QUI SONT LES MIENNES
POUR DÉFINIR, SOUS LA DIRECTION DU PRÉSIDENT DE LA RÉPUBLIQUE ET DU PREMIER MINISTRE, L'AVENIR DE NOTRE SYSTÈME DE
DÉFENSE ET LES REFORMES QUI SONT NÉCESSAIRES À NOTRE PAYS ET À NOS ARMÉES AINSI QU'À LA VALORISATION DE NOS
INDUSTRIES +

CQ DE FAV22 VA

M51a: 3881//6825 kHz, 12-08, 0820 UTC

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

SAMEDI 2/LEÇON NUMÉRO 1/2 VITESSE 600 CODÉ =
DJKJF ERYRI VPLTO BCVDS ZXASQ MVLGK OYPUI GFHDJ CSRED 16580
BCJWI .,?AS= LMPQY CXRAE XVDRE NBFHG AWQES BCZXR BNFIR PGLRO
.?.,' BCHDE 42369 LAPQI WNSYV VCSDW AQLFP RHFUS BCVDW NKGIR
BCXWY 54783 CBHQA VA'/. , YHHBY CXDWE VNYEA AWQEV XVSFW MBFUR
AWQLG RYUSN 14790 XMLPO ,.AS?VA AJAUW XCSAR LDOEJ GMNRY XBSTW
DSEWX VNFJE LEPWM 65874 VZQJA +/VA., ASZXW CHYDE KFOLG VCRWT
CXARQ MIFYRU NFNFY AEQDS 12680 GBDHE /.'.? VSWFG XASZW HDJWU
LFPRO CXWRG LSHDF VXRAU CLNOP 54103 BCUEL ,.?' / BCEUF LGPTO

VZAXW +

SAMEDI 2/LEÇON NUMÉRO 2/2 VITESSE 600 CLAIR =
LE PRIX DU GRAND JURY REVIENT À DANIEL GRENON POUR "HARKIS SOLDATS ABANDONNÉS". CE LIVRE RASSEMBLE DES
TÉMOIGNAGES DE CES SOLDATS ET AUSSI D'OFFICIERS, "HOMMES D'HONNEUR", 50 ANS APRÈS LES ACCORDS D'ÉVIAN. PRÉFACÉ PAR
LE ROMANCIER ET DOCUMENTARISTE PIERRE SCHCENDÆRFFER, "HARKIS, SOLDATS ABANDONNÉS" DONNE LA PAROLE À SIX HARKIS
ET QUATRE "HOMMES D'HONNEUR". 50 ANS APRÈS LA GUERRE D'ALGÉRIE, DANS CES TÉMOIGNAGES INÉDITS, ILS REVIENNENT SUR
LEUR PASSÉ, OÙ HISTOIRE PERSONNELLE ET HISTOIRE SE SONT MÊLÉS. +

CQ DE FAV22 VA

M95 - Chinese Military

See also the Q26 column

8073 kHz, 11-08, 1132 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

8073 kHz, 11-08, 1137 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)

HR MSG GA PSE CY NR 0609 CK 213 35 0811 1604 =

TAA 3U6 3AN 3U7 TAU 773 TA7 773 TAD 773 354

374 4AA NN3 445 ...

6378//7045 kHz, 28-08, 2231 UTC

V BSA5 (x3) DE TP4C (x2)

MSG NR 4143/MZ 0630 RMKS 0666 TO 0616 0366 0136 =

1001 2273 2229 2228 2228 2897 2828 2828 2085 2273 8674 2989 1837 2273 2286 2221 AR

MSG NR 4143/MZ 0630 RMKS 0666 TO 0616 0366 0136 = (Repeats msg)

AR

UM04 - PROMRCh

**4735 kHz, 01-08, 0700-0730
UTC.**

Nothing heard.

4735 kHz, 02-08, 0700 UTC

VVV PROMRCh = 02 08 =

1000 0790 0820 0910 1330

1200 0820 0840 0940 1380

1400 0820 0850 0950 1360

1600 0810 0830 0930 1260

1800 0770 0800 0890 1210

2000 0840 0870 0950 1270

2200 0810 0830 0920 1200

0000 0760 0780 0850 1090

0200 0700 0710 0770 0990

0400 0600 0620 0680 0880

0600 0630 0650 0730 0990

0800 0740 0770 0880 1210

= ABV

VVV PROMRCh = 02 08 =

1000 0790 0820 0910 1330

1200 0820 0840 0940 1380

1400 0820 0850 0950 1360

1600 0810 0830 0930 1260

1800 0770 0800 0890 1210

2000 0840 0870 0950 1270

2200 0810 0830 0920 1200

0000 0760 0780 0850 1090

0200 0700 0710 0770 0990

0400 0600 0620 0680 0880

0600 0630 0650 0730 0990

0800 0740 0770 0880 1210

= AR

4735 kHz, 03-08, 0700 UTC

VVV VVV PROMRCh = 03 08 =

1000 0790 0810 0920 1330

1200 0820 0850 0940 1380

1400 0830 0850 0950 1360

1600 0810 0830 0940 1260

1800 0770 0800 0890 1220

2000 0840 0870 0960 1280

2200 0810 0830 0910 1200

0000 0760 0780 0850 1090

0200 0690 0710 0770 0980

0400 0600 0620 0670 0880

0600 0620 0650 0730 0990

0800 0750 0770 0880 1220

= ABV

VVV VVV PROMRCh = 03 08 =

1000 0790 0810 0920 1330

1200 0820 0850 0940 1380

1400 0830 0850 0950 1360

1600 0810 0830 0940 1260

1800 0770 0800 0890 1220

2000 0840 0870 0960 1280

2200 0810 0830 0910 1200

0000 0760 0780 0850 1090

0200 0690 0710 0770 0980

0400 0600 0620 0670 0880

0600 0620 0650 0730 0990

0800 0750 0770 0880 1220

= AR

4735 kHz, 04-08, 0700 UTC

VVVVV PROMRCh = 0408 =

1000 0790 0820 0910 1320

1200 0820 0840 0940 1380

1400 0830 0850 0950 1360

1600 0810 0840 0940 1270

1800 0770 0800 0900 1220

2000 0840 0870 0960 1280

2200 0800 0820 0910 1190

0000 0750 0770 0840 1080

0200 0690 0710 0760 0980

0400 0600 0620 0680 0880

0600 0620 0640 0730 0990

0800 0740 0740 0880 1210

= ABV

VVVVV PROMRCh = 0408 =

1000 0790 0820 0910 1320

1200 0820 0840 0940 1380

1400 0830 0850 0950 1360

1600 0810 0840 0940 1270

1800 0770 0800 0900 1220

2000 0840 0870 0960 1280

2200 0800 0820 0910 1190

0000 0750 0770 0840 1080

0200 0690 0710 0760 0980

0400 0600 0620 0680 0880

0600 0620 0640 0730 0990

0800 0740 0740 0880 1210

= AR

4735 kHz, 05-08, 0700 UTC.

Too weak to copy

4735 kHz, 06-08, 0702 UTC. Late start

VVVV PRG (11sec silence) EEEEEEE =
 VVVVV PROMRCh = 06 08 =
 1000 0790 0820 0920 R EEEEEEE =
 1000 0790 0820 0N E (21sec silence) G (17sec silence) = (32sec silence)
 VVVVH V Ch (11sec silence) test tone (2m45s silence) 9 (13sec silence)
 VVVVV PROMRCh = 06 08 =
 1000 0790 0820 0920 1320
 1200 0820 0840 0940 1370
 1400 0830 0860 0950 1360
 1600 0820 0840 0940 1270
 1800 0780 0810 0910 1230
 2000 0850 0870 0970 1290
 2200 0800 0820 0900 1180
 0000 0740 0760 0830 1070
 0200 0680 0690 0750 0970
 0400 0590 0610 0 70 0870
 0600 0610 0630 0720 0980
 0800 0750 0780 0890 1230 = ABV =
 VVVVV PROMRCh = 06 08 =
 1000 0790 0820 0920 1320
 1200 0820 0840 0940 1370
 1400 0830 0860 0950 1360
 1600 0820 0840 0940 1270
 1800 0780 0810 0910 1230
 2000 0850 0870 0970 1290
 2200 0800 0820 0900 1180
 0000 0740 0760 0830 1070
 0200 0680 0690 0750 0970
 0400 0590 0610 0 70 0870
 0600 0610 0630 0720 0980
 0800 0750 0780 0890 1230 = AR

4735 kHz, 07-08, 0700 UTC

VVV VVV PROMRCh = 07 08 =
 1000 0790 0820 0920 1320
 1200 0810 0840 0930 1370
 1400 0820 0850 0950 1350
 1600 0820 0840 0950 1280
 1800 0780 0810 0910 1240
 2000 0850 0870 0970 1290
 2200 0790 0810 0890 1180
 0000 0730 0750 0920 1050
 0200 0670 0680 0750 0950
 0400 0580 0600 0660 0860
 0600 0610 0630 0710 0980
 0800 0750 0780 0890 1230
 = ABV
 VVV VVV PROMRCh = 07 08 =
 1000 0790 0820 0920 1320
 1200 0810 0840 0930 1370
 1400 0820 0850 0950 1350
 1600 0820 0840 0950 1280
 1800 0780 0810 0910 1240
 2000 0850 0870 0970 1290
 2200 0790 0810 0890 1180
 0000 0730 0750 0920 1050
 0200 0670 0680 0750 0950
 0400 0580 0600 0660 0860
 0600 0610 0630 0710 0980
 0800 0750 0780 0890 1230
 = AR

4735 kHz 08-08, 0700 UTC

VVVVV PROMRCh = 0 8 0 8 =
 1000 0800 0820 0930 1320
 1200 0810 0840 0940 1370
 1400 0830 0850 0950 1350
 1600 0820 0850 0950 1280
 1800 0780 0810 0910 1250
 2000 0850 0880 0970 1300
 2200 0780 0800 0890 1170
 0000 0730 0750 0810 1050
 0200 0670 0680 0740 0950
 0400 0580 0600 0650 0850
 0600 0610 0630 0720 0980
 0800 0760 0790 0900 1240
 = ABV =
 VVVVV PROMRCh = 0 8 0 8 =
 1000 0800 0820 0930 1320
 1200 0810 0840 0940 1370
 1400 0830 0850 0950 1350
 1600 0820 0850 0950 1280
 1800 0780 0810 0910 1250
 2000 0850 0880 0970 1300
 2200 0780 0800 0890 1170
 0000 0730 0750 0810 1050
 0200 0670 0680 0740 0950
 0400 0580 0600 0650 0850
 0600 0610 0630 0720 0980
 0800 0760 0790 0900 1240
 = AR

4735 kHz, 09-08, 0700 UTC

VVVVV PROMRCh = 0908 =
 1000 0790 0820 0930 1310
 1200 0810 0830 0930 1360
 1410 0830 0850 0950 1350
 1600 0820 0820 0950 1290
 1800 0790 0880 0920 1260
 2000 0850 0800 0970 1300
 2200 0780 0900 0880 1270
 0000 0730 0740 0870 1040
 0200 0660 0680 0740 0940
 0400 0590 0650 0850 0600
 0600 0610 0630 0710 0980
 0800 0750 0780 0890 1240
 = ABV
 VVVVV PROMRCh = 0908 =
 1000 0790 0820 0930 1310
 1200 0810 0830 0930 1360
 1410 0830 0850 0950 1350
 1600 0820 0820 0950 1290
 1800 0790 0880 0920 1260
 2000 0850 0800 0970 1300
 2200 0780 0900 0880 1270
 0000 0730 0740 0870 1040
 0200 0660 0680 0740 0940
 0400 0590 0650 0850 0600
 0600 0610 0630 0710 0980
 0800 0750 0780 0890 1240
 = AR

4735 kHz, 10-08, 0700 UTC

VVVVV PROMRCh = 10 08 =
 1000 0790 0810 0920 1310
 1200 0800 0830 0930 1360
 1400 0820 0850 0950 1350
 1600 0820 0850 0950 1290
 1800 0790 0820 0930 1260
 2000 0850 0880 0980 1310
 2200 0770 0790 0880 1160
 2400 0720 0740 0810 1040
 0200 0660 0670 0730 0930
 0400 0570 0590 0650 0840
 0600 0600 0620 0710 0960
 0800 0740 0770 0890 1230
 = ABV =
 VVVVV PROMRCh = 10 08 =
 1000 0790 0810 0920 1310
 1200 0800 0830 0930 1360
 1400 0820 0850 0950 1350
 1600 0820 0850 0950 1290
 1800 0790 0820 0930 1260
 2000 0850 0880 0980 1310
 2200 0770 0790 0880 1160
 2400 0720 0740 0810 1040
 0200 0660 0670 0730 0930
 0400 0570 0590 0650 0840
 0600 0600 0620 0710 0960
 0800 0740 0770 0890 1230
 = AR

4735 kHz, 11-08, 0703 UTC

VVV VVV PROMRCh = 11 08 =
 1000 0790 0810 0920 1310
 1200 0800 0830 0930 1360
 1400 0820 0850 0950 1350
 1600 0820 0850 0950 1290
 1800 0790 0820 0930 1270
 2000 0860 0890 0980 1310
 2200 0770 0800 0880 1160
 0000 0710 0730 0790 1030
 0200 0650 0660 0720 0930
 0400 0570 0580 0640 0840
 0600 0590 0620 0700 0960
 0800 0740 0770 0880 1230
 = ABV
 VVV VVV PROMRCh = 11 08 =
 1000 0790 0810 0920 1310
 1200 0800 0830 0930 1360
 1400 0820 0850 0950 1350
 1600 0820 0850 0950 1290
 1800 0790 0820 0930 1270
 2000 0860 0890 0980 1310
 2200 0770 0800 0880 1160
 0000 0710 0730 0790 1030
 0200 0650 0660 0720 0930
 0400 0570 0580 0640 0840
 0600 0590 0620 0700 0960
 0800 0740 0770 0880 1230
 = AR

4735 kHz, 12-08, 0700 UTC

VVV VVV PROMRCh = 12 08 =
1000 0790 0820 0930 1310
1200 0810 0840 0940 1350
1400 0830 0850 0950 1340
1600 0820 0850 0950 1300
1800 0800 0830 0940 1280
2000 0860 0890 0990 1320
2200 0770 0790 0870 1150
0000 0710 0730 0790 1020
0200 0640 0660 0720 0920
0400 0560 0580 0640 0830
0600 0590 0610 0690 0960
0800 0750 0770 0890 1240
= ABV

VVV VVV PROMRCh = 12 08 =
1000 0790 0820 0930 1310
1200 0810 0840 0940 1350
1400 0830 0850 0950 1340
1600 0820 0850 0950 1300
1800 0800 0830 0940 1280
2000 0860 0890 0990 1320
2200 0770 0790 0870 1150
0000 0710 0730 0790 1020
0200 0640 0660 0720 0920
0400 0560 0580 0640 0830
0600 0590 0610 0690 0960
0800 0750 0770 0890 1240
= AR

4735 kHz, 16-08, 0700 UTC

VVV VVV PROMRCh = 16 08 =
1000 0800 0830 0940 1300
1200 0810 0840 0940 1350
1400 0830 0860 0970 1340
1600 0830 0860 0970 1320
1800 0810 0840 0950 1310
2000 0880 0910 1010 1360
2200 0770 0780 0870 1140
0000 0680 0700 0760 0990
0200 0620 0640 0690 0890
0400 0560 0570 0630 0820
0600 0580 0600 0680 0950
0800 0750 0790 0900 1260
= ABV =

VVV VVV PROMRCh = 16 08 =
1000 0800 0830 0940 1300
1200 0810 0840 0940 1350
1400 0830 0860 0970 1340
1600 0830 0860 0970 1320
1800 0810 0840 0950 1310
2000 0880 0910 1010 1360
2200 0770 0780 0870 1140
0000 0680 0700 0760 0990
0200 0620 0640 0690 0890
0400 0560 0570 0630 0820
0600 0580 0600 0680 0950
0800 0750 0790 0900 1260
= AR

4735 kHz, 13-08, 0700 UTC

VVVVV PROMRCh = 1308 =
1000 0790 0820 0930 1310
1200 0800 0830 0930 1350
1400 0820 0850 0950 1340
1600 0820 0850 0950 1300
1800 0800 0830 0930 1270
2000 0860 0890 0990 1330
2200 0760 0780 0870 1150
0000 0700 0720 0780 1010
0200 0640 0660 0710 0910
0400 0560 0580 0630 0830
0600 0580 0810 0690 0950
0800 0740 0770 0890 1240
= ABV

VVVVV PROMRCh = 1308 =
1000 0790 0820 0930 1310
1200 0800 0830 0930 1350
1400 0820 0850 0950 1340
1600 0820 0850 0950 1300
1800 0800 0830 0930 1270
2000 0860 0890 0990 1330
2200 0760 0780 0870 1150
0000 0700 0720 0780 1010
0200 0640 0660 0710 0910
0400 0560 0580 0630 0830
0600 0580 0810 0690 0950
0800 0740 0770 0890 1240
= AR

4735 kHz, 17-08, 0700 UTC

VVVVV PROMRCh = 17 08 =
1000 0810 0840 0950 1310
1200 0820 0850 0950 1340
1400 0840 0870 0970 1330
1600 0840 0870 0980 1330
1800 0820 0850 0960 1320
2000 0890 0920 1020 1370
2200 0770 0790 0860 1140
2400 0680 0700 0760 0990
0200 0620 0640 0690 0890
0400 0560 0570 0630 0820
0600 0570 0600 0680 0940
0800 0760 0790 0910 1270
= ABV =

VVVVV PROMRCh = 17 08 =
1000 0810 0840 0950 1310
1200 0820 0850 0950 1340
1400 0840 0870 0970 1330
1600 0840 0870 0980 1330
1800 0820 0850 0960 1320
2000 0890 0920 1020 1370
2200 0770 0790 0860 1140
2400 0680 0700 0760 0990
0200 0620 0640 0690 0890
0400 0560 0570 0630 0820
0600 0570 0600 0680 0940
0800 0760 0790 0910 1270
= AR

4735 kHz, 14-08, 0701 UTC

VVVVV PROMRCh = 14 08 =
1000 0790 0830 0940 1310
1200 0810 0830 0940 1350
1400 0830 0850 0960 1340
1600 0820 0850 0960 1310
1800 0800 0830 0940 1290
2000 0870 0900 1000 1340
2200 0760 0780 0870 0140
2400 0690 0710 0770 1000
0200 0630 0640 0700 0900
0400 0560 0570 0630 0820
0600 0580 0600 0690 0950
0800 0750 0780 0900 1250
= ABV =

VVVVV PROMRCh = 14 08 =
1000 0790 0830 0940 1310
1200 0810 0830 0940 1350
1400 0830 0850 0960 1340
1600 0820 0850 0960 1310
1800 0800 0830 0940 1290
2000 0870 0900 1000 1340
2200 0760 0780 0870 0140
2400 0690 0710 0770 1000
0200 0630 0640 0700 0900
0400 0560 0570 0630 0820
0600 0580 0600 0690 0950
0800 0750 0780 0900 1250
= AR

4735 kHz, 18-08, 0703 UTC

VVV VVV PROMRCh = 18 08 =
1000 0810 0840 0950 1310
1200 0820 0840 0950 1340
1400 0840 0870 0970 1330
1600 0840 0870 0980 1330
1800 0820 0850 0970 1330
2000 0890 0920 1030 1380
2200 0770 0790 0870 1130
0000 0690 0700 0770 0990
0200 0620 0640 0690 0890
0400 0560 0580 0630 0830
0600 0570 0600 0680 0940
0800 0750 0790 0900 1260
= ABV

VVV VVV PROMRCh = 18 08 =
1000 0810 0840 0950 1310
1200 0820 0840 0950 1340
1400 0840 0870 0970 1330
1600 0840 0870 0980 1330
1800 0820 0850 0970 1330
2000 0890 0920 1030 1380
2200 0770 0790 0870 1130
0000 0690 0700 0770 0990
0200 0620 0640 0690 0890
0400 0560 0580 0630 0830
0600 0570 0600 0680 0940
0800 0750 0790 0900 1260
= AR

4735 kHz, 15-08, 0705 UTC

VVV VVV PROMRCh = 15 08 =
1000 0800 0830 0940 1300
1200 0810 0830 0940 1350
1400 0830 0860 0960 1340
1600 0830 0850 0960 1310
1800 0800 0830 0940 1290
2000 0870 0900 1000 1340
2200 0760 0780 0860 1140
0000 0690 0700 0770 0990
0200 0630 0640 0700 0900
0400 0560 0570 0630 0820
0600 0580 0600 0680 0940
0800 0750 0780 0900 1250
= ABV

VVV VVV PROMRCh = 15 08 =
1000 0800 0830 0940 1300
1200 0810 0830 0940 1350
1400 0830 0860 0960 1340
1600 0830 0850 0960 1310
1800 0800 0830 0940 1290
2000 0870 0900 1000 1340
2200 0760 0780 0860 1140
0000 0690 0700 0770 0990
0200 0630 0640 0700 0900
0400 0560 0570 0630 0820
0600 0580 0600 0680 0940
0800 0750 0780 0900 1250
= AR

4735 kHz, 19-08, 0700 UTC

VVV VVV PROMRCh = 19 08 =
1000 0820 0840 0950 1310
1200 0820 0850 0950 1340
1400 0850 0870 0980 1330
1600 0850 0880 0990 1340
1800 0830 0860 0970 1330
2000 0900 0930 1040 1380
2200 0770 0790 0870 1140
0000 0680 0700 0760 0980
0200 0620 0640 0690 0890
0400 0560 0580 0630 0820
0600 0570 0600 0680 0940
0800 0750 0790 0900 1260
= ABV

VVV VVV PROMRCh = 19 08 =
1000 0820 0840 0950 1310
1200 0820 0850 0950 1340
1400 0850 0870 0980 1330
1600 0850 0880 0990 1340
1800 0830 0860 0970 1330
2000 0900 0930 1040 1380
2200 0770 0790 0870 1140
0000 0680 0700 0760 0980
0200 0620 0640 0690 0890
0400 0560 0580 0630 0820
0600 0570 0600 0680 0940
0800 0750 0790 0900 1260
= AR

4735 kHz, 28-08, 0700 UTC

VVV VVV PROMRCh = 28 08 =
 1000 0830 0870 0980 1350
 1200 0860 0890 0990 1330
 1400 0890 0920 1020 1370
 1600 0870 0900 1010 1370
 1800 0850 0890 1000 1380
 2000 0940 0970 1080 1440
 2200 0790 0810 0890 1140
 0000 0670 0680 0740 0960
 0200 0620 0640 0690 0890
 0400 0580 0600 0650 0840
 0600 0560 0580 0670 0920
 0800 0760 0800 0910 1280
 = ABV

VVV VVV PROMRCh = 28 08 =
 1000 0830 0870 0980 1350
 1200 0860 0890 0990 1330
 1400 0890 0920 1020 1370
 1600 0870 0900 1010 1370
 1800 0850 0890 1000 1380
 2000 0940 0970 1080 1440
 2200 0790 0810 0890 1140
 0000 0670 0680 0740 0960
 0200 0620 0640 0690 0890
 0400 0580 0600 0650 0840
 0600 0560 0580 0670 0920
 0800 0760 0800 0910 1280
 = AR

4735 kHz, 29-08, 0659 UTC

VVV VVV PROMRCh = 29 08 =
 1000 0840 0870 0980 1350
 1200 0860 0890 0990 1330
 1400 0900 0920 1030 1380
 1600 0880 0910 1020 1370
 1800 0860 0890 1000 1380
 2000 0790 0970 1080 1450
 2200 0790 0810 0890 1150
 0000 0670 0680 0740 0960
 0200 0620 0640 0690 0880
 0400 0580 0600 0650 0840
 0600 0560 0580 0670 0920
 0800 0760 0800 0910 1280
 = ABV

VVV VVV PROMRCh = 29 08 =
 1000 0840 0870 0980 1350
 1200 0860 0890 0990 1330
 1400 0900 0920 1030 1380
 1600 0880 0910 1020 1370
 1800 0860 0890 1000 1380
 2000 0790 0970 1080 1450
 2200 0790 0810 0890 1150
 0000 0670 0680 0740 0960
 0200 0620 0640 0690 0880
 0400 0580 0600 0650 0840
 0600 0560 0580 0670 0920
 0800 0760 0800 0910 1280
 = AR

4735 kHz, 30-08, 0700 UTC

VVVVV PROMRCh = 3008 =
 1000 0840 0870 0980 1340
 1200 0860 0890 0990 1340
 1400 0890 0920 1030 1380
 1600 0880 0900 1010 1370
 1800 0860 0890 1000 1380
 2000 0940 0970 1080 1440
 2200 0790 0810 0880 1150
 0000 0660 0680 0740 0950
 0200 0620 0640 0690 0880
 0400 0580 0600 0650 0840
 0600 0560 0980 0660 0920
 0800 0760 7790 0910 1280
 = ABV

VVVVV PROMRCh = 3008 =
 1000 0840 0870 0980 1340
 1200 0860 0890 0990 1340
 1400 0890 0920 1030 1380
 1600 0880 0900 1010 1370
 1800 0860 0890 1000 1380
 2000 0940 0970 1080 1440
 2200 0790 0810 0880 1150
 0000 0660 0680 0740 0950
 0200 0620 0640 0690 0880
 0400 0580 0600 0650 0840
 0600 0560 0980 0660 0920
 0800 0760 7790 0910 1280
 = AR

4735 kHz, 31-08, 0700 UTC

VVVVV PROMRCh = 31 08 =
 1000 0830 0860 0980 1340
 1200 0860 0890 0990 1340
 1400 0890 0920 1020 1370
 1600 0880 0910 1020 1370
 1800 0860 0890 1010 1380
 2000 0940 0970 1080 1440
 2200 0790 0810 0880 1140
 0000 0660 0680 0740 0950
 0200 0620 0630 0690 0880
 0400 0580 0600 0650 0840
 0600 0560 0580 0670 0920
 0800 0760 0790 0910 1270
 = ABV

VVVVV PROMRCh = 31 08 =
 1000 0830 0860 0980 1340
 1200 0860 0890 0990 1340
 1400 0890 0920 1020 1370
 1600 0880 0910 1020 1370
 1800 0860 0890 1010 1380
 2000 0940 0970 1080 1440
 2200 0790 0810 0880 1140
 0000 0660 0680 0740 0950
 0200 0620 0630 0690 0880
 0400 0580 0600 0650 0840
 0600 0560 0580 0670 0920
 0800 0760 0790 0910 1270
 = AR

UM10 - 10-minutes net

3287 kHz, 11-08, 1728 UTC 10-minutes net: LEQA
 4075 kHz, 11-08, 1734 UTC 10-minutes net: EM4X

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

M42 – various modes

Link 60120: UHX: Orenburg <> RYX: Chita:

14380 kHz, 20-08, 1030 UTC, FSK 100/500. UHX: Orenburg wkg RYX: Chita

11100 60102 13579 20133 05003 (5FGs) and
 11100 60102 24596 20134 05003 (5LGs)

13397 kHz, 20-08, 1030 UTC, inverted FSK 100/500. RYX: Chita wkg UHX: Orenburg

11100 60102 54321 20133 05009 (5FGs) and
 11100 60102 12345 20134 05009 (5LGs)

RYX messages (inverted FSK):

11100 60102 54321 20133 05009
 32062 81053 64306 92427 52589 36273 48168 37151 25251 22079
 55187 57299 27520 39656 99156 41342 85594 94307 46154 44515
 17869 50384 54480 70902 94113 49069 39480 56103 71131 39251
 27157 25438 21679 69747 51712 59847 _____ 12150
 98887 26498 41806 88043 57840 17401 72351 93995 51917 80220

93630 92301 24701 54532 76414 63770 84013 22518 24901 13265
39676 40340 24944 99424 82052 74792 86322 39015 16379 85300
41165 72972 83310 49639 80373 45661 33634 22290 15882 17264
3_584 61797 71007 84354 35810 83526 99256 39076 13203 29596
54020 18813 78949 30664 25192 54249 61829 20459 46048 24802
93770 85687 95176 _____ 35314 16586 55898 68383 63066 30253
94194 36593 19510 23271 39796 39106 67292 32423 30755 76105
51419 91297 45623 81671 18051 85527 57358 56680 30274 63266
92753 76173 21650 45820 96426 72414 19116 35043 76408 24634
55798 42513 16007 97218 23811 51631 90467 15568 23302 9851_
_1096 70660 91746 86055 17340 82441 70607 65195 72502 82257
58929 78103 63430 54866 87219 55640 79910 53628 70275 25708
86141 76283 12926 99952 17914 93394 31217 81913 86617 91878
63659 62672 99219 36101 59002 59826 91296 21505 32084 82312
70435 35742 _____ 81383 85211 21035 41658 97177 87129
15856 87241 82651 37074 59154 59268 18952 12814 11941 38915
60944 57997 20211 72449 80082 92524 32884 70269 18267 38186
37677 89650 13398 48712 21309 35889 19251 98166 13019 25108
75408 85670 52183 24562 34939 61135 27377 36880 59306 56292
87824 66504 50274 77386 49028 73158 37656 57296 65333 36946
48256 99063 29935 57508 87229 32954 72616 52637 14799 67200
33564 65935 84577 60445 _____ 30870 38269 12546 87374 78544
79933 26403 41702 73699 33048 62923 27792 56969 38902 16855
76905 86410 94085 99860 49027 36723 98485 53827 93923 22050
68501 72495 15004 89371 17550 _____ 87483 83149 85073
46849 24061 37997 37495 41853 84966 66397 48709 51871 42808
32794 41731 81835 59517 30217 25662 43441 42267 25424 30429
81313 95528 37979 38059 54838 15463 11208 45851 90537 48057
59912 18534 75552 91765 93500 31950 30475 35372 64758 53269
67103 36594 87321 52256 36227 19588 67681 28169 14352 88110
99483 99881 16090 27542 44719 21553 28750 80571 66808 30483
10624 32361 12249 94125 54311 32724 19497 75993 76601 35664
68780 53922 77921 95008 63511 35602 13178 _7863 13713 57744
19803 20204 92464 31357 38954 63035 23448 95763 83519 24073
18124 85768 62436 17696 61507 74486 84298 87171 33267 28221
55093 18276 81732 80695 21454 39596 84409 14116 87341 94213
24320 6980_ _5571 53275 22841 29019 39038 96360 43093 47163
72128 41292 99599 70621 48989 51107 35108 23287 28278 58376
41509 73371 66652 13241 44067 78106 42838 18477 82222 20179
96542 79984 39818 92825 27281 68856 79186 60375 41314 91667
95620 30657 36727 27044 43945 55005 75420 75454 18377 32073
78696 52445 11534 60922 72402 _____ 58945 91698 51875
88763 74524 69157 47620 43710 19532 43640 75025 29260 66961
21857 55987 84006 55803 49427 21257 71500 89954 51816 61680
91488 24083 46353 73028 84901 88229 51792 49426 47386

11100 60102 12345 20134 05009

ZDKZJ ENSRF VMEEI UYYFY WCMDQ OHBHB IGGSI PWVKQ AFCGJ MAKMH
IIJWO BNVEU YMDFE LWDIG TKMXR XLTHX BRIMO WODTS XRFCW LNTOV
BJGNG ZLRSU RVMZI CXYFQ QEHXH GJWBX SCHAS PZFJT BAPNB _____
QNFZL MFWII TCLCE FSFMD ZNDQD GPUEM VWBAV OMBKW JGBWK FDELP
HMDMC GSTCY HZUKZ QZNTL METND GSIKF YUTDG XLBQP ZXPWK OOLCJ
WONSD SYXBK DBEYE NWPOM EPMTN WKBHO KFEAZ HUZEV KJWOI CBETR
SAHG VUEFYN VKVZK UIHUN EGYBW GFAMZ RFZYN UMSCT FXDAZ QXHZT
UDZTG VBMVO NNVMN IIKCM FIMLK LBJSC CPFBI MXLAU ZNHWB XHLHJ
YNRKY _____ DQEK M WQAY LBLUY ORFAB OYOIK OOH RD WUTBG NPEFP
DSRPN RDGYF HODXW _____ HYLGM DPYWE N NKWL _____ YMSKJ
XCGXO CEOPQ USGVO MIDYG OOMQL ROXJA IGFOG TQKHI _____ RZJUY
QLOCD BTTYC TJLYX RTQDB YIHAT GTRVQ VHDJL GKEZK JUTWV TPOJU
RJDYL _____ XOFZC RILXH YIBRG WMVNX QEIVF UTLDP JCFRE HKMSH
VSSYM YXYUK WMQEH VACHD TSFBJ LITZC DUVVV HVSHR EDDUK MQMPZ
QKRXL DLVWK YBFVY AEUUL LYRRS DDKPU LHFDDH SGSOE COGJL GJPAF
CODVF YYKKQ HWXOB EJYV NBKVK VCWME BRSHM ZHNMT DTPCH SJPBH
MRKWO VUSTG XUZR D MTMBH GGAXI JQRYT BKMLH BIDVB LUYLO DZHQA
OWGQT QZLK_ _LKTY TWHWS KJOIU CMVJC VZADR VWQHG QQT CJ RVIAT
CLCQT XTHSE LQGLV XJRQS XIIQK TKFBM YFXCW TBRAW XOMFZ JDIBV

AADKT NEDUF PUNPW JIYCK UBYIH ARMKU HNVKX OZBRT JIPWX LHLL
 SHMSR TSJFF FOSAY POXTH SESH C RVLZI WTQKL HGESL JYCD A AURAP
 YUTSC XKZIJ _____ IEBMJ ENEVP _____ NMYMV YWBLV SYEPU
 IAALM KPBQK SLGCA URPSE MBCNM XIMEZ IOZJZ OVRRL DKWLM ZFFOZ
 LACNP ONXBR ZLFYW GORXG EBQDM EEUJS VVUYK JMXJP QIBVI XCXRB
 DXEVC RBGNM YIHUI UEVTN MKXPH FPLEI NJFRE IKFOZ SPIBJ SXPNR
 CCBBR IHIUL QJVWC BGNJU MDLWG VPEKE VP YS AIZKC NBNKZ QNFFW
 BRZNQ GKHMW LJNUH GWPHG UWJHI IZWPE SRYUG OCSVO QIXGC EOAVX
 JRUSZ CDAAU FTLDP TTRNO FEWEM BIABF XXXRF YWIIW CFRQK GLDZB
 _____ AQFXK MXIWX OYDAQ _____ ZFVTY QTQXS AJRIF
 PRFSR YHZCA HJLWV PVCLQ CBMSA EVJYF _____ PWICU FRRHC
 ILFUE FEBQY GGNFE UUZJJ ZAGHE ANVSW ACIHW ONWRF XXMKE SFZRQ
 KSSQC WTRTN NTPXD LLQJC XICLV _____ TIFKB SYVJX YUJQG
 NPQRB LAELL BFFTR _____ UYAFQ GTFWM GIOLV AODFH UZWUZ
 VXTSV WMVYU LEPQD BXNQK ISALX IIZGE YBDTT YRHVQ DGWSW ZUVM
 HXEIK DSUCY YABBV UBNDW FHEBB BDVYR JGQNO BRGVV _____
 ZNPER RHWOF NYNEN BHGJE CPAAY CTBDE KETBI KURGL ZWLMA _____
 NJRQL RSGTX KFBEG MQDDZ OCVZR XZHGG IVRZL CRFJM CTRGZ ZSQEX
 RUCOV TLXAT DIQVK EZDJI ROEKU DLOVQ NOMPC IKPFM KKVVBH HFHM
 RDGVP ABAQY SENFV PNGHU SREPU OYBVK SNPYK EBLFR JZXYE TQTZX
 NTOUJ JIHKF UETJF DQGOV ZAUXY BQOUR NKKCG VNQFZ VZGQK _____
 XSMUR LVHBR APDLT JGIBL JYMPP XCLZV VXQIR HVOPY _____ KULSY
 YCWL T NKWYJ RUGHE ZPBNG ZVXRG CBCPW CNAZA TMMPN WJHES NGHOT
 PPQPG YTKDI GFXGE YZTKR GIAPN SETCU OTJHK _____ WJRRT
 IZEKO TFUMJ OCCAL NSTSW DEIVP YSYRL TALXM BQRWE _____
 CVQKQ HKKFC WBEHY QIRKE XMRGR BDLIS KNSX_ _____ JOIPX JGIAS
 OXEFG YJJLR DLDTE AZGKR NVGWL DHTLH LAGPH _____ SPVYZ
 MOVUM IATBN COPIF XXVPU WZXKO RFD OFDTCX HKXAN NCBCN GBKBR
 GZQEK GXPJM UOPQS OXCOA PBCQD RXHDA YKAQO MWLBF ZXWQP OFNTT
 PKWRB BLAIO CGYCW OOSCR ABRYU GOZVH UKSQE VRPXA FZIEE HUSZW
 MBADZ ULQVH XPRRH XMAOL CULNA PUUJT TVXTA YNMOI TOZMH

FSK-CW operator chat transcription:

1030z:

[RYX] UHX UHX UHX
 [UHX] RY DK QSA4 QSA? K
 [RYX] QSA4 QRU? K
 [UHX] QTC2 K
 [RYX] QRQ100 QBN K
 [UHX] OK QRQ100 SEE K
 [UHX] FSK reversals
 [RYX] BK QRQ100 QSP K

1034z:

[RYX] UHX UHX UHX
 [UHX] QSA4 K
 [UHX] QSA4 QSA? K
 [RYX] QSA4 K

1036z:

[UHX] AS3 K
 [RYX] RPT K
 [UHX] AS3 K

1038z:

[UHX] DSDSDSDSEEDSDSDS...
 [RYX] UHX UHX UHX
 [RYX] UHX UHX UHX
 [UHX] QSA4 K
 [RYX] QSA4 K
 [RYX] QBN K
 [UHX] RPT K
 [RYX] QBN K
 [UHX] RPT K
 [RYX] QBN K
 [RYX] QRQ100 QBN K

[UHX] AS3 K

1045z:

[UHX] DSDSDSDSEEDSDSDS...

1047z:

[UHX] FSK reversals

[RYX] BK K

[RYX] BK K

[UHX] FSK 100/500: 11100 60102 13579 20133 05003

[RYX] K

[UHX] FSK 100/500: 11100 60102 24596 20134 05003

[RYX] QSL2 K

[UHX] CFM QBM K QBN K

[RYX] QTC2 QRQ? K

[UHX] QRQ100 K

[RYX] SEE

[RYX] FSK reversals

[UHX] K

[UHX] K

[RYX] OK SEE

[RYX] FSK 100/500: 11100 60102 54321 20133 05009

[UHX] K

[RYX] FSK 100/500: 11100 60102 12345 20134 05009

[UHX] QSL2 K

[RYX] CFM NIL K

[UHX] NIL K

[RYX] SK

[UHX] SK

See also M42's Priyom pages:

<https://priyom.org/diplomatic-stations/russia/rtty/30109>

<https://priyom.org/diplomatic-stations/russia/rtty/60102>

13397 kHz, 27-08, 1030 UTC, FSK 100/500 inv / FSK-CW. UHX: Orenburg wkg RYX: Chita.

11100 60102 45896 27137 05003
42940 35805 80793 49855 33381 36378 63577 49819 39907 51751
49154 81925 59169 79803 22887 62285 89637 11236 48745 39892
85288 67097 51952 22732 12674 37978 14218 38479 54074 61861
35151 53608 15439 74970 83515 57191 14125 55440 83928 68328
58645 63566 69565 97391 55246 99457 72680 12343 92350 14632
87387 27365 15366 31584 34056 14138 75659 85918 39290 19267
91357 92783 38548 38224 34908 82313 96553 83554 35879 56118
70946 81126 45576 33626 83470 27926 38259 76371 55625 71948
10680 77209 96005 14818 42868 71923 44109 52136 53280 38369
34920 81829 36755 63145 49698 80292 34948 95817 41239 31393
64865 79545 49320 93124 45917 44634 38750 45314 93870 50133
38828 55793 84242 80965 99074 12612 70903 39367 59031 67641
38436 98729 37933 63384 84547 69172 59459 24038 29004 45261
64921 79896 35913 62787 15211 31873 46657 55344 60701 92451
29587 31667 81525 32200 27552 42429 61567 76584 90003 65313
28004 43388 39861 87177 92847 35803 11852 71065 98379 66773
40961 24292 19561 46172 46165 56218 91517 96867 38670 11105
18534 10196 33305 36087 42625 84872 32695 64876 57985 50700
98264 87847 27877 81112 13650 19093 82964 74715 39738 21765
49299 41850 57931 95518 23367 44799 24188 24473 53334 24384
47778 79422 57009 22651 72094 79705 77527 20080 20405 65792
97927 38283 36904 47377 66294 44850 39607 61971 56616 78906
93821 64424 39347 78612 21662 82682 92997 59441 52104 40006
72092 14198 39620 24278 20118 95412 12206 48401 22316 85778
22185 60078 20628 51792 12049 67244 20699 95871 61792 75124
93060 91140 43736 63822 26734 54164 56741 16256 10125 56453

PFPIH OBSON RCJAG HZMVC KWXMK NEEUO QLTFV CVWVL KOPVO YCQKZ
SUYRG IENOA BEOWL JBIGW TSMJN BHRTT RLQRC WZILP KOTYL GKMOQ
KJKWS ZZBQS XJDNA HJBXP QALLA YRKMV CWRMV LLUPE PMNUZ QCKRT
HKVVV WTPGG YLCRX ZDLWS RLGGH HWJRQ FBAAW XWPOF XNQCE PBJAX
DTIJA QSWBM MINMJ LMFCA MAPCC USFFU DJONU OFNKJ ZZRON AZZID
CUFRZ JNRPT LSCBH YPNLC WMDNA QQBSY HUUML TWZKN UYFWZ MURBI
TXUYN VODYI DFCXS QRQRD DLDKJ DYFWA NRZIP MFDRF OULSS

14380 kHz, 27-08, 1030 UTC, FSK 100/500 inv / FSK-CW. RYX: Chita wkg UHX: Orenburg.

11100 60102 34875 27137 05009

[...] _____ 39106 86216 21427 65874 79750 27267
68026 16586 21192 87763 54719 36021 17833 76506 42999 78338
37451 75428 97976 78213 22702 62543 94402 46954 19353 31707
49151 60336 57155 78257 36553 68583 34132 85851 92158 12889
78722 90653 23441 29372 98486 89948 62371 66825 17399 55045
32254 23258 44956 57919 81911 67273 29368 21063 17610 76524
89320 44163 35107 13452 40466 10959 95611 43356 79681 88961
24009 93123 12496 73072 60705 69322 80472 91576 75848 19009
26533 23768 16671 98445 81041 36039 88651 88829 22814 27672
92282 53281 28631 77893 86637 98313 56855 81436 55189 44508
62465 14980 44042 80828 10654 60575 94596 17325 49021 65638
43365 48530 44289 35929 27359 57104 53602 72234 77534 77023
60547 24389 67670 31983 69579 60813 66491 65473 13279 71472
57118 47322 42300 57772 97898 26896 65098 36919 82535 98463
75449 16824 24393 92808 63929 67996 92450 54315 30230 59984
21338 80777 74374 79008 33953 29822 59253 89427 33102 20725
36545 70424 53025 84318 58322 69922 39417 85242 42457 27880
50691 49282 42274 33500 15950 47526 20501 65934 58865 91279
30309 27874 84040 54263 47696 33293 33690 70799 44018 60236
31223 87043 34555 79546 46966 63972 54788 79423 81853 95479
18706 14127 18979 11917 24930 49444 14900 80865 98309 96179
16183 70219 45437 53880 93512 69128 14679 27530 19364 35903
43920 41541 97892 50237 10965 69745 35716 19671 73873 44696
21589 68272 59626 61034 73172 30491 49343 59351 21666 55527
19570 57104 99408 16232 20614 25597 29991 15189 59517 25440
46730 47409 65677 47696 91394 57367 71029 26091 68957 29301
75718 19991 92474 96209 59335 41826 51397 54980 94271 44480
61212 88359 55095 76809 60284 26327 23791 97015 63736 79469
34711 60892 60864 82079 21921 76955 41037 41223 42673

11100 60102 89452 27138 05009

FHFDX LMGAE PKJVF FUAIK FQMKK IXLKL RRSZV QMJYM NNXZI EFGGQ
ELGSV QAUDL FVEYU ZQIIQ UYDTX OZFTF VZQCR NUUHY HNTLN PNDZV
TTTTY S00ZJ WVIMZ CCTWJ TFWOS LDFOC BJYWK PRYFQ IBNSQ MUSIS
BBXAQ QNVVE AYNAY ZPOYW EIYSA OGVIO PLQNN GFBDA FDBUD WUSKU
PQEQI EFPBN FRYVQ ODLPB NUKOQ OMMIY GZPMQ ZTVQW KWPLT VZZIO
IYKSM AIBNT BVUQI LSBIK XTINE CKDDV TLTDF HFQIU JKQFC ASWDB
HCWPR ATCFW XAHQF PZKFK FQWXX YXQXA TECPV URPHY NXYXP DMOPT
YWJUT GVQYS SRYXG VRZMR XAOVZ DANRQ GSMPM IXJAW DTPBQ WZJVL
CVNQS MTVZM LFEZW RJWCK UGFJJ VHIGF WIAJA UYTPX HCFMC DFNBH
XVNCX XZOFH TBPTN ROLKD KSGPG KVLXW SXSGZ ZFZNK IHOAC BRSME
YWYGO ESJPR HJOBP QCURQ HZZXZ DYRYM VWKTE YZWJO PTXEU PWXLN
PUMQR OTRHR FCPQX TQWRC MHVLN RAJOO YDKMT CAPVH IBLYR ITJGN
LUWIG JAIUO WUUJG PLHEI QNJCN CMIMV VXPTG VEIEY WCSSL BIYIO
HYDQC STPBH KYEBS MXWUD XTFRL TSVTC MABPT FLOWL VIJBK DQHAM
KZFRQ TMJQG LCGOU BUCRS PMBYQ LEGUE SEDAX VVKEL QSOYG ICCMT
VBIYB YJFGD LAJQA IMVUS JMMXN THPXV KUWSS ZSDHY IUZTL BCZXW
TGJGF WBOA JXVHG PGKVP JDKKX XLBWI XRQIX XGALT BUTYB JPKTK
ZEQLO PIAQG KPYDA XAGYO CBIVB MGQYZ DZGTL WKVYA CJRCO RZQYZ
EACPX DDDWB EZCKU PHGLF GPQZR GRSXR UBTWQ QCVTY WXZBK VQTDD
ALUTK NZDGW UAAPY SHAOA AMABP MYGHB LHMIA ZVACB YXDAO CTWEJ
YHVAK LMLTT OGDPO DCKFE LGDRG SVZQZ IOIGP VTDGM XUUX AXJFZTN
EGTJZ ZBUBR WLIER XBKAH YZETB BEJBZ WHFPS HQWBR PDXE WFWJZ
PJYTC CUIXN HJGPA ZWQXV KKXPK BLGIW FXGGS KKNTX MAGVP GULYR
LIDIZ NLLUV JBVPH NARCT ORTWM LEGYD ZJNCT NQGAM EJNZB VOBOR
WDIRZ UCGCD JBMYP INTQP HUBVT CSIDG BBLJS NFXTH AEIOC NYSJP

HQJIN FKFNP QSZZ LOGKJ PKNXA SMZKV OTOZC BEOHT GXJYY KLNQV
WFFKE IETHQ OXJCW NGDEP WMMGK KSWXL TWQZI XJMQQ EGNL NDRQJ
IPVUX HEPDE AXATY ISJWK BAQQP DDSW DELYY IGFXL JAKLT KVLTR
VURNK GTQBP MEWZF WHLBG YMGJZ BTUON LLHEZ UNUMQ JAWHZ BEIMH
QNUXW TAPQP EBAOI BIXVW NHWJO XLUFZ CVMYU KRVAJ MGNOU VSESN
AHWWQ NTDJA DLYRJ SCDPE MDKZS FWKJQ ZKXYI ONERW EWIEQ TZSWO
YLUIK MNJYZ ZZLXZ TNMZG JGFTK VMJPL ANWUV IILRI MRHXQ HSFVS
LGASZ KNOWE ZWRXS PFCCX KOQTN ICFNY ZAEZT GKIUG NVEES WVXYX
WKNOD AYGIL GHOMH HUTPO BELFL FDGDB GBLVS QWQYE EGNST UBNPQ
EQXRV IXYQC BWDOS XFQOF WSMJK HGLUV DAMCS JKPKB RLZWC RUJJK
OFECP OJVBE QGGEJ YOVPY WILYH NPDYB NNGRP VHBSK FLSNP DMDZD
DXMPV TENWD OLSUE JSNKM XRXPF NVTQU WUTKL RDPEB UUOMO SYIFI
VECSW HHRAA NWWGH HXMYD QTXEH OZHWG QTNSM JBVAB VPZRX IYVVX
ANSYT BMSJK BBEOV SXWNZ ZJQYA NHBIE ALRUJ KVVFG FGHLW CDVAT
WZCMY EZFFK LFVZC EOXB T DIBLU XPZSQ SOPWA NBCUG MFOHJ NNYKQ
ROYVB USQWN IODYL GNOII UUPID BYQZI ISYGN BDISZ XCPAA CGOQQ
YNKPV PQVHR EPMEY BGBJA CICTJ FWRVO IVBUK ZKDUR UAJIH HKPIV
RMEVF NADGX SOSVJ DWVIT OEVXN EGXTO SMCYI ILKNU IHICD TFBQN
WFUSE HWLGS BYEGZ OOMZD GJLPL QKTRB IOICI OJEZP YDQDJ PRZDS
CKBPZ PFLIX OSNWV VLGBM YARQF CHWDK RIUUX VJDHT CVOPU JKHRL
VPNNH SRORV ZIDVE ARQDA JFXXW RIGAC UWRJL BCCPV XQDAO JDHZI
HJQGI MYTVA VRWOA HPCKH XJZCM NMPUL XDWNK HCIAX KXOHL OODTA
KSKLX YZLNV YMZXC JEETG DDDRK QHBTA DVFPR SNSFA NDPMA RXGXQ
MAURR GKAJD BNLYC ESSYX ULCJA DCXJZ OYZKP SSZTC FWPSU TYOLW
LGJNR JSUJE TZCVJ TNDVI FCGWW AQUQD QBLZR DLLXU PSTTN

FSK-CW transcript:

[RYX] UHX UHX UHX
[UHX] RYX RYX RYX
[RYX] QSA4 QSA? K
[UHX] QSA4 QTC2 K
[RYX] QRQ100 QBN K
[RYX] QBN K
[UHX] Inverted FSK100/500 reversals
[RYX] BK K
[UHX] Inverted FSK100/500 message: 11100 60102 45896 27137 05003
[RYX] K
[UHX] Inverted FSK100/500 message: 11100 60102 45896 27138 05003
Note: Groups 66 through 152 skipped by operator
[RYX] QSL2 K
[UHX] V CFM K
[RYX] QSL2 K QSA? K
[UHX] V
[RYX] QTC2 QSA? K
[UHX] QBN QRQ100 K
[RYX] QRV? K
[UHX] OK QBN K
[RYX] Inverted FSK100/500 reversals
[UHX] K
[RYX] Inverted FSK100/500 message: 11100 60102 34875 27137 05009
[UHX] K
[UHX] K
[RYX] Inverted FSK100/500 message: 11100 60102 34875 27137 05009
[UHX] BK BK BK BK BK AA50 K
[RYX] Stops sending of message
[RYX] RPT K
[UHX] RPT AA50
[RYX] RPT K
[UHX] RPT AA50
[RYX] Resends 11100 60102 34875 27137 05009 starting at group 50
[UHX] QSL2 K
[RYX] CFM NIL K
[UHX] NIL K
[RYX] SK
[UHX] SK

16156 kHz, 17-08, 1300 UTC, CW

UAL QSY 17411

16156 kHz, 24-08, 1300 UTC, FSK 100/500 + FSK. UAL: Moscow message to UAG: Havana.

11100 70103 96315 24103 04009
68568 59719 13735 12126 55852 09219 54261 18111 93449 90164
96730 83888 13226 62149 15438 37653 14725 90745 52480 36052
87018 25479 51364 50995 36503 07589 39549 01093 37849 93504
89591 76162 50276 04992 13604 28239 66353 41881 70688 27525
85504 18352 92058 06718 29404 08669 53515 42161 41459 13346
49978 45242 37563 81642 51751 62481 00299 51359 47220 07757
33795 91844 01661 75088 21410 61167 86840 05430 53433 13389
61122 05900 16997 16864 04734 44893 65382 69518 39902 71511
08908 22039 90539 32739 94584 44906 61172 86818 66731 00215
39786 36255 25732 04214 54292 28879 27126 91516 37290 00423
88220 16892 78822 57032 94405 55609 71803 21158 22368 88239
79808 89266 22382 80876 81916 74800 26873 96703 74294 34836
77440 99844 33201 03861 87522 37438 69104 83128 82887 10870
26610 59008 87158 72106 09862 48781 44528 06063 38130 97314
96882 84937 61260 73049 57502 05470 89672 36747 48524 45029
18596 81422 94376 97503 51231 66910 88344 74902 50530 97492
74476 85621 74271 16037 12002 25308 73122 13069 14469 41256
56384 74230 80760 56280 55096 14549 60205 62994 37185 72960
18953 24442 54366 65532 99802 42007 25457 20801 92688 76556
85812 45689 57981 33729 57556 95421 69820 49337 20303 45878
71648 35789 87054 91835 61146 75498 14964 19513 46739 72189
05642 26886 42880 96061 74708 90178 96294 83733 95270 99991
60356 78910 45007 15499 59807 24711 11560 10139 12993 43594
35912 07256 03800 65820 98438 29120 20500 92382 77327 07755
03662 03353 34045 31030 70345 47572 05540 22440 06741 74624
07877 78008 46463 95038 80983 08766 76671 79648 29191 62227
39212 34044 37271 21311 18966 09071 66646 04139 36590 33289
61461 13148 87847 78349 19208 06964 96695 93218 05586 93456
74340 68182 18292 67434 01435 14578 29422 41395 75600 71185
61167 42788 91483 73214 74514 76214 45503 44827 75601 74008
82503 01135 69452 83629 26482 70604 15757 65317 62594 73809
66388 98430 62609 19473 89346 19918 71011 03726 08816 43354
93937 23529 16025 31985 58126 40193 30590 24201 32083 53935
17040 34909 26633 75400 86200 81200 17060 05104 36132 05788
54013 56715 12301 96627 55370 85125 91681 26170 96246 05244
20472 58676 39336 12448 60106 99042 72769 40634 21255 81566
47686 18805 90509 22081 32689 12128 79419 81920 27394 58400
50584 17132 02241 35869 00488 11376 56763 23331 03752 15963
13504 38457 48509 45452 89761 65273 17570 02252 14357 06750
95083 28669 81606 23409 03373 09829 59692 43922 99632

18726 kHz, 24-08, 1300 UTC, FSK 100/500 + FSK. UAG: Havana wkg UAL: Moscow.

11100 70103 71539 24103 04003
3119_ 5756 23556 78019 12276 91225 39184 44344 18706 66822
81559 14032 35376 87351 50078 85886 40478 39549 32299 42116
42088 24028 07430 34501 52795 47163 99521 19107 07005 26367
97552 25467 50604 57165 84596 71177 57680 15537 43264 57837
53977 93945 29595 09275 51776 94494 32599 37996 25890 27653
61629 50796 85460 89983 28770 29463 21242 19313 18439 47521
33060 50777 61376 08946 67133 22191 55224 19789 17951 02164
98866 28649 74382 39413 32734 96930 14716 56699 02248 84824
80307 37834 86600 63946 82535 81189 60050 92577 22742 18150
77927 14436 29842 19940 04534 66923 45312 41269 25124 09780
10214 74240 09153 10089 33963 10929 16989 44567 49525 38115

67263 05071 ____3 12561 07053 18275 04346 90309 52087 15436
02740 08410 89156 13200 51588 42535 57920 91378 32542 88901
54292 78637 09407 43959 22598 82027 19570 80257 28688 21310
89345 41950 31198 53996 02945 08364 93140 02049 79736 99067
01012 16188 39497 18889 83608 38721 60347 66304 47745 50855
59035 53649 73041 15412 48283 12579 32987 50898 50870 83226
34467 97852 75132 10480 92917 63423 81590 95836 85330 55101
95363 78253 48266 39549 44085 42445 13078 87472 25979 78052
95528 90456 37815 38135 81991 60716 17406 70419 79421 49695
80340 19725 21278 46447 55652 25038 46598 41741 50090 59634
94400 68826 95700 87718 80606 56797 60387 36000 49671 57489
26157 03645 18104 31851 64721 59049 52079 06725 65151 96862
46310 37977 93273 53708 96382 40909 87484 06023 81729 73895
20689 98475 01443 86179 83027 76376 30101 65769 65100 20539
85807 48367 46367 08013 27617 73268 18402 47138 24551 97177
97708 60353 63379 01866 07771 13189 87358 5661__5022 12896
83114 21399 88442 25141 57860 01680 17440 82202 74129 90869
67734 81106 34219 61266 79907 95145 31527 89500 60320 47216
10969 27372 79079 18399 05666 54043 74747 90245 42093 70514
70469 44179 30868 22325 31219 66474 85369 61410 16847 32236
35385 83060 10612 66812 27951 98909 27890 08100 32605 31904
34750 18157 93202 44173 31077 17570 93516 33755 77932 41018
28787 61101 73842 37457 00416 91309 09700 63381 76000 63013
56968 42577 81872 19870 68865 90827 20360 65582 99236 28991
28934 28396 68780 32897 23439 46006 33329 93497 92594 06810
33866 85709 35953 08445 32972 69380 62499 19552 67379 70829
92092 55697 71335 18390 26910 05387 50442 30386 85114 67129
10684 78997 13911 83454 72310 78436 24176 82857 23274 70877
13874 65577 91901 08585 72416 94173 43499 55656 83170

Operator chat in FSK CW, 1300z:

[UAG] UAL UAL UAL
[UAL] UAG UAG UAG K QSA4 QRV? K
[UAG] QSA4 QTC 1 K
[UAL] QRQ100 QBN K
[UAG] OK SEE
[UAG] FSK100/500 reversals
[UAL] BK QRV K
[UAG] FSK100/500 message: 11100 70103 _7155 2_103 04003
[UAL] QSL1 K
[UAG] CFM K
[UAL] QTC1 K
[UAG] QRQ75 QBN K
[UAL] OK
[UAL] FSK75/500 reversals
[UAG] BK K
[UAL] Starts sending of message
[UAG] BK BK RPT AGN K
[UAL] FSK75/500 message: 11100 70103 96315 24103 04009
[UAG] QSL1 K
[UAL] CFM NIL K
[UAG] UR QRZ QDG2 QSA4 NIL K
[UAL] CFM K
[UAL] SK
[UAG] SK

16156 kHz, 31-08, 1300 UTC, FSK-CW, FSK75/500 5N1. UAL: Moscow wkg UAG: Havana.

11100 70103 25421 31104 04003
17453 18964 22277 32474 50981 02819 92023 80759 25994 25025
34767 33006 79774 56159 99157 86345 42380 43555 82095 01432
72818 35935 70622 05633 43756 50710 97186 63125 60703 13652

56730 54051 26608 25606 59020 29968 87795 35948 14685 37736
22196 27467 78366 29059 55791 42359 97447 97860 18229 04024
39781 12671 73523 14349 98856 36226 86800 31165 99849 49465
13012,95577 54989 22098 18561 83831 41674 96953 71773 03430
01785 80284 63154 38166 85621 55207 41371 71782 88909 60483
75892 04914 56311 01818 82225 25033 49873 87859 70689 94067
05859 08107 04663 83372 28395 94883 79236 10768 93370 36592
56222 59304 61026 34420 16436 82454 20681 19692 15213 25423
16011 74057 52077 17257 24348 19691 90514 13437 88405 71702
88770 93651 23895 69947 27635 44436 51448 32409 46122 81354
26304 97357 21013 90425 64174 46466 51169 93472 86753 26065
32576 67088 35282 08736 35052 69899 25617 62420 16541 57817
43251 19237 35953 91967 01699 61194 50471 68982 12711 64981
08269 28342 41731 73036 72579 16458 47056 83061 38044 12176
26114 73190 25287 43396 17316 04984 64649 49498 30908 71448
05021 69246 07267 82256 08710 58874 26075 03368 18277 70034
14806 93225 06290 42295 29973 02729 43917 89880 09563 31158
49315 87330 20098 55246 01730 83777 46769 73581 32262 00525
00072 33532 27231 91609 37376 32870 05075 72046 22890 13303
52719 43430 74422 88074 32358 71589 70412 70844 94583 95983
25646 98017 58799 75516 89101 61721 46854 00476 22360 95620
80846 25260 82021 80737 81009 01603 54562 63495 24646 16970
57073 03145 52029 67820 22308 90777 30214 22415 31492 07110
10700 52869 93321 11216 41872 41126 92586 77419 22172 88547
56868 22503 04923 83799 14733 90445 90758 08735 43871 86864
68581 86942 32616 80351 90997 04667 03276 12895 95156 58772
70720 86559 04949 11454 34666 18642 75476 56364 29076 82454
65755 25862 77138 75946 50572 94052 25246 85349 07444 55329
54412 36022 39605 83075 92572 47695 20980 98243 76199 36297
74048 02476 34668 29544 16576 55465 95820 88495 38115 01248
36155 52253 92241 73099 24076 47979 15439 31738 29661 33454
08590 16518 99356 64325 42001 14292 19061 03260 69894 75639
14017 13171 65316 33151 58966 01724 11390 01444 96988 09291
09855 63606 90471 57555 92828 73753 52648 00943 48728 30389
33141 48078 98288 00250 55938 45444 81616 97327 33258 40439
42220 46754 03728 66012 18946 88238 68310 14074 81760 98743
22433 89853 72323 39081 07736 64414 35279 54130 31887

18726 kHz, 31-08, 1300 UTC, FSK 100/500 5N1.5. UAG: Havana wkg UAL: Moscow.

11100 70103 24598 31104 04009
01952 37430 24755 72092 92657 91365 71757 70190 80891 32875
39111 96525 13052 59262 14876 74094 92560 04889 32168 __991
__3793 __104 97544 06104 77769 15921 08164 13645 71576 84894
49897 92472 45718 01621 93587 61132 89580 71302 31640 88562
57395 87827 22133 83390 58491 03777 32634 81772 40226 63817
00914 19700 93273 49914 54736 00718 33970 11790 57924 94993
43394 81079 74881 066__7872 92613 70751 63410 10600 61268
89420 35197 69059 87817 76531 58097 97932 92228 39706 84164
02187 97834 63165 47268 90013 14824 18927 87846 40339 96488
41776 96503 64555 66654 60193 37391 67182 41745 00424 37311
35145 95919 05880 51488 10353 42696 39063 41925 25261 31539
58199 29306 06115 82805 85755 04364 73550 09520 11051 09665
95253 99399 94129 27734 70350 55571 63097 36470 50226 19414
22094 17784 25461 23973 12107 30392 33559 51376 91795 82712
67172 92691 30533 66793 87497 33660 30831 39217 72534 14752
22357 59909 54901 38968 94710 24804 28881 25846 61168 53281
31397 35078 70564 16341 26604 08210 09506 16429 48774 01835
62108 54861 83176 10733 19439 47787 89632 04391 55850 76619
98427 25330 14404 83882 33284 22701 68554 50397 41064 19556
52295 14763 32899 37263 75950 21054 66441 25474 69794 05678
23904 71109 22695 59335 65595 84771 07961 25009 63631 88050
13584 17928 45505 50131 19066 78445 02217 47167 86010 93759

40626 42842 54678 49420 84749 13552 63678 96560 55656 66670
35001 45785 84669 25301 91561 23663 39562 77979 99457 52743
68416 16757 52116 41057 90854 12091 38527 92023 91324 98000
62740 70699 94109 65905 06830 87318 24778 90594 54488 84058
87740 36769 17466 35957 14605 19574 32024 01932 63024 17591
17597 86837 70723 61688 14842 00490 94375 48209 45284 24606
88046 49895 59719 23586 00866 23012 67577 60086 98626 34101
64432 01311 39001 54798 99843 26962 55052 98154 52714 74795
26742 94900 06361 84701 45101 33088 40470 27267 98780 09549
82148 27741 37635 66608 83232 21354 93061 12490 16057 00915
59750 48844 04875 42639 68556 53853 35100 21132 05173 94330
07575 49467 54285 65268 30044 05308 73911 80258 63022 28994
29594 61233 62242 04544 43154 00961 84879 59498 35674 96728
51721 44557 69414 78658 82494 78931 18338 81088 46515 72360
21934 30454 95861 59723 02040 48116 73254 09190 47326 91566
11831 89837 95154 82449 69001 09688 65479 94832 61571 60077
26495 02181 94331 27329 96700 06444 99279 57635 13089 97722
27679 86103 20120 17937 62141 65904 59201 26927 40910

FSK-CW transcription:

[UAG] UAL UAL UAL
[UAG] UAL UAL UAL
[UAL] UAG UAG UAG
[UAG] QSA4 QRU? K
[UAL] QSA4 QTC1 K
[UAG] QBN QRQ75 K
[UAL] OK
[UAL] FSK75/500 reversals
[UAG] BK K
[UAL] FSK75/500 5N1 message: 11100 70103 25421 31104 04003
[UAG] QSL1 K
[UAL] CFM K
[UAG] QTC1 K
[UAL] QRQ100 QBN K
[UAG] OK
[UAG] FSK100/500 reversals
[UAL] KK
[UAG] FSK100/500 5N1.5 message: 11100 70103 24598 31104 04009
[UAL] QSL1 K
[UAG] CFM MX QSP QRZ QDG2 QSA? K
[UAL] QRZ QDG2 QSA4 K
[UAG] CFM NIL K
[UAL] NIL K
[UAG] SK
[UAL] SK

M42b – FSK 50/500

11422 kHz, 17-08, 1150 UTC, FSK 50/500 + CW. QSX 9339 kHz

in progress 8610 88225
96951 09057 22040 88141 16422 18235 37057 34549 89410 78304 =50=
07625 97178 42867 00995 88797 06307 3____ 87746 89305 30933
84695 45943 12821 40918 12824 57599 07510 64153 93017 23378
51808 00728 09162 51246 03354 00897 00227 22275 82931 85548
18985 36553 28150 12344 35872 81766 56299 96561 93047 52788
90639 87912 82367 29306 14606 06966 29120 12258 75950 41003 =100=
-1151

QSL
QRX 110 58 QRX 110 58
AR

9339 kHz, 17-08, 1152 UTC, CW, QSX 11422 kHz
QRX 110 58 QRX 110 58 K
CFM AR

12062 kHz, 17-08, 1233 UTC, FSK 50/500 + CW
16023 kHz, 17-08, 1237 UTC, FSK 50/500 + CW BLZ26
16128 kHz, 17-08, 1238 UTC, FSK 50/500 + CW

F01 – FSK 200/500 via Cuba

15854/13543/11126 kHz, 02-08, 1840/1850/1900 UTC
Null message: 5761 00000 +++++ +++++

F01 – FSK 200/500 Mon-Fri schedule

11076/9164/7316 kHz, 01-08, 1015/1025/1035 UTC
52609 02723 06664 36595 20367 48482 55328 27121 94281 43462
38400 30669 04560 26882 14232 75974 03172 92972 72251 00182
15476 10873 52590 52784 45642 99866 90788 58249 12010 76517
18166 69720 80297 44668 84822 92461 91051 11040 63826 21482
15315 46415 01241 62064 09711 82646 06979 17661 05488 64357
65632 38022 70604 03023 14355 37773 86726 47409 69933 12138
64345 70513 39455 71526 27890 61687 30561 17674 96068 11031
54999 17670 85996 34341 65496 96373 53424 55344 19957 29751
54882 65752 26147 40083 00000 00000 00000 00000 00000 00000

74779 63227 55051 11876 34730 18080 25270 45471 25143 31988
56400 79856 51427 77106 65180 26331 62157 11641 27605 87066
82632 31530 12528 38856 04940 43081 80662 69095 02731 69964
00721 38992 20247 92755 78055 87402 59213 30029 61142 40530
32301 20071 81637 86853 17576 27162 02645 47732 81038 23249
36005 15594 62125 96364 09905 84117 70052 40747 44055 44050
57092 32842 46259 33241 37696 00525 68452 06637 95064 11927
64889 67147 10697 03817 59257 22446 18520 08016 13316 53977
84117 70695 99567 22446 20722 41085 00000 +++++ +++++ +++++

11076/9164/7316 kHz, 02-08, 1015/1025/1035 UTC
61019 38617 92306 25073 13305 71563 53886 52568 52587 19258
94860 13461 88616 72066 31098 53265 25844 46017 00677 96260
84600 15994 11497 68843 89138 47763 68908 15199 74011 58179
15480 73211 59729 22968 25705 38229 13766 69513 35284 44771
58904 89766 82838 79335 17223 39282 46639 09279 77307 00967
85718 43105 32209 90981 90171 79064 38996 94042 32185 87872
86413 23977 76776 47390 27848 88204 07414 35053 08034 67837
61897 14681 61957 74395 61005 83601 26220 53160 24182 57217
62790 62063 33151 27590 60378 87037 09232 78275 80924 08679
54946 01367 37079 73752 38937 29350 07587 46039 72911 73226
71150 25483 61243 23474 93391 78219 18574 76594 36196 82852
63953 43293 27194 24412 84535 04959 97427 28486 01845 62453
91806 57945 08405 88753 90576 77831 54595 83194 11299 04219
49199 95471 49380 60664 86350 40301 37831 33703 22315 23918
78904 78968 20773 99742 30249 07009 31289 05339 19621 38652
52642 60634 10119 09415 85481 33716 59656 25644 80800 88450
21567 00776 20630 32756 18288 08318 76731 13651 82920 57803
59221 97449 41511 31326 84567 14749 09070 86939 02080 80335
90858 41587 40372 10573 74662 04740 02173 83572 84297 09874
47620 87811 82811 85954 30147 84397 70168 05148 67829 55756
91414 85331 96043 39083 96837 16219 80956 86708 57551 56388
53429 49450 09291 12338 23258 74424 49933 16309 11674 51039
90768 73889 48814 64401 46816 62509 06564 83892 05362 04357
66400 52865 06439 81929 64855 04694 49324 34191 11135 99648
47506 27780 07202 32296 53488 58340 57824 79805 81053 68347

82543 45112 61149 18149 93012 07985 39930 00116 80502 01134
61633 97451 72480 10228 73974 23825 91240 77272 63868 79755
19858 98493 64049 22636 55958 30366 57408 29672 49413 11567
71029 23603 87343 90923 55234 25370 53601 57569 18536 90801
76760 47439 44174 19924 35624 14084 14148 16693 78589 41708
52237 75010 30289 65909 93565 60975 54732 89175 21951 69157
44118 26266 68477 65170 95708 84349 57225 32561 77307 94266
81726 35925 72332 00643 61894 80578 76680 79748 66378 83990
07241 04144 64541 39390 20807 36484 56204 07241 24850 63568
37187 44813 01051 82983 72341 10510 77010 66168 73671 20817
41020 03897 06812 46627 09464 16958 13545 62679 55242 20550
80906 98047 81456 88346 12951 03535 01960 63323 75472 01393
49431 54194 94969 57733 32556 50300 82788 74920 54414 45458
03376 25650 54440 08969 40224 92141 17122 48345 80374 70016
17635 80379 68789 91810 30066 23467 58680 63311 06134 56210
16151 20109 94419 98683 29725 37316 03337 60402 07454 39998
55622 57954 77083 49906 37521 42415 00000 +++++ +++++ +++++

11076/9164/7316 kHz, 03-08, 1015/1025/1035 UTC

59920 44056 11623 24244 88068 69696 09921 94250 70845 47977
26736 22473 18113 42348 24994 26915 11861 97597 77824 94208
65111 53126 28696 48994 12562 14916 44995 90583 37655 09626
82255 82841 65758 69251 01213 08243 78152 19793 04890 22005
26496 72360 87876 67276 52480 40162 15016 37284 42333 29804
71662 95397 70884 80350 52715 89037 14862 48567 82606 18372
40121 63801 83436 45733 92481 00923 33440 56697 46864 44772
82967 08757 94423 44549 20179 28535 72347 81580 03635 43465
66024 43081 00000 00000 00000 00000 00000 00000 00000 00000

37719 10065 42045 29796 15727 45928 48051 81059 17171 73612
62900 08047 68833 80707 67970 09806 01779 76615 55670 50317
20541 82226 96526 87654 17717 46627 41520 79427 69903 70560
58111 56676 75930 41308 23407 83411 23305 08684 22874 43984
93819 56829 28076 25481 44264 51497 51838 87317 23162 67514
04299 35235 09490 26099 98270 41875 84297 96741 77365 81123
71184 43310 65298 68408 06556 19092 59830 24153 25602 40445
19774 02549 74938 93747 18501 52854 87847 55340 62394 05400
83045 29140 97679 99486 72935 31622 54068 95368 92256 78847
98659 44091 00000 +++++ +++++ +++++

11076/9164/7316 kHz, 04-08, 1015/1025/1035 UTC

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

11076/9164/7316 kHz, 07-08, 1015/1025/1035 UTC

20692 45486 40153 66491 00127 58215 99041 77328 43812 53267
25165 89960 34824 80176 58800 85504 43505 29899 15698 16398
79565 04308 41981 64583 99630 84936 92697 75181 71477 54316
90667 90673 34864 63922 32941 92200 62553 96388 50385 12824
47538 07625 25599 72378 07777 23215 92781 29098 03450 97344
43683 21394 60953 06013 56221 70516 48366 63573 71126 28246
41674 26768 39137 01749 16391 33431 28342 99074 84971 31299
53809 94952 54853 73345 01564 23180 20842 86470 87984 60761
49140 79591 10415 30687 15175 91118 42217 31148 06461 99578
17723 65171 71359 75281 10254 11617 36044 98527 95620 13123
91112 53027 22109 77225 40358 91902 59861 22613 58092 50779
19175 19681 14921 64809 46941 04038 37201 60869 97463 71440
59232 94161 90425 95720 49397 76789 33690 66474 58524 35149
32943 00680 69070 03806 67670 61944 45736 50821 04833 28349
09496 90383 37311 39073 01784 56273 19411 77540 58615 74820
50327 22690 40869 03112 01111 05191 76059 16517 49310 75692
49692 94802 56503 97526 26335 00935 96672 77798 96000 51831
94755 89743 29013 00657 17350 12912 66116 53446 30394 95590
06524 78901 33606 56320 50185 72257 53953 23793 32292 18901

95884 67187 15147 93398 05517 92188 55601 08796 26491 38185
26173 63047 80533 07951 00257 98426 86562 78806 88299 95349
27491 30435 11805 14007 13386 64984 35857 40113 73332 26282
83201 18716 02131 87141 97216 53291 49361 02119 37736 80386
91069 85917 81551 22360 92777 66937 94758 40899 54797 98864
21179 43629 82280 83911 04763 71257 38417 35947 38990 43776
36742 48214 11706 29146 43476 60437 62080 93828 38326 29197
51331 88661 03399 61212 15195 49673 04347 32594 02758 95082
45028 65476 33731 59999 79019 33221 50208 34490 91180 22975
89334 78219 34911 08934 80410 29943 21685 50315 01010 56191
57032 21028 47762 11045 47087 22861 84750 43190 57937 44824
96589 21937 77521 10851 10124 26749 06630 90875 93606 00129
02943 13677 06029 36401 72550 37812 80294 87627 96029 87676
23110 65408 24886 51412 16987 74770 70959 88192 94173 31546
22214 42295 88255 71211 38480 84539 90142 20076 61615 60860
53081 20125 99311 07836 17231 41201 35249 99804 92453 20699
59448 62089 26100 14924 65156 73350 72783 91247 95413 73973
50718 79437 28061 68952 64259 05803 74109 58455 33242 56858
61184 84190 84636 50800 25661 02864 40844 79322 91148 74000
98503 51161 80606 76411 82039 37547 74521 58423 30910 59338
53820 67564 35736 83686 70313 35034 37711 20058 94907 63466
01297 33030 15094 04811 88974 87051 13468 62176 65049 14984
07984 60687 24654 01212 12061 25442 57583 05263 25170 61698
04525 45421 00000
+++++ +++++ +++++

11076/9164/7316 kHz, 08-08, 1015/1025/1035 UTC

49805 76130 62692 74133 94141 17740 92234 80051 13343 71714
30280 18197 43765 78927 56908 40952 07448 98175 22848 45786
49735 80722 71771 60409 07203 29275 68615 95561 13364 84627
99133 15803 54178 75644 36812 73592 77072 34345 09427 54983
75917 03063 84195 39493 62018 62966 69620 28862 43707 47944
81243 58882 44837 09263 84501 96153 38877 12186 21556 76294
22539 51696 59351 49265 15798 99079 20343 26215 16834 47653
20089 70655 52659 16796 49864 97993 64728 51170 53887 74739
01736 29734 33899 56710 56849 46085 00000 00000 00000 00000

54289 84488 17683 33580 97058 79686 75723 11943 28013 15725
00132 41372 98983 95845 28254 65679 90706 31123 19316 07544
85410 88430 17715 68653 75057 36294 78032 64573 43748 03967
24553 85178 53409 23513 22447 46250 44562 10788 37725 57078
45835 52354 19536 29066 19404 19627 99402 76215 97410 75434
84322 91357 46518 71987 39578 74759 46067 97118 48453 38476
82029 71875 34704 61473 42488 37835 30190 52836 01516 27273
03602 71674 21793 95473 76042 36064 85805 99612 43176 43092
44492 47081 00000 +++++

11076/9164/7316 kHz, 09-08, 1015/1025/1035 UTC

40187 00855 24659 10248 68070 91552 95336 78332 88156 95137
88671 33788 15629 30107 79622 85523 74203 24406 25215 01427
59918 27310 16697 00141 22324 32054 40415 83865 04240 06570
64609 98723 62374 45986 74779 38199 13019 78046 70078 30544
66723 61833 46512 95489 00342 46274 32738 40968 10515 63109
59094 96161 57746 92419 79075 71446 31304 65959 60091 67141
79121 26944 30190 23544 01365 86402 66133 61262 09909 32398
43884 44600 77566 75996 94063 36994 84794 04892 21875 65792
71931 44529 59298 69703 94479 71796 87958 88407 88930 99328
17406 82010 10212 36471 19083 28087 36110 29583 93618 80646
54889 49408 89847 18279 15784 79971 54159 93330 52866 11406
34493 40799 43836 17798 52192 43842 17372 17598 20694 03351
06611 41535 23747 72014 32088 05527 21483 70324 02144 69335
13283 10855 24953 77748 77698 68777 92779 91300 32062 30816
93515 60968 04369 73569 78797 88646 77501 25118 65422 08873

77187 38175 61622 98213 92938 99398 78389 72926 24188 18541
46601 40669 83397 53318 27275 57952 51723 87348 86565 35526
87761 70120 76854 54608 72091 06117 67034 80089 11118 98845
58744 44877 74160 17977 74845 94051 24077 65205 33817 68293
25106 17825 45551 71540 41981 52933 49413 61119 34784 29295
88184 48724 53174 71198 29058 19851 90793 64695 86281 82544
07720 70382 85168 79929 42092 85880 92726 69106 41791 32488
72530 34460 45835 78636 06300 13427 41685 63239 01634 15108
78969 54784 85114 33396 65556 48714 03757 15074 59243 31886
91811 04248 98589 29470 97206 71709 86358 30096 89976 35909
12624 94431 30437 29298 18800 88381 90062 43963 42891 99275
94043 35647 13379 62208 53084 27485 03920 60980 44935 96118
38494 18982 79424 48178 07892 52315 74607 42148 71182 02389
11346 84592 36826 79917 96684 37287 50746 27158 08326 50629
11987 45888 44418 77789 81150 73337 38172 52539 82376 32221
79185 93814 45932 00157 68498 17736 80560 45937 33104 71408
95417 28999 21575 38769 52658 87954 65044 25363 61435 39145
70840 68867 32027 66914 18927 11127 91711 57434 50308 51428
21073 29126 54601 02328 58815 62328 42865 62389 88146 35356
20295 56545 44788 80433 85015 72265 00106 91913 14840 10340
21729 93710 13682 73769 47628 19353 47556 29572 38629 84160
32304 29290 60495 21183 98008 14924 31744 73019 62351 20744
10168 33716 02336 79871 53358 16138 78727 22704 18110 06347
86479 68378 32702 24477 60150 95650 30868 69583 97165 26186
58396 46940 72482 55080 99654 95277 93262 66974 86634 42571
24473 70053 42308 32956 58515 48840 32761 82597 49036 41900
40504 63057 05850 92935 04072 50487 20805 84005 02989 29856
93927 48421 00000 +++++ +++++ +++++

11076/9164/7316 kHz, 10-08, 1015/1025/1035 UTC

08153 98564 06260 13125 64514 19817 44052 33057 85521 68266
90500 48603 77598 63554 30117 10371 32148 90234 97782 47268
74661 80184 41471 64315 65639 76081 54749 02061 82319 78628
11778 91695 02728 19764 61113 19731 66437 25514 70407 04830
07359 17080 89676 54587 31329 41886 64579 50405 09812 66186
79254 80575 73513 27511 65613 92938 12299 71113 40017 12499
14659 16349 81824 41775 29713 07934 89863 38411 54211 32660
10772 68170 34976 34880 30093 49567 10495 49077 00000 00000

99813 01590 47567 48930 30533 62556 63918 78680 25403 47287
04344 45929 33142 31956 48112 57407 38067 15025 44854 96848
33617 46829 39572 07715 54900 93209 38984 30481 65922 16513
25207 79953 02251 49596 03478 36205 57874 48756 25863 44787
27591 66044 29797 64739 71361 89821 09594 44958 73197 05151
08728 07391 61686 58913 65228 48608 78121 20140 54553 61692
03441 98900 31259 36108 78585 87326 42111 07550 82933 27929
63972 11563 66509 06349 09450 27953 46316 59018 63097 57857
25198 08570 82412 20880 65128 02340 34864 27115 34173 31678
05067 47383 73589 89982 73070 23388 13072 50097 00000 +++++

11076/9164/7316 kHz, 11-08, 1015/1025/1035 UTC

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

11076/9164/7316 kHz, 14-08, 1015/1025/1035 UTC

52969 45819 93878 81965 30010 76667 09038 25920 08451 51585
43980 36275 07875 34094 19310 06061 18493 75613 68964 64127
55336 80183 32549 80538 03942 66963 52573 09948 56050 40835
16331 77654 58503 33919 92001 38018 24197 50814 63822 59925
78110 94125 08369 18998 37097 16842 09212 01223 46789 00624
17112 47698 24079 61927 49388 95177 78588 53147 64366 92105
11597 50960 71874 94824 15834 49070 65708 73653 24597 97536
89001 83503 83621 55864 68456 78749 44136 52056 78342 77007
00559 64811 20233 01545 21247 71050 29390 56976 45758 25964

43759 17960 47055 67768 96485 35555 82078 64355 17917 90958
79149 44020 58002 51281 35616 77463 65051 07069 24196 03252
81770 96242 31448 13918 44525 44159 76807 44892 96760 74467
85626 33463 52523 70458 14658 39932 71011 91580 53415 48170
28107 74833 49851 87759 95809 75697 33789 44896 65522 28311
36541 54253 76121 29571 30168 88993 32750 76847 34792 91108
27269 13996 67418 09276 96310 65359 30702 36431 77861 62451
65087 64224 52322 92991 12767 96568 78976 27002 66897 89449
63805 99639 04500 09199 19588 55448 26492 26405 04232 83729
53294 87664 48246 99718 49424 32345 07336 51236 75546 46560
01008 55526 91396 71537 23167 95955 58019 08567 35614 33261
12762 87722 80393 11035 15461 92538 71923 60140 89255 57828
54856 31737 04469 82839 38588 13607 78993 26925 44376 09472
93612 79926 25985 85980 45712 24443 49808 17066 89796 32190
45398 80349 38264 61627 62345 85285 20878 49036 94442 37727
26356 10253 57072 70611 74535 95223 28749 95443 92539 62585
92770 54263 93384 66450 39891 76798 80462 72587 17977 72469
26347 46187 39567 11957 99349 78387 83282 77994 36266 43768
50025 90100 84753 05983 59890 32911 63773 13723 00750 42822
15541 54205 64421 32620 47408 56362 31385 58778 87138 60930
89964 61131 99983 99616 00920 29585 41025 50540 43387 77579
41203 62122 03111 26966 50471 62631 88886 34003 86526 97551
88170 11153 62533 61977 97791 24364 92293 20207 90689 70532
96295 29741 04627 64824 57080 11853 63819 92546 97360 35934
69406 05266 79328 09798 19704 65839 48596 93125 46194 72068
71201 76239 76156 13654 37120 91407 57910 42129 28710 48842
09588 58483 77549 14604 77380 48136 58075 72578 14193 17970
91488 37730 14646 15096 58345 12810 67370 32051 43274 05706
10514 28103 60265 49628 01414 21358 31963 93313 36365 31362
21393 53437 81429 76866 39579 46415 00207 58468 77466 41792
89525 80792 35604 04404 58978 93922 50018 17483 15239 58743
37716 03924 37106 65910 10249 87870 52210 63112 28789 63826
51308 70322 99138 65473 01122 87730 30127 51417 00000 +++++

11076/9164/7316 kHz, 15-08, 1015/1025/1035 UTC

85254 61537 22426 17270 55319 65272 64440 02544 75368 79071
28038 75568 23027 71378 38857 88845 97610 63467 02088 79712
24316 33932 53231 27854 73193 28498 37476 16342 27717 75972
86070 91192 16952 40868 04330 81745 56018 03447 74850 37751
29936 08415 87945 21254 05762 02215 23155 03542 73614 97892
03909 34237 11057 34473 94087 34650 51286 07666 29738 77406
18434 19083 29563 39180 59080 88866 25579 73570 76793 94350
75215 77607 04454 05020 15210 22004 64141 20296 43281 09150
25744 49981 76487 30358 09187 93336 34246 02090 62096 41580
36151 00888 02180 62728 26204 87274 26048 52097 00000 00000

26533 51039 34238 80381 14984 54839 05201 12788 98607 63734
48521 89350 40523 83497 98118 90337 26661 86698 64149 31611
52225 60889 76034 31326 84329 71731 57919 69150 85784 82127
66967 55862 65980 04859 57986 48637 61544 77805 91713 39656
95276 84483 12711 58824 31001 28671 91150 70422 19071 06316
93719 67704 38193 67085 88086 93996 92592 39268 60475 32229
60532 59208 16291 25119 68055 45417 80077 50222 69784 82613
13031 26444 23451 42430 04960 06550 84654 65081 40821 25484
78076 25291 01359 53083 00000 +++++

11076/9164/7316 kHz, 16-08, 1015/1025/1035 UTC

51507 32920 91803 85583 77588 09621 37163 73525 82304 54597
50963 96776 18146 73442 51861 77109 11439 60060 95783 01172
05452 55967 91159 90373 78602 85069 91585 57989 98704 68629
89377 70650 99175 50082 58432 56417 88167 84415 19852 26624
26534 71778 28748 03686 35592 40018 05685 72037 20601 05834
61181 94414 20901 69227 86727 60653 22655 20942 10728 61190

95116 67582 42834 02466 36382 04090 55092 06405 39540 88273
73341 61164 15181 97079 77306 15345 31182 69283 32819 32840
55720 64301 04602 50522 14443 91792 23061 05948 97738 91759
03520 27264 79040 69820 41325 02519 30104 17344 31281 70545
44193 71132 84825 00622 03115 92352 43405 53079 49043 69381
11477 38070 47057 74269 57575 14649 49345 27508 56885 97387
97006 50781 73756 62693 20387 12391 07592 72017 23887 95055
50561 54148 66177 40745 30561 13781 71770 52265 37870 58527
34868 56265 58929 61591 01436 57356 65694 02259 40439 38032
33989 51416 40172 84077 89296 94272 90627 40155 03439 07482
37833 25251 90557 32836 21105 62673 75869 14742 29141 04293
35592 93639 35908 53702 31512 72582 02243 17994 88615 99132
54119 42834 89222 29788 73513 10535 82063 69109 62797 05786
29732 00747 68612 78765 42958 52544 76151 60295 75132 62916
09787 08728 75523 40680 00981 93272 24623 35532 09426 43424
00057 61361 08343 19198 46500 39571 69868 81848 48039 54621
11492 69768 26401 38957 89453 09252 13511 29519 50056 14799
71794 63028 74827 58672 60680 02223 80463 14368 72723 10244
59497 03706 87798 15348 72627 02218 18798 33146 28640 82527
47271 38542 12873 00403 72438 04573 50149 53170 22028 50322
13117 65187 98362 65114 11946 80042 58139 01158 26298 64193
49335 51830 65531 51705 53685 57809 68055 84801 08155 08206
75791 29895 03868 28916 44661 73798 85896 75363 77053 29797
02385 71824 87197 08272 76407 64524 35387 31566 99041 80683
91986 97765 67045 10721 17162 23105 13621 55775 67271 17670
05672 07756 63851 74084 06001 54098 86142 73879 23894 24413
73085 41218 02518 21213 45724 98681 16562 01919 85961 04784
78588 04316 32597 77913 77500 32654 80589 36398 97575 46585
94480 09356 91510 20114 71907 98043 05903 62760 18164 92380
82609 20118 17725 72334 84425 95983 13684 48854 18519 63272
31037 24048 56046 55878 04756 75280 71410 58682 98575 92890
49579 37894 25452 26203 34900 78909 05612 17530 19872 23884
23134 28852 97283 26186 67013 90858 24172 63946 67626 29041
71036 79871 64549 46524 54741 39510 66655 68320 78550 25171
90442 76702 27724 07668 87518 92370 94126 63087 97178 81116
28267 26762 85025 90652 42222 54415 00000 +++++ +++++ +++++

11076/9164/7316 kHz, 17-08, 1015/1025/1035 UTC

95562 33236 96422 38031 57380 50358 19753 31089 43677 81698
49855 19205 25301 60184 19792 84850 75432 30791 24830 31287
20016 46462 20772 67981 33604 91074 57550 72293 16553 09148
46498 19624 14491 46970 84764 99202 66024 34849 85283 57710
89592 65153 85755 37921 45425 45849 35066 04550 33538 34208
80584 74494 13692 80380 04777 93663 58270 35519 84580 27567
74002 04145 71956 57870 53470 45427 19087 02092 42336 53091
96621 98624 33240 68619 78448 24292 22277 07439 91384 55079
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

67986 48406 42364 92376 73146 03620 79452 52746 98762 96133
92222 07738 30111 38248 46744 85524 72194 50650 99838 12187
40258 08766 99614 58121 10570 90390 92342 16178 29883 16767
96618 16236 07034 04317 30756 05879 35101 69196 04325 51886
17577 51880 09801 42196 96966 53940 75243 93059 09282 04234
63948 91047 12838 96658 32009 24610 64813 66690 79728 84882
43995 98870 57810 40405 43159 82437 14282 15462 79509 57293
93067 26725 96625 17493 20166 57876 56355 64427 38362 76914
44077 26920 76408 25820 35785 90389 63619 37276 00428 02289
25814 58118 35938 46002 23537 84221 62387 00383 18515 36494
20714 27127 79261 56103 00000 +++++ +++++ +++++

11076/9164/7316 kHz, 18-08, 1015/1025/1035 UTC

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

11076/9164/7316 kHz, 21-08, 1015/1025/1035 UTC

91764 27498 49512 90013 38178 99664 97475 98601 19044 35675
88108 95573 48966 69145 25494 56398 41234 64459 38266 32818
43844 68644 57730 37194 72779 07484 17173 32808 03702 30553
95799 47309 07936 34876 55744 51490 15104 21868 45572 70585
38371 67283 68739 20278 23212 08830 40415 84596 05663 81145
81130 77894 90969 52832 20681 58107 88600 45219 10716 83452
64527 37561 69457 29787 96742 88345 06990 10792 44926 27399
04552 68170 70219 98484 46261 24068 66024 57071 26737 12867
85787 52976 83016 34584 78680 52544 24244 97021 69138 80075
57540 38882 41179 83174 33504 51028 13447 51715 59781 38072
15914 45105 56138 87486 04181 07538 49471 38423 72314 75919
32202 67419 50153 10164 32487 33197 96027 00533 69677 47725
20827 31718 93474 65736 04349 08347 30213 09897 89873 71601
84711 73798 67898 61642 71121 69977 84970 05515 71226 15140
38552 35234 43614 69773 43862 65732 32165 74356 83623 87361
47299 49316 76661 52626 18407 50966 26289 61846 40920 00571
34407 77436 66435 28748 92273 21482 09353 02398 83864 36301
68450 26324 62773 12689 86840 36764 88582 15520 98738 28996
33642 61407 36492 86207 96200 28089 96292 01835 80816 00253
86022 12540 31998 81464 03672 84014 31996 26906 19745 16815
98702 76591 62125 64395 44576 93768 26810 80536 82545 38177
62957 38364 89823 28859 05702 88121 65563 76210 55144 45917
43308 87956 24982 30605 44155 78740 09201 90999 81585 38010
40274 90609 53886 35897 37299 42085 85118 71773 67513 08550
00543 95164 69633 14020 47466 53717 12436 30096 97434 47905
87041 31102 90706 97164 56319 34883 08955 47134 09867 71420
87122 72700 97979 46476 00381 56539 43079 92439 87123 47814
52006 23574 93928 30758 77640 37838 53433 57796 03263 32479
31059 26902 48123 25590 01515 07893 17622 00800 41032 47325
46574 17306 46251 06700 08962 52417 15712 13651 92637 68814
54875 30812 62405 23694 90620 72045 59916 62001 06151 20723
13816 60933 32244 29741 58591 17894 55798 07971 85536 99095
31585 22809 74292 90996 08179 73539 78384 21753 03970 15181
63208 44879 94221 37505 19889 02304 95100 28927 03460 09009
55605 79936 68790 26433 93361 05776 02714 16840 35185 93040
75774 95822 48376 99889 62051 25148 73674 64564 00474 13113
95805 01887 96087 14616 12573 92440 84699 48113 88408 94113
09333 71669 03349 30687 81941 85264 33345 37171 28815 51565
22867 66557 43109 52345 35728 87688 92945 22725 95068 28933
58518 30440 48434 47341 96634 92318 18899 27980 56140 45144
28151 43131 92660 13107 02493 26041 56091 39026 97688 57409
00000 +++++ +++++ +++++

11076/9164/7316 kHz, 22-08, 1015/1025/1035 UTC

60157 33502 41084 87310 05150 78602 45685 97886 56350 28453
75417 05090 65834 47025 43080 12636 25792 38314 58860 97503
26361 54241 63598 45031 74876 09694 97709 62245 06248 53115
47926 80341 39126 66114 39065 82268 57563 90509 63001 16342
22848 06250 62036 81839 45200 08657 08848 97493 70024 58418
50209 88844 58394 02774 06665 55371 66467 91325 45353 03346
53507 34927 68159 55348 73214 81056 82384 72381 28040 04154
46132 49520 91176 34317 05576 71026 25913 72828 66318 35887
57039 67926 66017 89690 73987 49276 40467 23786 70406 44561
00327 27678 49837 26645 60680 05565 52203 64742 90612 92989
80775 58101 00000 00000 00000 00000 00000 00000 00000 00000

92514 60875 24923 36576 77900 54847 91228 56474 50034 32519
33639 83999 91085 85276 86792 55881 77455 33878 23208 53345
83414 65363 31577 62311 25840 75528 22890 72751 04768 90405
31568 53150 19423 65177 03822 60991 64430 83980 90387 75225
35889 09019 85854 61645 01993 52433 81758 07107 17895 69359
25634 83536 89496 95621 03212 27663 15843 78482 85942 47406

64833 73908 11050 90867 61903 08765 86280 38849 96395 31401
36557 06853 75289 99043 34705 67486 78974 59077 00000 +++++
+++++ +++++

11076/9164/7316 kHz, 23-08, 1015/1025/1035 UTC

94597 98140 12637 67763 75405 92533 92124 81641 21037 72122
98304 09091 17892 38708 64177 10111 15937 67003 62699 21430
33559 97647 15590 19295 65248 44373 72938 36261 59302 51280
43303 30424 57736 61136 78980 30531 15589 80659 46143 05407
41812 53698 34527 31140 28924 78271 86349 54450 63626 28389
49167 75691 35561 66590 82338 99923 86399 58151 71782 29479
66459 22880 32738 96479 91010 85460 05188 58729 13499 10251
71652 07421 57830 31511 52033 60097 76940 14963 55190 37312
29811 11644 91953 46404 94134 89981 79237 20854 56816 57027
89966 88631 49485 04786 28480 67996 21217 42584 36119 14165
65656 01413 56675 65306 44715 21174 16387 61283 76040 56776
98178 33587 76440 64021 14824 89903 78459 51207 10719 41742
62278 07396 46960 48571 70135 43271 49413 76894 95460 05543
24448 97703 63895 50814 72049 70752 48401 89861 50965 89080
85634 38270 75606 82229 85778 34336 49359 01589 53024 10216
64024 36307 58875 27213 20046 33211 35479 11178 47234 19158
81162 48934 30662 49274 95361 31683 71425 29507 85135 56313
36958 86932 10447 20565 80573 86251 60401 72968 34950 15918
77631 03519 09212 92329 73012 85998 44320 55527 97895 07907
06453 54834 66054 48917 23057 47868 42514 93812 91265 61382
41479 90828 13365 87347 00516 91343 38998 12733 23197 31858
18803 06416 07397 44189 99148 11+52 01406 04834 12689 17559
55078 59423 44390 08031 58179 83214 77745 11541 83122 63558
50845 00254 74304 15270 77000 11895 51189 64853 09608 92813
17366 64509 55933 85666 92745 21864 69516 10181 11084 56362
75873 10406 50032 18253 11181 66920 85894 31111 78650 97407
90271 43837 52250 94056 10796 03063 82491 71207 03128 81900
83941 21695 06422 25987 09171 05320 79418 02742 38809 17884
39387 64791 42406 14233 71075 63485 89771 83735 97870 73452
17507 01650 32357 14129 80382 04793 48450 79194 42277 64980
42307 09856 86354 58643 74189 72920 49158 56084 08468 29584
08334 78792 93971 05890 78631 98264 51838 00773 95921 74774
63089 92649 93864 59506 73087 30477 02953 08522 55080 20216
26609 81969 00014 42653 74010 26986 24807 63499 54350 67734
16259 21714 62206 50999 52801 06988 08709 20792 71263 62329
78203 20394 70844 72675 15083 45283 71483 25485 70486 95370
68805 54240 63549 99995 52846 00789 36888 14114 82725 57479
11014 09105 34468 75017 67360 06661 64156 46981 14608 29163
53606 06932 18001 65016 30743 99062 96336 72346 81878 08322
16322 69523 98062 60942 38977 85941 22717 31319 97778 71477
92708 16174 13229 88093 90085 61944 73538 31994 46628 56326
36111 59794 68435 19920 29510 17126 72704 58909 60610 93124
53918 64716 56607 60423 00000 +++++

11076/9164/7316 kHz, 24-08, 1015/1025/1035 UTC

23938 14692 28888 12780 75615 25847 78087 73830 95899 01141
17577 54649 58145 09668 79428 23571 18944 83972 49295 98486
90872 77542 22608 71569 84870 70436 01495 37612 70681 65252
43358 80669 28799 40613 97047 98680 92359 54357 87573 70777
02405 13629 35292 96948 24970 54039 20493 64758 03417 95114
29346 22802 44466 64182 42124 65587 61355 05918 49655 59529
22561 19711 08929 64746 79527 92061 73802 32343 71838 16177
61746 61071 00000 00000 00000 00000 00000 00000 00000 00000

42562 23720 17587 44129 71982 57495 93946 33940 14136 98881
79657 84807 22109 17392 17668 63393 63864 01051 64196 06240
74330 60617 28573 12706 88847 40535 46766 06359 18890 41318
12043 82021 56016 83043 11188 80635 14981 64648 39741 59161

51936 98711 94657 47668 18680 26416 67863 10834 38864 42371
89114 56016 17124 83984 91620 55098 17050 65077 98855 72289
68940 58419 55990 15072 93290 56881 54406 50478 50926 67886
22700 53891 55742 20851 82635 82545 10978 92300 93475 90928
54964 78349 33125 30260 27273 69226 89531 99245 91230 05552
60781 62091 00000 +++++

11076/9164/7316 kHz, 25-08, 1015/1025/1035 UTC

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

11076/9164/7316 kHz, 28-08, 1015/1025/1035 UTC

26071 41869 07624 72220 09197 63486 04174 89750 33153 76813
98583 00964 86510 37366 06789 52310 10372 69967 24463 54950
99488 18083 92446 05629 75353 53017 61479 04125 42199 97666
29701 34465 61844 44500 51332 02107 08329 72477 39991 44258
88265 92570 15074 55527 37858 76597 64637 96098 32515 49029
23226 74609 69993 46487 88078 22929 13026 74592 22146 05008
02345 16876 17369 27011 76067 75417 16645 40894 56356 47917
17919 58636 89304 70876 08854 19294 48987 83581 05487 76083
41598 92577 93342 95668 70638 41310 94417 86834 49060 14642
08485 00757 69335 32909 02144 70030 67361 15224 44076 78657
41158 16699 09919 80184 10283 69285 05204 06166 26915 80913
79812 32146 74523 72620 32359 93357 15082 58351 27957 67304
70750 97127 77807 65430 50972 72266 54032 01059 60909 77333
38205 25785 52173 13526 27011 51519 01774 28167 43468 00360
30225 49001 27155 49478 94754 93979 01885 63222 18546 61219
44250 29611 41951 28825 01489 43402 06617 19264 32104 02946
08457 07977 67671 12976 80407 80916 19284 10568 90913 70702
77051 56405 69060 26064 76114 58585 92319 94290 27592 21120
97816 21340 37914 34336 03080 99321 64966 49357 47195 16026
84490 03853 88310 86191 65177 91245 18426 69200 75883 90568
81400 02885 73422 99142 05129 08136 44353 35285 83806 43999
99212 03219 71239 17948 42627 37376 71115 81017 67739 68292
35194 62493 48389 77253 05344 23833 27488 31919 60356 36519
25021 20076 53496 13521 14113 23727 51697 49061 38599 00709
12369 46364 70545 66000 58725 38091 31132 89940 39601 29124
23369 55517 84665 16416 50054 41935 90987 65565 15432 26634
01891 48827 33969 22952 64024 74229 94713 95624 73599 60497
54640 21299 47719 37458 59447 86261 81745 76630 15233 38549
78643 81666 59481 36656 61221 93358 04808 61997 03239 88867
53897 87341 40281 79891 09064 18376 46371 39441 24883 50613
87227 11915 77327 08811 86134 86165 47841 61106 63336 36240
45796 25036 34907 59483 17762 07642 82036 66697 17032 46851
26654 04029 31839 46305 74345 11292 95702 20837 10485 46400
28338 94783 60539 30598 80573 20312 50455 94182 81709 07956
28093 27405 12750 86546 31624 66223 53960 34724 15850 67621
80170 51220 72355 54153 02271 56099 04460 32421 78345 40137
42878 15162 42859 04542 13054 01640 27356 58183 90083 96018
71099 64542 02176 68424 45088 55540 68586 88349 37890 54461
82960 85132 76730 75142 78025 15157 82271 89613 32566 40483
80516 81391 06623 48596 20290 26602 15852 67948 69712 70118
80982 58996 90119 88909 13307 85407 10863 59787 22148 95136
53424 63411 00000 +++++

11076/9164/7316 kHz, 29-08, 1015/1025/1035 UTC

18383 29595 48605 71405 14245 47939 15475 81405 42004 73087
60788 44800 37933 21644 18710 63149 38525 94491 60824 05192
16537 75812 84971 19771 89414 93922 13167 94184 54757 17355
65788 93876 32521 84641 04223 44406 18654 91220 59155 41656
79841 81912 86691 01184 44046 22396 19496 82683 66550 48127
05147 50475 76156 14144 48871 55971 31269 94170 02876 53050
40512 02499 69439 64063 00000 00000 00000 00000 00000 00000

58145 60030 73196 77996 23018 09219 50602 58942 80448 75417
54459 30751 43015 10457 63635 61263 92472 10880 74679 77441
59702 86435 88073 15364 68429 47429 88719 41409 34903 71855
25352 68073 40713 38251 18564 12848 20949 35214 52134 73603
34865 83511 27341 18919 11267 31733 84955 16784 85781 11407
24594 50121 72214 62537 76125 92559 35178 65474 02811 42905
56168 40087 40875 41731 10299 98142 05190 18543 95854 59857
15754 42946 83875 70538 24668 78245 79940 78264 48280 60942
15344 58539 34195 54527 09866 96850 17838 51042 73297 65083
48252 18825 37933 52710 87825 19889 39203 38715 15630 45364
86640 65101 00000 +++++

11076/9164/7316 kHz, 30-08, 1015/1025/1035 UTC

54113 63862 09261 56706 73050 62611 05161 28614 66689 32879
87017 45887 06938 96897 63320 04775 64332 75572 82531 63702
68099 30995 46328 71101 59769 16420 04561 83566 95759 48555
71005 88631 08998 15329 55940 91026 62200 29636 32530 54343
82158 51983 75177 06163 73743 27421 95877 72259 29281 45917
23641 31977 87386 67664 96501 83457 55258 27201 48609 90221
76889 81690 04573 78031 89470 35190 87272 81862 11646 09461
49956 95969 56881 01091 21140 34909 88554 36568 04707 53758
46122 98869 80804 45743 96694 46306 29006 67376 68844 67463
00534 92266 92419 99776 64878 21812 51579 09796 36631 14172
88287 11156 34369 53149 25875 52545 70746 05274 13010 07434
48749 08891 86850 18536 98640 72349 18946 91395 34710 38708
25852 71445 30276 49106 77665 59912 56070 94468 93256 80999
63713 14651 54083 52578 14353 93870 00967 56205 55954 17203
95421 91780 62631 01239 41994 26685 84443 53906 08224 48286
20701 34292 57713 53594 13745 23805 45976 52890 80699 04048
41892 66577 81597 17100 55714 10425 59851 24662 56576 80913
93587 27304 04052 49960 90740 84914 28189 56365 80571 72466
52649 81724 15177 01442 76786 03501 34553 71993 94689 88501
21749 49343 83507 39908 74650 38899 30299 52944 67176 14294
19552 48232 26634 35336 07770 04384 28087 99354 03044 38143
36882 87897 43202 36847 60767 58359 00361 23376 61634 96981
83002 60954 08614 91278 65213 97005 31239 58540 59562 56430
64887 90219 17352 02052 97791 63176 71787 24463 78110 64225
20735 18052 23949 40833 01270 84869 48649 80482 71070 03000
19490 03949 76353 53947 24013 57071 27385 57414 98756 97847
05804 89147 21180 76813 70299 05989 20684 21136 44643 27494
66643 29856 88184 74136 10887 14715 19614 89732 40907 82628
95238 27944 81622 08056 83632 13403 72029 71213 41767 75842
45932 65687 99704 00359 85706 55234 16460 07311 12021 69683
45485 11224 64517 69406 11599 09922 20298 23304 47900 90091
79541 51743 32903 39724 55112 42657 33368 13128 04986 40006
88992 08197 35422 05607 78084 77031 13244 04925 17970 68579
22443 16526 22672 83026 89358 71626 32956 92402 41075 49528
90291 68409 31145 00320 10025 42328 07063 79861 43654 06895
59958 88639 81430 60047 07942 34169 01227 71394 79572 10628
95728 79898 41061 65127 50429 92425 93843 59785 01210 78100
29301 61728 93754 92661 02463 55158 28315 90448 63566 86286
34955 41552 87084 41262 50072 16699 83966 50937 76653 71252
86210 52613 63951 49137 20111 58992 33601 00170 97470 17047
68439 53566 78305 13714 32318 73047 32906 66407 00000 +++++

11076/9164/7316 kHz, 31-08, 1015/1025/1035 UTC

07869 01405 28237 15901 35435 32666 09018 28815 78150 02486
66974 01049 42502 94742 53689 26530 53177 83136 64014 86234
23637 52821 87946 26313 40461 90872 06739 57395 53650 06546
37936 98531 90072 67258 59027 14198 32238 61227 64400 17806
29602 22712 35277 40152 34565 80780 27333 86249 80374 17561
05676 28977 43103 46895 81875 12971 54904 49345 32731 67223
60715 24476 05466 49802 35612 46372 39036 73135 04992 33311

56235 83302 34780 67073 00000 00000 00000 00000 00000 00000

26659 81001 63205 69355 14290 27362 47258 07050 70661 52539
08789 88130 19287 92145 91062 29981 27329 58236 10582 71237
43605 48094 94747 28860 27705 08576 97357 44374 24917 29470
59122 55193 66629 64288 05389 51995 00925 01941 98259 08054
83018 37723 85287 91492 80262 17065 11955 96382 71383 50462
90087 53622 44640 23042 39439 07545 24606 47192 44582 69183
82242 31698 94339 82134 07964 65816 95908 61954 52380 41732
80888 95030 64399 63826 45386 07865 81385 18205 91388 42699
51047 00914 61600 00430 89761 28284 84917 36747 07005 77844
74739 22427 50583 33236 47295 03731 52358 68097 00000 +++++

F06 – FSK 200/1000

Link 00000

9923/7369 kHz, 01-08, 0800/0810 UTC

11100 00000 45721 28098 01279
92936 20982 98139 79655 46161 99812 31142 15370 60563 62594
57008 95011 62963 58731 74297 44065 19232 84841 77402 66022
79429 29185 72444 90574 62488 13844 81920 65642 60140 33097
30326 54199 64766 11422 27909 21813 50858 29559 94758 25849
64788 92088 92421 42268 02554 34941 55213 90968 80213 96289
38432 45586 26676 99261 25655 38721 53538 19898 62295 98496
81676 38808 07628 77416 29241 99953 22454 59435 90784 24998
34594 56191 62180 56658 49407 28345 91029 29501 97512 92937
57248 91614 36913 02737 13514 25602 51684 08484 40265 42321
14455 39990 94937 45823 04829 67022 60128 92913 00953 25906
20370 95785 86426 22793 22210 41155 39720 49518 97274 24333
98304 73008 53009 21683 14678 84141 60782 49892 46468 17037
96044 85495 47813 74678 10216 98125 00000

Link 10053

20917/17529/15765 kHz, 01-08, 1650/1700/1710 UTC

11166 10053 49236 01001 00049 00000 00000 00000 00000

20917/17529/15765 kHz, 08-08, 1650/1700/1710 UTC

11166 10053 24851 08001 00049 00000 00000 00000 00000

20917/17529/15765 kHz, 15-08, 1650/1700/1710 UTC

11166 10053 98765 15001 00049 00000 00000 00000 00000

20917/17529/15765 kHz, 22-08, 1650/1700/1710 UTC

11166 10053 71394 22001 00049 00000 00000 00000 00000

20917/17529/15765 kHz, 29-08, 1650/1700/1710 UTC

11166 10053 94376 29001 00049 00000 00000 00000 00000

22913/18241/17455 kHz, 06-08, 1530/1540/1550 UTC

11166 10053 74963 06001 00049 00000 00000 00000 00000

22913/18241/17455 kHz, 13-08, 1530/1540/1550 UTC

11166 10053 38167 13001 00049 00000 00000 00000 00000

22913/18241/17455 kHz, 20-08, 1530/1540/1550 UTC

11166 10053 12457 20001 00049 00000 00000 00000 00000

22913/18241/17455 kHz, 27-08, 1530/1540/1550 UTC

11166 10053 17935 27001 00049 00000 00000 00000 00000

Link 30154

16186/13969 kHz, 01-08, 1240/1250 UTC
11166 30154 12365 01010 00049 00000 00000 00000 00000

16186/13969 kHz, 08-08, 1240/1250 UTC
11166 30154 37512 08371 00049 00000 00000 00000 00000

16186/13969 kHz, 15-08, 1240/1250 UTC
11166 30154 17852 15025 00049 00000 00000 00000 00000

20655/16186/13969 kHz, 29-08, 1230/1240/1250 UTC
11166 30154 25896 29031 00049 00000 00000 00000 00000

Link 40023

20355/15665/14378 kHz, 09-08, 0915/0930/0945 UTC
11166 40023 24975 09001 00049 00000 00000 00000 00000

20355/15665/14378 kHz, 23-08, 0915/0930/0945 UTC
11166 40023 12345 23001 00049 00000 00000 00000 00000

Link 40122

16346/14847/12223 kHz, 02-08/03-08, 0600/0610/0620 UTC
11166 40122 67485 29066 03469
08705 98276 31596 80392 34933 83098 39633 17859 96858 06599
31096 67941 25846 18158 90660 17862 52227 15504 12307 39245
17793 00927 49160 81105 59480 93457 43133 61756 87683 14190
20271 89340 07639 86931 62774 65654 57305 21379 93608 52961
60193 70994 34655 08489 16567 82781 24326 16277 81469 81143
05604 71085 02993 53004 20412 94038 19248 26395 71284 84691
37459 59680 36249 39213 43627 83616 47874 89370 16194 63433
72415 42002 42147 73116 49993 23658 59012 99088 81744 60119
71149 15475 74886 45453 13814 98131 81624 80313 63400 69635
92850 84170 17322 92419 72556 11142 91952 52236 43915 24139
12075 99143 62955 06990 90267 38198 40772 19248 19673 87039
00209 23352 28580 42561 77955 38848 70264 23847 07982 03347
46515 83568 47271 44898 88293 05023 29766 95496 41956 27006
59477 00365 34487 63701 78691 02749 16163 11783 72211 08869
04103 61903 93574 62748 75134 56772 24173 85585 81414 62999
01229 59364 87233 48894 75551 59393 50460 85418 85016 65457
97045 12455 54706 06270 62032 37613 59651 16911 95503 59728
11098 13945 56918 34265 52258 17898 46250 22795 74465 77791
45395 93748 89674 77408 68256 66626 20256 27984 42970 16845
92003 77019 74688 83424 41308 87886 62373 46695 72424 69924
68025 68203 25778 63710 61799 10019 43240 11199 91427 75625
41319 65405 49402 39571 28188 19331 36350 58090 25514 58812
44033 77854 80991 68988 06415 85069 82551 49060 92235 62079
10163 15048 37524 43690 86161 95215 41488 90375 10064 47865
74227 20575 88785 56178 69693 69253 98204 79798 02343 64924
37015 67833 70922 42313 58801 62982 37819 32854 93268 51448
97409 00208 92580 38353 71857 12983 63719 53320 57787 71854
72832 15920 72274 33265 32476 15674 71587 96892 07718 86287
41123 49078 02015 78814 79974 79396 08821 63433 28556 12559
39853 14521 12745 22836 65954 58725 02948 23189 31488 90697
11565 46290 28215 86201 77256 59631 39568 67269 09467 81901
91286 99090 91644 92815 69326 23335 66585 53595 90998 57583
52345 80274 40262 15561 62155 37032 03124 27860 26779 41728
64064 67833 42750 00828 49440 12360 94921 15922 28798 92152
26777 29005 10032 11310 66344 00000

16346/14847/12223 kHz, 09-08/10-08, 0600/0610/0620 UTC

11166 40122 14785 05067 03019
49825 67016 16670 41061 56856 96061 73445 93134 10441 91289
92254 31304 75710 58796 80805 55217 31451 70230 60886 66571
24889 30435 75345 47738 83589 30740 23285 81516 32939 30082
34424 66670 92621 31148 18555 08970 50534 43720 51032 92394
37593 52421 80240 60210 51840 31040 67969 60592 05319 70625
98632 36487 92129 13535 18278 64400 01125 10636 89317 71797
21657 43828 71918 87804 15843 81097 67988 06904 55765 56265
88701 70291 49049 90640 31494 94614 01262 98747 77469 02745
88559 45334 45150 36301 39032 45818 61521 54592 46171 27402
36287 49674 62907 92996 50296 32209 49653 55183 94058 67810
74780 32368 17302 68563 90988 24343 75495 69416 35975 09417
84292 44112 30870 30329 17812 40364 74861 61111 11705 38955
59439 72091 56955 66455 50723 35243 95327 16229 13278 37036
52418 57447 73878 91010 69241 36757 48653 67236 18287 02330
82041 80855 14991 04949 71007 06899 60548 55843 72943 13551
77018 45945 20702 31070 20646 56256 93196 98531 84344 14022
15007 55597 25282 74387 83417 71485 78492 32234 46347 28343
42473 93877 79586 01189 47675 63315 36791 01641 43857 22716
70669 77588 67217 11828 48793 86012 73244 36011 12484 81142
46240 57558 52190 85123 21425 50015 97818 33402 80591 20168
47437 11995 07222 27399 82795 28850 12022 55091 45103 86467
64795 13773 69491 47987 93615 80683 01614 13911 37201 05461
44803 51666 61472 36620 11242 45182 76188 48526 75566 56677
12634 73543 54352 17840 48263 69042 59919 92587 89267 73963
01889 78603 46985 34616 34925 39823 69092 04405 76121 87066
11526 47164 40435 49007 62058 98803 67638 00654 51474 66931
39206 41545 13280 73160 08584 40835 77889 67771 93269 91460
12214 71434 02155 40584 40607 23663 96548 88483 08088 42695
08341 73094 71792 26488 63722 82381 31581 49515 85916 61731
35745 35052 75347 08549 22752 07629 90686 71251 84955 67299
00000

11166 40122 14725 05068 02359
79220 94842 65223 56818 29971 80259 22409 52140 48001 49670
26607 63071 73356 34921 70137 91613 93071 31317 05184 51977
19680 83919 44029 15522 34661 98545 82834 73371 20277 94672
34880 46397 28210 42419 84221 97240 58471 50791 95697 24089
46985 99394 42214 40865 85316 30787 35260 73535 20951 45657
69573 27220 11590 68037 17915 03787 31882 72705 36874 74625
56034 91995 69640 38281 64736 44186 56695 17641 49848 50652
90344 76361 15267 33984 74039 59216 97431 14244 72420 86059
53890 45554 63018 54090 93373 60214 25556 28108 45806 12510
29782 23438 95700 39428 07782 11224 27363 80454 21695 00771
55361 23631 62781 78624 38673 70076 42772 09081 01975 34157
63443 25804 12484 21475 75351 69245 85820 51893 61664 49557
19293 19753 08029 39671 76079 08492 44408 28252 68713 01848
69834 87193 15329 58825 96005 33355 67094 44622 70666 89225
30281 34703 66714 72199 31388 34198 47966 67155 98779 79830
47518 62017 59262 16542 19649 50997 73037 66018 51186 35202
55474 29299 43288 75286 59133 90646 99574 75843 14483 14885
81538 06230 52749 55372 17183 87491 59319 14815 73818 00104
31166 26093 30957 92185 36699 45296 14242 92902 01505 74155
76346 60724 68396 54057 35794 21238 05220 98819 09609 74193
58855 58439 00766 74485 78838 30967 26359 16735 59059 64729
97427 78183 70954 18061 86381 99570 86649 68747 42964 08685
15473 90361 44682 16281 02291 37682 92652 39049 61096 08382
88790 29321 42286 68233 00000

16346/14847/12223 kHz, 16-08, 0600/0610/0620 UTC

11166 40122 25894 16082 00049 00000 00000 00000 00000

16346/14847/12223 kHz, 23-08/24-08, 0600/0610/0620 UTC

11166 40122 64831 19069 03239

84264 29810 40952 00679 79083 93424 19015 52943 60221 48479
92602 69775 75458 13163 24022 94516 75562 86589 10285 94423
82827 85291 34320 60492 08946 26294 49103 71830 95622 23961
30625 04271 76389 92794 60653 87905 83038 73383 25207 43244
45135 23678 39702 50659 56021 42790 36687 32827 03772 19499
77115 54849 90517 22646 71094 71724 88597 75620 19039 77882
06958 82106 09174 38455 66241 95295 32326 06964 06008 47733
99934 59131 72524 84006 76221 97488 60552 63448 60462 06474
07583 25048 80287 62699 63944 31753 81965 30092 87232 36364
28584 94576 34491 36184 42088 18003 50586 08638 50099 15994
76202 45025 23459 89408 23920 24618 15430 64109 95777 96266
38499 18715 40792 59717 39709 05023 75850 63821 60473 90808
18412 63836 91787 79664 04480 04980 60801 87579 90250 24458
09663 80950 60895 89124 52602 05696 94913 10981 22158 62179
57484 07690 40511 05622 21260 00302 76853 76679 38039 65372
76724 91898 09761 83658 74264 48709 32244 52593 23308 24663
10125 54709 08271 75601 66422 99209 20753 62423 95163 78871
12801 61168 30526 09472 62777 36079 30905 43910 14755 80344
01378 78238 77385 54200 02966 91766 93187 75087 22165 88435
14168 39544 99162 31653 44739 81526 38180 89768 37857 96835
48386 34383 55314 88358 88813 58680 28136 11785 15714 07959
78009 26502 55795 39566 85686 81362 53776 54407 17296 89988
67688 67231 44500 75326 10379 07866 19447 88116 60630 70604
90428 28989 92363 53919 69217 28846 95324 57697 85988 67246
85730 30183 92778 33451 30284 81814 01421 59848 32005 08142
66889 82414 51322 89016 51989 07924 60849 56236 34333 92577
57296 46832 41539 61751 78937 84194 25593 25539 02098 54213
12300 69786 15066 68624 86783 27303 92897 32753 00943 58932
21526 59841 13831 99178 44635 99141 00880 46065 31717 69963
92902 99925 90761 18879 30826 80803 74014 42240 47083 79155
50233 41236 09597 19539 41891 01641 89308 41980 50752 15467
37169 30702 20277 86692 81546 44907 08260 88266 81980 31291
68182 69321 00000

16346/14847/12223 kHz, 30-08/31-08, 0600/0610/0620 UTC

11166 40122 94371 26070 03799

94790 89739 61025 72848 97329 13584 24174 49146 86178 17588
57733 58367 08075 49277 43547 05807 44837 69486 19452 23980
50717 82844 50460 22299 69528 67185 94575 09894 17505 31581
11671 33767 42813 57659 88876 99463 97666 03927 80903 66451
83974 77756 88748 35397 58461 04741 25217 69521 08201 50099
40697 17224 32489 71819 07627 28165 92014 10230 87086 79998
11241 43676 25967 57922 44953 65011 58127 54267 44904 58560
08010 80272 87495 82273 20120 07276 48423 84732 62832 79468
35246 11714 79947 65432 13793 81988 88435 40625 89360 37045
45817 18016 28625 94430 35606 69051 33228 59390 44253 02140
00946 74493 28040 90841 35401 11938 93339 68961 90249 38216
38706 34708 58772 05835 32209 31142 44812 51766 22464 95065
76006 07336 06790 91561 45233 49212 04933 76369 91220 46205
11794 53274 54253 81547 27603 18704 67913 55360 88961 10724
72798 96965 49212 04613 63142 41773 81553 22203 02291 52381
03354 47188 67956 88619 45090 63563 13202 56202 12352 59406
54075 88674 14350 63176 19856 42358 57370 04716 26818 08963
26603 18149 61485 75569 04787 28867 84282 86657 01112 91775
89538 87873 88806 73005 82776 56226 74866 92259 61228 46394
50332 68003 08498 07833 94583 32664 39341 52370 32075 10046
55461 76983 64942 72130 98291 71426 29930 17469 09680 65425
53078 38335 36425 95095 00589 68843 39596 93296 49329 31204

94573 33594 25404 22313 92757 82523 84222 07867 80861 39845
30515 16177 98752 71468 01721 48878 01759 64750 63204 50728
78384 60829 88711 05668 99383 43715 24526 51341 59103 90787
60751 29260 95063 14422 58162 12803 96686 49406 04056 80228
39132 65852 95547 24903 03166 12281 73744 19913 66991 18564
57234 79268 81010 13433 48331 82872 61410 36208 10509 57448
63554 47464 40467 30606 21082 68306 83260 00251 61677 02950
63932 86504 35430 24278 34095 58331 16733 27092 56878 52067
65658 78706 78706 24023 59731 21612 61319 04361 32063 07865
72491 44428 76763 69906 58876 74731 07580 57493 49418 15750
80687 95437 62767 08762 17593 41818 17141 58881 89053 51388
66052 07489 45989 73826 08370 76240 08286 41556 46121 49857
47462 26790 88487 89855 24110 72506 25438 96437 66066 27038
19416 60701 98236 36964 88537 74381 60023 77982 79731 89284
71286 28468 55258 43634 32775 15388 41037 97817 19738 72671
02434 43987 02909 38980 05769 16203 25347 03770 00000

11166 40122 86491 26071 02029
84616 04810 70096 06824 10405 95437 18279 56055 63686 25092
20976 32587 16153 09443 17550 13276 27373 97664 85583 19618
47658 30559 50255 58332 89793 42918 14895 67923 30540 14812
36175 88366 27866 01489 92366 96144 64837 96578 18095 71790
56107 08282 04047 92142 77939 53235 85043 64497 07699 97743
64944 44834 83765 01057 51790 07323 21781 40389 01649 57276
48193 22363 94584 04757 37013 10569 91193 41006 60740 23919
43148 84903 91377 85497 56175 91623 12492 26582 28919 40693
28234 75526 16120 45628 80281 86200 89542 52341 08622 85664
95101 18506 17122 45766 29613 91061 29821 08356 85608 24062
48882 18804 37665 04026 50148 47499 68659 75010 77219 04030
59419 80573 20019 73723 90172 64811 88757 31242 27271 99676
19250 10911 93582 30749 70517 38475 46034 58647 00611 53970
08705 98276 31596 80392 34933 83098 39633 17859 96858 06599
31096 67941 25846 18158 90660 17862 52227 15504 12307 39245
17793 00927 49160 81105 59480 93457 43133 61756 87683 14190
20271 89340 07639 86931 62774 65654 57305 21379 93608 52961
60193 70994 34655 08489 16567 82781 24326 16277 81469 81143
05604 71085 02993 53004 20412 94038 19248 26395 71284 84691
37459 59680 36249 39213 43627 83616 47874 89370 16194 63433
71200 00000

Link 60070

12208/10166/9237 kHz, 08-08, 0030/0040/0050 UTC

11166 60070 12467 08089 00049 00000 00000 00000 00000

12208/10166/9237 kHz, 15-08, 0030/0040/0050 UTC

11166 60070 94638 15001 00049 00000 00000 00000 00000

12208/10166/9237 kHz, 22-08, 0030/0040/0050 UTC

11166 60070 54231 22001 00049 00000 00000 00000 00000

12208/10166/9237 kHz, 29-08, 0030/0040/0050 UTC

11166 60070 52391 29001 00049 00000 00000 00000 00000

Link 70059

10263/8126/6888 kHz, 07-08, 0400/0410/0420 UTC

11166 70059 98124 07001 00049 00000 00000 00000 00000

10263/8126/6888 kHz, 21-08, 0400/0410/0420 UTC

11166 70059 12457 21001 00049 00000 00000 00000 00000

11076/9053/7386 kHz, 01-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 01-08, 1200/1210/1220 UTC

11166 70202 85376 31077 01979
97503 40934 35031 94651 91094 28906 83685 47365 12879 49059
52730 33247 55839 13457 21935 37040 34284 47496 82667 43931
02681 69847 30633 93962 59967 28479 51991 99364 46200 43884
99686 36974 25257 17728 87357 53865 28456 09169 78132 91810
78553 27247 81470 68518 11720 29297 69865 16215 29970 46876
88586 30899 18294 59050 54422 97208 53772 52407 45441 06499
42697 29382 82435 73169 76061 05766 22218 29027 58367 48850
15789 70554 67776 25957 01252 81776 58067 43784 51767 84711
37784 83116 43126 07105 77862 31703 04027 72237 89369 72207
87530 60374 58796 99198 51373 35124 96242 08815 35208 33541
71916 55097 80852 30559 86530 34754 46201 04252 48425 03152
30555 96365 15633 24895 44716 29836 38541 73374 56088 15740
34352 58273 95435 85010 48744 52947 69667 03439 00046 07505
95239 31053 08990 14745 32756 75971 19613 90750 54722 57724
12161 14190 23098 59525 40400 01579 04025 57621 64252 82028
81729 41229 83931 95452 66631 67398 72920 32365 24383 01263
32526 81598 47090 04402 50579 81758 30210 08120 75469 87921
76925 44521 90585 09565 62944 61107 31141 95942 14661 27854
00469 08716 98962 19915 99140 21595 84357 42964 41897 99118
58836 97749 09744 93004 96319 77195 00000

11166 70202 35241 31078 01799

97141 46597 46283 66891 21345 26098 93932 35053 92063 74203
77604 74955 02174 02442 57698 92333 87993 89110 36183 36610
05887 73606 78627 51146 85511 32035 43720 63841 74135 64318
25390 83024 28458 73659 44877 44790 62813 30908 46584 05470
38982 53860 16578 30352 11189 67997 29833 63718 08542 71613
99119 63443 70631 21187 16465 12128 39166 55748 81692 60554
92501 44096 43826 16102 94715 14192 13357 74244 46948 51171
22385 94723 90986 26398 89005 92391 99469 14224 19931 77949
37994 73157 73137 81782 35606 88307 96145 72044 84409 58265
68404 62142 83500 57019 05923 61565 72146 11996 26383 71139
10354 26121 59928 02046 13431 18657 40894 49458 29018 91340
88223 43497 96660 54102 12855 47418 47957 73912 32845 41814
28447 73363 67537 76385 07281 15221 45917 62450 64842 56410
89162 98422 33830 49276 07894 22833 48648 11107 41220 46006
55080 46412 18512 72669 35454 81908 30670 52332 91416 03405
79842 11211 77056 79703 98406 56348 80216 26118 11026 44130
72803 12817 29571 73976 80521 43002 48744 25063 49863 54094
38401 78016 54457 00576 13417 05721 08217 78177 00000

11076/9053/7386 kHz, 02-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 02-08, 1200/1210/1220 UTC

11166 70202 98451 01079 02439
87954 31291 63147 08772 45972 89199 75686 05878 00727 94949
93521 86481 90858 31076 50986 05520 82432 59802 93740 39033
69291 93590 75281 85426 73129 64225 46114 30116 60453 76375
65296 21985 18621 56561 89032 35095 58159 33467 16005 14096
33536 10549 94125 26752 99566 16854 18411 72046 45670 47005
74650 17281 75131 26285 08566 62621 21572 61750 25146 56526
19825 65325 47846 10476 73375 59794 92332 86478 85590 03658
34475 55747 46888 95758 77255 52016 95059 45641 46295 67924
90925 20563 68685 67896 76506 05111 14795 15968 07901 34349
07769 41995 80062 86438 30377 94671 85654 45666 83923 54805
75177 71830 78887 07284 10547 36896 61990 95172 29329 14888
09385 04375 61790 35933 40629 52294 67984 40409 33166 78949
87034 94118 41965 63953 15813 50445 54038 17821 59205 70414
32494 21019 19142 36604 29844 09222 14588 21837 75224 28182

49675 98603 65233 06676 72166 00135 13077 20951 89445 69080
35688 49112 34205 54718 83536 38893 97033 44639 42792 37235
68086 41840 64546 55127 55023 23163 00762 66137 69399 40025
51660 62065 98713 47364 54212 14172 06272 71749 66436 13404
26083 54589 27183 88065 44957 31370 96091 22368 88996 32875
03415 24289 56672 19305 64393 16201 65668 83253 37868 46671
05682 82462 33815 46910 14372 88303 99499 80268 18635 60920
38928 58255 08402 86961 45285 21482 35148 40859 51054 08994
52285 55569 25492 64421 39647 13734 74162 52371 79240 95181
20203 83526 74448 41714 72019 71863 29890 25123 07092 72434
34096 79241 00000

11076/9053/7386 kHz, 03-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 03-08, 1200/1210/1220 UTC

11166 70202 79462 02080 01839
57773 05134 61595 99648 80874 27954 23888 10181 19394 02474
69298 17195 33873 69858 70908 97410 39427 38272 07506 09583
28929 42566 80763 74160 40047 23203 28612 33898 27063 29105
58241 12619 23414 74122 47173 14300 05901 01792 85825 29685
96480 38094 60031 42603 62609 36880 96928 53176 02045 47661
22673 60117 23069 60457 05394 69289 56053 07370 81853 20731
57308 25596 91228 51314 91159 11543 64460 35247 01183 20751
42604 69589 06529 93302 22630 96972 84302 09407 54091 82720
23889 04846 35118 88548 64214 00977 81158 10033 49837 28966
64914 70039 66832 52953 50909 85290 44396 21826 73110 48271
33112 04301 29076 91650 95814 86983 89016 27412 71986 40113
43263 77877 01629 80663 36529 40812 19543 87502 62440 55803
55959 48281 16749 64088 04451 42755 32680 79038 43071 92215
46844 09462 19647 29725 69153 02935 37177 70834 55176 01340
00260 89484 04374 25792 08493 28764 32656 33156 07790 01223
92683 11323 35538 58419 40369 05454 20543 34395 71002 92360
23697 92767 73441 45224 30307 32117 75814 55824 30019 29363
81153 06489 45280 25819 16414 08925 94273 85610 43309 52139
99256 80181 00000

11166 70202 85241 02081 01939
93723 34819 61020 08351 15222 68665 96302 86407 70666 56367
10526 52799 62498 32363 62089 05553 85994 73796 15497 36101
17935 37596 95497 43762 07713 09759 02271 55382 94316 84032
73575 79844 97633 12178 04812 52136 57509 93001 62932 46642
18991 92341 55136 64373 87206 11205 38287 23804 00308 44231
79991 10014 93915 95678 07274 61811 55512 45113 03788 01543
92204 79999 41500 37251 60310 37368 57780 91903 30192 21753
13847 39337 84793 91586 95491 51648 75289 31240 42027 87684
82315 50895 14399 77338 56193 81436 38388 81334 34603 56548
83857 31187 61129 99208 65965 79025 53126 54763 79287 11965
92339 37770 00793 10721 36714 84802 22597 57143 76833 30394
00448 20375 85424 48316 28863 76294 33369 25377 78866 39964
70655 59923 59264 15740 95704 02243 87390 94755 61519 79046
80260 54449 92084 69212 02077 39833 07457 23003 29017 31188
80985 41908 17247 27869 77101 61336 85090 02916 43106 03316
45299 08148 53403 91405 48355 34436 29611 44999 22755 56840
84989 95216 23186 19294 66620 89556 22570 38528 93784 77512
08881 31923 15957 94333 72686 98972 38879 85109 96350 11047
92130 36385 80836 89144 36643 07478 71040 74324 35590 78684
65600 81191 00000

11076/9053/7386 kHz, 04-08, 0700/0710/0720 UTC

11166 70202 65298 04035 00049 00000 00000 00000 00000

11076/9053/7386 kHz, 07-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 07-08, 1200/1210/1220 UTC

11166 70202 49283 04082 02379

02136 08076 13723 31181 37079 47025 61166 89596 23706 95787
97481 05472 33477 91041 77916 89309 65163 32966 09980 86723
62246 90993 75962 59835 63619 76068 87989 31254 67278 77851
67773 51609 11686 90296 68262 76538 04504 74047 79374 64098
53370 29090 84994 28516 78419 76091 63435 11227 13627 69870
48536 55141 09863 93438 93600 93059 44755 06034 05349 86194
35032 43608 40079 73727 40048 95187 79222 19331 35763 03548
26481 65612 30688 63649 93733 32390 01050 17254 67900 19772
49899 67184 75952 01945 19819 59635 90252 22625 13944 08001
41412 28111 04956 56634 30862 98872 36769 07991 60312 65601
48571 61589 20296 20687 75910 38222 04983 61028 08533 87857
45450 23136 09635 04680 78595 96457 26235 97677 93885 25862
45342 90259 25123 39219 75618 47289 79416 61017 59211 53011
20552 97954 43452 88296 48942 07437 67103 80628 45343 84924
40848 25293 70535 31071 26702 01192 38140 84567 46040 29722
02778 31667 70921 50160 30735 28295 78406 09993 45348 95696
72548 93615 64275 75557 03743 37856 70853 55535 40140 07752
86724 01140 70783 31013 37919 54893 45179 14620 31578 88720
78979 91984 85521 20495 80464 74116 77818 30678 77516 03231
08578 40007 49764 32232 91128 34140 95594 78517 14779 46221
88712 25536 46353 33292 03945 70531 62676 07482 16959 41923
31211 07931 07609 34747 81018 24365 21567 37605 31251 08271
69957 49549 69336 32609 71658 10353 96068 85995 67968 92593
79777 12296 64321 28988 86764 82235 00000

11076/9053/7386 kHz, 08-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 08-08, 1200/1210/1220 UTC

11166 70202 95628 07083 01839

02412 77860 00805 88090 32681 48142 71400 59580 95468 52741
67518 04898 41328 56408 47845 67171 09305 46441 84194 57101
86089 97178 27735 02863 49243 54910 77265 10250 61706 79126
29240 31523 09749 01059 14207 66375 01576 85442 49368 43469
68763 06435 61939 55979 37708 73639 62991 49576 63293 69155
76477 86282 41939 81607 53115 32655 46245 48085 23826 45711
48391 39921 72407 55057 24509 53267 32132 64639 57183 90386
35965 22555 78298 42603 75077 32384 19394 10855 45345 04447
61734 24780 86533 70447 03271 46272 43833 09933 84680 68453
06456 62006 41689 45986 02967 20729 75830 17676 58034 37655
60868 07298 40310 79931 27041 13576 56090 17400 90328 25269
68479 37141 18924 22287 46724 08899 54103 48777 75412 49822
27675 69129 78219 61955 43198 42819 35896 40926 13164 79040
03182 79258 69307 57063 54334 12755 88269 23249 11948 83378
99766 00660 38777 17080 69467 72211 97223 40004 73770 23291
06192 81509 08661 54788 49992 37441 99831 02477 18986 92102
06272 23674 86654 22348 34490 37131 52780 32243 05576 27077
07433 91732 42276 47365 95435 77748 68284 86649 86016 41193
36920 83181 00000

11166 70202 13457 07084 01679

03215 49086 59149 71706 64284 94033 91550 20391 82792 70494
35931 65072 82113 56736 65630 57489 21119 22978 86021 70862
72716 42814 85352 22881 82556 05506 89996 20669 37607 77604
66270 38662 99273 87313 36032 65328 80768 30054 98233 79673
73391 18650 73612 43474 51433 26586 14726 20171 10379 97766
48494 56347 18098 21218 43454 86763 83706 94163 18913 48843
73803 21928 38176 17588 30743 28079 53049 96823 72658 73274
91794 27743 79902 06230 07736 00666 97607 95258 30690 80962
09042 13808 88422 85071 59458 78446 90306 67552 35114 62719
90381 05118 27157 35332 71987 88564 35062 96077 21173 58564
89305 07960 81060 46229 97967 48946 04353 04408 46942 31785

46177 40635 08453 65328 64438 87686 37559 55795 19895 72658
61326 71414 93112 70532 90378 18879 60515 53141 07481 05067
96690 69482 12877 82437 95168 18323 31042 01570 24829 99023
08556 19258 64151 51519 57770 35616 80483 21406 25970 58625
46511 11053 94704 19552 11127 02695 38993 87692 66881 64431
01064 57866 81202 75073 58348 84165 00000

11076/9053/7386 kHz, 09-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 09-08, 1200/1210/1220 UTC

11166 70202 36974 08085 02339
11251 69003 52542 83282 23165 83068 58138 01581 36069 03777
88223 12755 35813 22558 85859 36681 19612 89628 97807 60555
65404 79512 95881 14417 53252 16816 99574 53034 18488 60695
92141 05061 41282 71451 47328 75431 02326 07692 08929 11900
59314 27496 90365 71687 23918 92023 86473 49162 43929 94999
14682 50492 20274 66518 27777 26203 13574 24596 65434 97594
19941 72924 36706 37929 20710 68243 50653 94354 35771 05783
37319 61478 35212 96214 26202 42547 88947 32537 74459 59153
59018 70343 61987 95419 64261 69906 95589 87595 72024 73513
89420 94994 96627 16500 13876 13223 09238 95402 30132 15626
88867 41686 52523 33900 69170 74472 05926 13800 60723 30708
70363 06876 53490 96214 29995 84193 29139 86051 68692 82957
37920 47638 79383 21981 19777 85060 79352 46945 74384 28015
48691 91381 09798 93807 34070 64308 24409 15871 85041 00471
01881 37209 15042 34115 23768 92229 04290 82231 29495 25391
86770 48214 78384 20101 88482 81860 93428 36309 09150 56663
91477 80227 64570 50321 29555 54615 31802 39409 21960 63073
64368 44151 07865 66772 69664 84218 74088 17068 65767 31513
62730 12424 59820 70852 18359 53098 15194 04504 54435 92011
99592 61504 43661 05252 31322 97705 61946 30640 65873 97472
40670 47805 90035 12991 06936 98195 15712 02095 16498 68471
90634 50580 09056 85713 68153 89923 40594 97886 03303 46344
72463 37995 67319 82159 21889 95359 97810 15358 03589 42474
26749 85231 00000

11076/9053/7386 kHz, 10-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 10-08, 1200/1210/1220 UTC

11166 70202 83451 09086 01859
24193 99687 17033 17107 79168 97661 54697 06016 34741 71194
03357 67484 98854 05205 88562 09032 82909 00708 10485 81968
70771 88627 56720 64199 26552 37454 84344 89223 33353 15690
75887 44762 80143 95017 98921 89451 38980 05131 23949 61035
99740 76152 80283 74511 54566 29603 54599 33641 49198 03831
61851 04288 43394 24853 43242 23002 47622 58552 70926 39302
28199 05148 64142 15084 98086 21896 46459 29588 35508 84953
98819 63388 97592 26327 88076 59802 21223 06871 75701 87195
28279 11249 36355 50594 77459 75809 41016 26054 29882 85309
84340 16223 20630 99420 60948 50525 53450 94958 20326 78423
60782 34774 55029 29174 96301 99244 01873 36528 52181 41292
60793 51812 18236 50879 61083 93825 25152 39922 29670 08989
38995 83535 41129 40186 99158 78575 54135 27736 16975 05403
64016 90925 77142 03801 26111 63556 09186 98995 29616 81921
21111 38713 26611 48669 12465 27204 45937 20981 08970 67179
46640 96500 85933 45599 90643 95458 72610 24241 39345 62425
54711 20992 03836 36125 17245 92800 03409 60761 94875 56230
12069 37280 21994 06545 97702 38010 99674 21263 83627 33123
21722 59130 87180 86183 00000

11166 70202 52386 09087 01639
78448 27331 37734 11315 70188 60049 15077 85060 65379 24860
66109 88706 93893 58202 83455 12496 17563 97338 68931 18022
81933 32865 64837 38446 36081 01546 86912 87006 93936 86678
94883 53528 35547 18162 61553 93593 71717 89452 26354 40091

20472 33614 44322 91801 68764 25627 66407 58735 17884 03159
12082 68882 35986 22981 20159 66087 66193 95215 88775 53719
63699 62599 40481 63826 60312 16959 73348 56477 79876 70076
84065 78952 53018 21145 73934 39499 04633 87982 73720 75313
12575 94208 48281 19456 60969 29571 66927 96377 36596 25591
50432 00745 41769 13743 30648 39257 22167 58328 83655 40136
33034 81254 22379 59981 92206 20888 59623 42674 93381 92180
77451 10021 78088 40253 63844 88822 89782 04624 02592 04059
58507 36262 27338 92866 89558 34676 75724 19017 54594 97190
04570 92558 08619 97631 52023 24329 81285 36589 57626 70016
15955 30445 76221 43461 54940 31367 46649 03875 94385 95440
01164 46688 57207 41133 26513 52680 57543 65280 12611 75116
55140 87161 00000

11076/9053/7386 kHz, 11-08, 0700/0710/0720 UTC

11166 70202 94512 11065 00049 00000 00000 00000 00000

11076/9053/7386 kHz, 14-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 14-08, 1200/1210/1220 UTC

11166 70202 62514 11088 02159
97081 75006 17493 61273 96998 85141 25531 11225 10293 43044
40835 59955 31312 16509 57724 30799 10391 00552 42950 90885
25043 67083 52826 80549 45769 87735 16086 71360 44944 72008
93396 07449 22199 87948 49470 09820 44743 57525 98717 48346
26074 43902 10363 11122 91497 72802 83978 25865 03902 55123
31363 13064 48224 03028 25703 75546 98045 56667 03962 54159
12756 63742 33426 04254 38715 79080 78348 72656 12865 76424
27629 79816 92211 89608 69464 36817 57629 25327 23914 51933
65418 14660 69307 06436 45048 95565 23439 04315 66541 43513
65487 25616 25911 92449 09593 38086 22107 13282 66030 46792
23911 42072 50925 86434 50197 75122 30432 86003 12019 73144
10332 60506 89945 41698 06967 09417 45093 80084 60476 26559
87279 15887 76236 51101 48752 67345 05476 14354 36913 00745
00979 62050 64489 75012 08829 56809 80584 90713 82121 90456
51040 85627 27593 60898 61555 44087 21087 93234 41998 12285
52817 09796 35346 36716 88344 78794 59687 67960 56221 96276
36734 96974 98221 81063 85272 16102 43123 87365 02992 21966
89949 64763 85130 02460 11623 20236 53379 74988 14975 61930
93466 68180 18028 29355 24888 64241 30512 39689 51183 44135
48534 04888 64234 02791 99347 99279 00993 26510 97157 82339
76096 49776 95895 06324 38790 33640 49911 63457 27611 32876
18502 52356 21264 88213 00000

11076/9053/7386 kHz, 15-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 15-08, 1200/1210/1220 UTC

11166 70202 96418 14089 01879
56483 00447 41166 33467 84528 42715 48547 79771 09037 60181
60401 11187 74397 66172 75280 55018 64851 95549 10724 90148
05760 04774 72345 36227 28240 88863 07392 65200 45628 57445
53710 89915 15192 37061 20065 09443 83531 91942 58738 15836
39115 80424 16357 92002 20379 89188 73872 55373 52827 12535
11644 27059 13582 68853 60557 31190 46800 71489 25113 54110
78419 96196 89426 18130 03648 12356 42074 49507 45654 70151
80728 45365 08874 60890 82510 69216 75400 92659 51007 29791
17860 48493 75882 22851 27243 19256 66029 40679 79107 28419
42186 78938 86601 90909 99968 95572 13735 73243 79252 01451
47349 47104 00833 87436 51213 53570 56310 17572 50680 20176
62141 43056 21362 97990 13781 16722 80226 10902 00860 12682
02593 34298 69340 80834 13425 45331 41575 90933 26396 11948
30221 45877 29133 12876 06929 68944 38091 05765 11767 94624
71500 85643 14295 17762 13810 00910 62239 80682 70079 19023
78707 02995 33745 59086 93868 83761 16201 33522 22046 30712
11640 66004 20161 96201 95582 77856 88458 24592 80531 60089

99455 40743 77201 73276 66048 34317 34742 42442 84722 19553
58411 39162 14796 75230 28121 89185 00000

11166 70202 23547 14090 01539
08417 99136 01585 04658 32219 46189 97639 91945 18860 06071
08861 99197 71310 51527 63397 64308 39767 12129 77051 81009
41493 92238 36840 85433 37402 72660 03015 34965 70059 19428
46726 65318 92806 48147 65523 36764 44681 17357 43865 05470
50823 49318 50849 80860 53062 01692 92328 54961 00367 38524
59606 14645 53836 73994 41912 72732 85947 87347 94825 78873
78711 32461 81847 96150 50450 90473 31302 54347 65874 38920
75761 15810 09150 35807 66173 14843 24635 42069 77887 56586
54989 30838 50758 86290 31326 56969 30525 64947 95103 85259
03643 12205 56450 00790 42756 02502 18591 49837 05015 25365
23082 84793 50398 45804 95535 11522 72251 25742 96512 62588
57220 92414 07286 44820 16756 64683 05151 34610 57404 73197
07973 19413 82040 35337 92667 08872 39253 70880 17284 64016
63063 69333 01400 17953 70153 44856 44491 86506 06817 39718
86994 92240 62786 62238 43719 50283 94159 70124 64312 89422
22586 90151 00000

11076/9053/7386 kHz, 16-08, 0700/0710/0720 UTC
10394/8076/6768 kHz, 16-08, 1200/1210/1220 UTC

11166 70202 13649 15091 02479
54928 51900 17963 82052 35166 08030 53681 37852 09487 02641
73708 32520 53830 71073 07944 56544 00589 50067 88987 92432
34839 02682 95495 25233 15678 68708 22970 90251 83584 45248
05440 75177 39764 27167 36442 18776 08396 62090 62774 73362
17728 99642 49424 23227 60965 39607 39136 76205 22870 08705
55039 70584 83031 20671 19787 64520 31724 99318 89628 00174
59309 69279 26865 59729 05105 44113 59121 55503 76665 66453
98868 21320 75414 79910 21647 97344 89553 37383 26403 25560
40201 75496 26408 98074 91688 09831 44170 25454 61957 30645
08794 17257 93981 03774 79214 91961 74178 06389 41749 58482
08715 52308 55409 36450 93668 86547 43391 07451 39974 53794
54206 14410 39091 70497 40874 51307 80329 55256 31620 10415
55777 97196 90511 79232 13762 67028 91477 04333 46779 00457
54139 64273 24843 08656 14903 18788 10173 95469 31734 26432
14169 86044 46068 47869 82615 96576 50281 76999 20036 99854
34176 67093 89150 66295 08891 44145 46371 85153 31709 24614
99260 95591 80165 79749 96912 82310 48920 13684 89171 15404
67817 47490 15640 39151 64574 26367 10410 39415 20536 92179
33451 44347 92937 88496 64603 38076 02104 90351 21095 92072
07027 75888 84541 43882 17765 82094 48350 77899 18093 11800
21475 87892 96842 84137 49453 25943 11372 45642 38672 67506
31605 84189 94781 47266 38070 12943 11225 45485 72382 16522
68780 29523 63608 76552 32101 80225 78936 18806 54142 57860
72116 49108 24452 87286 28075 70200 22238 67062 27173 96746
60164 32156 77520 10682 29798 91245 00000

11076/9053/7386 kHz, 17-08, 0700/0710/0720 UTC
10394/8076/6768 kHz, 17-08, 1200/1210/1220 UTC

11166 70202 15487 16092 01739
10145 12114 83240 47255 44111 11766 89100 07037 57843 66548
53678 83543 09931 82075 43398 75664 03682 94205 09109 70440
13244 43377 76514 88932 81691 08806 35906 28673 02028 57234
04660 69881 17027 85915 60924 37643 98873 64534 71930 37232
94513 05722 65374 04761 47670 18893 17302 40354 33457 27056
54933 16031 66527 51301 97869 75473 68695 92664 86113 67889
06964 66021 68344 83133 37906 65737 48884 80290 19329 67735
16793 26905 75158 97677 05532 91038 24488 19948 56628 53350
10720 27125 85782 31379 91747 34629 74854 33230 77108 10232
38166 82831 23042 93116 36557 83968 21403 82182 37635 15274

43354 98263 45648 73359 23789 49971 49431 06283 97401 57834
61853 04533 22371 16424 49204 41718 52564 99157 73960 82160
44224 35469 99373 97556 08063 15022 29306 59921 42700 98665
81754 02980 10392 40821 19519 69209 40978 52972 86416 84708
74994 62961 22517 29094 81875 49774 56807 92592 14198 58499
00743 37536 83897 25153 91112 06440 71389 66050 55659 43843
03544 11416 99883 24110 61443 87927 38491 02382 03864 79861
19894 92171 00000

11166 70202 39652 16093 01679
70701 16390 30866 35491 55203 38571 13864 79589 64506 45463
31732 93690 97385 14599 65472 24477 70626 21782 28452 85538
60942 69399 01726 02727 75497 57805 84687 36171 05737 73199
28243 14894 44200 90460 42692 44952 69010 14345 97499 77067
25733 07512 55153 44647 61275 78795 06289 08174 89534 30176
98272 66857 93464 85868 74431 23532 93258 51991 66107 13697
35332 80226 04740 34661 81794 33932 46151 35724 05097 80123
24226 55329 17543 55779 76173 16122 90348 81896 06562 13863
41942 23736 82303 61122 00189 20705 75793 71698 68233 34294
98368 96694 48633 87527 91298 48192 05493 94350 66475 71467
69259 02399 14001 51668 13900 97578 18854 65912 61106 43907
53828 16727 91261 57040 40933 07774 65818 34933 98424 47799
90789 94057 15686 93745 76050 84640 23111 68952 70116 83325
49210 17403 75110 86724 82096 79939 71576 54283 77565 03384
07862 73898 80938 18513 33724 48729 54861 47815 82870 28636
30254 28971 34109 34688 22589 64993 05802 50167 80683 36966
63301 76528 60210 40317 44071 93165 00000

11076/9053/7386 kHz, 18-08, 0700/0710/0720 UTC

11166 70202 65398 18035 00049 00000 00000 00000 00000

11076/9053/7386 kHz, 21-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 21-08, 1200/1210/1220 UTC

11166 70202 65871 18094 02419
35843 48008 73292 43221 41466 56105 73350 39708 96591 53688
63527 64302 00117 34149 80288 21857 63979 70526 30602 31087
76064 48804 52170 94435 93288 52079 28042 39914 94551 44058
97812 45850 48230 25298 32596 84489 73918 60637 65950 45373
03091 01270 97948 24446 68376 49866 14581 89820 76135 42214
89679 60141 42028 43790 61545 56483 94251 84718 01475 13721
74146 81539 16365 62309 88849 19237 52589 16415 95692 91949
93329 29328 23013 25825 66554 02099 57093 32424 05830 56334
49891 66140 31144 07094 27262 84056 41947 96815 02356 31680
39580 76223 23875 02995 21287 43133 13891 48270 12996 75118
74889 28057 33063 16952 70748 36814 04149 08773 11324 44603
55439 65918 95342 30283 82377 46344 91276 04650 56109 66591
60899 46953 99816 52212 55200 03234 74137 33622 37354 19905
38854 23283 12426 11037 83039 35184 68503 82761 40845 32541
58937 63247 35125 14653 80396 11679 16073 78858 26393 04677
87075 18532 20994 23594 34955 43044 62397 91132 06790 30639
31054 30712 00512 50153 42030 47030 61460 12530 46293 51250
02072 38040 10616 79260 86915 50182 30775 76430 50234 32163
57745 47311 38203 06923 41562 93718 93079 26636 22554 89628
21429 82608 24618 66323 13632 71538 30243 06239 06837 79053
41949 68930 08568 66469 59850 97612 23152 71713 30008 79699
48180 60346 43280 59785 33161 87611 89340 28507 17585 57467
95569 35720 90551 89518 05484 01434 39186 29809 76415 22928
77996 66384 01113 01512 76385 35589 82949 37335 26489 94239
00000

11076/9053/7386 kHz, 22-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 22-08, 1200/1210/1220 UTC

11166 70202 85341 21095 01779

64021 91197 15177 54591 69406 57887 25868 86347 80118 73363
24056 37488 17594 73397 06548 56775 24244 38083 89022 73652
77531 80989 45549 64595 65484 45444 83754 97689 53308 56380
97816 66362 95811 01195 66484 48217 75312 38036 88296 49893
69724 54984 71204 23916 80505 28538 18770 68437 75153 54859
80134 45838 23946 52205 55944 81109 35604 58000 77425 25957
21565 68957 00784 99569 43560 97719 84127 41978 24183 44433
39098 40955 25127 06701 74395 18387 22792 76355 73379 87053
35936 96487 72951 13759 85072 77154 35884 49741 88286 93233
33797 14313 23169 12829 82972 42655 09549 29688 00175 33714
92714 98062 70694 59128 31812 93440 45774 19130 23103 47600
11623 56363 12780 31414 97198 63536 79012 83852 12944 45870
87923 10604 37673 24268 53178 00774 95786 90138 53874 35075
92005 47827 90417 83972 95814 05573 83077 19198 92799 00940
42902 87081 45061 71666 69688 17146 27912 07852 56683 64375
35012 46436 06720 08635 69166 93894 89460 59636 60942 88101
94442 40918 82313 35282 59612 51270 47506 83010 80034 27024
18243 15169 26464 53676 55567 95175 00000

11166 70202 94621 21096 01639

06271 73874 36730 08338 43656 84904 30669 63282 01180 69230
49415 10459 43650 11322 92438 07841 39045 16560 89156 90084
73512 55027 61646 00849 06721 06965 95655 66612 34710 45822
99612 10438 52468 19839 56297 29119 33382 18107 96888 82133
67791 32039 52053 65860 27794 48181 59779 71480 50524 33320
34629 50010 57057 97800 28114 32904 49166 48014 34861 81652
51081 63979 24274 64831 88466 62959 02367 86022 21789 35048
33463 11057 76264 61677 76442 68002 35580 52956 15232 18358
91569 64808 88213 22860 67035 81826 46253 50366 53901 76786
94027 03242 33885 82761 94340 57681 73875 38770 40111 42416
13212 94895 23728 04238 85035 87821 58458 33767 38919 22705
31588 49925 56945 22341 93989 66530 80438 29553 15807 89453
89519 73737 62940 17793 02690 37506 74011 47470 88611 84368
42516 00729 07295 33380 33835 29927 22851 91709 91790 69098
55035 81047 14450 31699 61726 18795 03849 77982 69566 39992
19333 00449 94923 70887 89191 00782 22376 90116 60293 56746
32909 96161 00000

11076/9053/7386 kHz, 23-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 23-08, 1200/1210/1220 UTC

11166 70202 84512 22097 02539

72074 56361 74430 12726 92792 05334 00396 19062 62000 13912
30496 78160 63271 63124 60668 98684 59817 43515 91067 93596
52366 13292 60561 71365 28938 15947 78580 13985 48700 68289
09026 15252 27093 54821 85910 77730 14414 89405 65432 91847
85041 30146 44150 45558 79499 58441 97971 38005 66532 58125
21624 95630 17391 55644 73301 14164 09515 07216 54173 74917
01794 43883 77448 08849 48600 10431 06671 06807 44776 59079
67950 99407 18770 83897 65797 54979 16100 06887 57263 69005
40341 51655 64066 43519 43813 65624 27400 79865 85172 76717
35094 33288 96079 95450 75836 02763 24132 98372 00126 54534
44268 53795 92656 02765 55800 75739 85809 95766 07289 17042
68950 81225 16434 37570 73215 48870 77175 08454 36467 74024
71182 38308 78116 10470 25928 32354 38504 06064 86538 20392
62503 39551 93590 14559 32065 02005 84058 82807 77364 71327
57593 49051 21255 53264 75318 55895 36707 87354 83336 50917
21926 41257 78125 82404 22829 41900 56025 15520 57577 16883
13981 04797 22845 44561 93756 83933 86508 36275 86786 58802
96458 99128 41857 14620 60208 52787 42812 73222 74986 98706
48464 61361 13013 65242 11901 75987 91630 77079 21368 57435

82996 22416 29932 06458 43002 16330 66092 06049 64126 83785
42535 33983 81896 10702 05232 77018 89655 36520 90044 82701
41314 86722 79041 09696 46775 68722 73714 62597 89734 79569
27267 22150 22512 98919 03181 06809 17642 65683 52234 26596
80874 61810 25169 15175 55297 51639 63185 51078 71255 50251
33458 04047 21760 19262 01863 67393 68075 13501 60088 62341
05165 97251 00000

11076/9053/7386 kHz, 22-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 22-08, 1200/1210/1220 UTC

11166 70202 45817 23098 01939
72552 70994 71029 49024 46589 89775 94545 47775 11726 99996
06521 02925 18416 61126 15311 86301 51080 96607 19839 76088
93478 64478 81462 09917 62935 72235 17039 43914 74347 40623
36608 34904 19912 46032 74154 87931 75516 96203 84859 36315
69731 18917 07311 46393 76328 68360 14075 64183 16277 78854
99097 46106 80154 20635 75351 40988 06893 37372 81180 15519
79825 70112 18767 40357 25942 97337 73171 79059 29313 45823
85372 47037 94608 51982 77745 32717 21655 78390 55432 98096
76956 15171 32007 00882 73137 20930 52919 05394 92227 82930
15108 74430 13728 01195 06257 59281 33405 26218 12114 30060
83746 04980 65309 13572 92009 14950 34122 30876 36805 90764
74622 51747 89159 73270 94629 08225 48980 35614 02923 34419
12873 66075 42148 24786 34245 12326 28851 28040 61625 16792
49073 18902 66150 97831 82958 14864 94148 56393 56799 30165
05753 12844 45952 84158 85492 03676 77089 06259 35793 92751
03182 04666 89324 76786 49691 91036 01131 89771 55383 78310
06488 35990 56205 93861 55417 06350 85672 75166 59802 57695
90197 40192 14031 59801 82787 49662 75122 39727 83573 03418
13254 78218 20579 38043 68640 37854 89190 17945 75701 27613
93752 98191 00000

11166 70202 98214 23099 02139
28867 89514 75467 15914 82028 09372 41795 66641 50547 23537
56318 86935 36414 04831 72469 65621 67027 81620 63997 05977
06513 88180 45511 72240 06986 14761 91569 28783 23198 74544
40240 01657 38995 29696 92064 17184 79023 43673 40378 97286
04145 51994 93908 16245 13960 68659 77601 48567 04910 70390
22605 62661 57385 25900 81348 39990 50263 62367 28664 24411
26335 86302 34871 31369 57045 00998 21781 71649 79986 87748
37540 69363 07583 43026 11266 78860 30404 88804 73399 30255
63551 98207 52724 58252 09533 03685 85974 93967 36098 79890
00989 24410 92437 18458 59323 49343 12207 36854 69292 90187
76797 88509 05340 30664 37311 66396 94705 93863 18648 17257
57313 85427 54169 08666 09813 57534 24369 16104 69728 73367
97974 22251 20639 76764 98936 45657 24325 96728 47727 41014
90836 41486 50403 38182 42398 61791 33847 12180 32107 88145
50649 01318 03353 71641 02046 15667 00888 83100 52370 03038
69511 50200 33440 64678 01277 37275 62321 37858 17170 97488
20920 87535 94213 52048 70809 74300 73897 76159 01768 90763
12911 96410 37432 83602 62091 29266 46523 03428 84532 15361
33074 49679 48789 29286 04101 02720 58122 69550 38148 60332
01713 58397 03159 20794 38786 06186 97086 79715 51583 19998
09713 32851 28120 61177 29082 02038 60667 81481 41007 26478
70889 99211 00000

11076/9053/7386 kHz, 25-08, 0700/0710/0720 UTC

11166 70202 63245 24088 00049 00000 00000 00000 00000

11076/9053/7386 kHz, 28-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 28-08, 1200/1210/1220 UTC

11166 70202 91325 25001 02559

49751 43385 03790 10963 17421 51909 06577 72122 91285 21237
51566 80505 08864 79943 61580 24998 63497 14248 40252 61435
97707 28532 43355 13004 23992 43065 36176 00832 96493 46120
22848 34431 81993 42675 58605 16702 03656 66880 80875 43166
55960 50487 20170 00132 14269 64418 76678 91466 87452 75669
73545 48681 87032 86734 22726 03985 11250 49734 64384 31034
67522 72438 65770 83036 81717 58376 90492 82900 67673 48206
74152 45132 55423 54555 67257 34157 01530 07492 31357 88745
30007 52836 99335 67253 77230 70489 35814 93336 39295 04970
58572 06855 45256 25344 06957 49627 04672 56735 68189 40746
02919 50610 97527 21124 42688 86017 93209 71972 55108 18968
12126 36890 28940 22152 37140 02248 31275 82176 32021 15571
18175 46505 44899 46592 58684 37294 46202 20667 20669 74311
11997 79240 91899 74129 88682 47056 34834 17761 99966 10784
98525 03960 82059 38768 36095 30333 58041 96571 01208 69489
87311 38009 21998 32383 51086 76357 75863 36060 59859 65430
13583 17980 93777 45199 06184 64111 11866 31658 13001 42988
91030 55608 94369 62895 80794 80062 17378 94408 84682 50945
28128 25433 04214 60784 88934 40961 06420 30072 03909 44725
00847 36003 81352 64923 36957 43247 06405 11220 57883 16469
22391 75210 71469 19274 44287 91515 24530 29266 52757 01720
91271 23902 42199 88324 11815 16844 21220 70909 41745 49474
89000 81687 98643 67287 35975 62639 16522 35824 42258 51428
44106 75842 72270 48254 47910 22424 88987 80870 06026 37684
36264 09920 03576 31787 62648 41795 65767 71947 85148 41209
89473 84111 16380 01253 00000

11076/9053/7386 kHz, 29-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 29-08, 1200/1210/1220 UTC

11166 70202 74698 28002 01859

58300 02774 37457 30498 08967 68465 30741 36177 09354 08771
16229 43871 51344 47544 10333 96356 27402 15039 79049 72223
48529 31476 24528 62464 45920 09059 63917 08471 79749 89643
86446 31165 03514 60230 99654 05911 57393 13482 00723 62927
89039 45450 33842 17873 25252 07688 19553 62290 42970 55955
66994 68612 13012 62682 05004 89391 15014 85403 92993 55466
46994 08322 97565 02737 77982 99214 45766 82243 17153 48857
90957 33229 97903 85151 52212 23881 00310 79147 13183 89435
60393 85156 91386 22335 39652 82118 13832 94115 53270 08442
59931 13735 80471 07475 57639 51993 05424 25820 43748 86777
62159 31660 24285 48778 81930 45294 95935 72382 66446 99069
14453 81441 35423 68891 20964 64580 21894 44508 62133 19741
13705 30748 65106 72668 64640 96904 53178 98989 23620 16450
13121 04610 55389 64270 50106 44083 51167 63611 91173 81675
52653 99910 23156 24772 37870 43719 76026 84349 42246 49887
87591 42182 13395 25212 10462 29473 23025 81725 47258 46596
84412 17819 24964 78645 48881 94380 44386 86467 79720 98146
65647 77870 26986 09444 15646 88699 51610 16513 28437 28457
72277 43605 54450 02183 00000

11166 70202 98214 28003 02059

56573 29396 41465 53043 49353 59240 56636 39808 43483 60244
57482 43371 59040 32089 13863 45333 40512 54707 87916 43757
90114 73628 54535 24314 67226 15893 74676 95572 08620 09967
88689 24400 49182 08098 21857 32385 47815 34553 19316 39244
48194 08171 52578 64132 29078 12669 64811 20804 23861 13137
47073 67557 14049 42170 62700 97901 26342 04057 62019 82886
88032 70478 54585 01024 20376 66149 31125 16755 74646 67827
52368 93377 40556 65156 46971 51393 81717 56748 85702 08197
77854 79962 24090 60053 78430 97816 30709 92295 97394 91457

43305 28686 03728 31643 19935 55872 87475 27659 77315 83876
05959 77117 33566 28565 39844 65075 97532 27019 13774 85897
71886 21758 61220 86324 62167 74747 38278 53154 08990 97131
16066 94002 85563 05618 06427 84561 27743 41472 00617 80798
88783 13035 25674 19540 35991 47723 48147 55863 31448 64433
79872 10750 64023 02294 65498 27426 24819 66706 56421 59831
43283 78607 00850 41659 26135 37887 04661 09396 66327 36912
42745 77802 14200 85076 25530 91273 28039 30332 50363 99521
46215 88624 92453 30999 48088 17176 15042 62530 95870 92557
03501 08558 74639 79484 53052 78458 72674 01263 64776 75374
69319 47844 29621 34966 22546 82411 05073 27561 73420 32435
14206 72110 09644 03203 00000

11076/9053/7386 kHz, 30-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 30-08, 1200/1210/1220 UTC

11166 70202 85417 29004 02399
31418 86152 05531 37799 35314 25287 19674 01956 28673 81814
85260 16005 86445 92971 75843 59605 41371 69686 57269 93013
24882 94886 47969 02318 12027 41836 79361 45160 68823 04660
17274 01634 25496 58283 30349 60041 24028 89941 16354 92210
13467 69460 22344 98038 91423 50496 19606 23972 15201 19919
19325 85091 30980 37531 39912 45503 94526 33296 61934 36718
81821 54288 31567 18703 13083 78522 98535 13296 38597 37878
99455 64678 59807 17283 22521 06577 84094 22364 14485 40896
36683 32731 15858 57465 78113 83101 35264 49581 00726 39444
98901 05042 02576 62322 36033 77361 62232 74639 86448 66835
62895 75966 40843 66170 39265 70632 50037 50345 45599 01778
63984 15395 68403 08550 86504 95817 32187 48630 56669 15271
71725 53285 92793 50266 69255 07119 59957 11533 80060 69718
47004 72748 94861 81394 63941 01316 12473 20170 95700 70886
21139 02250 73170 60299 12009 43114 47463 68641 73169 21456
78333 01106 37689 13138 72696 05337 84096 87347 34187 62954
12747 82156 09682 65934 46493 01658 43739 32552 29124 01870
76881 42552 19980 57606 48671 96248 08212 27476 91495 27243
95091 59234 26026 23431 17843 02632 94264 36014 13395 21990
91131 81172 45533 25660 80524 64106 43854 54566 06785 80131
27977 97018 37514 72508 15450 21984 98677 51700 36783 48002
87925 05741 06047 89929 77078 56404 20475 50709 39711 40870
87508 50341 64763 23549 02725 09252 42138 67788 27067 28244
31193 22117 36851 32215 48093 00734 44939 04237 00000

11076/9053/7386 kHz, 31-08, 0700/0710/0720 UTC

10394/8076/6768 kHz, 31-08, 1200/1210/1220 UTC

11166 70202 97815 30005 01759
94255 21582 75244 31076 84674 34075 59130 54791 10522 28861
06815 91944 39855 42886 61294 23905 86435 54502 37061 11779
74029 48723 65114 15224 99240 75149 01353 28163 78822 28267
46783 73574 92395 04782 52983 24559 56511 17707 11257 43859
91007 71862 48915 59022 63577 30504 81127 15399 23509 27736
91771 74158 60513 06423 41734 47513 49591 86276 28078 88336
67874 91800 42537 76360 94376 94790 02755 68148 28587 51071
54726 03021 88856 36159 69858 82124 76501 09539 85098 62835
16568 62239 59574 35686 11196 27401 46166 75988 66518 58513
01462 87364 79032 05023 82529 79345 92375 39985 03942 46256
60461 19461 53491 39540 77887 78331 90039 50740 63575 92234
71925 47307 08567 60296 89381 28430 23916 88351 99393 93069
49621 77343 86432 37393 10525 46582 97511 23779 30130 46554
24989 88606 38253 40976 35567 80992 33476 62770 68922 49671
86310 73647 54390 20216 94025 82001 19171 29770 23076 98786
86462 11490 00058 36068 86981 45880 37146 77940 32294 21219
02940 78498 23403 70235 74646 66535 93031 75264 32565 61681
05027 59033 82781 05173 00000

11166 70202 13879 30006 01959
66458 91034 02016 49001 27272 75010 18995 07181 23551 78137
17405 83708 81612 10686 17026 94652 42605 57473 12344 39365
12942 73788 70880 85906 60145 08352 66786 32733 90039 33025
48114 38837 66221 83942 61231 39543 57766 43755 80790 90125
26082 19674 18710 04452 86868 97009 10596 80830 08108 72877
03035 32255 30031 99771 90212 63224 17990 93689 73284 60345
84183 86494 40931 88875 39160 27200 94551 12427 59054 61875
66518 77987 79470 46846 04934 33474 51977 74883 23335 69983
24124 19069 38772 05943 28942 24028 46704 55342 94849 99203
06149 47232 11904 93883 33526 88684 15340 58634 28626 88392
72334 22866 81147 83108 82923 43187 31238 34093 31028 02252
82476 85778 46499 62782 90735 03825 64155 06455 77353 34756
90712 12333 40075 54366 15572 54546 60164 97087 26389 23889
29164 83493 15367 03033 43708 88142 87209 50041 41850 14940
04672 69875 79318 72199 32645 78567 69165 64609 66714 89765
33224 44276 57130 78327 38819 88035 64121 00649 19173 93223
05499 76418 00938 09093 82477 61494 87294 46056 94660 66567
70057 29957 80124 01326 69217 93539 41532 48783 23367 22318
44222 99485 79439 97026 97213 00253 55202 99838 53047 97167
72943 76544 87421 06193 00000

Link 80214

17439/13387/11145 kHz, 03-08, 1330/1340/1350 UTC

11166 80214 65147 03024 00049 00000 00000 00000 00000

17439/13387/11145 kHz, 10-08, 1330/1340/1350 UTC

11166 80214 87543 09056 00049 00000 00000 00000 00000

17439/13387/11145 kHz, 17-08, 1330/1340/1350 UTC

11166 80214 74125 17038 00049 00000 00000 00000 00000

17439/13387/11145 kHz, 24-08, 1330/1340/1350 UTC

11166 80214 95863 24081 00049 00000 00000 00000 0000

17439/13387/11145 kHz, 31-08, 1330/1340/1350 UTC

11166 80214 84571 30076 00049 00000 00000 00000 00000

F06a – FSK 200/1000

4795/5463/7329 kHz, 03-08/04-08, 0400/0415/0430 UTC File 44491
4795/5463/7329 kHz, 10-08/11-08, 0400/0415/0430 UTC File 04492
4795/5463/7329 kHz, 17-08/18-08, 0400/0415/0430 UTC File 04493
4795/5463/7329 kHz, 24-08/25-08, 0400/0415/0430 UTC File 44494
4795/5463/7329 kHz, 31-08, 0400/0415/0430 UTC File 44495

19478/15975/13917 kHz, 05-08/06-08, 2100/2115/2130 UTC File 04483
19478/15975/13917 kHz, 12-08/13-08, 2100/2115/2130 UTC File 04484
19478/15975/13917 kHz, 19-08/20-08, 2100/2115/2130 UTC File 04485
19478/15975/13917 kHz, 26-08/27-08, 2100/2115/2130 UTC File 04486

Link 80159

14642/12133/9241 kHz, 08-08, 1520/1530/1540 UTC. File 80159~1.TXT (1987 bytes)

All transmissions confirmed by TDoA to originate from Chita. It appears that all schedules in this F06a TXT network are transmitted from Chita.

11100 80159 14856 06143 03219
RFWRL OWUCH KAJKH ICSUP VOJLE ISXWL IXILN KLEOU QHQY HJQIH
QHWHS MEPSR HACVY JVPLW JIWWI HWQRF CJFYX QRRHW WOOUG ALMSP
NRYOJ APSIH EJPVT HBIEV FDPHS XREUJ LSMNF LGFOE QEQB MCRFW
JOBXD BEUBG XRREV DYRFO FHPRG XQIIQ ETOBL MPKKG PIUFN EAYLQ

JVHED MWCPJ XPIDD IOLBO HJGTM RKVAM TIKGQ KLPQI FRUXX AQADE
LBYNL BWCEH SVKMO RUACL QASMG XYGUM IOOUT OLYBH BOVCW RNOJL
TPPSJ BYWGP MVVCF IKMAJ BKQRR CTAMW SROCX HMRAB GNPUY SWNRU
PLXOA OLMXJ FFEBR HPQKV VOHLI VKFES VFINS YOECU HIYSX LTUIA
JYIPL LWEMQ KUISW ENXBJ FKXEO FADPQ KSURR HMPRR WWWXV VSCKS
SWJMC WFXLV HDLSA POOCS HXAFT XIGTG NVCPT ACDSU BUEVX YJMAN
NMJFP QDWAA STAVF EITLI MIQPV VGHHD JBYJS MAQWM LLVBA GIIWM
VOHMV KGJNO DKNKH RJNCI XTJJE PPUHP YOBQN AESMC GHJIP LEOJQ
EJXHU TDGCF FRTKX AYACP AXOAJ VGAAA YAEYO BCABX OIPBL BPXDJ
VMLEI NQEKM YUOJK AILSU TTHBL FSOHH TJSJU KWXQL MOBOR GWWQJ
PETDK JYOHQ IQKAU IGQJJ UAFAX UAVYP SETLE RHJXP KAEKX UBNHC
LIRDS ICTHD OQVRQ JTCBE KOFBL MUVIC QIMKS IOEUP OQFGC DUVBK
CAWUP AYRYU MSJIM KNBRB BFVSU BIFEI YUOEG OFCPJ WXCRR IBKPW
KLQJJ LVKMC VKHPW BTCLE KQPD T ODWMP MOKTD ROMJE HJICI MHCCM
NAPKO SWKOX RMTTV KUPWG VTJDH RCFDU GWIFN EVSVV BRFRS IDTSJ
AXIGH WQXES UWSKQ EODYT VUWSF AYFGB TBRII GLOQR WHPXI YVELG
YXASR YPNCI KONNX YYXDQ THCGY TGPGR UDKYI OJOUR BSHMJ QSCUB
OYTLJ GFFDG VKQEK ERPAD YJMPX YKWIR XYVVR AWCVF XTKHX JOKWR
AMUUE DUDPQ DJXOX DTJLS FTDAL LVMAF QCCVT RQPTA PFOMY KSYOC
OMUYK SHSA HNLMD UVBSL YQVOH CQNYC XDHRB XAQA ABRAU BIESE
BACYM PBXDP HQWTL ALXLN JSIMS WBKED TNKXE XOBVM DVHGU OJFMG
SXCGJ WSWKQ JFVTM RMKTL QXTCJ WINCJ PIDNL HALGJ BGYGR UCCYE
PERCU SVDHV IRKPL VPJIG PGYFD KKRAU RBJJI NKRXV WEIQJ QUJLV
KWMCB YMGYS YSHTA CAPJO TNLJC UCCRP QXPSC XEKSX VKVTS YJFJE
WLIYR RFBCP AWPPJ WGLXV ALGKK WHIBI EATBN NOSVK YABQO SGDFW
YDOMX PNFUL HBILH QCXHI YDIEO DLYXX SBTKB LJDCU IVHPV OFDSK
GVBRU YORAV JMEIR LGMQG WALAU GXEWW YRHSR RANNR RQMRH SXJJB
MMWBB KMWWT CYHUI VIANV JTTNL CLURT SYGNX JLLTK FMFYA KRLTR

Link 10064

16293 kHz, 15-08, 1100 UTC File _K110064.001

15827 kHz, 15-08, 1120 UTC File _K110064.001

14682 kHz, 15-08, 1120 UTC File _K110064.001

11100 10064 75396 15001 02609
38032 17772 08784 16917 05608 27400 44073 71224 76882 34699
96450 18652 72497 58977 17885 71277 88953 38273 51291 82213
59563 52891 41916 71333 26831 06061 34387 79220 55952 10153
97575 60276 44104 51916 44496 50927 05236 35143 39399 73867
35021 24219 09266 64275 85685 36989 01885 28933 05381 60372
57691 74203 21794 87176 87576 63786 74687 97536 73827 92197
27049 33418 36406 84911 09544 39629 31750 61098 77955 69770
76272 19895 88302 80563 11767 36155 19314 63000 54881 76600
96964 83740 97877 72328 00739 35204 52830 08601 56327 17793
56486 17850 44433 02675 77944 86857 80381 48576 96362 14021
44214 71014 40863 77653 65961 87409 09848 01271 95781 86509
11875 26767 13644 95572 95323 31461 58250 43740 59004 49905
79892 45040 60917 86439 46912 49452 67345 29383 60463 35482
09464 02846 57269 42673 39653 17053 05047 67501 04719 03165
20302 71079 78174 43484 63168 72125 18816 33032 88993 23612
47734 33392 61338 96551 60983 04789 56104 19345 20075 27320
11448 46136 87496 47287 03195 52605 99437 09566 50419 82640
92898 61941 80898 94333 29403 42363 11105 78718 82454 85037
20447 49709 80972 06314 24431 28662 25862 56285 76439 72008
21910 47061 52804 15390 92217 93621 00874 32731 67321 28225
54752 33696 66223 74269 48409 47961 11494 90580 80827 69735
45649 22037 12900 60984 40983 17486 00751 36769 20044 00878
95162 81161 28945 06564 61815 67156 30694 14691 02003 79035
10726 47629 78531 60596 11838 13378 76484 37709 40697 06874
53526 88620 13126 05150 59457 60454 30340 17287 29689 55335
03330 75076 82330 34583 67581 75346 73577 14412 55305

Link 40144

11422/7661 kHz, 17-08, 1620/1640 UTC. File 40144~1.TXT (2242 bytes)

11100 40144 71384 17157 03639
LQHCT WEXWP DNQFM CSBVM JYTUV UICNI LWYXX WAEBU PVXJQ CTP__
____ _V CBYPY LDVQO FRPAU IXXRG PNMDF
____ _NO DTNHK ACTVP JHYFP YOTFE HPBWF BNTFJ TUOPO
HTWYP YMJYR ILMXW QHLSR EIXPU INETO KJJBX CIQFJ FO____
____ MSSGL GYJEP QGW____ _PJUG EHFRP CPQQS COVTR
XLLOW LPNLI TEASF IDUEO PSYYA WVMBV COOQQ LTIAE GARLU DLXTT
YVJEC EBYYS IYRLJ RLJCF XEQVE EBIRF PTRXQ PUHCO LHCGQ CPKNO
____ _DFW FEDVO ELPQJ WADPG VDTRU BRACY SNCGY FNUKE
E____ _WDUCT STODE KXQGG TSYQK FILPI J____
____ _D OGOMP
DXHIQ TMSLK RSVTQ FWVKY PRQIQ PKBMD TVE____ _AXFW
RSGYV UFGJL TRJJE EUAXN HLWEE HCRGY CMEBU____ _E
MGNLD FJISW KMHBC WSKLH LIXLX QDIAP VWNWF EJGNP XFEQL BCHDM
HBXNW WQHEU SKKVV MYMHO YSCXV BJ____ _HQHSK SDWMY
CXAUX MLGSJ TIGWO XALYO EUNWF WGBPVS____ _PE EHCLJ
UJLXM SAKQK NVNCO QBHC____ _FGF GOPFU SISHF JFLAC
DPQUL EDSAR ORHXG PTSQF JSAGW HBCOE KQMLD GNJKX TVFJQ GXJXP
JHCWJ OKXLH LKWHE QXXAI BCWOU YVRET MKYYW BEQMA BTCMB UMSUT
UCSVS JIVEM RPT____ _JOECF WFEFX
DJBBR FIWFW UCHNQ RGDRG GPTHF XMIV____ _
____ SFFRH BEJFB JIR____ _ONDA TCLOM AAVJY____
____ _LVAYJ QNAJV MMDTJ AFMAC UJUNG EK____
____ _VX OCLQT PKBYH EOPCM FRTIW FNGXM
____ _LVE IELMY PPSDB AFWWI WAGFD GQMSB GWAHP RDPKL
WAOVB SFCMX YESNF NGXPS YCMKH PKHIX SMPAG NXEVQ GJVGI QCIEM
TJSXT VLGGU TVSGU KODDC XIAXV UGOCU HIQSB ONHWO TBXP____
____ _JTKB JQLGI IACNS YWROS AJJKD XXOUH BSTXS HJBAQ HQXPP
BASHV NSLQM KDBDL KNLHR GCXNA LGUYL ALRDY RHWXU UXBVW EVFBC
PEDTV YCAUQ JBFWJ VGWEG VSUQS LOORH UNXDO OCTBE DUOBJ IOAWK
SANGQ EFKVY TWDGG GRXEO MXIRV BPHYI BSLEO BBKMN EJYFT TGERY
EOWQT AFSBH UNPAX L____ _BORQQ EDUGD VYQGD KUILE
LYREP____ _MJX WTFKR HXNUW DGAI
ISDSE IIPQT KEHEH SNIAC GIBIC EXJAT MYUPJ WCQHJ SBHMM ACEVV
VDVHN EPPGN UOMIJ KEODA ISAX____ _QIQ YYTDG OYWJT
NKYFY QNHBP GLDSD RGYIV KRHTP QKGWB KQNXD DWGWJ KIOXC OAKAM
YYQYP QMBQK NFKNK UCVRO PVVCW UQPPI NRXAS KLDDS MNRBC CJGMP
FHNTD VXNMX

Link 00000

The following odd transmission was found by linkz and the comments are from Pierre (PY).

18046 kHz, 16-08, 1400 UTC. 18 blocks, 1 message

[#0] [INFO] 18 blocks, 1 message(s)
[#1] 00000e0631322e313220202031323334 | CRC OK
[#2] 352e30303030302d2d2d2d2d2d2d | CRC OK
[#3] 2d2d3030303033353930343434303020 | CRC OK
[#4] 30303030302031393834322031363030 | CRC OK
[#5] 382030303031390d555957515174e4e5 | CRC OK
[#6] 0e870cea471eb7ae7811eb0e90142ef7 | CRC OK
[#7] 31df5b5d355b5c91d4911e5bfb76cd19 | CRC OK
[#8] c3fee4d535f97edeefaa2fb9daa93865 | CRC OK
[#9] afd1e11fcc0bf6acf9c81ef4e0f8ff74 | CRC OK
[#10] 9fd76b45f0d86b195528d6526fb2c8b1 | CRC OK
[#11] c0d36624f5b6078807113f46a17d4c44 | CRC OK
[#12] e6ccd96324114291bbdb645d33166635 | CRC OK
[#13] e4805f076d55d18a3b0841799668bbe8 | CRC OK
[#14] 5b62aeaab91f5ca74e3b992d312a4cc3 | CRC OK
[#15] d14d08d365f96665c05f2539a3e93b8d | CRC OK
[#16] [INFO] 18 blocks, 1 message(s)
[#17] d88298926243662f0000000000000000 | CRC OK

That's not normal 5FG encoding, and that's not F06a either because there is no proper F06a header, instead that's raw binary encoding as in F06 pre-TX tests sending strings of 464646. We can see three sections:

- a 4-byte integer field: 0x0000e06 which represents a value of 3590 - an ASCII text section:

12.12 12345.00000-----0000359044400 00000 19842 16008 00019 UYWQQ

"00019" and "UYWQQ" are separated by a [CR] without [LF]

- a binary section 171 bytes long, followed by 8 bytes of 0x00 padding until the end of the last block

Note that the 3590 value also appears in the text section. Then we can see a proper 5-group header in there:

44400 00000 19842 16008 00019

Apparently a test. Maybe the group count of 1 corresponds to that UYWQQ 5LG.

Link 10053

12227/14423/16283 kHz, 22-08, 1030/1040/1050 UTC. File 10053~1.TXT (2046 bytes).

11100 10053 74321 20157 03319
YYDNL YAMWT PPNAF NMWCG BRQXW OOPVH URKQP UJXNX IXRID YWGPB
CVXLH LGUAM EODEN KVCOG LSGYY NYSBV HQQWV IBTRH PDQEL TWYLK
AWJSB NRSRQ HSJEB JJYSN UGCTH UHLBD XEMPX BXURJ HHOXU CSPER
CQVIV OQMMV AOCDW WKUTN IUIPD CWAEJ UPQFU TUMSM FDTCO NYYBK
DXPFR RONBK VTRRT GHLLL WHYGQ MHVMX VHQB SVYUF XULIJ NQESD
VHDSP RCPD CORCE BTJPC BSHVR YFOGJ EBSRQ UHPUG BRKJE PNVMX
HAWHH CHXPA LKKHH FJWL V SGFHC SWRRI MHRXG UBCFY VVXB RJIKO
YUXLS BQSEJ SGQCA IITDM HDFSE DWOIL ORXOR SUMNF CVMYJ VXXSI
CXPVX FLQFQ FTXIV XNYUN GTSML IQBOT GIVAG BENAT MJMMD XMEDD
BMEVV STQDB MBFDL LJYBR UTANI PFCYJ KBBBR ODDJT YBSJB WDWGG
QMPCS MMBQT UCNRI HCWBM VCFWU NRGJA GVBMC GKEFQ LDSSS AMSQL
VRMNG MPNIP VNRIF ARALY ICBQV COYGE NRSSH KXUOS LYKFD JBDSE
WTJBG APVTO KXYWP UBSLY NSYXD SDGMQ ISQYH WKEUE FTUPB YIFBW
VQSKA VHWHN JHKVD PRCHK NWCOI HVSKJ MWSLA VDOJK JGNIU TQCUW
DFENR BBJKQ JWFJ UMMDR ADERQ YBWB ILPJM FOFBR RALNQ PODWY
FKFUN SMCQT AYQV XOSLD MMQWT DCWQO HFUNX HLLRK UCUXQ XLFUL
HWOHE BGRKW PIGKU PNJYK WIRRN RVQLS YLFOQ ECCPJ IGXLT AISMX
ENQCD OVJGQ HJDKN HELFI MMCXT UJTUR NUGFL QXUGM PPAFP RVDOX
FXGLT MUGXP DUMXM CTTTPR UDBYX QFGXG JUWRE UDCHK VUKFN DFICX
QNLVK EYHXR RUHOV IHIOG BYYXC OXJVK TKG YQ TCLJC DHHYY FRENV
HDN JN RXFGN YGCF L PSMBB WDOYC WGCAL OJCHS XGEDC DPBCJ FEHOE
UYUWG FRVYV GCAYN XGAJR BTNMU PWXCX VLMGS COGUY DRYTG AWRFR
NUNPN FYXTS URXMU QTPDV LNRCM YKVDS IBUJP KMRJK FQPTV YYYNT
ANUTT XGWPB WSXAS NUSYA WYHQT OLCXU BBOIF XONOP QINXY KIPUT
PDLUB GIPCO BRTDL BGIJO RTHND AUXBH SGKDF OMXCM APIBP DRASF
MCVAA PMFOF TLYSM BFGPV SBBYJ EYHOH QXIOH PDRBH VSWG H GEXRH
HWUGV WIGRF SMDTK VBOWB ANWWF FTNYV WLJTQ EPEYI CQG YQ CHFIS
HBF RJ YAYTY SXGXR XLYIC PLVSJ RSGQG BSCHH CTDYM BPHHE IAPDC
SKDLF USEFP EAIHV LNNYK HBRBV BEOCU PAENA BUMIQ DOQWB JOHWH
LUODA OTJUC OHLIT GYISQ MAPNB SCABV BHJDX MTEPJ VOCNF WHWRR
OMTTC XHRJL OELVJ DWEYK CFYEG VEOGJ HPHKE CGDKJ RFDNE VRJKL
ANFEB KNILL UAXDJ AXRUQ OSTJN HAREL XYPID KXHMS BTYTA JSJSC
UWWEI XKAMG FSJLT IFCRA NQSVG BLMSO MHNKS KCOGI UYUMB BUQBO

Link 00173

10316/12219/14652 kHz, 28-08, 0800/0810/0820 UTC. File 00173~1.TXT (1949 bytes)

11100 00173 49725 26145 03159
UDYAR KALLJ JTCVE VKIAD ITGPJ YNQVR CNMEH YQNFQ MISSI ASDKM
AIRXM OKYCW NPVID LRMVL NQFWC BFGVF ATYNP FDJCA OGOCW XKKEA
KLOLF OAOCB IXHSG YCXQO FNPCY GPOED AYSIC RABQS YPQJN KKWFU
LNJYN IEBVR SHOYB GQWUD YMLEM WMRFO BXVIB YHMIK UBRGN KVS VH
UTNHP TEDCW RGVTD WNHQM CBGRY BRWQS EXXAR DFKJY SEY EY GOUWU
ATTRK VUGCX BNFOX DLLOX FPCEL SRPKO BQNJD UUBTE YBRVG SKMOG
MBKCC HSEOL SHVXY UQWQD USTWI UUSTP KBMMW CCLPV CXSWU BXBHH
JEDLD BTWER ICENX RHPTH BCVJK EIKPR OFBNH NWBXY PKCTQ JHCME
BCHHO RVNTQ XSSSC SFUDO UJKNB OKLXB YHHTS UACYG COOUL WJRBT
BGKRS JWOQT FRPRC VXCAD SHGYV YBPHO LNDRX ATCFY JKLEQ KKMSL

MWYMX YUTJP PSFVB POTPQ JDEAQ LYROO DJMRO ITSEK XQQVO CQRPV
 IQPOK QFJTD ENIIB IHDDN LMRFB VBIAQ KKWNA WEYHS SNEMT RIAVX
 EUTEJ UAYNF JKDQH NKVEE MEAYU FCAPH AQAGY BCTDP EDFWE YMPNK
 WVBGE USBBS ECITM MQKPI NNMXF SHJHL XPMHV JHPVB SJKUL THMBV
 JQQSJ HGICK NPYRU DEWWH LWILU DXRYF DQFRN LYLLN JIAIU WLOBA
 VYBVH MWEGM WVONR KPGSH ACXPL QMURK BUPCQ XGBIM WUFQS RVPBW
 OHLVB YOJVY MWFIC HKRBS UAGBX DSWJY GKPQM PSSXA OEMSI LNNYJ
 RBCYS LYVHL NCFYI EAEAP EWEHE FQXRA FWMQC COXWM XDDKC TNHCM
 CTVEA LMEAL VFIRV DRLCG HXVGN HIAJC BIESL RESIX VOQVW XKDYM
 MVKEW PSBVB IHJQN KJARM EGFTE WVMBG YDYBL JRNIT GHEHS IPCCO
 KGDNR ICRIR VFWOQ UJUMW JMOHC BDGVM XNXNF QKMJS WRAQY MPYAX
 JCQEH CLGPK TQETT DXWEK MULFA HOWWB AGYXJ PLTDE MSBDD BEWQG
 HCKAD ONUCE MJUMR WMNKU ESHEI TASIW IBQKN QNTLX YFIAR NQVKN
 BYANS SKTXC DGRGT FRHLL VKVEH VUJRF DBREL STJDV CCLHE HRDEV
 CWYAI QHLCB HXHND QOFMC LBMLU MWDBT SLYBH LEQBG IXRNB FNYUL
 HAJSF SSKPG BOOLW LNOCN IJDUU WEHPV WPPBY TEFLT WOMXJ NCIOE
 BBWSX WGOYT NJXKG JLJJW BMYQU BFPYM LAYKJ YAHIO JOVUH ICAAD
 RPYMT LWCQW KKMXX CJPKH DKWPP USJJA YAXYM AWOGC STNGF VYCMT
 BWICP OGCIG JOTLX GQIRB CXWBV TGOHR EMTGK GCBUV LHPSW FJPKU
 PLVAF HYDME LMOXC WTYLO EYXHH KETKI PXDPB KQUHY XQVHA PPAQH
 VTRKG XDYCE EDNIA BRNOX VAMJO NULND GCTWJ INCGC DCHJF LAGTD
 HKIML STBUE TRDYS HFYSW

F02

12121 kHz, 02-08, 0644 UTC, MFSK-4/150Bd/4000Hz	Long 1hr transmission
13484 kHz, 03-08, 0640 UTC, MFSK-4/150Bd/4000Hz	
13484 kHz, 10-08, 0640 UTC, MFSK-4/150Bd/4000Hz	
12121 kHz, 11-08, 0838 UTC, MFSK-4/150Bd/4000Hz	
11637 kHz, 15-08, 0555 UTC, MFSK-4/150Bd/4000Hz	
11637 kHz, 15-08, 0619 UTC, MFSK-4/150Bd/4000Hz	
11637 kHz, 15-08, 0639 UTC, MFSK-4/150Bd/4000Hz	
16107 kHz, 15-08, 0654 UTC, MFSK-4/150Bd/4000Hz	Test
16107 kHz, 15-08, 0700 UTC, MFSK-4/150Bd/4000Hz	Long 1hr transmission
14918 kHz, 18-08, 0809 UTC, MFSK-4/150Bd/4000Hz	Test
14918 kHz, 18-08, 0830 UTC, MFSK-4/150Bd/4000Hz	
14907 kHz, 18-08, 0834 UTC, MFSK-4/150Bd/4000Hz	
14918 kHz, 22-08, 0830 UTC, MFSK-4/150Bd/4000Hz	
19148 kHz, 24-08, 0637 UTC, MFSK-4/150Bd/4000Hz	
19148 kHz, 24-08, 0650 UTC, MFSK-4/150Bd/4000Hz	
13463 kHz, 25-08, 0607 UTC, MFSK-4/150Bd/4000Hz	
13463 kHz, 25-08, 0620 UTC, MFSK-4/150Bd/4000Hz	
9308 kHz, 25-08, 0624 UTC, MFSK-4/150Bd/4000Hz	
9308 kHz, 25-08, 0633 UTC, MFSK-4/150Bd/4000Hz	
14918 kHz, 25-08, 0830 UTC, MFSK-4/150Bd/4000Hz	
12121 kHz, 25-08, 0836 UTC, MFSK-4/150Bd/4000Hz	Long transmission. Off at 0930z
15623 kHz, 25-08, 0847 UTC, MFSK-4/150Bd/4000Hz	
14918 kHz, 29-08, 0830 UTC, MFSK-4/150Bd/4000Hz	

F07

16263 kHz, 03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 2000 UTC
 15852 kHz, 03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 2010 UTC
 14968 kHz, 03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 2020 UTC
 14417 kHz, 03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 2030 UTC
 13478 kHz, 03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 2040 UTC
 12143 kHz, 03-08/08-08/10-08/15-08/17-08/22-08/24-08/29-08/31-08, 2050 UTC

HM01 - Dirección General de Inteligencia

A late report tells us that HM01 made one brief appearance on July 24th, noted at 2215z on 10715 kHz.

HM01 reappeared on August 23rd.

10860 kHz, 23-08, 0601 UTC. Off at 0608z

10345 kHz, 23-08, 0627 UTC, AM voice and files sent in WinDRM

Groups: 28147 15043 06042 55181 25803 55472

Files: 07352814.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT

Callsign: QWERT01

14375 kHz, 24-08, 0600 UTC

11435 kHz, 23-08, 1600 UTC

Groups: 28148 15044 06043 55182 25804 55473

Files: 07352814.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT

Callsign: QWERTY01

14375 kHz, 25-08, 0600 UTC

Groups: 27881 15045 06044 55183 25805 55474

Files: 63312788.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT

Callsign: QWERTY01

13435 kHz, 26-08, 0734 UTC

Groups: 27881 15046 06045 55184 25806 55475

Files: 63312788.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT

Callsign: QWERTY01

9330 kHz, 27-08, 0727 UTC

Groups: 27882 15047 06046 55185 25807 55476

Files: 63312788.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT

Callsign: QWERTY01

Messy morning transmissions mixed with clock sounds.

10860 kHz, 28-08, 0520 UTC

9330 kHz, 28-08, 0658 UTC

9065 kHz, 28-08, 0758 UTC

9240 kHz, 28-08, 0858 UTC

9155 kHz, 28-08, 0958 UTC

11435 kHz, 28-08, 1558 UTC. Back to normal



Groups: 27883 15048 06047 55186 25808 55477

Files: 63312788.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT

Callsign: QWERTY01

No transmissions on August 29th.

10860 kHz, 30-08, 0458 UTC. Sounds mixing with the groups. Normal at 0504z. Repeat of August 23rd

10860 kHz, 30-08, 0532 UTC. Sounds till 0751z, then off

Groups: 28147 15043 06042 55181 25803 55472

Files: 07352814.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT

Callsign: QWERTY01



11462 kHz, 31-08, 0600 UTC. Repeat of August 23rd

11435 kHz, 31-08, 1643 UTC. Repeat of August 24th. Late start

P07

9214 kHz, 06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1400 UTC
8187 kHz, 06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1410 UTC
7534 kHz, 06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1420 UTC
6782 kHz, 06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1430 UTC
5899 kHz, 06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1440 UTC
5184 kHz, 06-08/09-08/13-08/16-08/20-08/23-08/27-08/30-08, 1450 UTC

Q26 - Chinese military

8073 kHz, 06-08, 1133 UTC, Q26: 4+4 QPSK 75/3000 LSB
8073 kHz, 06-08, 1137 UTC, M95: CW
8073 kHz, 06-08, 1150 UTC, V26: USB

Q26: 4+4 QPSK 75/3000 LSB

AGN

NR0599 CK211 35 0806 1555 --

006 326 319 327 012 773 022 773 024 773
026 773 027 773 029 773 356 411 993 446
383 480 486 017 773 018 773 023 773 356
411 993 446 383 335 938 411 993 445 382
480 486 019 773 353 373 411 993 445 382
480 486 020 773 354 365 411 993 446 474
437 384 480 486 758 483 021 773 353 411
993 435 466 380 002 480 486 025 773 353
411 993 447 385 346 938 411 993 446 384
480 486 030 934 033 773 356 411 993 445-1
382 480 486 328 020 773 353 373 411 993
446 383 480 486 022 773 024 773 026 773
356 411 993 446 383 335 938 411 993 445
382 480 486 025 773 027 773 029 773 356
411 993 446 383 480 486 880 718 445 380
001 934 002 329 020 773 353 411 993 446
383 342 938 411 993 445 382 480 486 025
773 356 411 993 446 383 480 486 027 773
356 411 993 446 383 335 938 411 993 445
382 480 486 029 773 356 411 993 435 466-2
380 002 480 486 880 718 445 380 001 934
002

AHR CW WK

382 480 486 328 020 773 353 373 411 993
446 383 480 486 022 773 024 773 026 773
356 411 993 446 383 335 938 411 993 445
382 480 486 025 773 027 773 029 773 356
411 993 446 383 480 486 880 718 445 380
001 934 002 329 020 773 353 411 993 446
383 342 938 411 993 445 382 480 486 025
773 356 411 993 446 383 480 486 027 773
356 411 993 446 383 335 938 411 993 445
382 480 486 029 773 356 411 993 435 466-2
380 002 480 486 880 718 445 380 001 934
002 AGN

M95: CW. Repeat of Q26

V BNGC BNGC BNGC DE XSV85 XSV85

HRG 799 A PSE CY

NR A599 CK 211 35 0806 1555 =

006 3U6 3AN 3U7 TAU 773 TUU 773 TU4 773

etc (repeat of Q26)

V26: Voice. Repeat of Q26 and M95

.....請抄收 (Please copy)

報數 0599 組數 211 35 0806 1555

(Telegram No. 0599 / Group count 211 / unknown 35 / Date 0806 / Beijing time 1555)

報數開始, 重複兩遍 (Report starts, repeat twice)

006 326 319 327 012 773 022 773 024 773

026 773 027 773 029 773 356 411 993 446

383 480 486 017 773 018 773 023 773 356

411 993 446 383 135 938 411 993 445 382

480 486 019 773 353 373 411 993 445 382

480 486 020 773 354 365 411 993 446 474

437 384 480 486 758 483 021 773 853 411

993 435 466 480 002 480 486 025 773 353

411 993 447 385 346 938 411 993 446 384

480 486 030 934 033 773 356 411 993 445

腰頁完畢, 兩頁發下 (Page one complete, page two sending)

382 480 486 328 020 773 353 373 411 993

446 383 480 486 022 773 024 773 026 773

356 411 993 446 383 335 938 411 993 445

382 480 486 025 773 027 773 029 773 356

411 993 446 383 480 486 880 718 445 380

401 934 002 329 020 773 353 411 993 446

383 842 938 411 993 445 382 480 486 025

773 356 411 993 446 383 480 486 027 773

356 411 993 446 383 335 938 411 993 445

382 480 486 029 773 356 411 993 435 466

兩頁完畢, 三頁發下 (Page two complete, page three sending)

380 002 480 486 880 718 445 380 001 934

402

報告完畢 (report finished)

無報無事, 結束聯絡再會 x3 (No more report, end of transmission see you soon)

12763 kHz, 12-08, 0255 UTC, in progress.

6475 8544 4391 1564 0852 9804 3606 6294 8384 1373

6095 8505 8656 5001 2941 7263 9432 7876 4483 5109

3729 5578 6739 7468

MSG AGN

23033 124 51 0811 1022

BSZZ---MSA

1213 0030 2110 2106 4576 5147 0618 2641 7353 0822

4227 5412 0399 5585 8601 1736 7407 6825 1944 7317

6165 4718 1622 3092 3094 9901 2927 4201 3451 0305

5496 8534 1470 5143 4669 3522 1918 7225 9333 9342

9039 5400 6542 4424 3160 3020 9840 4699 6660 5974

9442 0569 8283 5409 4283 3982 9845 7168 3276 5782

8363 2782 0685 6859 2166 7427 2725 8255 1173 7785

3835 7607 0990 6533 7672 0222 8117 8314 5243 1650

1415 8613 7744 4561 0018 8277 1054 1743 6847 5979

2295 1194 2088 6693 3400 6855 5662 9295 5788 2294-1

6475 8544 4391 1564 0852 9804 3606 6294 8384 1373

6095 8505 8656 5001 2941 7263 9432 7876 4483 5109

3729 5578 6739 7468

AHR ZNN SK

XPA1

13491/12191/10691 kHz, 02-08, 1210/1230/1250 UTC

416 416 416 000

03170 00001 00000 31662

13491/12191/10691 kHz, 04-08, 1210/1230/1250 UTC

416 416 416 000

03065 00001 00000 33661

13491/12191/10691 kHz, 09-08, 1210/1230/1250 UTC

416 416 416 000

08696 00001 00000 37271

13491/12191/10691 kHz, 11-08, 1210/1230/1250 UTC

416 416 000

06500 00001 00000 33656

13491/12191/10691 kHz, 16-08, 1210/1230/1250 UTC

416 416 416 000

06232 00001 00000 33261

13491/12191/10691 kHz, 18-08, 1210/1230/1250 UTC

416 416 416 000

02600 00001 00000 34252

13491/12191/10691 kHz, 23-08/25-08/30-08, 1210/1230/1250 UTC

416 416 416 1 416 416 416 1 416 416 416 1

04640 00100 48430 31474 54449 78440 15832 83376 03415 89098

90771 13832 45878 02223 67442 97591 15973 64950 58614 94509

33726 42467 25681 79116 13266 70882 00502 97224 86055 79653

50790 67727 36142 05482 20216 64676 89414 22849 31167 00108

40103 00827 79852 83931 90425 67146 46246 79770 76707 58061

45173 61510 61392 03655 07894 52797 60010 19404 24831 30719

83946 25335 00983 65515 89039 78484 90404 67063 57252 91157

51652 76894 94601 78303 57015 25154 22177 33416 81187 95556

09177 03617 21248 23108 42408 67972 60188 82896 75794 27845

05991 37623 50292 40873 92229 02916 23235 98301 68207 55223

88500 10176 45141

XPA2

10252/11152/12152 kHz, 0500/0520/0540 UTC

10252/11152/12152 kHz, 01-08/03-08, 0500/0520/0540 UTC

00288 00087 20759 80841 79810 30314 64933 87735 13751 61611

57008 22963 72296 61867 39703 44658 96443 62932 75623 32866

89830 96089 53763 02459 78421 73309 26469 94549 70036 86771

35667 51727 66300 96426 63613 64924 54434 44726 25690 06033

17856 94118 09932 28735 66878 17242 04200 69483 25057 05919

02576 27504 22208 17452 35468 94910 58981 24198 32647 41353

59926 75469 55280 83996 11265 82171 37049 25017 23195 14376

79654 66765 43586 55585 88388 24376 50490 89674 06170 96474

38984 78601 26535 65372 60019 08000 34312 68936 24877 43767

10252/11152/12152 kHz, 08-08, 0500/0520/0540 UTC

02828 00001 00000 41254

10252/11152/12152 kHz, 10-08, 0500/0520/0540 UTC

04938 00001 00000 41657

10252/11152/12152 kHz, 15-08/17-08, 0500/0520/0540 UTC

00628 00081 70317 98441 08155 90083 98756 33859 63959 27750
99082 84932 67435 29826 89643 03935 11333 66687 08258 87428
53531 55636 34662 63069 89015 26184 63783 26245 08120 45756
28412 50840 33271 34230 53680 96407 67235 93696 18946 24979
86778 40148 55155 83746 82421 58765 94873 85204 19192 08731
03072 31646 00931 01964 10272 72756 12759 60969 16708 58143
18048 70619 76802 11213 28517 74383 90945 52393 98038 10035
79952 01785 26769 30634 75365 88780 28024 34466 76213 42776
37324 36976 34432 17334

10252/11152/12152 kHz, 22-08, 0500/0520/0540 UTC

01002 00001 00000 22551

10252/11152/12152 kHz, 24-08, 0500/0520/0540 UTC

06070 00001 00000 31265

10252/11152/12152 kHz, 29-08/30-08, 0500/0520/0540 UTC

00116 00075 31327 06403 68870 84273 63817 87796 71113 36884
72963 39135 97637 16284 34974 11748 63695 45035 75257 28428
41825 81528 40356 24762 79577 29523 05892 88610 58105 41090
21807 50728 41802 94008 15707 38063 35271 97651 24718 30135
93589 65857 84293 75657 63327 56939 56994 07461 62493 70003
11788 05225 18111 01694 20683 00616 05361 71618 83279 66046
77938 15720 06560 59071 43114 11336 88675 65836 46594 64619
88160 33834 64609 11064 46964 59374 68717 51151

13887/12187/10387 kHz, 1100/1120/1140 UTC

13887/12187/10387 kHz, 01-08, 1100/1120/1140 UTC

01178 00001 00000 35660

13887/12187/10387 kHz, 04-08, 1100/1120/1140 UTC

03083 00001 00000 32663

13887/12187/10387 kHz, 08-08/11-08/15-08/18-08, 1100/1120/1140 UTC

04014 00109 85977 55188 68869 25590 46140 22706 13817 12570
24902 44815 44671 48401 31137 79874 56809 24507 39734 84276
07776 43096 30090 32007 06867 62168 29752 99397 85049 60096
11826 57706 16353 84883 23904 38465 75655 18588 61265 20509
33204 31434 60834 64513 76051 27030 04129 65058 73601 77081
70302 16740 16063 08138 90549 71526 73909 34199 56224 62763
46074 26576 97908 78276 23667 67577 37685 94543 58462 52726
49113 02038 70486 18600 92951 35809 82330 86060 54758 52248
20612 71183 34637 59484 93233 04000 79122 41619 50316 95133
44764 26516 13207 38266 00754 23904 80561 14943 75778 55202
34402 82630 72923 14770 17234 15337 68285 75300 23291 96323
69024 26240

13887/12187/10387 kHz, 22-08, 1100/1120/1140 UTC

05764 00001 00000 36663

13887/12187/10387 kHz, 25-08, 1100/1120/1140 UTC

06338 00001 00000 36661

13887/12187/10387 kHz, 29-08, 1100/1120/1140 UTC

07061 00091 62296 37062 65679 55658 45300 26954 44637 32881
29481 05361 56448 43140 56914 90201 52103 76706 74589 70462
76487 97786 51579 63670 38788 07819 60111 20091 74228 52972
33890 77940 29604 57580 60147 65130 02119 78096 46000 92793
06702 55366 33230 36268 15134 34141 33309 57638 54656 47247
23115 77368 36808 53892 60969 04143 49994 07071 96445 13289
32452 30070 74131 87470 46301 33539 21861 28332 72070 09459

85230 63281 98195 02841 81330 21932 68854 19172 87441 96350
36499 62835 74947 92451 31299 67543 13277 75865 97485 80467
32792 17480 33663 15164

14864/14364/13464 kHz, 1600/1620/1640 UTC

14864/14364/13464 kHz, 01-08/03-08, 1600/1620/1640 UTC

03525 00235 56189 51073 58270 16780 96649 42037 24795 74755
52162 67089 98306 43533 36556 15583 68691 55630 34625 96941
72281 51367 18107 04005 73971 33863 27240 70501 06431 98759
33766 17184 53113 81559 73469 61746 31919 66558 99338 46543
89676 39477 06771 41929 94525 07102 69275 75480 76737 40667
13740 49827 40349 90663 73836 46219 34974 07322 85785 41491
87502 12969 54446 94944 12335 46514 69706 46993 61796 30639
98718 21360 57039 63786 26514 69439 81759 27080 93885 27478
12851 75486 67521 21011 94937 33360 03178 06029 57285 14015
64623 70860 09806 54794 32507 24402 76847 16936 03354 04025
49933 22049 24997 57282 60020 41098 31708 01245 28231 48397
64624 19555 67016 08337 16322 65768 77501 85427 55873 16034
85304 04493 09307 91017 91845 76183 71481 18845 10612 63921
11636 37827 53448 06946 41356 03225 45139 56467 92977 61322
32382 46738 36636 87557 71283 96840 62932 09399 32002 44168
37884 96982 07334 49055 43114 83411 44022 80858 64966 26216
57149 55200 30937 66322 48030 39825 99567 20207 31754 12902
45179 50508 52789 56868 46927 51755 90219 79598 88315 45148
15325 59100 29995 75702 21942 06645 15124 45764 27197 83527
48107 12535 77149 79457 32438 19197 21925 55282 88918 38833
94708 51702 23161 00977 74941 36269 18989 60186 48705 88629
01048 51146 47993 25207 45723 20193 92162 95263 20310 11779
40257 06196 34980 20110 75014 70076 41100 64716 26561 61775
78552 94279 61771 67970 65237 37430 99598 53640

14864/14364/13464 kHz, 08-08, 1600/1620/1640 UTC

03306 00001 00000 35653

14864/14364/13464 kHz, 10-08, 1600/1620/1640 UTC

01225 00001 00000 35243

14864/14364/13464 kHz, 15-08/17-08, 1600/1620/1640 UTC

07872 00230 24593 51850 51936 46576 36705 65355 88618 13565
33632 08526 10681 29341 84459 67004 90699 74340 26246 29052
84676 32996 68933 89880 67873 88207 79024 46234 28249 10087
97379 89393 38441 77155 58476 53328 02643 55072 16207 40236
77454 19491 92991 00392 45599 50766 22422 86786 78018 21099
26539 21903 80765 32702 00635 81755 76044 73781 43944 68229
11573 65662 68698 09111 33139 14328 44845 92511 75346 88742
45349 69222 63471 93305 50556 79005 03622 63661 12961 01775
78291 27257 40760 21886 85794 57244 02614 19137 04849 55768
96768 23511 80261 57163 50635 72848 24692 72515 18614 50211
22763 56518 70960 17197 93448 59307 61771 00413 96279 85739
51980 42458 19897 21735 22804 84821 68702 37082 23548 19700
49071 06890 97776 02651 55980 42838 42285 12316 78570 95904
13500 17316 66171 36182 46257 80661 01192 35687 05277 89227
10358 61151 04553 50269 14067 87837 01989 35881 74806 13823
12539 49333 87342 69146 42188 30870 26568 04785 41511 79711
93112 67471 00913 85400 17972 49175 23962 28079 32209 32056
75707 91340 07774 54200 74581 57643 34493 78826 79308 60888
44258 91150 31380 43137 82328 14076 50341 39763 65395 32860
06768 33343 91632 88915 36536 37850 88127 03684 25340 92177
58988 95607 73362 15339 63566 10737 01643 16948 43700 18668
19628 13949 64689 46378 13121 62122 39401 32575 57353 52167
34216 58151 21501 22048 09419 42074 16673 42474 57846 43567
05197 83311 63041

14864/14364/13464 kHz, 22-08, 1600/1620/1640 UTC

04997 00001 00000 41255

14864/14364/13464 kHz, 24-08, 1600/1620/1640 UTC

06303 00001 00000 34256

14864/14364/13464 kHz, 29-08/31-08, 1600/1620/1640 UTC

00523 00197 48554 81995 87728 67139 47185 17194 76456 40842
42016 04651 79790 34701 56735 48884 59837 06866 21418 14430
50100 51084 82043 12745 48020 04665 44123 22795 60476 24808
37595 32269 84877 46245 87736 23143 28038 19321 15293 87702
28144 25596 29416 21789 91811 39563 13691 16205 78968 01247
55887 57078 46895 35226 72735 95608 29370 38013 76400 81016
20886 91418 46213 95868 01613 59946 57325 56137 41577 72577
92206 91060 31154 37306 92444 26233 38658 15823 21518 31713
94485 78770 72245 25492 89930 79081 86235 06839 24630 34258
71905 11720 69200 67801 42400 97248 31215 81840 98475 66473
33416 15340 69357 35844 28479 99779 45136 55839 35417 98659
78229 10774 09114 23528 81705 15453 73334 36415 41466 63991
44569 03552 60289 72444 75456 14323 08574 58336 13500 90224
94129 03668 75866 67113 38662 61758 92440 95104 03435 27335
64594 50702 99194 87062 49612 65735 64013 15368 79574 09878
97835 11293 16979 49177 02179 00911 61913 80667 20017 06568
48761 28647 19616 34703 08562 11783 21058 15988 54470 03134
15422 25712 92923 81262 31871 01601 18203 96593 36450 95089
71873 51197 21604 17059 70558 74595 03291 94710 63855 30060
72083 34702 26448 94935 61061 70845 82789 53989 94487 66453

12159/11559/10559 kHz, 2100/2120/2140 UTC

12159/11559/10559 kHz, 01-08/06-08, 2100/2120/2140 UTC

00346 00095 21106 68510 77667 11261 25165 17319 00635 29205
34466 00439 14157 77742 75457 39580 99291 81459 02211 40994
32113 84119 27370 84389 10067 20880 64563 77294 48813 44014
67839 53282 96976 80235 45137 01320 52312 02172 78891 99742
05532 85429 75964 32422 15443 45619 33187 17529 96580 62695
04961 75490 77127 41330 46437 10660 37851 41416 84981 01337
10531 31782 12359 94152 49982 65028 71291 40777 42595 56027
00679 92233 67894 34421 98345 57956 09187 37524 92471 11858
69981 50002 32359 04970 58991 41891 62710 23942 31520 76479
30516 16909 53303 14018 45346 89752 04391 23307

12159/11559/10559 kHz, 08-08, 2100/2120/2140 UTC

07300 00001 00000 32657

12159/11559/10559 kHz, 13-08, 2100/2120/2140 UTC

08996 00001 00000 40671

12159/11559/10559 kHz, 15-08/20-08, 2100/2120/2140 UTC

06051 00072 48506 18554 77173 99629 87178 31575 88278 19311
43496 02831 59745 92717 13492 15861 09446 26293 12360 16537
94237 38288 71924 19356 93298 52311 70623 17069 02096 75767
95330 67142 56656 82261 00652 68524 88219 19374 18549 28432
14537 23786 05668 46290 93339 18274 05330 61605 70893 65326
71098 45758 71686 52837 62438 41780 89453 94179 81538 22623
87838 96997 68033 21634 12441 89574 58919 47396 39526 59524
73798 50215 26582 21169 54027

12159/11559/10559 kHz, 22-08, 2100/2120/2140 UTC

01046 00001 00000 34255

12159/11559/10559 kHz, 27-08, 2100/2120/2140 UTC

08744 00001 00000 36664

12159/11559/10559 kHz, 29-08, 2100/2120/2140 UTC

00289 00069 20949 95304 08497 01680 68979 47259 40956 32395
08387 98525 32510 03139 44152 78952 94489 48315 40965 94601
63974 63128 54140 47493 56954 20371 17016 56000 11654 95021
73576 22351 58976 48459 81906 44037 70304 17216 55772 87891
81939 72857 59587 88058 49772 36980 18917 36202 52506 86588
74504 91788 34517 93648 24504 00119 94370 36702 06764 65687
93627 28253 42940 93811 69077 45635 62633 71873 77141 70618
62279 47156

12152/13552/13952 kHz, 0700/0720/0740 UTC

12152/13552/13952 kHz, 02-08, 0700/0720/0740 UTC

06677 00001 00000 37665

12152/13552/13952 kHz, 07-08, 0700/0720/0740 UTC

04949 00001 00000 42260

12152/13552/13952 kHz, 09-08, 0700/0720/0740 UTC

09535 00001 00000 36264

12152/13552/13952 kHz, 14-08, 0700/0720/0740 UTC

04787 00001 00000 40264

12152/13552/13952 kHz, 16-08, 0700/0720/0740 UTC

07704 00001 00000 36657

12152/13552/13952 kHz, 21-08/23-08/30-08, 0700/0720/0740 UTC

01629 00120 86749 43834 68515 03136 06444 70512 31710 97536
60277 51804 78110 40024 15077 09141 30834 52981 39152 26976
40439 29647 76227 62693 08701 13302 43320 83239 38126 77260
29005 94846 73692 85897 80615 10476 81072 24523 80406 99940
31125 41779 51665 52729 09132 44294 12732 43934 33168 75064
80687 21827 43393 79541 29309 46694 43513 70580 41338 08862
24346 54072 51727 36872 82633 61137 77566 11599 27110 71957
27585 06696 58464 12780 65033 61897 17218 64476 55237 39261
59056 78882 91993 24089 00519 14585 35301 12110 03398 64948
03412 97288 39411 26807 95987 59075 63709 02663 29198 61088
15613 76857 31377 22578 39754 11359 76460 17145 08888 53619
79145 63118 47286 13855 59805 68374 59012 48359 97164 92552
65049 60826 20724

18059/16093/14874 kHz, 0910/0930/0950 UTC

18059/16093/14874 kHz, 02-08/07-08/09-08, 0910/0930/0950 UTC

05284 00114 65011 07301 01083 02341 05652 06824 64772 28541
81889 40633 88563 85276 40048 63184 54432 18812 16035 58787
56351 22200 65108 62767 53847 55291 24464 43722 65103 36585
84308 51357 35164 68953 66953 70020 31702 59149 05706 94635
22888 83714 73311 17749 58738 03751 89334 46597 51850 22516
50955 01992 62873 55643 66865 38248 84608 35399 35624 56468
15074 22295 58618 68586 86653 24785 97967 19290 51639 81859
01650 34106 98202 55220 19899 05476 24828 50147 77183 61506
87382 42097 27725 67306 96277 86494 30769 44637 61685 13937
38281 14517 14110 18695 71381 96622 67351 16272 87241 81237
25222 33113 74203 01784 69539 73911 80365 55867 64462 55662
90515 16365 83259 69912 39533 93133 43604

18059/16093/14874 kHz, 14-08, 0910/0930/0950 UTC

06519 00001 00000 40257

18059/16093/14874 kHz, 16-08, 0910/0930/0950 UTC

09992 00001 00000 36672

18059/16093/14874 kHz, 21-08/23-08/28-08/30-08, 0910/0930/0950 UTC

00259 00101 80145 63691 75382 12978 23909 19872 63964 86561
82136 14703 04192 38070 44628 47076 05585 57369 40457 07924
09563 70095 05115 91207 30228 85653 09475 65224 31281 27392
56238 33171 83860 79535 55444 68577 26642 26958 26840 93107
19900 69183 26957 63620 58983 74818 32623 72576 04045 98332
33068 30325 51036 01904 64872 10974 47477 38774 64317 26305
54906 55536 27143 91109 22316 50281 28693 01128 25901 33579
35196 68496 41521 01922 87560 64966 23596 54737 16538 90123
97750 26517 31372 53589 27188 39019 31761 55438 12794 31165
33709 87615 93549 96193 15141 31876 31353 49454 72136 74815
63401 75942 02423 52757

16264/15864/14864 kHz, 1100/1120/1140 UTC

16264/15864/14864 kHz, 02-08/03-08, 1100/1120/1140 UTC

06695 00098 92892 31052 30655 76459 86760 87160 07795 21878
90688 78163 72073 69493 23586 66647 68502 27538 46218 05374
48050 01671 42856 45287 51149 26955 07240 86689 84552 51234
71747 00280 16774 10850 72308 32157 00951 92199 41423 51035
32020 63527 00382 62670 48450 18744 04088 33908 61022 72181
25334 89576 07602 02253 49035 80845 68031 80019 84783 86819
50298 20401 31777 68956 38296 98622 42334 51538 26432 72402
64640 73797 22882 53427 17342 52360 06596 41267 95791 15934
75225 68544 02979 15527 88684 56810 51423 28065 83405 10963
84095 47121 03001 33063 45378 61650 78266 30869 82289 83886
17602

16264/15864/14864 kHz, 09-08/10-08/16-08/17-08, 1100/1120/1140 UTC

00568 00066 54449 77888 38516 70517 28204 96119 49210 11082
03764 72172 22633 27787 26630 08877 41376 77066 52603 25829
52388 31999 74946 05139 14009 94044 01368 99927 19198 77846
60044 21438 27593 10297 06333 61042 49754 07404 13350 82765
77000 41070 19929 10064 20733 21523 13344 10076 26616 39557
23747 35900 91977 20444 14808 76230 81136 98744 63939 43300
86265 41559 66093 15452 20865 21775 40358 25857 62340

16264/15864/14864 kHz, 23-08/24-08, 1100/1120/1140 UTC

00536 00075 74829 07298 97315 70148 37992 05672 41165 40696
60259 06360 97425 25603 26137 44051 64090 92599 40511 96802
10710 33174 14679 36678 49694 69290 96210 28575 29390 79479
58618 53055 64001 26695 24134 33192 85563 16877 41127 26323
38329 67666 78048 82894 46829 59224 38414 16893 89955 96956
74595 11870 66008 71854 54593 00143 81334 86248 06445 18343
04477 19764 72140 11159 18705 38950 13618 82837 14194 61965
18837 76202 86207 70916 11782 22661 13517 51157

16264/15864/14864 kHz, 30-08, 1100/1120/1140 UTC

06839 00001 00000 41661

16264/15864/14864 kHz, 31-08, 1100/1120/1140 UTC

08526 00001 00000 36662

15884/14684/13484 kHz, 1800/1820/1840 UTC

15884/14684/13484 kHz, 02-08/04-08, 1800/1820/1840 UTC

00622 00112 82618 75725 61469 53892 51761 21406 79397 89942
48528 74924 02155 39582 71886 50296 66077 99396 85911 26075
70419 43959 76146 54106 12394 02603 01992 20155 67626 05610
46861 71582 92758 57306 59145 17438 72084 35165 15407 50704
52222 70927 02374 69742 88946 71226 30215 89195 87850 68759
20589 18998 67836 25799 21079 83535 15176 29516 84599 25452
33619 89623 98879 48012 86793 02121 06588 52452 26267 77897

85023 23492 75664 18614 62725 75670 02753 98117 89944 56878
39684 92023 57213 46089 97382 91790 19199 12616 66814 96511
27034 54268 59222 01424 15025 89456 81454 14139 48328 93081
25755 17770 30570 07902 08787 14557 65227 45624 76684 05955
52107 61431 97600 86222 56306

15884/14684/13484 kHz, 09-08/11-08, 1800/1820/1840 UTC

05593 00105 79712 74165 47698 80624 24645 03752 18760 93062
34059 58018 39137 69724 15143 84862 34290 28131 74074 89682
06970 73243 56200 53002 12200 53123 39808 57237 05408 16067
27342 59092 73505 80126 13216 16254 21782 02598 15234 89321
68223 45984 39037 03144 63213 61574 75428 40714 83477 73830
84485 47771 84446 56904 93222 08785 82470 42790 95685 81897
66087 47599 28050 02546 44764 82765 13709 46304 47493 92409
61771 32320 95903 25841 38558 73928 96419 65682 71218 33074
61586 97446 41293 73120 24690 95083 08105 97579 85412 93518
03264 28638 06966 53693 00289 79272 45051 99746 49380 80806
32118 44188 58938 55262 92352 58078 55943 02006

15884/14684/13484 kHz, 16-08, 1800/1820/1840 UTC

09082 00001 00000 32271

15884/14684/13484 kHz, 18-08, 1800/1820/1840 UTC

01963 00001 00000 37257

15884/14684/13484 kHz, 23-08/25-08, 1800/1820/1840 UTC

00576 00239 02553 29881 49551 20121 26020 35857 83333 36076
96164 19913 66575 23030 54682 75864 98826 03032 53748 72265
47163 26038 50705 92638 79348 54964 32800 67955 62263 08798
88793 85298 36445 87535 86150 45606 04689 84208 82588 44524
71974 92316 21033 93961 18618 85601 69787 82415 73184 09175
97238 84899 89807 68450 82779 09324 77636 35036 91237 60010
81051 17773 01208 28135 50540 73595 39798 84192 18869 66726
14528 60756 13255 48324 20068 87609 10406 88274 02506 42626
78636 63303 57124 60320 75563 23823 02722 77165 53782 02990
02716 02486 04916 44643 26929 28868 46365 48807 73045 72668
65661 20436 02686 22974 38970 56340 83732 84904 88809 03104
17701 54111 48738 36216 91110 87917 16439 28051 52513 12880
92224 34201 77200 07399 89472 00321 43981 69202 18080 90952
49624 20893 89112 01467 60274 53913 93765 30601 46450 43094
45550 76819 01906 14520 98248 13033 67959 38074 51341 20158
09794 17176 31011 25647 80899 16956 61792 89269 91595 89963
77653 61973 91672 38662 05153 56677 54022 60918 16107 11836
99670 72557 34864 03210 87388 42079 44331 63548 88903 81710
55769 85571 84995 87597 44071 83823 61159 18675 41583 31082
89280 55242 42678 29380 38913 31607 16079 12061 48542 91333
12662 06028 88570 27180 50325 53054 95031 29468 24223 18817
71348 53631 72456 16652 77205 49356 66080 79109 65091 96798
65046 72503 01156 37800 14808 53237 48192 07116 76748 75281
59214 31473 25589 54028 93653 82500 13428 05096 61604 29475
28173 05656

15884/14684/13484 kHz, 30-08, 1800/1820/1840 UTC

07759 00083 31454 49464 42845 66638 09309 09178 49586 44594
32831 31492 30079 97837 10772 57691 93730 04691 04212 12336
26367 91877 12179 38682 75612 49871 36051 07363 37562 00419
92589 45320 41186 79997 30812 48845 83495 20936 24058 67579
74340 64916 96245 33295 23384 13178 67530 85403 11556 86235
29964 13689 20158 09732 52235 63616 59947 39008 89710 70959
31645 97984 72523 76928 99930 19529 42516 45834 67545 22976
40427 84424 63244 05176 47890 93735 22133 51564 94472 29615
70556 62340 55934 99595 86844 74676

14372/13372/12172 kHz, 0910/0930/0950 UTC

14372/13372/12172 kHz, 03-08/05-08/10-08/12-08, 0910/0930/0950 UTC

07665 00078 29500 96605 06662 09904 64528 57974 70839 94870
81574 65283 47028 08215 30145 00648 01545 76839 03188 38374
37324 85997 79469 73132 05539 72382 30087 35534 71921 00594
93235 73533 59495 00628 90467 02617 19396 64019 47964 58187
66591 48169 16318 54432 07365 88249 57544 00112 41500 61338
19412 57714 99250 95866 15322 65032 51999 93849 79573 00288
80441 77647 41749 88369 71333 99572 14153 70320 39122 88787
81600 69336 18057 13679 93457 20867 65672 40480 00383 78635
00433

14372/13372/12172 kHz, 17-08, 0910/0930/0950 UTC

01690 00001 00000 34262

14372/13372/12172 kHz, 19-08, 0910/0930/0950 UTC

09662 00001 00000 35667

14372/13372/12172 kHz, 24-08/26-08/31-08, 0910/0930/0950 UTC

00522 00142 68116 30978 40500 29862 52020 84492 13821 96786
68327 53693 13757 00832 72110 44680 68009 16714 16128 70020
28049 68642 03401 36098 46445 32762 68195 76017 54583 72058
33387 39409 10455 93983 14197 09669 51343 66954 36351 82653
50842 72938 59237 95781 68120 72071 17167 69690 69506 38070
16923 60495 14521 67784 62457 47945 59974 59923 72899 00878
02261 05780 58777 20222 64290 78949 13734 68165 99726 56420
69229 82727 82892 42809 57086 49008 34038 30190 21970 38573
01903 33338 68329 90575 84009 66779 88658 56832 58780 63024
21348 33864 94123 16177 95724 54160 89880 67040 63349 58474
65110 58203 00133 89168 97333 38885 88272 90461 67353 96108
98516 37952 24898 94268 66327 65203 31955 26022 18545 43734
34070 92776 00616 60173 00172 62520 64551 64583 45861 28039
95807 07439 83932 93195 94028 56111 96676 09177 28151 61611
28847 27904 42101 17553 21021

13962/14862/15962 kHz, 0800/0820/0840 UTC

13962/14862/15962 kHz, 04-08, 0800/0820/0840 UTC

08763 00001 00000 36266

13962/14862/15962 kHz, 06-08, 0800/0820/0840 UTC

01159 00001 00000 36256

13962/14862/15962 kHz, 11-08/13-08, 0800/0820/0840 UTC

06468 00163 79022 01330 63706 65560 58031 32182 51827 10326
79459 55695 82701 35013 62125 23368 80833 58034 96579 78464
40179 08753 11835 44931 49193 01256 29659 75497 42913 85539
56267 06905 38193 31471 62298 34964 61051 68669 76438 64012
92315 54592 27600 11086 46469 17188 71093 18740 61934 01920
35109 18493 83404 18591 22578 01107 64803 68666 09750 93202
68458 45105 54685 86368 89194 32491 50288 10679 67791 64319
21778 67124 91250 99950 04304 90188 54946 04382 69497 19692
83941 70237 37680 56993 39632 84413 17258 87467 94601 01131
61092 39961 56471 40237 33429 24954 23745 83657 45780 88591
40396 13006 31268 20933 05096 88493 97850 19971 68998 72212
26765 01800 02051 38228 67261 62420 12016 37945 46298 33851
93413 83031 12974 56859 16743 07397 16503 34649 99109 44498
81495 70783 69833 51361 43902 82703 15110 16675 48570 45772
81152 08852 19426 69977 43014 26073 49677 72887 56689 21506
79727 91917 07361 37130 91084 73073 60587 39697 17802 34592
87773 99386 18733 76758 52579 32673

13962/14862/15962 kHz, 18-08/20-08, 0800/0820/0840 UTC

09215 00117 37060 03112 41804 80275 07321 95766 36587 40664
97058 95851 91119 63960 62402 28859 56234 11628 86650 81313
05584 69711 50781 53457 74602 42003 07689 77639 05720 86571
52864 49658 57667 54153 44436 38311 70138 06685 28638 46558
13881 93686 51798 06204 43358 57393 67227 27496 53517 48748
04822 64887 17248 05079 69213 01721 50654 24415 75188 48972
08427 10938 75462 17888 04921 92637 57023 62951 08550 88245
03950 00849 27889 81555 40471 63607 81462 22622 33587 55150
25172 45507 52049 81746 50582 68660 10719 56136 36372 72360
09527 09514 86506 74296 64168 86314 46278 27886 73179 30534
08957 61061 97977 09999 94380 89175 63003 92433 64055 75773
64703 86222 90323 32723 48605 88421 70528 30757 00005 40055

13962/14862/15962 kHz, 25-08, 0800/0820/0840 UTC

02740 00001 00000 34656

13962/14862/15962 kHz, 27-08, 0800/0820/0840 UTC

01278 00001 00000 36260

13825/12125/11025 kHz, 1500/1520/1540 UTC

13825/12125/11025 kHz, 05-08, 1500/1520/1540 UTC

02114 00255 71431 87688 42804 95435 63052 79137 73107 21705
79731 08409 09104 72481 80107 49896 58575 30080 62813 85138
27163 83687 48518 49667 97467 86969 25433 55745 62142 78423
63996 31446 23023 49896 54417 03492 59222 35680 19703 35307
63834 35437 80760 61264 26677 90263 83676 80126 66511 45427
48879 55769 28528 26907 04847 72786 85947 67829 40797 80856
04892 26725 61186 80301 88073 50712 10699 48957 32828 05594
73537 25175 45178 25253 51791 66504 09416 72216 17137 15628
60707 24829 50767 31262 38758 75184 55219 71719 72049 87975
65793 59007 65213 02143 11034 19587 78189 73571 82800 36271
85671 56683 40149 17979 40245 89385 34603 66452 09997 53842
48449 73793 50760 44850 14100 01891 59732 12641 39397 14096
87727 01207 12657 89459 31935 11401 57814 38519 55356 94643
55035 97131 39722 52817 22997 76481 46696 18804 78253 88103
38524 87927 14805 54182 22007 88846 44458 70916 95014 05251
58472 65963 23048 31279 49337 84932 54633 66007 30142 95713
96470 12366 50033 04483 10958 49813 46927 61065 41026 26008
42750 54575 76692 74259 25213 03170 55347 46860 01130 40454
45585 83019 52207 01647 10238 03731 71514 77346 51023 96640
23802 17894 31337 78522 34691 41865 12836 16828 34585 23799
34999 52617 70965 57957 35047 17308 69945 24939 66979 76563
29432 04013 36116 90330 16518 49488 90393 38491 07400 54654
49740 07906 78617 96290 93145 13724 41079 98283 25333 98111
47083 04804 92310 49734 74449 70436 45985 88468 02681 46480
29806 99966 08532 50734 22118 32663 02529 18255 85723 79670
41122 45895 12739 73869 80426 27706 75162 76050

13825/12125/11025 kHz, 07-08, 1500/1520/1540 UTC

01112 00001 00000 32652

13825/12125/11025 kHz, 12-08, 1500/1520/1540 UTC

09554 00001 00000 35666

13825/12125/11025 kHz, 14-08/19-08, 1500/1520/1540 UTC

01835 00180 82443 88089 41310 62811 30079 16383 54527 35743
91675 96655 00650 97022 90753 85639 50870 59726 01684 60599
43774 90441 88119 02393 95161 77392 95144 31552 96810 25054
79570 31435 72175 80077 98948 46941 04655 61419 96613 36252
97913 00637 39719 00410 90543 11186 64355 82312 41996 75793
95341 38984 28068 62515 94756 43311 46610 92669 33291 62830

01331 52430 40800 35631 38854 65163 87669 58113 82241 64633
81377 58353 79403 34889 40558 77695 05105 96982 95716 00653
40343 50863 43314 52310 95573 31793 08908 75006 18548 17527
16714 58980 72241 13056 09550 51532 31738 45137 06585 11655
23941 49940 95925 59242 30142 81889 09423 75159 63225 60132
02954 38238 77496 67328 17976 87076 67519 50994 68108 75591
99468 19110 00790 06990 45641 90252 48875 28287 80640 86853
74658 63391 80773 56348 43953 61344 85404 41011 60440 08051
86004 03217 03898 09593 32117 41178 60327 13808 12061 71073
21170 23784 47689 58243 87400 62271 01863 07152 59490 71477
54899 92835 69691 99382 12361 91118 22117 05416 61730 61753
22608 07936 44591 31091 91486 67513 87435 29696 19957 67876
87730 86359 50105

13825/12125/11025 kHz, 21-08, 1500/1520/1540 UTC

04255 00001 00000 34661

13825/12125/11025 kHz, 26-08, 1500/1520/1540 UTC

08077 00001 00000 34667

13825/12125/11025 kHz, 28-08, 1500/1520/1540 UTC

00469 00230 68100 15741 40729 80153 14661 32949 34436 25582
56167 28642 04874 76704 59344 57462 66190 73361 59364 18808
35062 48566 24952 77218 39813 12476 53858 96504 03906 51460
77314 76071 23203 29542 77540 43074 79778 40862 76756 17045
54462 13243 56390 07545 16781 23935 03513 54568 94714 23119
74639 15044 58772 65327 10430 20498 24525 92282 55611 09885
83450 78657 37552 12400 98132 21007 33511 07272 66601 79515
50452 62150 22299 49759 57092 65966 35634 18091 47340 01292
05413 65770 06697 83602 44322 15092 16087 32973 04824 73848
78077 74275 19434 82542 05379 15988 34961 19026 33248 73070
51012 13689 58318 98633 28826 50384 96981 97500 36556 64231
92977 89598 62357 74540 93820 06517 30078 76720 16795 67118
55609 43138 80299 13600 79404 07485 66461 30829 42144 63652
85753 79984 27840 55088 19636 08481 76766 48056 27404 85627
46027 48021 21797 50701 44665 69085 62551 50962 47485 46301
62297 35728 82425 07616 48132 20118 40777 56092 42491 33332
12453 82304 28808 29002 28641 18233 64108 90337 86801 31874
39111 91269 44506 36515 09136 41753 40281 00281 24061 33228
73946 63682 26177 94777 29002 51872 99234 17324 65075 29042
72339 76134 49839 32678 85066 99692 35551 38548 40144 03472
58759 59606 98026 21462 22316 58190 76755 70903 89065 12331
22680 06054 14885 64296 54568 80031 99781 21635 86311 60573
42664 79057 70375 31739 29447 53983 23461 32449 72769 78785
72574 18904 25436

Test transmissions / Exercises

10427/11574/13432 kHz, 28-08, 0800/0810/0820 UTC

08624 00240 19986 50403 49252 12571 41490 97410 95883 10918
40448 56611 51698 35087 71604 61675 85514 13592 92708 27230
15169 49812 19190 55530 04146 30610 05770 59831 38623 62615
76101 92697 48714 40003 71338 12321 63817 09817 97157 82863
04079 91506 89350 51667 80428 57489 21100 75270 72897 73861
59252 37458 90608 55387 55440 90880 20961 64455 46257 18642
06800 81658 58787 33268 34816 47750 07896 11694 63748 59283
97856 75697 16434 09845 23151 23661 60461 67522 75100 46655
09509 30499 86933 64760 03363 38642 02089 93326 84562 80457
91358 99361 63559 78514 76063 22419 32719 56081 16850 32678
49593 09405 11521 13613 76003 83553 21024 80763 32236 31778
30418 53437 89353 99600 09133 76299 94723 94025 29904 96173
45660 14569 27131 83290 67923 98494 12137 37919 33780 00731
90941 04379 50671 42421 97061 00103 18977 73320 88756 19808

17618 21325 61089 52783 50038 37920 10007 63958 69380 99762
27695 38693 26177 20675 87017 35024 82273 28230 45688 77508
71416 83103 46982 31505 40836 26039 02766 46931 02538 09029
57321 21403 05269 10095 78555 24335 53478 74346 33252 30002
88486 48178 68537 34017 73034 52248 78201 29995 55403 62037
17828 90746 27631 11248 48391 34513 74341 29583 11947 23999
35154 63074 61419 60350 42440 06291 33424 16082 42119 62681
81544 07927 94977 15685 89020 23237 14565 12964 58469 88587
47836 72769 91527 40500 91200 66574 93771 94020 61702 44042
49992 23894 62399 09252 94847 25412 86757 08186 91575 66743
18823 62119 74041

10427/11574/13432 kHz, 28-08, 0840/0850/0900 UTC

07004 00202 27240 00964 30066 21829 77625 35752 14096 69006
23630 62161 24739 32061 93999 42271 19040 73103 43440 88184
29859 53102 15532 62581 90501 49396 44246 65433 14967 80982
47546 11904 93795 30190 07036 80567 33724 79946 67196 46412
08231 22166 55927 42132 14578 88363 25169 84568 36236 31953
25061 92396 53864 06575 02424 41122 86089 64657 10461 80668
77581 12192 20785 33113 21460 11725 68365 94548 25025 13432
08546 39093 05910 97026 69953 07693 97174 73398 48002 02138
24226 59676 29196 83013 55921 55148 58038 87219 27766 65912
93476 69066 69484 86523 68830 06038 01381 22813 20672 02852
19997 30620 59543 22804 23406 85967 86486 56836 36621 94729
44947 13691 16654 08323 56442 17904 82994 37760 77191 66310
53686 81145 66781 59111 19954 39479 69607 19386 28196 63914
06311 74360 52725 45150 82139 93604 00133 06391 59607 69953
68660 01201 50597 33035 21965 79784 52411 61161 30081 50925
23043 63609 45621 54360 49165 38851 63837 00432 02850 83925
16359 67100 28640 72705 88418 69585 60964 71503 26183 62836
17771 76602 78162 07238 97648 52484 30547 33746 37146 40168
87066 08445 89304 77270 40871 42700 28738 98363 95983 43287
29767 99700 03541 75680 53593 01560 72560 77891 44616 52379
18819 80907 34978 67243 74435

10427/11574/13432 kHz, 28-08, 0920/0930/0940 UTC

02498 00252 42626 56654 92570 71322 30610 94527 90278 57335
43756 92139 41575 94647 64757 91063 84354 77631 36129 84351
64383 73393 37955 02854 69928 50349 10754 81969 08181 04603
42541 95402 23254 96522 49759 31164 81598 47266 21303 87208
28560 62135 31011 07201 02540 15064 78258 02056 03760 52210
62926 94433 07020 42920 08302 26085 14600 39772 86724 42221
60568 48640 86346 85674 14794 48352 68885 45052 44887 33592
09465 37088 56327 48919 55790 02247 42381 30753 00314 54864
72089 08697 78208 55969 41675 48107 88382 80332 88220 23674
16564 41826 60541 79080 26640 79918 75788 45335 92406 54186
46178 33205 57167 70166 42745 25838 38105 58099 87128 06054
83702 83845 39457 31860 70130 51870 70430 30376 43999 66686
59969 88551 56831 21213 17028 67638 76545 77245 22279 75870
26457 97044 38346 46126 08685 38883 51529 08042 13224 15836
10001 30282 93202 82165 39970 32717 02368 28681 08950 74768
09488 45411 01336 25720 94216 57626 76373 35954 53138 75105
49292 60858 35820 11257 79596 86657 45499 93330 23174 31246
00341 62388 17151 28162 56684 29686 95347 74665 81242 84310
65270 47863 68295 47509 66382 81044 95708 12625 51909 51058
62509 15575 54902 38117 66543 49142 94461 81944 02568 53311
87217 09036 05506 77703 74427 47099 28259 73172 69035 64529
62277 01707 54711 68827 09835 01428 92561 88309 44874 98550
90947 32873 41420 72115 68735 84764 07485 79033 61617 07541
35224 13403 72096 27930 97091 56233 42356 90591 73081 19283
52785 22535 43589 87378 88779 60801 60863 86074 28282 65115
56579 06152 37070 04017 74624

10427/11574/13432 kHz, 28-08, 1000/1010/1020 UTC

04209 00235 68188 24942 97163 33894 13038 63533 47722 79529
42171 43183 04612 99469 18619 77729 36818 32428 95484 61886
95029 58842 05313 09863 52393 57041 75851 29356 55789 84007
67789 34514 95573 78641 55016 50498 94498 68929 14533 68739
16379 45731 66020 46535 78925 09082 81362 62265 51081 87310
60596 97570 51235 80582 81927 43521 30417 58325 72548 40122
58041 83681 07744 63714 11739 07656 47609 25969 44452 68120
83229 67888 17894 26745 45506 49297 92821 58776 30936 43311
75677 13586 78274 68477 23410 70217 83277 14991 96712 11495
20081 36173 96379 74410 10697 32697 37987 02305 34796 71268
61472 55393 17813 82959 04081 92707 79676 24490 35075 32630
50698 71639 27389 29237 64443 44455 05407 39265 40304 41520
24378 32618 29255 32956 48039 47056 71507 43482 16047 12808
11309 90515 23980 59666 81838 20284 95772 95313 64396 30702
90540 58787 79914 64081 60796 48440 08783 67142 09967 66241
27290 98721 62000 93274 46890 28853 26137 84855 34920 57024
21200 36193 08442 22266 21321 60181 47659 67721 47397 44158
48682 10092 74867 09601 50979 65589 52702 65173 72159 99597
38272 04364 33515 49805 85517 12586 28515 30705 12775 52984
94146 10916 60392 07372 09502 54346 50345 57647 42760 00614
00781 41061 19744 65807 17559 17197 23853 52398 42294 81300
76150 60963 12695 35322 18751 16835 02678 58636 36748 08734
31666 16953 54945 94412 50011 37765 49699 67495 00099 96632
15244 95054 22412 71545 98816 97209 84618 30347

10427/11574/13432 kHz, 28-08, 1100/1110/1120 UTC

08607 00268 25447 71573 51992 54342 42543 75770 39524 35707
13297 51254 62412 85724 67124 92941 86463 11016 04327 80590
69398 58077 41902 83191 11091 93090 67996 47527 54467 75821
79725 71652 15595 80285 76624 18533 52637 06938 50612 29850
54046 97485 41705 47727 42862 20532 72418 41243 43647 13864
37411 87475 54546 70859 97324 36075 26304 42254 60482 58901
86345 95014 21303 63701 55980 41644 35659 82125 09100 48590
40304 79525 60402 74476 26544 71911 16371 94173 40328 90557
20671 26752 03880 40602 38409 92249 17105 44735 82959 40549
92227 10382 46455 91710 43504 59030 76182 78002 91746 01218
84872 90291 32143 95055 73559 57885 27073 80069 44315 25413
19703 32130 01926 69923 38229 59592 91134 80700 25292 63730
24538 90923 99165 68549 56361 29921 33070 68690 30972 67512
95728 38368 02427 39109 05685 30378 94607 08823 67041 80523
65175 37034 00419 57546 20846 60097 08456 76530 53481 83910
67894 95480 52710 28015 76678 93948 91125 63592 38693 43638
24814 58381 49097 76801 29683 81333 29702 62815 64238 07850
64984 82310 13658 44767 98553 87502 90503 41619 47703 96263
21465 56539 15208 47060 99617 00247 85657 74411 62430 11736
39252 31014 70129 23403 55709 06793 87936 23617 27862 39511
30395 45640 12292 45630 18925 85582 81821 07942 29460 89174
03444 49506 15889 42429 22172 68274 43173 02036 77183 29436
95675 55290 00385 52502 68597 33969 12181 90254 89057 91759
99565 66885 13756 08192 65868 75824 44246 69577 28135 14034
18424 77715 44950 73254 08291 89744 15125 27700 01230 87433
63619 85899 46433 98424 43834 75103 45254 59789 77032 84954
73400 91566 18883 37699 89608 36558 35749 07696 76559 46347
17777

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09679 00296 79418 37545 21793 49863 66657 46286 80172 81701
23732 17505 50489 43954 33459 06059 40674 91059 09425 22414
92414 63749 16418 70238 16055 99810 56692 27926 24172 62376
80825 50259 08917 91239 66651 90459 67161 60943 97066 96639
45726 00699 26135 36485 25557 08002 24902 64635 74493 84016
54425 28773 98606 82580 65966 96376 80033 09180 21490 21981

93170 38730 22114 17795 00875 73472 08587 59249 77301 42999
38897 79730 93991 12784 76687 91714 37614 79932 44680 08052
74908 92055 53432 40154 07951 52052 51652 26336 25272 70273
10425 57980 39452 75084 03468 06995 78584 08339 35610 52084
99413 65651 87332 31493 45119 74694 34781 85821 05892 74250
58762 00101 64498 13437 47072 01115 85297 81958 09844 48822
21819 82250 33976 07028 32573 80915 40277 18906 09316 69692
13130 29274 44321 92595 08638 09257 04722 21938 95034 33255
17271 65830 20444 51021 11510 10324 93481 26015 28012 02353
21697 96624 98494 86787 30264 17163 31674 80304 98919 64203
34416 15874 76505 36199 61119 29488 55778 71902 04799 37815
96391 63358 86922 76588 31550 55988 61805 82954 95516 22248
87433 14262 90893 06962 47994 16505 30779 57533 62330 91473
77581 24417 23018 30831 98838 01396 89323 84243 89900 82021
54545 21578 21215 90196 05960 58338 09702 21906 55236 74274
55356 48718 84787 76670 76768 20154 24979 69542 88203 44614
98707 98244 09571 13324 60232 71974 40339 56090 77748 30154
66663 77561 93053 13494 67702 65854 93045 00696 01001 89655
06802 08873 02296 88054 36116 28862 39629 46347 54061 78683
76415 19781 96038 45285 83312 56299 12007 07891 29964 33985
17998 53610 44156 25082 07611 77794 55664 71292 08967 10914
27107 24283 68540 98547 37812 89834 95947 21515 77206 31369
32345 93991 02029 99064 53737 46882 81521 47767 30181 11403
53847 85153 70731 67015 71657 53191 64716 77213 11442

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01845 00209 54681 75467 13477 29589 04376 15575 19555 49848
49362 44067 86094 68217 07908 27972 46622 77766 44188 16475
85916 48698 31002 67855 53024 31930 94202 96527 02864 53975
61442 91946 26559 62024 29043 17147 08849 64325 72957 45599
86693 03188 90555 50485 63631 64232 15022 51576 04669 70042
34708 46517 69081 21516 78530 75870 78415 86824 22443 81545
35385 07847 12710 65578 88404 57414 17508 24069 39174 90759
19122 82295 04808 98587 29780 82727 58141 80516 04223 88790
16908 42626 91858 32820 19267 14924 22865 05043 83493 53172
38730 22023 41881 91410 10214 78846 90476 24977 62079 06216
46724 90951 12401 13908 50919 52411 41709 70492 91734 95801
17728 97898 82601 33652 64637 92757 15987 79889 46311 73480
34549 12464 40575 86001 52029 97097 40414 13396 88373 50933
92250 33164 18436 98006 42066 25955 30225 77949 81899 66854
73213 52371 13308 87691 35443 40831 39421 08229 26773 17455
62848 10587 78665 88598 71666 34259 50375 26399 61878 53821
11997 28312 82118 40800 03550 84563 79461 84593 91584 38682
62532 38037 97988 79455 00266 82176 99155 52883 50557 11197
57676 32184 86622 70918 88074 81663 54498 29837 26339 07806
75578 03825 16071 28078 54857 44901 70252 72506 84140 50878
61369 54826 16643 88089 54921 24821 12597 99208 88331 89489
35102 35740

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07621 00273 95665 50411 06235 54645 09022 21749 63963 14759
29338 99924 76623 37538 91539 60635 77861 40885 24969 87756
41047 86003 95096 53038 62458 47297 58728 09405 38022 70687
38957 76588 11239 96099 22049 20765 93411 50781 52830 22133
67319 08195 37081 88167 80226 43262 92055 54606 16565 47646
86068 62273 05854 56024 51585 09232 78531 42627 87952 58936
95916 99615 83725 93274 75800 52748 88685 80523 15489 70774
67223 27080 88054 02836 20436 32852 48922 06928 72811 19195
55240 04121 92839 90375 84617 76683 70734 55213 44513 12817
42232 50784 62827 93892 26216 67702 24468 43805 12367 27477
54576 11532 39117 45790 80422 58987 74217 03018 35588 18732
60308 71603 69815 68756 03696 91794 06776 93348 08657 99115
82013 33471 36010 02671 28541 16439 64251 94161 76618 52732

08384 05117 94560 45333 64617 43708 65002 47049 09953 25630
02466 67715 19624 25780 52507 70628 80967 94070 90195 34420
60926 31118 35148 13250 45463 21104 75521 36446 17248 63982
94735 80054 26398 82854 10348 55191 77042 24482 04139 59987
26792 59726 83395 83025 96649 14297 13847 10229 50163 57912
35470 70180 03966 42198 91805 77264 69968 81309 99868 43512
68186 28556 29800 45969 30893 22410 41316 36769 15432 97314
93585 56485 89931 30208 07628 01199 47722 52121 16599 31166
07257 65291 86281 59335 28512 24555 76088 84199 91048 33083
85222 95731 24612 60625 91800 98234 29925 37426 52132 74238
72979 77077 94796 52847 64326 78983 80248 73757 34569 90605
29542 17846 64709 68702 36255 02894 42273 70464 17456 06338
46321 57116 45719 82347 12091 97852 31873 29306 38406 09392
71273 10295 99987 42359 58186 30179 70494 33434 95007 49528
44306 02331 49629 00442 03541 43517

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01519 00241 04656 82002 60519 42708 19671 76271 13815 24335
93131 75112 39877 41295 43152 11539 04109 18483 17708 53644
35205 41004 17268 17935 40944 97820 86509 43569 60639 78332
31983 71757 85184 03135 84476 82964 90934 91902 94528 19036
92417 70967 75377 42234 80887 27265 97149 55493 09146 40876
11231 50856 56475 85555 77945 76969 24395 86720 41057 62697
56198 76101 15632 35482 92351 21374 89926 36742 56818 60186
20603 12205 23954 98671 61225 64236 65626 75032 37046 13679
00671 31016 34422 19763 67100 81125 15282 99628 25189 07506
58568 04213 50845 31830 62837 16316 55335 39895 49882 59513
37337 60407 98673 48958 20272 99024 26902 57803 24329 13708
11343 49361 49674 27378 62026 25182 41678 95867 68380 11225
06092 90296 11553 49311 01618 16390 61359 92123 35834 44908
08900 25730 25150 77532 76340 40262 32341 85462 99490 68074
54223 57478 75298 11480 96161 09207 54537 23466 69802 37654
74636 59466 71513 38656 53421 47039 48854 49361 47340 03881
37665 34778 21969 79420 04808 85611 24211 72141 51036 21763
92840 56215 96376 00306 57001 48613 14998 00072 53149 92409
61851 37893 22320 98178 70271 49433 54216 86492 24110 29301
91407 82978 38121 95608 30409 19444 35508 95877 06672 10550
84994 82395 72429 48039 44813 18421 63088 71207 81654 04808
32041 48781 96211 54929 42029 99771 12458 23789 09148 55373
31394 37717 48030 21735 30355 09861 18093 00768 69895 37556
13104 19119 93399 42598 07415 79454 65462 74279 53365 51849
86343 83008 04838 73243

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09686 00280 08837 79017 12969 19404 58692 24313 18812 88176
85197 49739 72615 38618 32231 13180 51519 18820 21554 78700
24409 72298 22445 54926 56580 46825 82928 64454 90698 23124
74203 21466 00949 06745 68662 45769 99411 64699 80873 80980
95233 81279 51462 92242 44444 79505 90050 75082 96738 54908
01512 95689 22920 78127 88377 56701 57718 53909 22436 66142
36475 94236 33613 95687 13972 63730 48789 65870 69954 86460
13767 86818 37946 40573 83465 43129 20835 30202 10482 77073
56774 07845 67714 35790 21611 78513 98545 22821 18366 11961
88050 45501 42262 14730 44504 00996 47665 55774 78269 80712
30715 24180 05128 10277 41140 14693 57742 82346 94660 45248
35865 27516 43427 45362 09368 28630 26522 97822 74075 35458
65184 25968 47503 57993 98409 68264 44555 23216 96067 82468
95462 65060 51931 29768 46357 32594 02717 57436 94649 06918
20770 16198 28159 73117 76094 60533 02074 96899 05361 15874
74473 49842 81697 42811 15528 04746 76675 47133 11867 72874
70136 34526 86278 12192 49784 70803 75584 13658 99003 76773
25912 69084 03172 67157 14687 48985 97808 74385 81897 37875
66190 47655 17854 80192 07994 45619 83361 09120 14239 41610

55917 55582 45569 21774 36780 86242 29919 15966 23332 05291
84948 88415 97894 28587 89960 05389 46669 14540 28123 66542
06937 02290 65235 73990 06684 22481 16671 06085 04198 04165
87441 66463 99417 57392 20855 70329 23515 81397 30377 28443
19065 81841 51052 76606 52926 77773 49759 89266 90230 02604
98948 68821 80995 47696 34673 53627 90345 71577 15090 14299
69570 23833 11768 19167 17848 18484 88996 40502 07731 19631
81873 65271 84161 99678 47476 25094 51237 88628 21064 28909
72720 27404 15853 01593 05215 18619 85467 51721 22719 67227
79982 51936 37120

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05771 00236 96615 15126 78258 95094 03221 71867 60739 50228
90431 74000 11754 46388 96106 39204 69689 86680 22177 38593
59892 67050 85999 25292 11642 91540 38643 81862 53336 26103
16582 32055 49638 42075 78335 55542 11746 41591 94466 72964
77386 62529 64412 56546 67743 86226 98109 70348 05786 88226
44844 29775 25000 27413 40984 44263 50748 71322 03484 86716
56450 21357 18531 34636 33645 58376 24362 69677 68051 40563
27457 28098 92212 49211 61205 97362 02637 29453 57548 25414
93430 68294 76075 65108 81257 86805 07055 22224 01091 34072
04794 40423 38107 07749 16514 56028 43998 29776 22900 09367
61863 28431 02296 65221 60769 16746 37562 75788 66206 43621
41625 21295 13774 78068 93285 88155 45281 53421 53377 46839
51320 02137 68585 33979 35769 87032 89989 84463 32697 05177
53363 72860 06552 48180 63550 64998 65998 10853 04338 64511
49243 31266 56016 57469 92446 83498 26648 60037 14462 28357
10747 90576 76397 76060 58045 59726 59844 68316 29452 73735
26755 53098 43090 61029 90256 68763 14742 65592 14518 28287
22157 34427 49082 88864 97594 20054 46119 11116 41531 52269
60384 29951 70000 04339 94429 62786 96462 30491 90134 03823
05153 97680 81400 30602 37756 96144 88174 94986 67211 23683
68755 61055 45519 86174 06200 76319 41493 87531 78465 37990
13606 48728 26784 77181 13351 96802 83096 38751 66599 27470
72300 84250 75457 10694 23134 24475 53025 18480 51108 01449
31879 51132 43903 17848 83512 99328 84431 83825 10507

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03583 00223 52026 88583 00583 03358 70472 20030 73720 58738
05056 07383 08813 37287 63073 03876 83370 08028 72680 36865
35337 22684 16263 08220 33526 60327 33046 36333 60072 80633
14846 57366 80802 03856 00382 30048 65806 72838 26685 05588
56066 38868 50060 72683 05583 83386 03068 08380 00657 42717
40283 06003 60835 60068 30077 34685 07386 33806 55056 50256
80200 25038 58056 80866 31683 36688 06380 04866 35803 33023
38068 20522 82232 66081 68686 85356 62522 33568 02626 50028
36058 05765 35675 08355 30350 08852 86528 28733 63778 66685
22663 20888 06682 66538 25387 30838 80820 58082 39900 57903
66915 08302 72475 77531 93646 08770 33870 93642 80380 33608
62060 63806 30278 03828 03087 63333 88360 30600 50526 22830
50058 86735 31086 68207 00360 26068 03630 05683 30803 36838
03535 03330 03678 33723 83202 38856 43288 58042 23707 22678
75880 02886 38363 08058 03523 58855 80608 02863 63330 60830
32365 30208 07656 06868 06745 80078 66204 83266 66060 66477
05030 28075 50837 33530 30082 47830 60026 86554 21704 64240
20055 30307 04883 16837 36848 38260 38362 23026 73683 50603
36548 80865 31153 80860 05362 63305 06683 86708 37877 03033
72630 50020 80070 58228 07638 36775 50047 03830 88876 56680
88727 83063 80038 08200 38786 00056 23223 78807 70008 58472
30807 33088 08582 05465 19928 24074 95920 70875 28058 55866
41147 73408 58577 18680 81588 36260

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04671 00240 75371 99392 12947 77191 63446 69102 57759 13709
29067 49919 66821 41344 33431 40197 25565 85865 73396 73517
51043 39200 13235 03711 22235 56185 69437 57865 13909 90047
02324 97398 24773 92386 37811 69287 61591 58474 77859 78879
34306 13628 08707 40655 57992 71016 38225 19180 11352 18379
87858 54673 30427 79392 85955 27999 27630 71659 77157 56761
07754 05580 55193 67711 11384 31668 25145 74434 03513 64143
78605 67090 08006 94515 39210 37414 30492 72579 45718 51217
17959 50256 46513 95529 02188 47650 66971 45380 06430 09832
41656 89930 81315 21097 71125 28726 58434 40995 29270 26323
45871 63789 15666 47207 39773 20768 46667 35910 40181 48541
97505 55050 25941 25939 38801 57496 59065 59663 65522 63733
64696 79764 68004 93680 22486 88673 85773 86907 23390 10484
78979 89496 43309 19394 05346 54168 34590 99304 55755 81419
00983 31060 05198 57888 12325 86605 63989 55376 82295 13628
69659 98770 75471 65535 61626 66106 95784 21985 24721 51098
34993 59758 12520 29697 69560 08008 11741 06546 20593 84631
22906 59759 03907 84102 62750 33636 74566 10116 81354 35880
24684 30397 04612 09761 40823 80207 14025 77772 57767 39239
58383 12604 74583 04657 46426 41223 18539 75499 88326 04317
74864 57443 34783 97662 90721 09899 94863 91367 02785 27989
91538 85668 40629 88840 26414 04596 55146 02758 88873 89352
93982 33967 48777 81352 26248 10301 85175 99248 37676 21526
15096 99066 21788 77037 61014 67240 95612 06948 19039 30923
85343 22656 60375

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08479 00283 09950 58095 49454 18437 39017 23233 28658 03688
76820 45945 34248 73273 45698 05738 85495 83901 38007 99020
46451 19325 96581 80962 86045 86598 87900 63231 33803 43889
96887 57844 04060 44249 78718 84932 19340 82973 13232 16397
82671 99248 00227 45882 27712 46196 93290 66252 89852 32030
04504 87044 83554 28908 42665 59510 86584 28987 72048 62855
30536 75784 89428 84768 06800 18976 41885 89997 94553 60764
86396 02521 70668 21610 16348 47201 19098 50698 53249 39849
93306 21647 73378 01773 39385 09843 73289 75151 01584 19208
98347 90351 10924 50376 85859 06886 09819 15458 39081 08736
04311 03292 71698 29087 45632 01982 16375 62944 12559 95462
40412 35885 75736 32199 69548 08888 02406 87655 45382 96956
45685 66733 88413 75345 62415 96044 91595 20292 35749 09462
37381 03639 11617 44513 35537 90013 49948 44290 56140 37402
93466 10345 62591 06120 78794 62462 14615 78724 80827 76970
04480 22163 70075 42123 63049 37577 14878 96351 66671 49587
10385 96081 27194 03097 58080 36773 24268 31223 96661 79533
58939 58114 31514 07980 03489 35340 04141 82292 96549 99951
81428 12871 39464 58777 04981 15217 33563 69492 81462 97958
75135 53595 77618 06553 27016 97384 83149 59493 48038 42021
38194 83390 82062 01293 18031 46365 90648 62095 38634 27709
33435 32584 99801 66718 68157 97513 56617 68416 98114 42863
03210 54774 49759 98701 04398 05343 80494 24961 80962 06104
52190 44647 34254 54528 61757 98036 30807 38170 40745 58615
24568 71467 30857 53753 64523 42550 53793 10900 38394 29502
40766 14732 61377 05175 38811 83418 33631 83360 96893 12687
65869 65686 81131 32530 75517 88787 98329 45272 04960 70119
66705 18446 27670 39499 18294 31742 23916 96005 34177 61846
51549 69594 86565 51459 65336 73631

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04030 00233 88413 38781 94591 36338 43483 77244 96931 76604
89246 01583 36484 69805 13792 99672 88390 46791 94818 46720
99921 50882 71456 27119 05047 72106 80552 14732 62682 75773
72149 55652 82751 02321 38533 05678 45024 28041 89357 52344

98598 04400 89114 22534 29294 94160 65400 91278 93649 93877
81808 51492 49667 13977 07264 42491 62294 61294 33734 22484
55784 28750 14561 21157 04455 33593 18831 34163 31272 08114
54648 60349 57432 42474 48121 95521 61767 48922 97823 10885
06706 89273 21082 68804 93964 20656 05985 68773 95056 96040
43382 83729 94305 66873 96559 69847 89837 67956 18079 95699
75328 31236 60005 85534 39228 21459 94058 07192 65854 11741
80722 13372 63469 22848 15777 66509 07668 45756 27192 83797
27607 50057 39105 35231 64731 70918 66042 90558 45914 78273
05684 93810 30842 02123 35556 75468 29267 35546 29575 72505
26597 98792 02918 83314 15317 30009 20259 71456 51095 30049
62179 44080 40763 34281 68091 25271 92130 24774 20803 68309
55415 03500 61277 87580 06057 86911 82529 61345 87291 40308
37242 72120 16181 54686 57199 28814 47138 55790 19913 34722
50658 94584 39463 15864 16093 61602 53046 96560 34030 10284
83337 04492 14743 61264 17089 23097 37514 15336 77257 28405
47478 58912 84164 10787 92805 90058 27898 86076 77080 39277
78131 36340 04861 86079 17651 60829 64035 45413 71487 44453
33865 85968 27315 77006 56969 32749 57377 54916 37596 34102
91299 31801 78532 91506 87242 54455

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05108 00245 27658 01980 64533 75128 78035 84638 93973 24634
29980 86122 46961 39489 84133 38952 49494 79106 61519 74569
35801 72513 49555 43604 40790 77560 19994 57334 36678 20909
34423 52377 55271 11909 47535 15484 43150 64917 53538 30483
85934 63228 57846 89464 59518 99678 83418 22936 90153 24034
33144 43625 05704 77417 88666 63480 96171 84052 61189 86972
55133 20700 47959 73064 90210 77601 30850 35051 91953 68649
95801 84575 25568 31036 88634 72571 14666 60090 84084 41110
94141 97056 67180 12644 87763 90796 46672 77853 23242 84053
19312 59096 03728 66565 75348 65233 15268 84781 99253 81916
68827 48366 30982 21503 28232 48568 18056 74667 88781 16095
48814 36081 99966 20078 92829 58075 53519 35315 85299 99412
30929 52996 11809 07899 49337 36704 80846 59002 55687 23400
57302 29884 60835 02168 72282 45775 66074 45676 84410 39195
72739 72003 89070 07147 35239 83229 59128 83649 73734 17272
11714 79952 99481 99840 50986 15831 36557 23082 72165 91527
67720 59053 18980 65380 58791 18930 75244 97797 47794 47054
92000 07842 50904 46103 26672 58924 63924 04661 72659 66106
77574 97196 85266 38414 11686 77349 30401 60994 51181 56451
09218 42992 73509 92882 71474 13686 53023 23689 48354 16309
07985 61329 35854 26680 25270 03872 29047 53377 73168 92061
51905 31895 50421 06059 13952 70523 73785 80564 53694 81441
88527 14250 46616 91342 37836 49008 34331 58020 74628 12985
05900 40234 56305 56350 58120 16244 61341 58586 13144 07814
48301 77023 87824 59119 04545 77321 92569 25337

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02392 00215 97981 16108 29292 37873 74491 53021 72824 36524
88200 13972 25722 84700 35718 18535 65771 71544 32227 10059
89866 59142 78017 34836 03598 24553 13059 14475 18909 82943
98813 61981 82997 78558 85774 54161 73225 55622 57531 59100
40997 30942 26081 77211 67572 11048 90525 80202 17465 99098
57050 81021 94176 91875 69818 21990 37491 63144 12509 04739
24814 60016 34112 89879 37709 26218 30973 47163 98925 81556
45309 10148 14013 73125 69060 58924 33060 00806 67263 92548
34027 32855 97009 19809 25892 17792 67804 91121 08739 63783
16669 10080 43112 52792 34286 80980 96829 36200 39501 41353
80073 43361 81276 35908 53789 46901 67007 21050 22815 10894
88928 36684 95880 19960 70710 91958 63005 14302 63986 19917
58413 39851 38423 35141 64886 35228 67035 61220 38839 88078
62094 96858 61304 25909 12475 90664 51577 61101 66019 78990

50783 46753 68305 97844 74853 79984 14199 23152 82080 42327
17974 82526 72213 19583 82939 40221 04938 46134 71021 18560
79865 05787 82209 34735 48799 92069 75379 69970 07485 80045
40380 01904 48282 84995 69133 11659 71544 40577 60286 84901
21029 43882 79139 96511 70104 79566 24645 41720 42969 72252
85726 05442 90079 47458 99124 44996 64542 33570 49045 82783
04605 44227 15667 02035 01946 16070 34244 87216 50449 71280
68676 64359 85846 86119 97530 35982 26647 60557

10427/11574/13432 kHz, 29-08, 1340/1350/1400 UTC

02969 00221 63091 56429 24291 56741 51826 90260 41028 28556
45952 31230 44006 16708 15576 64120 26468 97006 04839 92248
65746 26675 68825 41680 08455 98156 02429 44217 47430 94844
04802 31743 40834 87023 86549 11121 61633 54763 02506 22614
80877 88248 73083 67003 56229 42650 36567 82921 70900 56440
62224 27505 27184 78579 00565 33134 53103 21410 47973 26133
54311 07609 42829 46182 23754 14208 90395 56981 30158 04455
02487 71704 94499 82223 11371 77497 53590 01821 85449 65804
61589 19507 73316 90989 32620 77295 04559 62253 86457 53414
58017 40222 06789 76372 68301 73268 45419 26900 43249 42021
52253 79584 52763 66444 53952 90519 33005 44959 67207 23067
79542 51281 35960 82168 64543 34804 34291 51839 13562 46457
09648 28141 70522 76742 46437 62263 64914 18127 13921 38102
32077 26690 58571 43427 13550 82003 66742 06871 37037 42100
44290 59599 95045 63390 73870 06735 04261 24620 11828 33497
38976 93578 13338 96790 32372 24112 09061 76019 20007 91687
25604 14877 31037 29105 90988 52852 92708 92531 68617 82538
68060 27420 14802 71461 02167 50048 33095 07132 02872 39701
58002 40293 06298 80423 99124 38498 13352 61780 11055 89436
72941 90722 86862 45348 16495 29412 28561 65939 72400 21017
14025 11728 56001 29288 65435 11556 78776 41875 94623 82322
91016 01929 73146 80305 33685 85310 08579 50612 29980 52490
39500 30928 81476 10073

XPB1

11159 kHz, 01-08/07-08/08-08/14-08/15-08/21-08/22-08/28-08/29-08, 0500 UTC
12159 kHz, 01-08/07-08/08-08/14-08/15-08/21-08/22-08/28-08/29-08, 0510 UTC
13459 kHz, 01-08/07-08/08-08/14-08/15-08/21-08/22-08/28-08/29-08, 0520 UTC
13959 kHz, 01-08/07-08/08-08/14-08/15-08/21-08/22-08/28-08/29-08, 0530 UTC
14459 kHz, 01-08/07-08/08-08/14-08/15-08/21-08/22-08/28-08/29-08, 0540 UTC
14959 kHz, 01-08/07-08/08-08/14-08/15-08/21-08/22-08/28-08/29-08, 0550 UTC

20064 kHz, 01-08/04-08/08-08/11-08/15-08/18-08/22-08/25-08/29-08, 1300 UTC
19364 kHz, 01-08/04-08/08-08/11-08/15-08/18-08/22-08/25-08/29-08, 1310 UTC
18464 kHz, 01-08/04-08/08-08/11-08/15-08/18-08/22-08/25-08/29-08, 1320 UTC
17464 kHz, 01-08/04-08/08-08/11-08/15-08/18-08/22-08/25-08/29-08, 1330 UTC
16264 kHz, 01-08/04-08/08-08/11-08/15-08/18-08/22-08/25-08/29-08, 1340 UTC
15864 kHz, 01-08/04-08/08-08/11-08/15-08/18-08/22-08/25-08/29-08, 1350 UTC

13567 kHz, 02-08/05-08/09-08/12-08/16-08/19-08/23-08/26-08/30-08, 1100 UTC
13367 kHz, 02-08/05-08/09-08/12-08/16-08/19-08/23-08/26-08/30-08, 1110 UTC
12167 kHz, 02-08/05-08/09-08/12-08/16-08/19-08/23-08/26-08/30-08, 1120 UTC
11567 kHz, 02-08/05-08/09-08/12-08/16-08/19-08/23-08/26-08/30-08, 1130 UTC
11067 kHz, 02-08/05-08/09-08/12-08/16-08/19-08/23-08/26-08/30-08, 1140 UTC
10567 kHz, 02-08/05-08/09-08/12-08/16-08/19-08/23-08/26-08/30-08, 1150 UTC

15876 kHz, 05-08/07-08/12-08/14-08/19-08/21-08/26-08/28-08, 1200 UTC
14876 kHz, 05-08/07-08/12-08/14-08/19-08/21-08/26-08/28-08, 1210 UTC
14376 kHz, 05-08/07-08/12-08/14-08/19-08/21-08/26-08/28-08, 1220 UTC
13873 kHz, 05-08/07-08/12-08/14-08/19-08/21-08/26-08/28-08, 1230 UTC

13376 kHz, 05-08/07-08/12-08/14-08/19-08/21-08/26-08/28-08, 1240 UTC
12176 kHz, 05-08/07-08/12-08/14-08/19-08/21-08/26-08/28-08, 1250 UTC

Exercise/test messages

12153 kHz, 04-08, 0830 UTC
12153 kHz, 04-08, 0930 UTC
12153 kHz, 04-08, 1030 UTC
12153 kHz, 04-08, 1130 UTC

9339 kHz, 14-08, 0710 UTC
10643 kHz, 14-08, 0720 UTC
11431 kHz, 14-08, 0730 UTC
12158 kHz, 14-08, 0740 UTC
13526 kHz, 14-08, 0750 UTC

9339 kHz, 14-08, 0820 UTC
10643 kHz, 14-08, 0830 UTC
11431 kHz, 14-08, 0840 UTC
12158 kHz, 14-08, 0850 UTC
13526 kHz, 14-08, 0900 UTC

9339 kHz, 14-08, 0930 UTC
10643 kHz, 14-08, 0940 UTC
11431 kHz, 14-08, 0950 UTC
12158 kHz, 14-08, 1000 UTC
13526 kHz, 14-08, 1010 UTC

13416 kHz, 21-08, 0815 UTC.

DIPLOMATIC STATIONS

Diplomatic stations: Bulgaria

17440 kHz, 01-08, 1228 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 01-08, 1228 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 01-08, 1259 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 02-08, 1230 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 02-08, 1232 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 02-08, 1259 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 03-08, 1228 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 03-08, 1229 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 03-08, 1300 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 04-08, 1229 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 04-08, 1228 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 04-08, 1257 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 07-08, 1229 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 07-08, 1229 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 07-08, 1258 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 08-08, 1228 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 08-08, 1228 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 08-08, 1301 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 09-08, 1228 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 09-08, 1229 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 09-08, 1257 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 10-08, 1231 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 10-08, 1231 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
17440 kHz, 11-08, 1228 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 11-08, 1230 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 11-08, 1258 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 14-08, 1230 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz

13365 kHz, 14-08, 1230 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 14-08, 1259 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 15-08, 1229 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 15-08, 1230 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
17440 kHz, 16-08, 1227 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 16-08, 1228 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 16-08, 1258 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 17-08, 1227 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 17-08, 1237 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 17-08, 1259 UTC, RFSM MFA Sofia wkg unid embassy
18455 kHz, 18-08, 1259 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 21-08, 1227 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 21-08, 1229 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 21-08, 1257 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 22-08, 1227 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 22-08, 1229 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 22-08, 1258 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 23-08, 1225 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 23-08, 1230 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 23-08, 1258 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 24-08, 1226 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 24-08, 1227 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 24-08, 1258 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 25-08, 1229 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 25-08, 1228 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 25-08, 1259 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 28-08, 1229 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 28-08, 1228 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 28-08, 1300 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 28-08, 1227 UTC, RFSM MFA Sofia wkg unid embassy
18455 kHz, 29-08, 1257 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 30-08, 1226 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 30-08, 1228 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 30-08, 1256 UTC, RFSM MFA Sofia wkg unid embassy
17440 kHz, 31-08, 1225 UTC, RFSM MFA Sofia wkg unid embassy on 13365 kHz
13365 kHz, 31-08, 1229 UTC, RFSM Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz
18455 kHz, 31-08, 1259 UTC, RFSM MFA Sofia wkg unid embassy

Diplomatic stations: Egypt

18981.7 kHz, 02-08, 1227 UTC, SITOR-A 100/170 Egyptian diplo i.p.

Diplomatic stations: North Korea

20010 kHz, 01-08, 1310 UTC, DPRK-ARQ 600 LSB North Korean diplo. QSX 19200 kHz
19200 kHz, 01-08, 1310 UTC, DPRK-ARQ 600 LSB North Korean diplo. QSX 20010 kHz
16250 kHz, 02-08, 1230 UTC, DPRK-ARQ 600 LSB North Korean embassy Damascus wkg North Korean hub Moscow on 16252 kHz
16252 kHz, 02-08, 1230 UTC, DPRK-ARQ 600 LSB North Korean hub Moscow wkg North Korean embassy Damascus on 16250 kHz
12400 kHz, 04-08, 0810 UTC, DPRK-ARQ 600 LSB North Korean diplo
12400 kHz, 14-08, 0805 UTC, DPRK-ARQ 600 LSB North Korean diplo
16252 kHz, 15-08, 0635 UTC, DPRK-ARQ 600 LSB North Korean diplo
14300 kHz, 18-08, 0630 UTC, DPRK-ARQ 600 LSB North Korean embassy Damascus wkg North Korean hub Moscow on 16252 kHz
16252 kHz, 18-08, 0630 UTC, DPRK-ARQ 600 LSB North Korean hub Moscow wkg North Korean embassy Damascus on 14300 kHz
12655 kHz, 18-08, 0706 UTC, DPRK-ARQ 600 LSB North Korean diplo. QSX 12658 kHz
12658 kHz, 18-08, 0706 UTC, DPRK-ARQ 600 LSB North Korean diplo. QSX 12655 kHz
12400 kHz, 18-08, 0810 UTC, DPRK-ARQ 600 LSB North Korean diplo
14400 kHz, 25-08, 0740 UTC, DPRK-ARQ 600 LSB North Korean diplo
12400 kHz, 25-08, 0803 UTC, DPRK-ARQ 600 LSB North Korean diplo
16252 kHz, 30-08, 1308 UTC, DPRK-ARQ 600 LSB North Korean diplo
14300 kHz, 31-08, 0650 UTC, DPRK-ARQ 600 LSB North Korean diplo
16252 kHz, 31-08, 0650 UTC, DPRK-ARQ 600 LSB North Korean diplo
16252 kHz, 31-08, 1433 UTC, DPRK-ARQ 600 LSB North Korean diplo

Diplomatic stations: Russia

11462 kHz, 01-08, 0804 UTC, MFSK-6	MFA Moscow clg 165423: Russian embassy Brussels
13443 kHz, 03-08, 0721 UTC, MFSK-66	Russian diplo
14474 kHz, 03-08, 0726 UTC, Serdolik v2	Russian diplo. Selcal
21824 kHz, 03-08, 0727 UTC, Serdolik v2	Russian diplo. Selcal
14474 kHz, 03-08, 0731 UTC, Serdolik v2	Russian diplo. Selcal
21824 kHz, 03-08, 0732 UTC, Serdolik v2	Russian diplo. Selcal
16315 kHz, 03-08, 0733 UTC, Serdolik v2	Russian diplo. Selcal
14474 kHz, 03-08, 0734 UTC, Serdolik v2	Russian diplo. Selcal
21824 kHz, 03-08, 0735 UTC, Serdolik v2	Russian diplo. Selcal
15973 kHz, 03-08, 0736 UTC, MFSK-6	MFA Moscow clg 162543: Russian embassy Nicosia
14474 kHz, 03-08, 0738 UTC, Serdolik v2	Russian diplo. Selcal
16028 kHz, 03-08, 0801 UTC, Serdolik v2	Russian diplo. Selcal
14474 kHz, 03-08, 0803 UTC, Serdolik v2	Russian diplo. Selcal
21824 kHz, 03-08, 0804 UTC, Serdolik v2	Russian diplo. Selcal
16028 kHz, 03-08, 0811 UTC, Serdolik v2	Russian diplo. Selcal
17521 kHz, 03-08, 0812 UTC, Serdolik v2	Russian diplo. Selcal
16026 kHz, 03-08, 0821 UTC, Serdolik v2	Russian diplo
18197 kHz, 03-08, 0948 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
16313 kHz, 03-08, 1325 UTC, Serdolik v2	Russian diplo
17461 kHz, 03-08, 1326 UTC, Serdolik v2	Russian diplo
12092 kHz, 03-08, 1347 UTC, Serdolik v2	Russian diplo
16277 kHz, 03-08, 1354 UTC, MFSK-6	MFA Moscow clg 436512: Russian embassy Harare
16313 kHz, 03-08, 1355 UTC, Serdolik v2	Russian diplo
18575 kHz, 03-08, 1359 UTC, MFSK-6	MFA Moscow clg 352416: Russian embassy Dar es Salaam
16313 kHz, 03-08, 1403 UTC, Serdolik v2	Russian diplo
17461 kHz, 03-08, 1404 UTC, Serdolik v2	Russian diplo
20675 kHz, 07-08, 0924 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
10161 kHz, 07-08, 0647 UTC, MFSK-66	Russian diplo
11529 kHz, 07-08, 0651 UTC, MFSK-66	Russian diplo
11638 kHz, 07-08, 0657 UTC, MFSK-6	MFA Moscow clg 165324: Russian embassy Vienna
12152 kHz, 07-08, 0741 UTC, MFSK-6	MFA Moscow clg 432516: Russian embassy Bern
11562 kHz, 07-08, 0742 UTC, MFSK-6	MFA Moscow clg 432516: Russian embassy Bern
14861 kHz, 08-08, 0822 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
13420 kHz, 08-08, 0830 UTC, MFSK-6	MFA Moscow clg 534216: Russian embassy Baghdad
14939 kHz, 08-08, 0832 UTC, MFSK-66	Russian diplo. Several transmissions between 0832 and 0906z
13964 kHz, 08-08, 1005 UTC, Serdolik v2	Russian diplo. Selcal
17470 kHz, 08-08, 1015 UTC, MFSK-6	MFA Moscow clg 216354: Russian Consulate General Chennai
14675 kHz, 08-08, 1016 UTC, MFSK-6	MFA Moscow clg 612534: Russian embassy Ashgabat
13421 kHz, 08-08, 0820 UTC, Serdolik v2	Russian diplo
14941 kHz, 08-08, 0857 UTC, MFSK-66	Russian diplo
20811 kHz, 08-08, 1006 UTC, Serdolik v2	Russian diplo
20815 kHz, 08-08, 1008 UTC, Serdolik v2	Russian diplo
20950 kHz, 09-08, 0726 UTC, MFSK-6	MFA Moscow clg 435621: Russian embassy Maputo
18177 kHz, 09-08, 0749 UTC, MFSK-6	MFA Moscow clg 164253: Russian embassy Addis Ababa
11483 kHz, 09-08, 0752 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest
11153 kHz, 09-08, 0757 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
18316 kHz, 09-08, 0752 UTC, Serdolik v2	Russian diplo
14812 kHz, 09-08, 0808 UTC, MFSK-6	MFA Moscow clg 263145: Russian embassy Prague
11562 kHz, 09-08, 0746 UTC, Serdolik v2	Russian diplo
11562 kHz, 09-08, 0808 UTC, Serdolik v2	Russian diplo
16062 kHz, 10-08, 0829 UTC, Serdolik v2	Russian diplo
16153 kHz, 10-08, 0835 UTC, MFSK-6	MFA Moscow clg 153624: Russian embassy Damascus
12114 kHz, 13-08, 1044 UTC, MFSK-6	MFA Moscow clg 145632: Russian embassy Algiers
14414 kHz, 13-08, 1048 UTC, MFSK-6	MFA Moscow clg 145632: Russian embassy Algiers
12096 kHz, 13-08, 1052 UTC, Serdolik v2	Russian diplo
13517 kHz, 14-08, 0927 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
13895 kHz, 13-08, 1053 UTC, Serdolik v2	Russian diplo
17475 kHz, 14-08, 0827 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
17422 kHz, 14-08, 0828 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
17466 kHz, 14-08, 0838 UTC, Serdolik v2	Russian diplo

14686 kHz, 14-08, 0919 UTC, Serdolik v2	Russian diplo
19273 kHz, 14-08, 0935 UTC, Serdolik v2	Russian diplo
10452 kHz, 14-08, 1244 UTC, MFSK-6	MFA Moscow clg 364152: Russian embassy New Delhi
13422 kHz, 15-08, 0848 UTC, MFSK-66	Russian diplo
16169 kHz, 15-08, 1136 UTC, Serdolik v2	Russian diplo. Selcal
16169 kHz, 15-08, 1140 UTC, Serdolik v2	Russian diplo. Selcal
16169 kHz, 15-08, 1143 UTC, Serdolik v2	Russian diplo. Selcal
16169 kHz, 15-08, 1147 UTC, Serdolik v2	Russian diplo. Selcal
16169 kHz, 15-08, 1154 UTC, Serdolik v2	Russian diplo. Selcal
16188 kHz, 15-08, 1210 UTC, MFSK-6	MFA Moscow clg 325614: Russian embassy Nairobi
13401 kHz, 15-08, 0854 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
11552 kHz, 15-08, 0904 UTC, MFSK-66	Russian diplo
17421 kHz, 15-08, 1755 UTC, MFSK-6	MFA Moscow clg 246531: Russian embassy Accra
16169 kHz, 15-08, 1150 UTC, Serdolik v2	Russian diplo. Selcal
18245 kHz, 16-08, 1235 UTC, MFSK-6	MFA Moscow clg 231654: Russian embassy Abuja
16025 kHz, 17-08, 0745 UTC, Serdolik v2	Russian diplo. Selcal
16026 kHz, 17-08, 0747 UTC, Serdolik v2	Russian diplo. QSX 16313 kHz
16026 kHz, 17-08, 0805 UTC, Serdolik v2	Russian diplo. QSX 16313 kHz
16313 kHz, 17-08, 0745 UTC, Serdolik v2	Russian diplo. QSX 16026 kHz
16313 kHz, 17-08, 0803 UTC, Serdolik v2	Russian diplo. QSX 16026 kHz
17534 kHz, 17-08, 0758 UTC, MFSK-6	MFA Moscow clg 351264: Russian embassy Abu Dhabi
18197 kHz, 17-08, 0923 UTC, MFSK-6	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City
18195 kHz, 17-08, 0942 UTC, ODFM	Russian diplo
18195 kHz, 17-08, 0954 UTC, MFSK-66	Russian diplo
20627 kHz, 17-08, 1322 UTC, MFSK-6	MFA Moscow clg 436512: Russian embassy Harare
19405 kHz, 17-08, 0745 UTC, MFSK-6	MFA Moscow clg 352416: Russian embassy Dar es Salaam
16313 kHz, 17-08, 0812 UTC, Serdolik v2	Russian diplo
13954 kHz, 18-08, 1009 UTC, MFSK-6	MFA Moscow clg 213546: Russian embassy Islamabad
14824 kHz, 18-08, 1022 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
11430 kHz, 18-08, 1032 UTC, MFSK-6	MFA Moscow clg 213546: Russian embassy Islamabad
12164 kHz, 18-08, 0959 UTC, Serdolik v2	Russian diplo
16304 kHz, 18-08, 1012 UTC, Serdolik v2	Russian diplo. Selcal
18324 kHz, 18-08, 1014 UTC, Serdolik v2	Russian diplo. Selcal
16304 kHz, 18-08, 1015 UTC, Serdolik v2	Russian diplo. Selcal
12164 kHz, 18-08, 1015 UTC, Serdolik v2	Russian diplo. Test
18324 kHz, 18-08, 1017 UTC, Serdolik v2	Russian diplo. Selcal
16304 kHz, 18-08, 1018 UTC, Serdolik v2	Russian diplo. Selcal
12164 kHz, 18-08, 1019 UTC, Serdolik v2	Russian diplo. Test
18324 kHz, 18-08, 1021 UTC, Serdolik v2	Russian diplo. Selcal
16304 kHz, 18-08, 1022 UTC, Serdolik v2	Russian diplo. Selcal
18324 kHz, 18-08, 1024 UTC, Serdolik v2	Russian diplo. Selcal
12164 kHz, 18-08, 1024 UTC, Serdolik v2	Russian diplo. Test
18322 kHz, 18-08, 1027 UTC, Serdolik v2	Russian diplo. Off within 1 minute
16302 kHz, 18-08, 1028 UTC, Serdolik v2	Russian diplo. Off within 1 minute
16302 kHz, 18-08, 1037 UTC, Serdolik v2	Russian diplo
19478 kHz, 18-08, 1048 UTC, Serdolik v2	Russian diplo
12164 kHz, 18-08, 1120 UTC, Serdolik v2	Russian diplo
10202 kHz, 20-08, 0725 UTC, MFSK-66	Russian diplo
14595 kHz, 20-08, 0736 UTC, MFSK-6	MFA Moscow clg 452163: Russian embassy Kabul
14393 kHz, 20-08, 0807 UTC, MFSK-66	Russian diplo
12160 kHz, 20-08, 0807 UTC, MFSK-66	Russian diplo
12160 kHz, 20-08, 0809 UTC, MFSK-66	Russian diplo
12152 kHz, 21-08, 0727 UTC, MFSK-6	MFA Moscow clg 432516: Russian embassy Bern
11438 kHz, 21-08, 0816 UTC, MFSK-6	MFA Moscow clg 532614: Russian embassy Paris
20675 kHz, 21-08, 0921 UTC, MFSK-6	MFA Moscow clg 641523: Russian embassy Lusaka
17523 kHz, 22-08, 0823 UTC, MFSK-6	MFA Moscow clg 542136: Russian embassy Beijing
13510 kHz, 22-08, 1004 UTC, MFSK-6	MFA Moscow clg 612534: Russian embassy Ashgabat
20815 kHz, 22-08, 1018 UTC, Serdolik v2	Russian diplo
20813 kHz, 22-08, 1037 UTC, MFSK-6	MFA Moscow clg 216354: Russian Consulate General Chennai
12112 kHz, 23-08, 0724 UTC, MFSK-66	Russian diplo
12188 kHz, 23-08, 0755 UTC, Serdolik v2	Russian diplo
11562 kHz, 23-08, 0756 UTC, Serdolik v2	Russian diplo. Selcal
11483 kHz, 23-08, 0730 UTC, MFSK-6	MFA Moscow clg 412356: Russian embassy Budapest

11166 kHz, 23-08, 0736 UTC, Serdolik v2	Russian diplo
18177 kHz, 23-08, 0750 UTC, MFSK-6	MFA Moscow clg 164253: Russian embassy Addis Ababa
12186 kHz, 23-08, 0850 UTC, Serdolik v2	Russian diplo
20330 kHz, 23-08, 0758 UTC, Serdolik v2	Russian diplo
13419 kHz, 23-08, 0759 UTC, MFSK-6	MFA Moscow clg 465132: Russian embassy Sofia
14812 kHz, 23-08, 0803 UTC, MFSK-6	MFA Moscow clg 263145: Russian embassy Prague
13854 kHz, 24-08, 0704 UTC, MFSK-6	MFA Moscow clg 521634: Russian embassy Bucharest
13510 kHz, 25-08, 0502 UTC, MFSK-6	MFA Moscow clg 216435: Russian embassy Dhaka
15828 kHz, 25-08, 1000 UTC, MFSK-6	MFA Moscow clg 256134: Russian embassy Abidjan
14828 kHz, 25-08, 1318 UTC, Serdolik v2	Russian diplo
14414 kHz, 27-08, 1053 UTC, MFSK-6	MFA Moscow clg 145632: Russian embassy Algiers
17466 kHz, 28-08, 0821 UTC, Serdolik v2	Russian diplo
19273 kHz, 28-08, 0925 UTC, Serdolik v2	Russian diplo
16117 kHz, 28-08, 0932 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
17466 kHz, 28-08, 0823 UTC, Serdolik v2	Russian diplo
17475 kHz, 28-08, 0827 UTC, MFSK-6	MFA Moscow clg 156234 rando_one X06 to Kampala
19275 kHz, 28-08, 0918 UTC, Serdolik v2	Russian diplo
14688 kHz, 28-08, 0919 UTC, Serdolik v2	Russian diplo
11492 kHz, 28-08, 1239 UTC, OFDM-121	Russian diplo
14686 kHz, 28-08, 1244 UTC, OFDM-121	Russian diplo

Diplomatic stations: Tunisia

12140 kHz, 14-08, 0700 UTC, Pactor-II

STAT23: Tunisian embassy Madrid encrypted email to STAT152: MFA Tunis.

Note mail.hse DEFAULT@#HFARQ#STAT23 DEFAULT@#HFARQ#STAT23 #HFARQ#STAT152 20230814091222:DEFAULT@

12140 kHz, 14-08, 1250 UTC, Mil-STD-188-141A/USB

STAT24: Tunisian embassy Rome sounding

10176 kHz, 15-08, 0659 UTC, Mil-STD-188-141A/USB

STAT151 : MFA Tunis sounding clg STAT5 unid Tunisian embassy

UTILITY ROUND-UP

Unid stations

5409 kHz, 03-08, 0641 UTC, CW. Copied by PY 108 (R45s)

4915 kHz, first reported on August 8th, last heard August 14th
Endless 5-letter groups. Active 24/7. Possibly from near Žilina, Slovakia.

Unid Russian net

17516 kHz, 23-08, 1000 UTC, MFSK-13

13934 kHz, 23-08, 1007 UTC, MFSK-13

12097 kHz, 23-08, 1011 UTC, MFSK-13

EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
21-08	1314	Bag Feed	8888800 (disregard this message)
21-08	1707	Bag Feed	30 chr EAM PJKZ6X Z4UN2CUVDYLJ6JTVKAIMBGSF
21-08	1712	Bag Feed	30 chr EAM PJTZBF DFAVANLUB5YRELRRBNYE3GNO
21-08	1715	Bag Feed	30 chr EAM PJCG4X 5AQSOBWUYU2T5EQS6HA6QPCN
21-08	1722	Bag Feed	34 chr EAM RMUWWD W2YIN6J5I7HM6QHGOQARHPP6XXLV
21-08	1730	Bag Feed	30 chr EAM PJKZ6X Z4UN2CUVDYLJ6JTVKAIMBGSF
21-08	1734	Bag Feed	30 chr EAM PJCG4X 5AQSOBWUYU2T5EQS6HA6QPCN
21-08	1736	Bag Feed	30 chr EAM PJTZBF DFAVANLUB5YRELRRBNYE3GNO
21-08	1738	Bag Feed	30 chr EAM PJKZ6X Z4UN2CUVDYLJ6JTVKAIMBGSF
21-08	1800	Bag Feed	30 chr EAM PJCG4X 5AQSOBWUYU2T5EQS6HA6QPCN

21-08	1802	Bag Feed	30 chr EAM PJTZBF DFAVANLUB5YRELRRBNEY3GNO
21-08	1805	Bag Feed	30 chr EAM PJKZ6X Z4UN2CUVDYLJ6JTVKAIMBGSF
21-08	1830	Bag Feed	30 chr EAM PJCG4X 5AQSOBWUYU2T5EQS6HA6QPCN
21-08	1833	Bag Feed	30 chr EAM PJTZBF DFAVANLUB5YRELRRBNEY3GNO
21-08	1835	Bag Feed	30 chr EAM PJKZ6X Z4UN2CUVDYLJ6JTVKAIMBGSF
21-08	1845	Bag Feed	30 chr EAM PJTI4E W4UZDK4ERZCECMSRVFR2YIHD
21-08	1851	Bag Feed	30 chr EAM PJTI4E W4UZDK4ERZCECMSRVFR2YIHD
21-08	1901	Bag Feed	30 chr EAM PJG2MQ WYVWT4JH752KVQFZSHTBHX56
21-08	1903	Bag Feed	30 chr EAM PJCG4X 5AQSOBWUYU2T5EQS6HA6QPCN
21-08	1906	Bag Feed	30 chr EAM PJTZBF DFAVANLUB5YRELRRBNEY3GNO
21-08	1942	Bag Feed	30 chr EAM PJJ2A I6OMFQ5Y3BAFDKLUH73WQSJ7
21-08	2121	Bag Feed	30 chr EAM for Owlet-22 RMMJBL SKB3IOB5ILGA7JX45T7FEOSZ
21-08	2151	Bag Feed	30 chr EAM PJXTEE KISTAU6BQQVPA2RPHS6UH45E
22-08	0235	Tally Ho	30 chr EAM PJXRDL BP3LUZZ6GCFIXRIR3BT4K3LS
22-08	0737	Tally Ho	30 chr EAM PJOT27 OIQ2QVRXYQJNDTQDHBXUJ4YG
22-08	1623	Tally Ho	30 chr EAM PJ44ZZ XQA2IJVNQI2BXMZ4352ACOTI
22-08	1627	Tally Ho	30 chr EAM PJFM2Y RLYVH7FQDCGHKEYR352XDU5B
22-08	1631	Tally Ho	30 chr EAM PJFM2Y RLYVH7FQDCGHKEYR352XDU5B
22-08	1633	Tally Ho	30 chr EAM PJ44ZZ XQA2IJVNQI2BXMZ4352ACOTI
22-08	2216	Tally Ho	44 chr EAM RMIVRY V7M7QZCB2D3WECHIWECSI7HXQQXVKTJTXXHCNL
22-08	2236	Tally Ho	30 chr EAM PJ4LOS SZ7L7EL42Y6GDUREMGO43HZX
23-08	0342	Railman	30 chr EAM PJKKQ4 4ZZDQ3F42UDY2BGO63TUR4XY
23-08	1855	Railman	30 chr EAM PJLY2N X7NJ362QTSAPSD2M7Z3EBGR
23-08	1858	Railman	30 chr EAM PJZVET JLLS5Q2NYJY4OPQFRZCXUON6
23-08	1900	Railman	30 chr EAM PJWGYX LA2U3WR7FSYVKB23EJEKDAPI
23-08	1903	Railman	30 chr EAM PJWGYX LA2U3WR7FSYVKB23EJEKDAPI
23-08	1905	Railman	30 chr EAM PJZVET JLLS5Q2NYJY4OPQFRZCXUON6
23-08	1908	Railman	30 chr EAM PJLY2N X7NJ362QTSAPSD2M7Z3EBGR
23-08	2037	Railman	30 chr EAM PJEV6J 26YJ2PO6MRAT4DEGLC2DCYMA
23-08	2137	Railman	30 chr EAM for Duke-34? RMEEOA GK6PNPIMKVS22YFWKAI6KEW
23-08	2207	Railman	30 chr EAM PJAA2H CGAP2ERXE6GQBYHAKE3X2WCY
24-08	0442	Batfink	30 chr EAM PJVFFA YKHCIVNZCIZ4ZQAMJCFVYLRC
24-08	1004	Batfink	30 chr EAM for Gifted RMFTDH ZR46XGU54TNYDKWT4TEP47CV
24-08	1018	Batfink	30 chr EAM for Gifted RMFAWQ FBUOFHNSF6KNOIUCAKMXBT6
24-08	1033	Batfink	30 chr EAM for Gifted RMKJZC 5BJPU67BVPRY7IRFHZPAG44N
24-08	1132	Batfink	30 chr EAM for Gifted RM7KUU JUU4L55FS6HQ3NE32BRHOATK
24-08	1146	Batfink	30 chr EAM for Gifted RMLIDE KG5YLYP2W6THTU2M4MGUGCZL
24-08	1302	Batfink	30 chr EAM for Ubongi RMDUFG GWLV76NURUWX2U5ZDBVKQ6D2
24-08	1312	Batfink	30 chr EAM for Ubongi RMMTPY YW2WCIATTKT2R3FCXD7B5PM4
24-08	1322	Batfink	30 chr EAM for Ubongi RMIUJO KYNQVAUUDIPAHYW7YO6BNZSS
24-08	1332	Batfink	30 chr EAM for Ubongi RMJKDS ZHGWSRPU7IG4YOZJE22I7466
24-08	1342	Batfink	30 chr EAM for Nate RMDX3W RL7Z32OZKXOX3Z3Y5FVBIINK
24-08	1352	Batfink	30 chr EAM for Nate RMHXLV VG6PXNEIJDVFNVCFAJTXRD6
24-08	1506	Batfink	44 chr EAM RMUOJN T5GECBCPUN2NPWFDXRYRUXHKKIH325HHH32CHG
24-08	1528	Batfink	30 chr EAM RMPAKX NH7TCJ3JXWAIQ5Q34N7YBQM3
24-08	1600	Batfink	30 chr EAM PJQPXF VRZUZJG6QYBTZQB2T7ZB3YVC
24-08	1603	Batfink	30 chr EAM PJOOGP 3FOYSU4TCQEEJOK3IBYRK7OB
24-08	1622	Batfink	30 chr EAM PJEBO4 ANITNUDOATPFRVDF2BUXHFJM
24-08	1630	Batfink	30 chr EAM PJEBO4 ANITNUDOATPFRVDF2BUXHFJM
25-08	1448	Trapezoid	30 chr EAM PJOZYK NLZQZJYPBDQUU4KYIJSFJVH3
25-08	2103	Trapezoid	30 chr EAM for Extro-46 RMFJIR 2NFYQFCAL44QPP2XI4744FHM
25-08	2232	Trapezoid	30 chr EAM PJNHMU 2YIGZAG5XKJ3RJJM4JHUSVO
26-08	0232	Confront	30 chr EAM PJUTKP Q5RYYVN3VV4SVDIUIORXZCAK
26-08	1732	Confront	30 chr EAM PJXSSS WRR3ZQCGBGKXDSLIVVBXKJ36R
26-08	2029	Confront	30 chr EAM PJACZR 33DQZFQE4HCZIUHDKDLYHCXN
26-08	2233	Confront	30 chr EAM PJHEGR 36V4BDJHKYZSNAKX7EUJVAQR
27-08	0156	Semester	30 chr EAM PJ3GO7 PMNCCD344ZBCKZ3Y36D7B3UZ
28-08	1930	Reinstate	30 chr EAM PJAF4P 6OW7VJI6YANDE35GNQ73H2T6
28-08	1932	Reinstate	30 chr EAM PJDFJB YT6EKWJRKTKGKYL4WLOYAVJLW
28-08	1934	Reinstate	30 chr EAM PJZAOH CSRSPXHVVCPNAFTDD6XK7A5P
28-08	1936	Reinstate	30 chr EAM PJYCZJ P6PDGOXTDAWYT3RXOBLHO7BT

RUSSIAN MILITARY TRANSCRIPTS

Logs submitted by SOB and AB.

Morse transmissions

8096 kHz, 23-08, 1610 UTC, i.p.

WNH3 WNH3 WNH3 75740231901 757 =
553 = 37309 13331 00154 76423 08963 50589 54209 69672 99223
47049 93552 32484 75304 48098 93749 82831 91086 14231 31174
20212 97035 18203 05651 19750 43507 74848 55786 53984 14430
56887 95457 03998 50629 35369 17185 13184 52700 23037 553 K

QF6M R 757 K
F5VI R 757 K
KMBL DE QF6M K
KMBL K
QF6M QTC K
KMBL QRV K

QF6M 75238231905 752 =
553 = 58642 13331 51379 00264 79513 15308 92487 71315 97315
02468 73159 05638 59271 61800 35479 10827 53469 61840 79352
86405 27139 82760 84153 14685 30729 61038 95472 47601 25398
96125 73408 01683 92745 16930 37926 23035 553 K

KMBL R 752 K

8191 kHz, 23-08, 0746 UTC

XXX XXX 5TID 5TID VOLOchUzhKA 18328 43045

8191 kHz, 31-08, 1247 UTC

XXX XXX KUFU KUFU 73582 BZIKOPLD 1875 3399

8191 kHz, 31-08, 1252 UTC

XXX XXX KUFU KUFU 05732 BESOMENT 0830 5187

8191 kHz, 31-08, 1321 UTC

XXX XXX 5TID 5TID 2QK3 2QK3 40761 TOSTOshEST 5734 8479

8191 kHz, 31-08, 1335 UTC

XXX XXX 5TID 5TID H2S1 H2S1 2QK3 2QK3 TOD3 TOD3 U352 U352 55528 POPOv 0010 0600 KvIToZNOi 7498 1294

8191 kHz, 31-08, 1340 UTC

XXX XXX 5TID 5TID 2QK3 2QK3 32872 EzhONARD 4114 6613

8191 kHz, 31-08, 1344 UTC

XXX XXX BXGR BXGR R5DG R5DG TOD3 TOD3 U352 U352 DHGE DHGE 55722 KAEMOchKA 7095 8131

8191 kHz, 31-08, 1415 UTC

XXX XXX KUFU KUFU 83586 khIOStokhLOP 0522 8344

10543 kHz, 31-08, 1215 kHz

XXX XXX 596E 596E 70756 ZAPAJNYJ 0740 2498 K

10543 kHz, 31-08, 1235 kHz

XXX XXX 596E 596E 33416 ZuJDOGUD 4984 6991 INTERXER 6347 2302 K

10543 kHz, 31-08, 1410 kHz

XXX XXX 596E 596E 32891 EPRINYaTIE 0276 2455 DKSODOK 5160 5347 K

10543 kHz, 31-08, 1530 kHz

RIP90 RIP90 RIP90 DE RCV RCV QTC 383 44 31 1245 383 = NAWIP 032 928 KARTA 32215 GRECIYa STRELXBY ...

10543 kHz, 31-08, 1648 kHz

RCV QRZ? K

UCTA5 UCTA5 UCTA5 DE RCV RCV QSA1 QRV K

RCV AR 913 RPT 8 14 16 K

RCV QSL 913 K

10543 kHz, 31-08, 1648 kHz

RCV QRZ? K

UCTA5 UCTA5 UCTA5 DE RCV RCV QSA1 QRV K

RCV AR 913 RPT 8 14 16 K

RCV QSL 913 K

Digital transmissions

6970 kHz, 18-08, 2036 UTC, Akkord 1200Bd/800Hz

Russian tactical data link

6257 kHz, 31-08, 1728 UTC, T600

Sync 1eb41eb2952

Session Key: 13 58 16 51 4c 4c 52 51 46 26 15 31 4c 1a 4a 32 31 0d 54 43 68 26 34 32 4c 62

16 1c 31 2a 0b 62 0e 4a 58 0b 2a 34 51 07 2c 2a

54 4a 13 19 1a 0d 64 70 34 62 2c 15 15 4c 1a 58

52 25 70 34 1c 0d 0b 4a 58 61 26 2c 61 07 70 31

2a 32 70 68 52 13 38 32 27 62 15 43 13 02 61 2a

15 15 0d 0d 46 19 4c 38 52 25 26 61 68 1a 26 68

51 0e 1a 4c 2c 1c 70 2c 1a 31 23 23 68 23 51 61

58 68 16 54 34 16 1c 1a 1a 07 2c 58 15 4a 0d 70

1a 4c 26 0d 0b 70 64 0b 1a 38 58 62 16 51 4c 60

2c 62 46 13 2a 19 4a 25 32 15 51 61 1c 16 39 5f

71 78 1c 68 5c 25 1a 31 07 19 07 32 0d 0e 4a

38 52 <EOM><EOM><EOM>

6257 kHz, 31-08, 2035 UTC, T600

Sync 1eb41eb2952

Session Key: 26 51 0b 4a 23 58 70 23 0b 4a 4c 26 0d 15 23 43 4a 15 32 4a 2a 0b 25 43 51 23

64 15 64 15 38 0e 70 64 34 31 43 1c 4c 4c 0d 32

23 62 1c 64 25 34 68 15 61 61 4a 34 58 62 4a 23

52 4a 43 13 46 15 26 32 61 1a 32 71 78 26 25 62

70 52 31 32 2c 1c 34 52 57 70 26 23 23 34 25 64

2a 51 0b 25 34 26 0d 51 4c 15 54 51 1c 52 19 62

0e 51 16 1a 26 4a 0e 0e 62 23 2c 43 31 15 51 46

07 61 2a 0d 13 61 61 2a 0d 19 13 58 07 68 46 07

0b 64 19 51 16 68 23 19 1a 31 64 62 70 4a 54 19

26 16 51 2a 58 0e 1a 43 25 61 32 4a 23 52 58 15

70 1c 16 58 43 23 1a 07 0b 15 68 68 1a 34 26 2a

43 32 4c 0e 1a 38 31 51 25 64 07 51 19 13 68 16

32 51 31 32 13 2c 13 54 24 70 58 43 64 23 60 30

4c 4a 52 54 07 0d 4c 4a 26 38 4a 0e 0b 70 31 0e

32 68 4c 62 0d 19 1c 61 16 0b 54 13 4a 25 15 26

4c 64 2c 32 43 70 0b 16 61 19 2a 43 64 61 58 0d

2c 31 26 38 26 26 0d 1a 4a <EOM><EOM><EOM>

LOGS SECTION

Code	Date	UTC	Freq	Day	Details	Mode	Contributor
---	3-8	0641	5409	Thu	108 (R45s)	ICW	(PY)
---	12-8	1730	4915	Sat	Endless 5-letter groups. Active 24/7	CW	(AB)
---	18-8	2036	6970	Fri	Russian tactical data link	Akkord 1200Bd/800Hz	(AB)
BUL	1-8	1228	13365	Tue	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	1-8	1228	17440	Tue	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	1-8	1259	18455	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	2-8	1230	17440	Wed	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	2-8	1232	13365	Wed	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	2-8	1259	18455	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	3-8	1228	17440	Thu	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	3-8	1229	13365	Thu	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	3-8	1300	18455	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	4-8	1228	13365	Fri	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	4-8	1229	17440	Fri	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	4-8	1257	18455	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	7-8	1229	13365	Mon	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	7-8	1229	17440	Mon	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	7-8	1258	18455	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	8-8	1228	13365	Tue	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	8-8	1228	17440	Tue	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	8-8	1301	18455	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	9-8	1228	17440	Wed	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	9-8	1229	13365	Wed	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	9-8	1257	18455	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	10-8	1231	13365	Thu	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	10-8	1231	17440	Thu	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	11-8	1228	17440	Fri	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	11-8	1230	13365	Fri	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	11-8	1258	18455	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	14-8	1230	13365	Mon	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	14-8	1230	17440	Mon	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	14-8	1259	18455	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	15-8	1229	17440	Tue	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	15-8	1230	13365	Tue	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	16-8	1227	17440	Wed	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	16-8	1228	13365	Wed	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	16-8	1258	18455	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	17-8	1227	13365	Thu	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)

BUL	17-8	1227	17440	Thu	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	17-8	1258	18455	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	18-8	1259	18455	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	21-8	1227	17440	Mon	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	21-8	1229	13365	Mon	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	21-8	1257	18455	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	22-8	1227	17440	Tue	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	22-8	1229	13365	Tue	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	22-8	1258	14855	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	23-8	1225	17440	Wed	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	23-8	1230	13365	Wed	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	23-8	1258	18455	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	24-8	1226	17440	Thu	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	24-8	1227	13365	Thu	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	24-8	1258	18455	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	25-8	1228	13365	Fri	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	25-8	1229	17440	Fri	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	25-8	1259	18455	Fri	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	28-8	1228	13365	Mon	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	28-8	1229	17440	Mon	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	28-8	1300	18455	Mon	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	29-8	1227	17440	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	29-8	1257	14855	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	30-8	1226	17440	Wed	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	30-8	1228	13365	Wed	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	30-8	1256	18455	Wed	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	31-8	1225	17440	Thu	MFA Sofia wkg unid embassy on 13365 kHz	RFSM	(AB)
BUL	31-8	1229	13365	Thu	Unid Bulgarian embassy wkg MFA Sofia on 17440 kHz	RFSM	(AB)
BUL	31-8	1259	18455	Thu	MFA Sofia wkg unid embassy	RFSM	(AB)
DPRK	1-8	1310	19200	Tue	North Korean diplo. QSX 20010 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	1-8	1310	20010	Tue	North Korean diplo. QSX 19200 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	2-8	1230	16250	Wed	North Korean embassy Damascus wkg North Korean hub Moscow on 16252 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	2-8	1230	16252	Wed	North Korean hub Moscow wkg North Korean embassy Damascus on 16250 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	4-8	0810	12400	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	7-8	0803	12400	Mon	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	14-8	0805	12400	Mon	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	15-8	0635	16252	Tue	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	18-8	0630	14300	Fri	North Korean embassy Damascus wkg North Korean hub Moscow on 16252 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	18-8	0630	16252	Fri	North Korean hub Moscow wkg North Korean embassy Damascus on 14300 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	18-8	0706	12655	Fri	North Korean diplo. QSX 12658 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	18-8	0706	12658	Fri	North Korean diplo. QSX 12655 kHz	DPRK-ARQ 600 LSB	(AB)
DPRK	18-8	0810	12400	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)

DPRK	25-8	0740	14400	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	25-8	0803	12400	Fri	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	30-8	1308	16252	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	31-8	0650	14300	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	31-8	0650	16252	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	31-8	1433	16252	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
E06	1-8	0210	11472	Tue	537 142 50 37796 08200 68431 ... 93020 57144 50391 142 50 00000	USB	(PY)
E06	1-8	0310	13584	Tue	537 142 50 37796 08200 68431 ... 93020 57144 50391 142 50 00000	USB	(PY)
E06	3-8	0300	14648	Thu	361 809 47 61615 34826 86435 ... 63773 47274 19950 809 47 00000	USB	(PY)
E06	3-8	0400	12084	Thu	361 809 47 61615 34826 86435 ... 63773 47274 19950 809 47 00000	USB	(PY)
E06	3-8	0500	13540	Thu	210 489 53 24473 57319 16444 ... 11484 45603 26123 489 53 00000	USB	(AB/HFD)
E06	3-8	0600	16115	Thu	210 489 53 24473 57319 16444 ... 11484 45603 26123 489 53 00000	USB	(AB/HFD)
E06	4-8	0300	14648	Fri	361 809 47 61615 34826 86435 ... 63773 47274 19950 809 47 00000	USB	(PY)
E06	4-8	0400	12084	Fri	361 809 47 61615 34826 86435 ... 63773 47274 19950 809 47 00000	USB	(PY)
E06	4-8	0500	13540	Fri	210 489 53 24473 57319 16444 ... 11484 45603 26123 489 53 00000	USB	(AB)
E06	4-8	0600	16115	Fri	210 489 53 24473 57319 16444 ... 11484 45603 26123 489 53 00000	USB	(AB)
E06	7-8	0210	11472	Mon	537 698 31 79765 38875 77378 ... 06759 24317 71907 698 31 00000	USB	(PY)
E06	7-8	0310	13574	Mon	537 698 31 79765 38875 77378 ... 06759 24317 71907 698 31 00000	USB	(PY)
E06	8-8	0210	11472	Tue	537 689 31 79765 ...	USB	(HFD-J)
E06	8-8	0210	11472	Tue	537 698 31 79765 38875 77378 ... 06759 24317 71907 698 31 00000	USB	(PY)
E06	8-8	0310	13584	Tue	537 689 31 79765 ...	USB	(HFD-J)
E06	8-8	0310	13574	Tue	537 698 31 79765 38875 77378 ... 06759 24317 71907 698 31 00000	USB	(PY)
E06	10-8	0300	14648	Thu	361 572 48 30644 ...	USB	(HFD)
E06	10-8	0300	14648	Thu	361 572 48 30644 29702 90833 ... 97480 68070 73840 572 48 00000	USB	(PY)
E06	10-8	0400	12084	Thu	361 572 48 30644 ...	USB	(HFD)
E06	10-8	0400	12084	Thu	361 572 48 30644 29702 90833 ... 97480 68070 73840 572 48 00000	USB	(PY)
E06	11-8	0300	14638	Fri	361 572 48 30644 29702 90833 ... 97480 68070 73840 572 48 00000	USB	(PY)
E06	11-8	0400	12084	Fri	361 572 48 30644 29702 90833 ... 97480 68070 73840 572 48 00000	USB	(PY)
E06	14-8	0210	11472	Mon	537 104 32 90769 52199 93521 ... 43849 56628 78334 104 32 00000	USB	(PY)
E06	14-8	0310	13574	Mon	537 104 32 90769 52199 93521 ... 43849 56628 78334 104 32 00000	USB	(PY)
E06	15-8	0210	11472	Tue	537 104 32 90769 52199 93521 ... 43849 56628 78334 104 32 00000	USB	(PY)
E06	15-8	0310	13572	Tue	537 104 32 90769 52199 93521 ... 43849 56628 78334 104 32 00000	USB	(PY)
E06	17-8	0500	13540	Thu	210 496 53 13765 03107 52045 57306 ... 72461 92421 62841 496 53 00000	USB	(AB)
E06	17-8	0600	16115	Thu	210 496 53 13765 03107 52045 57306 ... 72461 92421 62841 496 53 00000	USB	(AB-CYP)
E06	18-8	0500	13540	Fri	210 496 53 13765 03107 52045 57306 ... 72461 92421 62841 496 53 00000	USB	(AB)
E06	18-8	0500	13540	Fri	210 496 53 13765 03107 52045 57306 58662	USB	(Lac)
E06	18-8	0600	16115	Fri	210 496 53 13765 03107 52045 57306 ... 72461 92421 62841 496 53 00000	USB	(AB-CYP)
E06	21-8	0210	11472	Mon	537 826 33 83487 19167 52231 ... _889 59670 97461 826 33 00000	USB	(PY)
E06	21-8	0310	13584	Mon	537 826 33 83487 19167 52231 ... _889 59670 97461 826 33 00000	USB	(PY)
E06	22-8	0210	11472	Tue	537 826 33 83487 19167 52231 ... _889 59670 97461 826 33 00000	USB	(PY)
E06	22-8	0310	13572	Tue	537 826 33 83487 19167 52231 ... _889 59670 97461 826 33 00000	USB	(PY)
E06	24-8	0300	14648	Thu	361 _89 50 02251 16_82 16_26 ... 2__8_ 15401 67255 _89 50 00000	USB	(PY)

E06	24-8	0400	12084	Thu	361_89 50 02251 16_82 16_26 ... 2_8_ 15401 67255 _89 50 00000	USB	(PY)
E06	25-8	0300	14648	Fri	361_89 50 02251 16_82 16_26 ... 2_8_ 15401 67255 _89 50 00000	USB	(PY)
E06	25-8	0400	12084	Fri	361_89 50 02251 16_82 16_26 ... 2_8_ 15401 67255 _89 50 00000	USB	(PY)
E06	28-8	0210	11472	Mon	537 190 34 72815 89397 84030 ... 07632 56161 27424 190 34 00000	USB	(PY)
E06	28-8	0310	13584	Mon	537 190 34 72815 89397 84030 ... 07632 56161 27424 190 34 00000	USB	(PY)
E06	29-8	0210	11472	Tue	537 190 34 72815 89397 84030 ... 07632 56161 27424 190 34 00000	USB	(PY)
E06	29-8	0310	13575	Tue	537 190 34 72815 89397 84030 ... 07632 56161 27424 190 34 00000	USB	(PY)
E06	31-8	0300	14648	Thu	361 725 30 35270 11470 53463 ... 61342 71074 57231 725 30 00000	USB	(PY)
E06	31-8	0400	12084	Thu	361 725 30 35270 11470 53463 ... 61342 71074 57231 725 30 00000	USB	(PY)
E07	1-8	1500	17453	Tue	432 432 432 1 3412 134 3412 134 33625 53890 11822 ... 15823 36671 60027 000 000	USB	(AB-POL/HFD-KWT)
E07	1-8	1520	18353	Tue	432 432 432 1 3412 134 3412 134 33625 53890 11822 ... 15823 36671 60027 000 000	USB	(AB-KWT-HFD-KWT)
E07	1-8	1540	19253	Tue	432 432 432 1 3412 134 3412 134 33625 53890 11822 ... 15823 36671 60027 000 000	USB	(AB-KWT/HFD-KWT)
E07	3-8	1410	13519	Thu	288 288 288 1 2286 83 2286 83 59839 69041 36321 ... 87432 77637 97420 000 000	USB	(AB/MPJ/HFD)
E07	3-8	1430	14819	Thu	288 288 288 1 2286 83 2286 83 59839 69041 36321 ... 87432 77637 97420 000 000	USB	(AB/MPJ/HFD)
E07	3-8	1450	15919	Thu	288 288 288 1 2286 83 2286 83 59839 69041 36321 ... 87432 77637 97420 000 000	USB	(AB/MPJ/HFD)
E07	4-8	1500	17453	Fri	432 432 432 1 3412 134 3412 134 33625 53890 11822 ... 15823 36671 60027 000 000	USB	(AB-KWT/Lac)
E07	4-8	1520	18353	Fri	432 432 432 1 3412 134 3412 134 33625 53890 11822 ... 15823 36671 60027 000 000	USB	(AB-CYP/Lac)
E07	4-8	1540	19253	Fri	432 432 432 1 3412 134 3412 134 33625 53890 11822 ... 15823 36671 60027 000 000	USB	(AB-KWT/Lac)
E07	5-8	1300	12176	Sat	152 152 152 000	USB	(AB/MPJ)
E07	5-8	1320	11576	Sat	152 152 152 000	USB	(AB/MPJ)
E07	5-8	1410	13519	Sat	288 288 288 1 2286 83 2286 83 59839 69041 36321 ... 87432 77637 97420 000 000	USB	(AB/MPJ)
E07	5-8	1430	14819	Sat	288 288 288 1 2286 83 2286 83 59839 69041 36321 ... 87432 77637 97420 000 000	USB	(AB/MPJ)
E07	5-8	1450	15919	Sat	288 288 288 1 2286 83 2286 83 59839 69041 36321 ... 87432 77637 97420 000 000	USB	(AB/MPJ)
E07	6-8	0600	9261	Sun	224 224 224 000	USB	(AB/HFD)
E07	6-8	0620	10261	Sun	224 224 224 000	USB	(AB/HFD)
E07	8-8	1500	17453	Tue	432 432 432 000	USB	(AB)
E07	8-8	1520	18353	Tue	432 432 432 000	USB	(AB)
E07	10-8	1410	13519	Thu	288 288 288 000	USB	(AB-POL)
E07	10-8	1430	14819	Thu	288 288 288 000	USB	(AB-POL)
E07	11-8	1500	17453	Fri	432 432 432 000	USB	(AB-KWT/MPJ)
E07	11-8	1520	18353	Fri	432 432 432 000	USB	(AB-KWT/MPJ)
E07	12-8	1300	12176	Sat	152 152 152 000	USB	(AB)
E07	12-8	1320	11576	Sat	152 152 152 000	USB	(AB)
E07	12-8	1410	13519	Sat	288 288 288 000	USB	(AB/MPJ)
E07	12-8	1430	14819	Sat	288 288 288 000	USB	(AB/MPJ)
E07	13-8	0600	9261	Sun	224 224 224 000	USB	(AB)
E07	13-8	0620	10261	Sun	224 224 224 000	USB	(AB)
E07	15-8	1500	17453	Tue	432 432 432 1 6982 97 6982 97 97335 27697 25761 ... 87351 17917 68856 000 000	USB	(AB/A101/MPJ/Lac)
E07	15-8	1520	18353	Tue	432 432 432 1 6982 97 6982 97 97335 27697 25761 ... 87351 17917 68856 000 000	USB	(AB/MPJ/Lac)
E07	15-8	1540	19253	Tue	432 432 432 1 6982 97 6982 97 97335 27697 25761 ... 87351 17917 68856 000 000	USB	(AB/MPJ/Lac)
E07	17-8	1410	13519	Thu	288 288 288 1 307 73 307 73 91785 06235 14640 ... 63581 41077 62343 000 000	USB	(AB-POL)
E07	17-8	1430	14819	Thu	288 288 288 1 307 73 307 73 91785 06235 14640 ... 63581 41077 62343 000 000	USB	(AB-POL)

E07	17-8	1450	15919	Thu	288 288 288 1 307 73 307 73 91785 06235 14640 ... 63581 41077 62343 000 000	USB	(AB-POL)
E07	18-8	1500	17453	Fri	432 432 432 1 6982 97 6982 97 97335 27697 25761 ... 87351 17917 68856 000 000. Restart at 1510z	USB	(AB/MPJ)
E07	18-8	1520	18353	Fri	432 432 432 1 6982 97 6982 97 97335 27697 25761 ... 87351 17917 68856 000 000	USB	(AB/MPJ)
E07	18-8	1540	19253	Fri	432 432 432 1 6982 97 6982 97 97335 27697 25761 ... 87351 17917 68856 000 000	USB	(AB-KWT/MPJ)
E07	19-8	1300	12176	Sat	152 152 152 000	USB	(AB)
E07	19-8	1320	11576	Sat	152 152 152 000	USB	(AB)
E07	19-8	1410	13519	Sat	288 288 288 1 307 73 307 73 91785 06235 14640 ... 63581 41077 62343 000 000	USB	(AB/A101)
E07	19-8	1430	14819	Sat	288 288 288 1 307 73 307 73 91785 06235 14640 ... 63581 41077 62343 000 000	USB	(AB-POL)
E07	19-8	1450	15919	Sat	288 288 288 1 307 73 307 73 91785 06235 14640 ... 63581 41077 62343 000 000	USB	(AB-POL)
E07	20-8	0600	9261	Sun	224 224 224 000	USB	(AB/Lac)
E07	20-8	0620	10261	Sun	224 224 224 000	USB	(AB/Lac)
E07	22-8	1500	17453	Tue	432 432 432 000	USB	(AB/Lac)
E07	22-8	1520	18353	Tue	432 432 432 000	USB	(AB/Lac)
E07	24-8	1410	13519	Thu	288 288 288 000	USB	(AB-POL/MPJ)
E07	24-8	1430	14819	Thu	288 288 288 000	USB	(AB/MPJ/Lac)
E07	25-8	1500	17453	Fri	432 432 432 000	USB	(AB-KWT/MPJ)
E07	25-8	1520	18353	Fri	432 432 432 000	USB	(AB-KWT/MPJ)
E07	26-8	1300	12176	Sat	152 152 152 000	USB	(AB)
E07	26-8	1320	11576	Sat	152 152 152 000	USB	(AB)
E07	26-8	1410	13519	Sat	288 288 288 000	USB	(AB)
E07	26-8	1430	14819	Sat	288 288 288 000	USB	(AB-POL)
E07	27-8	0600	9261	Sun	224 224 224 000	USB	(AB)
E07	27-8	0620	10261	Sun	224 224 224 000	USB	(AB)
E07	29-8	1500	17453	Tue	432 432 432 1 9220 56 9220 56 05778 59541 00564 ... 42783 07838 87345 000 000	USB	(AB)
E07	29-8	1520	18353	Tue	432 432 432 1 9220 56 9220 56 05778 59541 00564 ... 42783 07838 87345 000 000	USB	(AB)
E07	29-8	1540	19253	Tue	432 432 432 1 9220 56 9220 56 05778 59541 00564 ... 42783 07838 87345 000 000	USB	(AB)
E07	31-8	1410	13519	Thu	288 288 288 1 115 92 115 92 57427 79435 53416 ... 03666 41984 81600 000 000	USB	(AB-POL)
E07	31-8	1430	14819	Thu	288 288 288 1 115 92 115 92 57427 79435 53416 ... 03666 41984 81600 000 000	USB	(AB)
E07	31-8	1450	15919	Thu	288 288 288 1 115 92 115 92 57427 79435 53416 ... 03666 41984 81600 000 000	USB	(AB)
E11	1-8	0645	8091	Tue	514/00 Out	USB	(AB/Lac)
E11	1-8	0700	8680	Tue	579/00 Out	USB	(AB/Lac)
E11	1-8	0715	10429	Tue	633/00 Out	USB	(AB)
E11	1-8	0745	14940	Tue	228/00 Out	USB	(AB)
E11	1-8	0820	17378	Tue	131/00 Out	USB	(AB-POL)
E11	1-8	0845	19184	Tue	151/00 Out	USB	(AB-POL)
E11	1-8	1000	12153	Tue	302/00 Out	USB	(AB)
E11	1-8	1205	6304	Tue	469/00 Out	USB	(AB)
E11	1-8	1430	12984	Tue	911/00 Out	USB	(AB)
E11	1-8	1605	5231	Tue	233/00 Out	USB	(AB)
E11	2-8	0315	14972	Wed	252/00 Out	USB	(AB-POL)
E11	2-8	0715	18030	Wed	757/00 Out	USB	(AB-POL)

E11	2-8	0745	15720	Wed	346/00 Out	USB	(AB)
E11	2-8	0820	17378	Wed	136/00 Out	USB	(AB)
E11	2-8	0845	12815	Wed	713/00 Out	USB	(AB)
E11	2-8	0900	9052	Wed	535/00 Out	USB	(AB)
E11	2-8	0930	6923	Wed	271/00 Out		(AB-POL)
E11	2-8	1045	12089	Wed	692/00 Out	USB	(AB)
E11	2-8	1205	6304	Wed	469/00 Out	USB	(AB)
E11	3-8	0645	8091	Thu	511/00 Out	USB	(AB)
E11	3-8	0745	14940	Thu	227/00 Out	USB	(AB)
E11	3-8	0820	4909	Thu	431/00 Out	USB	(AB-POL/Lac)
E11	3-8	0845	19184	Thu	Two test tones but no transmission heard	USB	(AB-POL)
E11	3-8	0930	6923	Thu	271/00 Out	USB	(AB-POL)
E11	3-8	1300	5737	Thu	311/00 Out	USB	(AB)
E11	3-8	1530	10356	Thu	266/00 Out	USB	(AB/MPJ)
E11	3-8	1730	8088	Thu	416/00 Out	USB	(AB)
E11	3-8	1900	7600	Thu	647/00 Out	USB	(AB-POL)
E11	3-8	2000	5409	Thu	525/00 Out	USB	(AB)
E11	4-8	0700	8680	Fri	571/00 Out	USB	(AB/Lac)
E11	4-8	0715	10429	Fri	631/00 Out	USB	(AB/Lac)
E11	4-8	0745	15720	Fri	342/00 Out	USB	(AB/Lac)
E11	4-8	0820	4909	Fri	430/00 Out	USB	(AB-POL/Lac)
E11	4-8	0830	16335	Fri	189/00 Out	USB	(AB/Lac)
E11	4-8	1000	12153	Fri	309/00 Out	USB	(AB/Lac)
E11	4-8	1815	12229	Fri	921/00 Out	USB	(AB-POL/Lac)
E11	4-8	1910	9610	Fri	610/00 Out	USB	(AB)
E11	5-8	1430	12984	Sat	918/00 Out	USB	(AB/MPJ)
E11	5-8	1530	5082	Sat	360/00 Out	USB	(AB/MPJ)
E11	6-8	1530	5082	Sun	360/00 Out	USB	(AB)
E11	6-8	1605	5231	Sun	233/00 Out	USB	(AB-POL)
E11	6-8	1745	14410	Sun	249/00 Out	USB	(AB/MPJ)
E11	6-8	1815	12229	Sun	920/00 Out	USB	(AB/MPJ)
E11	6-8	1910	9610	Sun	614/00 Out	USB	(AB)
E11	6-8	2000	5409	Sun	527/00 Out	USB	(AB)
E11	7-8	0450	7469	Mon	415/00 Out	USB	(AB/Lac)
E11	7-8	0715	18030	Mon	751/00 Out	USB	(AB)
E11	7-8	0745	9610	Mon	260/00 Out	USB	(AB)
E11	7-8	0845	12815	Mon	719/00 Out	USB	(AB)
E11	7-8	0900	9052	Mon	532/00 Out	USB	(AB)
E11	7-8	1045	12089	Mon	698/00 Out	USB	(AB)
E11	7-8	1300	5737	Mon	316/00 Out	USB	(AB)
E11	7-8	1745	14410	Mon	245/00 Out	USB	(AB-POL/MPJ)
E11	7-8	1900	7600	Mon	647/00 Out	USB	(AB-POL)

E11	8-8	0645	8091	Tue	515/00 Out	USB	(AB/Lac)
E11	8-8	0700	8680	Tue	570/00 Out	USB	(AB/Lac)
E11	8-8	0715	10429	Tue	634/00 Out	USB	(AB/Lac)
E11	8-8	0745	14940	Tue	223/00 Out	USB	(AB-POL/Lac)
E11	8-8	0820	17378	Tue	131/00 Out	USB	(AB-POL/Lac)
E11	8-8	0845	19184	Tue	151/00 Out	USB	(AB-POL/Lac)
E11	8-8	1000	12153	Tue	306/00 Out	USB	(AB/Lac)
E11	8-8	1205	6304	Tue	461/00 Out	USB	(AB/Lac)
E11	8-8	1645	14575	Tue	334/00 Out	USB	(AB/MPJ/Lac)
E11	9-8	0715	18030	Wed	752/00 Out	USB	(AB-POL/Lac)
E11	9-8	0745	15720	Wed	342/00 Out	USB	(AB-POL/Lac)
E11	9-8	0820	17378	Wed	131/00 Out	USB	(AB/Lac)
E11	9-8	0845	12815	Wed	718/00 Out	USB	(AB/Lac)
E11	9-8	0900	9052	Wed	536/00 Out	USB	(AB/Lac)
E11	9-8	0930	6923	Wed	279/00 Out		(AB-POL/Lac)
E11	9-8	1045	12089	Wed	694/00 Out	USB	(AB)
E11	9-8	1205	6304	Wed	464/00 Out	USB	(AB/Lac)
E11	9-8	1715	7863	Wed	976/00 Out	USB	(AB/Lac)
E11	9-8	1910	4783	Wed	396/00 Out	USB	(AB)
E11	10-8	0645	8091	Thu	517/00 Out	USB	(AB)
E11	10-8	0745	14940	Thu	229/00 Out	USB	(AB)
E11	10-8	0845	19184	Thu	155/00 Out	USB	(AB-POL)
E11	10-8	0930	6923	Thu	273/00 Out	USB	(AB-POL)
E11	10-8	1300	5737	Thu	315/00 Out	USB	(AB)
E11	10-8	1530	10356	Thu	261/00 Out	USB	(AB)
E11	10-8	1645	14575	Thu	333/00 Out	USB	(AB)
E11	10-8	1730	8088	Thu	411/00 Out	USB	(AB)
E11	10-8	1900	7600	Thu	643/00 Out	USB	(AB-POL)
E11	11-8	0600	9150	Fri	359/00 Out	USB	(AB/Lac)
E11	11-8	0700	8680	Fri	579/00 Out	USB	(AB)
E11	11-8	0715	10429	Fri	637/00 Out	USB	(AB)
E11	11-8	0745	15720	Fri	346/00 Out	USB	(AB)
E11	11-8	1000	12153	Fri	306/00 Out	USB	(AB)
E11	11-8	1715	7863	Fri	972/00 Out	USB	(AB/MPJ)
E11	11-8	1910	9610	Fri	610/00 Out	USB	(AB-POL)
E11	12-8	0700	7377	Sat	491/00 Out	USB	(AB/SOB)
E11	12-8	1910	4783	Sat	391/00 Out	USB	(AB)
E11	13-8	0600	9150	Sun	352/00 Out	USB	(AB)
E11	13-8	0700	7377	Sun	497/00 Out	USB	(AB)
E11	13-8	1745	14410	Sun	249/00 Out	USB	(AB)
E11	13-8	1910	9610	Sun	616/00 Out	USB	(AB)
E11	14-8	0315	14972	Mon	253/00 Out	USB	(AB/HFD)

E11	14-8	0450	7469	Mon	418/00 Out	USB	(AB/Lac)
E11	14-8	0715	18030	Mon	751/00 Out	USB	(AB)
E11	14-8	0745	9610	Mon	260/00 Out	USB	(AB/Lac)
E11	14-8	0830	16335	Mon	184/00 Out	USB	(AB/Lac)
E11	14-8	0845	12815	Mon	719/00 Out	USB	(AB/Lac)
E11	14-8	0900	9052	Mon	535/00 Out	USB	(AB/Lac)
E11	14-8	1045	12089	Mon	692/00 Out	USB	(AB/Lac)
E11	14-8	1300	5737	Mon	311/00 Out	USB	(AB/MPJ-HOL)
E11	15-8	0645	8091	Tue	518/00 Out	USB	(AB)
E11	15-8	0700	8680	Tue	571/00 Out	USB	(AB)
E11	15-8	0820	17378	Tue	133/00 Out	USB	(AB-POL)
E11	15-8	0845	19184	Tue	152/00 Out	USB	(AB)
E11	15-8	1000	12153	Tue	309/00 Out	USB	(AB)
E11	15-8	1430	12984	Tue	919/00 Out	USB	(AB/Lac)
E11	15-8	1605	5231	Tue	232/00 Out	USB	(AB/Lac)
E11	15-8	1645	14575	Tue	338/00 Out	USB	(AB)
E11	16-8	0715	18030	Wed	752/00 Out	USB	(AB-POL)
E11	16-8	0820	17378	Wed	131/00 Out	USB	(AB-POL)
E11	16-8	0845	12815	Wed	713/00 Out	USB	(AB)
E11	16-8	0900	9052	Wed	538/00 Out	USB	(AB)
E11	16-8	1045	12089	Wed	691/00 Out	USB	(AB)
E11	16-8	1715	7863	Wed	970/00 Out	USB	(AB/MPJ)
E11	16-8	1910	4783	Wed	391/00 Out	USB	(AB)
E11	17-8	0645	8091	Thu	517/00 Out	USB	(AB)
E11	17-8	0845	19184	Thu	155/00 Out	USB	(AB-POL)
E11	17-8	1300	5737	Thu	319/00 Out	USB	(AB-POL)
E11	17-8	1530	10356	Thu	269/00 Out	USB	(AB)
E11	17-8	1645	14575	Thu	334/00 Out	USB	(AB-POL)
E11	17-8	1730	8088	Thu	415/00 Out	USB	(AB)
E11	17-8	2000	5409	Thu	521/00 Out	USB	(AB)
E11	18-8	0600	9150	Fri	359/00 Out	USB	(AB)
E11	18-8	0700	8680	Fri	571/00 Out	USB	(AB)
E11	18-8	0830	16335	Fri	182/00 Out	USB	(AB)
E11	18-8	1000	12153	Fri	307/00 Out	USB	(AB)
E11	18-8	1715	7863	Fri	970/00 Out	USB	(AB)
E11	18-8	1815	12229	Fri	929/00 Out	USB	(AB)
E11	18-8	1910	9610	Fri	613/00 Out	USB	(AB)
E11	19-8	0700	7377	Sat	497/00 Out	USB	(AB)
E11	19-8	1430	12984	Sat	915/00 Out	USB	(AB)
E11	19-8	1530	5082	Sat	366/00 Out	USB	(AB)
E11	19-8	1910	4783	Sat	396/00 Out	USB	(AB)
E11	20-8	0600	9150	Sun	352/00 Out	USB	(AB/Lac)

E11	20-8	0700	7377	Sun	492/00 Out	USB	(AB)
E11	20-8	1530	5082	Sun	365/00 Out	USB	(AB)
E11	20-8	1605	5231	Sun	235/00 Out	USB	(AB/Lac)
E11	20-8	1745	14410	Sun	242/00 Out	USB	(Lac)
E11	20-8	1815	12229	Sun	922/00 Out	USB	(Lac)
E11	20-8	2000	5409	Sun	523/00 Out	USB	(AB)
E11	21-8	0315	14972	Mon	252/00 Out	USB	(AB-POL)
E11	21-8	0715	18030	Mon	754/00 Out	USB	(AB-POL)
E11	21-8	0715	18030	Mon	754/00 Out	USB	(Lac)
E11	21-8	0830	16335	Mon	185/00 Out	USB	(AB/Lac)
E11	21-8	0845	12815	Mon	714/00 Out	USB	(AB/Lac)
E11	21-8	1300	5737	Mon	316/00 Out	USB	(AB-POL/Lac)
E11	21-8	1745	14410	Mon	248/00 Out	USB	(AB/MPJ/Lac)
E11	21-8	1900	7600	Mon	644/00 Out	USB	(AB/Lac)
E11	22-8	0645	8091	Tue	514/00 Out	USB	(AB/Lac)
E11	22-8	0715	10429	Tue	630/00 Out	USB	(AB/Lac)
E11	22-8	0745	14940	Tue	229/00 Out	USB	(AB/Lac)
E11	22-8	0820	17378	Tue	130/00 Out	USB	(AB-POL/SOB)
E11	22-8	1205	6304	Tue	469/00 Out	USB	(AB-POL)
E11	22-8	1430	12984	Tue	917/00 Out	USB	(AB-POL/MPJ)
E11	22-8	1605	5231	Tue	237/00 Out	USB	(AB/Lac)
E11	22-8	1645	14575	Tue	335/00 Out	USB	(AB-POL/MPJ)
E11	23-8	0745	15720	Wed	340/00 Out	USB	(AB-POL/Lac)
E11	23-8	0820	17378	Wed	138/00 Out	USB	(AB-POL/Lac)
E11	23-8	0845	12815	Wed	718/00 Out	USB	(AB/Lac)
E11	23-8	0930	6923	Wed	275/00 Out	USB	(AB-POL/Lac)
E11	23-8	1205	6304	Wed	463/00 Out	USB	(AB/Lac)
E11	23-8	1715	7863	Wed	972/00 Out	USB	(AB/Lac)
E11	23-8	1910	4783	Wed	395/00 Out	USB	(AB/Lac)
E11	24-8	0645	8091	Thu	511/00 Out	USB	(AB)
E11	24-8	0745	14940	Thu	227/00 Out	USB	(AB)
E11	24-8	0820	7391	Thu	436/00 Out	USB	(AB/Lac)
E11	24-8	0930	6923	Thu	271/00 Out	USB	(AB-POL)
E11	24-8	1300	5737	Thu	310/00 Out	USB	(AB-POL/MPJ)
E11	24-8	1645	14575	Thu	338/00 Out	USB	(AB-POL/MPJ)
E11	24-8	1900	7600	Thu	646/00 Out	USB	(AB)
E11	24-8	2000	5409	Thu	527/00 Out	USB	(AB)
E11	25-8	0600	9150	Fri	352/00 Out	USB	(AB/Lac)
E11	25-8	0715	10429	Fri	633/00 Out	USB	(AB)
E11	25-8	0745	15720	Fri	343/00 Out	USB	(AB-POL/Lac)
E11	25-8	0820	7391	Fri	431/00 Out	USB	(AB/sse/Lac)
E11	25-8	0830	16335	Fri	182/00 Out	USB	(AB)

E11	25-8	1715	7863	Fri	970/00 Out	USB	(AB/MPJ)
E11	25-8	1815	12229	Fri	927/00 Out	USB	(AB/MPJ)
E11	26-8	0700	7377	Sat	490/00 Out	USB	(AB)
E11	26-8	1530	5082	Sat	367/00 Out	USB	(AB)
E11	26-8	1910	4783	Sat	396/00 Out	USB	(AB)
E11	27-8	0600	9150	Sun	354/00 Out	USB	(AB)
E11	27-8	0700	7377	Sun	492/00 Out	USB	(AB)
E11	27-8	1530	5082	Sun	360/00 Out	USB	(AB-POL)
E11	27-8	1605	5231	Sun	237/00 Out	USB	(AB-POL)
E11	27-8	1745	14410	Sun	242/00 Out	USB	(AB)
E11	27-8	1815	12229	Sun	929/00 Out	USB	(AB/MPJ)
E11	27-8	1910	9610	Sun	618/00 Out	USB	(AB)
E11	27-8	2000	5409	Sun	521/00 Out	USB	(AB)
E11	28-8	0315	14972	Mon	250/00 Out	USB	(AB)
E11	28-8	0450	7469	Mon	412/00 Out	USB	(AB)
E11	28-8	0745	9610	Mon	269/00 Out	USB	(AB)
E11	28-8	0830	16335	Mon	188/00 Out	USB	(AB-POL)
E11	28-8	0900	9052	Mon	534/00 Out	USB	(AB)
E11	28-8	1045	12089	Mon	691/00 Out	USB	(AB/MPJ-S)
E11	28-8	1745	14410	Mon	245/00 Out	USB	(AB-POL)
E11	28-8	1900	7600	Mon	643/00 Out	USB	(AB)
E11	29-8	0700	8680	Tue	577/00 Out	USB	(AB)
E11	29-8	0715	10429	Tue	637/00 Out	USB	(AB)
E11	29-8	0745	14940	Tue	228/00 Out	USB	(AB)
E11	29-8	0845	19184	Tue	152/00 Out	USB	(AB-POL)
E11	29-8	1000	12153	Tue	305/00 Out	USB	(AB)
E11	29-8	1205	6304	Tue	465/00 Out	USB	(AB-POL)
E11	29-8	1430	12984	Tue	917/00 Out	USB	(AB-POL)
E11	29-8	1605	5231	Tue	237/00 Out	USB	(AB)
E11	29-8	1645	14575	Tue	334/00 Out	USB	(AB-POL)
E11	30-8	0315	14972	Wed	256/00 Out	USB	(AB)
E11	30-8	0745	15720	Wed	347/00 Out	USB	(AB)
E11	30-8	0900	9052	Wed	537/00 Out	USB	(AB)
E11	30-8	0930	6923	Wed	277/00 Out	USB	(AB-POL)
E11	30-8	1045	12089	Wed	697/00 Out	USB	(AB/MPJ)
E11	30-8	1205	6304	Wed	463/00 Out	USB	(AB-POL)
E11	30-8	1715	7863	Wed	972/00 Out	USB	(AB)
E11	30-8	1910	4783	Wed	390/00 Out	USB	(AB)
E11	31-8	0745	14940	Thu	221/00 Out	USB	(AB)
E11	31-8	0820	7391	Thu	436/00 Out	USB	(AB)
E11	31-8	0845	19184	Thu	159/00 Out	USB	(AB-POL)
E11	31-8	0930	6923	Thu	276/00 Out	USB	(AB-POL)

E11	31-8	1530	10356	Thu	266/00 Out	USB	(AB)
E11	31-8	1645	14575	Thu	338/00 Out	USB	(AB-POL)
E11	31-8	1730	8088	Thu	414/00 Out	USB	(AB)
E11	31-8	1900	7600	Thu	640/00 Out	USB	(AB)
E11	31-8	2000	5409	Thu	524/00 Out	USB	(AB)
E11a	1-8	1645	14575	Tue	338/34 Attention 71362 16681 46121 ... 60309 26201 89407 Attention (msg rptd) Out	USB	(AB/MPJ/Lac/Subilo)
E11a	2-8	1715	7863	Wed	972/32 Attention 30768 85237 17104 ... 11066 68813 34750 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	2-8	1910	4783	Wed	391/34 Attention 54607 29435 91508 ... 46522 56676 44552 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	3-8	1645	14575	Thu	338/34 Attention 71362 16681 46121 ... 60309 26201 89407 Attention (msg rptd) Out	USB	(AB/MPJ/Subilo)
E11a	4-8	0600	9150	Fri	350/34 Attention 15969 16166 10449 ... 26472 00338 21701 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	4-8	1715	7863	Fri	972/32 Attention 30768 85237 17104 ... 11066 68813 34750 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	5-8	0700	7377	Sat	495/31 Attention 05522 25171 11397 ... 84285 32744 12885 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	5-8	1910	4783	Sat	391/34 Attention 54607 29435 91508 ... 46522 56676 44552 Attention (msg rptd) Out	UTC	(Subilo)
E11a	6-8	0600	9150	Sun	350/34 Attention 15969 16166 10449 ... 26472 00338 21701 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	6-8	0700	7377	Sun	495/31 Attention 05522 25171 11397 ... 84285 32744 12885 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	7-8	0315	14972	Mon	252/32 Attention 44949 05155 20741 ... 47846 75070 77838 Attention (msg rptd) Out	UTC	(Subilo)
E11a	7-8	0315	14972	Mon	252/32 Attention 44949 05155 20741 ... 47846 75070 77838 Attention (msg rptd) Out	UTC	(Subilo)
E11a	7-8	0830	16335	Mon	180/40 Attention 98407 12733 59534 ... 13299 58889 56759 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	8-8	1430	12984	Tue	919/40 Attention 73328 77306 07129 ... 28208 73733 82017 Attention (msg rptd) Out	USB	(AB/MPJ/Lac/Subilo)
E11a	8-8	1605	5231	Tue	237/37 Attention 68135 72650 19157 ... 06247 36332 84401 Attention (msg rptd)	USB	(AB/Subilo)
E11a	9-8	0315	14972	Wed	252/32 Attention (too weak to copy)	USB	(AB/Subilo)
E11a	10-8	2000	5409	Thu	521/35 Attention 15348 94751 69596 ... 34269 68242 87015 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	11-8	0830	16335	Fri	180/40 Attention 98407 12733 59534 ... 13299 58889 56759 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	11-8	1815	12229	Fri	925/34 Attention 51179 18187 25021 ... 56703 36853 65435 Attention (msg rptd) Out	USB	(AB-POL/MPJ/Subilo)
E11a	12-8	1430	12984	Sat	919/40 Attention 73328 77306 07129 ... 28208 73733 82017 Attention (msg rptd) Out	USB	(AB/MPJ/Subilo)
E11a	12-8	1530	5082	Sat	368/31 Attention 94068 60890 91418 ... 01296 85462 70007 Attention (msg rptd) Out	USB	(AB/SOB/Subilo)
E11a	13-8	1530	5082	Sun	368/31 Attention 94068 60890 91418 ... 01296 85462 70007 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	13-8	1605	5231	Sun	233/33 Attention 94109 75441 53925 ... 71889 97808 85170 Attention (msg rptd) Out	USB	(AB-POL/Lac/Subilo)
E11a	13-8	1815	12229	Sun	925/34 Attention 51179 18187 25021 ... 56703 36853 65435 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	13-8	2000	5409	Sun	521/35 Attention 15348 94751 69596 ... 34269 68242 87015 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	14-8	1745	14410	Mon	245/40 Attention 08291 79229 12995 ... 05737 24245 58488 Attention (msg rptd) Out	USB	(AB-POL/MPJ/Subilo)
E11a	14-8	1900	7600	Mon	646/32 Attention 99317 27919 72944 ... 35578 81438 10878 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	15-8	0715	10429	Tue	630/38 Attention 61387 62063 89061 ... 63180 89485 05433 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	15-8	0745	14940	Tue	225/32 Attention 29549 44793 63702 ... 62469 40971 42605 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	15-8	1205	6304	Tue	466/30 Attention 94023 93795 31730 ... 75352 68937 03143 Attention (msg rptd) Out	USB	(AB-POL/MPJ-AUT/Subilo)
E11a	16-8	0745	15720	Wed	347/33 Attention 82561 22133 50780 ... 46766 30419 11916 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	16-8	0930	6923	Wed	277/34 Attention 84438 85827 75648 ... 64083 57199 00452 Attention (msg rptd) Out	USB	(AB-POL/Subilo)

E11a	16-8	1205	6304	Wed	466/30 Attention 94023 93795 31730 ... 75352 68937 03143 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	17-8	0745	14940	Thu	225/32 Attention 29549 44793 63702 ... 62469 40971 42605 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	17-8	0820	7391	Thu	431/40 Attention 84230 61688 15070 ... 42339 70139 73210 Attention (msg rptd) Out	USB	(AB/sse/Subilo)
E11a	17-8	0930	6923	Thu	277/34 Attention 84438 85827 75648 ... 64083 57199 00452 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	17-8	1900	7600	Thu	646/32 Attention 99317 27919 72944 ... 35578 81438 10878 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	18-8	0715	10429	Fri	630/38 Attention 61387 62063 89061 ... 63180 89485 05433 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	18-8	0745	15720	Fri	347/33 Attention 82561 22133 50780 ... 46766 30419 11916 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	18-8	0820	7391	Fri	431/40 Attention 84230 61688 15070 ... 42339 70139 73210 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	18-8	1910	9610	Fri	612/39 Attention 85532 59110 39804 ... 09601 08845 77748 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	20-8	1910	9610	Sun	612/39 Attention 85532 59110 39804 ... 09601 08845 77748 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	21-8	0450	7469	Mon	410/38 Attention 03481 68114 02082 ... 22425 68408 14830 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	21-8	0745	9610	Mon	266/37 Attention 37680 98177 95720 ... 11460 99785 87771 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	21-8	0900	9052	Mon	537/37 Attention 34792 35740 93875 ... 48831 01952 77502 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	21-8	1045	12089	Mon	696/22 Attention 53085 99276 27219 ... 54724 07297 69642 Attention (msg rptd) Out	USB	(AB/MPJ/Lac)
E11a	22-8	0700	8680	Tue	576/31 Attention 89874 89038 73041 ... 74016 02137 17974 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	22-8	0845	19184	Tue	156/31 Attention 97254 68391 08226 ... 93070 76845 13445 Attention (msg rptd) Out	USB	(AB-POL/SOB/Subilo)
E11a	22-8	1000	12153	Tue	306/40 Attention 84439 06305 44901 ... 72379 25079 97333 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	23-8	0900	9052	Wed	537/37 Attention 34792 35740 93875 ... 48831 01952 77502 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	23-8	1045	12089	Wed	696/22 Attention 53085 99276 27219 ... 54724 07297 69642 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	24-8	0845	19184	Thu	156/31 Attention 97254 68391 08226 ... 93070 76845 13445 Attention (msg rptd) Out	USB	(AB-POL/Lac/Subilo)
E11a	24-8	1530	10356	Thu	266/37 Attention 37680 98177 95720 ... 11460 99785 87771 Attention (msg rptd) Out	USB	(AB/MPJ/Subilo)
E11a	24-8	1730	8088	Thu	410/38 Attention 03481 68114 02082 ... 22425 68408 14830 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	25-8	0700	8680	Fri	576/31 Attention 89874 89038 73041 ... 74016 02137 17974 Attention (msg rptd) Out	USB	(AB/Lac/Subilo)
E11a	25-8	1000	12153	Fri	306/40 Attention 84439 06305 44901 ... 72379 25079 97333 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	26-8	1430	12984	Sat	915/36 Attention ...	USB	(AB)
E11a	28-8	0715	18030	Mon	757/31 Attention 76240 40659 28063 ... 36368 84844 75144 Attention (msg rptd) Out	USB	(AB-POL)
E11a	28-8	0845	12815	Mon	710/38 Attention 15797 96349 63202 ... 07168 17957 47899 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	28-8	1300	5737	Mon	319/36 Attention 77101 80056 92287 ... 11893 80895 54052 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	29-8	0645	8091	Tue	510/34 Attention 08330 01100 50669 ... 81768 00499 53878 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	29-8	0820	17378	Tue	131/38 Attention 48806 66741 00333 ... 37822 66072 31191 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	30-8	0715	18030	Wed	757/31 Attention 76240 40659 28063 ... 36368 84844 75144 Attention (msg rptd) Out	USB	(AB-POL)
E11a	30-8	0820	17378	Wed	131/38 Attention 48806 66741 00333 ... 37822 66072 31191 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
E11a	30-8	0845	12815	Wed	710/38 Attention 15797 96349 63202 ... 07168 17957 47899 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	31-8	0645	8091	Thu	510/34 Attention 08330 01100 50669 ... 81768 00499 53878 Attention (msg rptd) Out	USB	(AB/Subilo)
E11a	31-8	1300	5737	Thu	319/36 Attention 77101 80056 92287 ... 11893 80895 54052 Attention (msg rptd) Out	USB	(AB-POL/Subilo)
EGY	2-8	1227	18981.7	Wed	Egyptian diplo i.p.	SITOR-A 100/170	(AB)
F01	1-8	1015	11076	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	1-8	1025	9164	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	1-8	1035	7316	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	2-8	0940	14493	Wed	Russian diplo/intel. 58823 79193 34068 ... 04550 79114 18217 00000 +++++ +++++	FSK 200/500	(FD)

F01	2-8	0940	14493	Wed	Russian diplo/intel. 58823 79193 34068 ... 04550 79114 18217 00000 +++++ +++++	FSK 200/500	(Pof)
F01	2-8	0950	17532	Wed	Russian diplo/intel. 58823 79193 34068 ... 04550 79114 18217 00000 +++++ +++++	FSK 200/500	(FD)
F01	2-8	0950	17532	Wed	Russian diplo/intel. 58823 79193 34068 ... 04550 79114 18217 00000 +++++ +++++	FSK 200/500	(Pof)
F01	2-8	1015	11076	Wed	Russian diplo/intel. 61019 38617 92306 ... 49906 37521 42415 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	2-8	1025	9164	Wed	Russian diplo/intel. 61019 38617 92306 ... 49906 37521 42415 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	2-8	1035	7316	Wed	Russian diplo/intel. 61019 38617 92306 ... 49906 37521 42415 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	2-8	1840	15854	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	2-8	1850	13543	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	2-8	1900	11126	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	3-8	1015	11076	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	3-8	1025	9164	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	3-8	1035	7316	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	4-8	1015	11076	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB)
F01	4-8	1025	9164	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	4-8	1035	7316	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	7-8	1015	11076	Mon	Russian diplo/intel. 20692 45486 40153 ... 61698 04525 45421 00000 +++++ +++++	FSK 200/500	(AB)
F01	7-8	1025	9164	Mon	Russian diplo/intel. 20692 45486 40153 ... 61698 04525 45421 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	7-8	1035	7316	Mon	Russian diplo/intel. 20692 45486 40153 ... 61698 04525 45421 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	8-8	1015	11076	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/HFD)
F01	8-8	1025	9164	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/HFD)
F01	8-8	1035	7316	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS/HFD)
F01	9-8	1015	11076	Wed	Russian diplo/intel. 40187 00855 24659 ... 29856 93927 48421 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	9-8	1025	9164	Wed	Russian diplo/intel. 40187 00855 24659 ... 29856 93927 48421 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	9-8	1035	7316	Wed	Russian diplo/intel. 40187 00855 24659 ... 29856 93927 48421 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	10-8	1015	11076	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10-8	1025	9164	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10-8	1035	7316	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11-8	1015	11076	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	11-8	1025	9164	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	11-8	1035	7316	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	14-8	1015	11076	Mon	Russian diplo/intel. 52969 45819 93878 ... 87730 30127 51417 00000 +++++	FSK 200/500	(AB)
F01	14-8	1025	9164	Mon	Russian diplo/intel. 52969 45819 93878 ... 87730 30127 51417 00000 +++++	FSK 200/500	(AB-RUS)
F01	14-8	1035	7316	Mon	Russian diplo/intel. 52969 45819 93878 ... 87730 30127 51417 00000 +++++	FSK 200/500	(AB-RUS)
F01	15-8	1015	11076	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	15-8	1025	9164	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	15-8	1035	7316	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	16-8	1015	11076	Wed	Russian diplo/intel. 51507 32920 91803 ... 90652 42222 54415 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	16-8	1025	9164	Wed	Russian diplo/intel. 51507 32920 91803 ... 90652 42222 54415 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	16-8	1035	7316	Wed	Russian diplo/intel. 51507 32920 91803 ... 90652 42222 54415 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	17-8	1015	11076	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	17-8	1025	9164	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	17-8	1035	7316	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)

F01	18-8	1015	11076	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	18-8	1025	9164	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	18-8	1035	7316	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	21-8	1015	11076	Mon	Russian diplo/intel. 91764 27498 49512 ... 39026 97688 57409 00000 +++++ +++++	FSK 200/500	(AB)
F01	21-8	1025	9164	Mon	Russian diplo/intel. 91764 27498 49512 ... 39026 97688 57409 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	21-8	1035	7316	Mon	Russian diplo/intel. 91764 27498 49512 ... 39026 97688 57409 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	22-8	1015	11076	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	22-8	1025	9164	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	22-8	1035	7316	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	23-8	1015	11076	Wed	Russian diplo/intel. 94597 98140 12637 ... 64716 56607 60423 00000 +++++	FSK 200/500	(AB-RUS)
F01	23-8	1025	9164	Wed	Russian diplo/intel. 94597 98140 12637 ... 64716 56607 60423 00000 +++++	FSK 200/500	(AB-RUS)
F01	23-8	1035	7316	Wed	Russian diplo/intel. 94597 98140 12637 ... 64716 56607 60423 00000 +++++	FSK 200/500	(AB-RUS)
F01	24-8	1015	11076	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	24-8	1025	9164	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	24-8	1035	7316	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	25-8	1015	11076	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	25-8	1025	9164	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	25-8	1035	7316	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	28-8	1015	11076	Mon	Russian diplo/intel. 26071 41869 07624 ... 95136 53424 63411 00000 +++++	FSK 200/500	(AB)
F01	28-8	1025	9164	Mon	Russian diplo/intel. 26071 41869 07624 ... 95136 53424 63411 00000 +++++	FSK 200/500	(AB-HNG)
F01	28-8	1035	7316	Mon	Russian diplo/intel. 26071 41869 07624 ... 95136 53424 63411 00000 +++++	FSK 200/500	(AB-RUS)
F01	29-8	1015	11076	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	29-8	1025	9164	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	29-8	1035	7316	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	30-8	1015	11076	Wed	Russian diplo/intel. 54113 63862 09261 ... 73047 32906 66407 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	30-8	1025	9164	Wed	Russian diplo/intel. 54113 63862 09261 ... 73047 32906 66407 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	30-8	1035	7316	Wed	Russian diplo/intel. 54113 63862 09261 ... 73047 32906 66407 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	31-8	1015	11076	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	31-8	1025	9164	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	31-8	1035	7316	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F02	2-8	0644	12121	Wed	Russian domestic net (long 1hr transmission)	MFSK-4/150Bd/4000Hz	(AB)
F02	3-8	0640	13484	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	4-8	0830	14918	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	4-8	0836	12121	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	10-8	0640	13484	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	11-8	0838	12121	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	15-8	0555	11637	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	15-8	0619	11637	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	15-8	0639	11637	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	15-8	0654	16107	Tue	Russian domestic net. Test	MFSK-4/150Bd/4000Hz	(AB)
F02	15-8	0700	16107	Tue	Russian domestic net. Long (1hr) transmission	MFSK-4/150Bd/4000Hz	(AB)
F02	18-8	0809	14918	Fri	Russian domestic net. Test	MFSK-4/150Bd/4000Hz	(AB)

F02	18-8	0830	14918	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	18-8	0834	14907	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	22-8	0830	14918	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	24-8	0637	19148	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	24-8	0650	19148	Thu	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	25-8	0607	13463	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	25-8	0620	13463	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	25-8	0624	9308	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	25-8	0633	9308	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	25-8	0830	14918	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	25-8	0836	12121	Fri	Russian domestic net. Long transmission. Off at 0930z	MFSK-4/150Bd/4000Hz	(AB)
F02	25-8	0847	15623	Fri	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	29-8	0830	14918	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F03j	1-8	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-8	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-8	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-8	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-8	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	1-8	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	1-8	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	1-8	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	1-8	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-8	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-8	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-8	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-8	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-8	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-8	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-8	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-8	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-8	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-8	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-8	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-8	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	3-8	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	3-8	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	3-8	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	4-8	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-8	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-8	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-8	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-8	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	4-8	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	0615	14865	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	0620	14865	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7-8	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	8-8	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	8-8	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8-8	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-8	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-8	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-8	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	9-8	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	9-8	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-8	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-8	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-8	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-8	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-8	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-8	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-8	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-8	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10-8	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10-8	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	10-8	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	11-8	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-8	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-8	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-8	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-8	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-8	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0615	14865	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	14-8	0620	14865	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14-8	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	15-8	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	15-8	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	15-8	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-8	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-8	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-8	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-8	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	16-8	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-8	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-8	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-8	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-8	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-8	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-8	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-8	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-8	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17-8	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17-8	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17-8	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18-8	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-8	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-8	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-8	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-8	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-8	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0615	14865	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	21-8	0620	14865	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	21-8	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	22-8	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	22-8	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	22-8	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-8	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-8	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-8	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-8	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	23-8	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-8	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-8	0430	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-8	0435	9079	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-8	0725	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-8	0730	17410	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-8	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-8	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-8	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	24-8	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	24-8	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	24-8	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	25-8	0810	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-8	0815	12397	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-8	0930	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-8	0935	6923	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-8	0945	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-8	0950	7663	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0615	14865	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	28-8	0620	14865	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0735	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0740	10210	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0810	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0815	12397	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0930	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	0935	6923	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	1010	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	28-8	1015	12984	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0430	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0435	9079	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0725	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0730	17410	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0800	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0805	18030	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0835	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	29-8	0840	19099	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	29-8	0945	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	29-8	0950	7663	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-8	0800	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	30-8	0805	18030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	30-8	0915	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	30-8	0920	6304	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	30-8	1010	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-8	1015	12984	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	31-8	0735	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	31-8	0740	10210	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	31-8	0835	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	31-8	0840	19099	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	31-8	0915	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	31-8	0920	6304	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03I	2-8	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	2-8	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	2-8	1100	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	2-8	1105	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-8	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	3-8	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	3-8	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	3-8	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	3-8	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	3-8	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-8	0950	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	7-8	0955	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7-8	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7-8	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	8-8	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	8-8	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	9-8	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	9-8	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	9-8	0950	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	9-8	0955	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	9-8	1100	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	9-8	1105	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-8	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	10-8	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	10-8	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-8	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-8	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	10-8	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-8	0800	7371	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	11-8	0805	7371	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-8	0950	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-8	0955	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	14-8	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	14-8	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	15-8	1100	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ-HOL)
F03I	15-8	1105	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ-HOL)
F03I	15-8	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	15-8	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-8	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	16-8	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	16-8	0950	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-8	0955	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-8	1100	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	16-8	1105	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-8	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	17-8	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	17-8	0800	7371	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-8	0805	7371	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-8	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-8	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-8	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	17-8	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	18-8	0800	7371	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	18-8	0805	7371	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-8	0950	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-8	0955	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	21-8	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	21-8	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	22-8	1100	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	22-8	1105	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	22-8	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	22-8	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-8	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	23-8	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	23-8	0950	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-8	0955	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-8	1100	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	23-8	1105	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-8	0430	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	24-8	0435	14410	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB-POL)
F03I	24-8	0800	7371	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-8	0805	7371	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-8	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	24-8	1805	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	24-8	1830	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	24-8	1835	6304	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-8	0800	7371	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	25-8	0805	7371	Fri	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-8	0950	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-8	0955	10200	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	28-8	1830	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	28-8	1835	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	29-8	1100	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-8	1105	7984	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-8	1800	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	29-8	1805	12385	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	30-8	0430	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	30-8	0435	14410	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	30-8	0950	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	30-8	0955	10200	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	30-8	1100	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	30-8	1105	7984	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	31-8	0800	7371	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	31-8	0805	7371	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	31-8	1800	12385	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	31-8	1805	12385	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	31-8	1830	6304	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F03I	31-8	1835	6304	Thu	Polish intel.		FSK-2 100Bd/200Hz/448bp	(AB)
F06	1-8	0700	11076	Tue	Russian diplo/intel. 11166 70202 85376 31077 01979 + 11166 70202 35241 31078 01799		FSK 200/1000	(AB-RUS)
F06	1-8	0710	9053	Tue	Russian diplo/intel. 11166 70202 85376 31077 01979 + 11166 70202 35241 31078 01799		FSK 200/1000	(AB-RUS)
F06	1-8	0720	7386	Tue	Russian diplo/intel. 11166 70202 85376 31077 01979 + 11166 70202 35241 31078 01799		FSK 200/1000	(AB-RUS)
F06	1-8	0800	9923	Tue	Russian diplo/intel. 11100 00000 45721 28098 01279		FSK 200/1000	(AB-RUS)
F06	1-8	0810	7369	Tue	Russian diplo/intel. 11100 00000 45721 28098 01279		FSK 200/1000	(AB-RUS)
F06	1-8	1200	10394	Tue	Russian diplo/intel. 11166 70202 85376 31077 01979 + 11166 70202 35241 31078 01799		FSK 200/1000	(AB/MPJ-HNG)
F06	1-8	1210	8076	Tue	Russian diplo/intel. 11166 70202 85376 31077 01979 + 11166 70202 35241 31078 01799		FSK 200/1000	(AB-RUS/MPJ-HNG)
F06	1-8	1220	6768	Tue	Russian diplo/intel. 11166 70202 85376 31077 01979 + 11166 70202 35241 31078 01799		FSK 200/1000	(AB-RUS/MPJ-HNG)
F06	1-8	1240	16186	Tue	Russian diplo/intel. 11166 30154 12365 01010 00049 00000 00000 00000 00000		FSK 200/1000	(PY)
F06	1-8	1250	13969	Tue	Russian diplo/intel. 11166 30154 12365 01010 00049 00000 00000 00000 00000		FSK 200/1000	(AB-J/PY)
F06	1-8	1650	20917	Tue	Russian diplo/intel. 11166 10053 49236 01001 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	1-8	1700	17529	Tue	Russian diplo/intel. 11166 10053 49236 01001 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	1-8	1710	15765	Tue	Russian diplo/intel. 11166 10053 49236 01001 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	2-8	0600	16346	Wed	Russian diplo/intel. 11166 40122 67485 29066 03469		FSK 200/1000	(AB-KOR)
F06	2-8	0610	14847	Wed	Russian diplo/intel. 11166 40122 67485 29066 03469		FSK 200/1000	(AB-KOR)
F06	2-8	0620	12223	Wed	Russian diplo/intel. 11166 40122 67485 29066 03469		FSK 200/1000	(AB-KOR)
F06	2-8	0700	11076	Wed	Russian diplo/intel. 11166 70202 98451 01079 02439		FSK 200/1000	(AB-RUS)
F06	2-8	0710	9053	Wed	Russian diplo/intel. 11166 70202 98451 01079 02439		FSK 200/1000	(AB-FIN)
F06	2-8	0720	7386	Wed	Russian diplo/intel. 11166 70202 98451 01079 02439		FSK 200/1000	(AB-FIN)
F06	2-8	1200	10394	Wed	Russian diplo/intel. 11166 70202 98451 01079 02439		FSK 200/1000	(AB-RUS)
F06	2-8	1210	8076	Wed	Russian diplo/intel. 11166 70202 98451 01079 02439		FSK 200/1000	(AB-FIN)
F06	2-8	1220	6768	Wed	Russian diplo/intel. 11166 70202 98451 01079 02439		FSK 200/1000	(AB-FIN)
F06	3-8	0600	16346	Thu	Russian diplo/intel. 11166 40122 67485 29066 03469		FSK 200/1000	(AB-KOR)
F06	3-8	0610	14847	Thu	Russian diplo/intel. 11166 40122 67485 29066 03469		FSK 200/1000	(AB-KOR)
F06	3-8	0620	12223	Thu	Russian diplo/intel. 11166 40122 67485 29066 03469		FSK 200/1000	(AB-KOR)
F06	3-8	0700	11076	Thu	Russian diplo/intel. 11166 70202 79462 02080 01839 + 11166 70202 85241 02081 01939		FSK 200/1000	(AB-RUS)
F06	3-8	0710	9053	Thu	Russian diplo/intel. 11166 70202 79462 02080 01839 + 11166 70202 85241 02081 01939		FSK 200/1000	(AB-FIN)
F06	3-8	0720	7386	Thu	Russian diplo/intel. 11166 70202 79462 02080 01839 + 11166 70202 85241 02081 01939		FSK 200/1000	(AB-FIN)
F06	3-8	1200	10394	Thu	Russian diplo/intel. 11166 70202 79462 02080 01839 + 11166 70202 85241 02081 01939		FSK 200/1000	(AB-RUS)
F06	3-8	1210	8076	Thu	Russian diplo/intel. 11166 70202 79462 02080 01839 + 11166 70202 85241 02081 01939		FSK 200/1000	(AB-FIN)
F06	3-8	1220	6768	Thu	Russian diplo/intel. 11166 70202 79462 02080 01839 + 11166 70202 85241 02081 01939		FSK 200/1000	(AB-FIN)
F06	3-8	1330	17439	Thu	Russian diplo/intel. 11166 80214 65147 03024 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	3-8	1340	13387	Thu	Russian diplo/intel. 11166 80214 65147 03024 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	3-8	1350	11145	Thu	Russian diplo/intel. 11166 80214 65147 03024 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	4-8	0700	11076	Fri	Russian diplo/intel. 11166 70202 65298 04035 00049 00000 00000 00000 00000		FSK 200/1000	(AB)
F06	4-8	0710	9053	Fri	Russian diplo/intel. 11166 70202 65298 04035 00049 00000 00000 00000 00000		FSK 200/1000	(AB-FIN)
F06	4-8	0720	7386	Fri	Russian diplo/intel. 11166 70202 65298 04035 00049 00000 00000 00000 00000		FSK 200/1000	(AB-FIN)
F06	6-8	1530	22913	Sun	Russian diplo/intel. 11166 10053 74963 06001 00049 00000 00000 00000 00000		FSK 200/1000	(AB-POL)
F06	6-8	1540	18241	Sun	Russian diplo/intel. 11166 10053 74963 06001 00049 00000 00000 00000 00000		FSK 200/1000	(AB)

F06	6-8	1550	17455	Sun	Russian diplo/intel. 11166 10053 74963 06001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-8	0400	10263	Mon	Russian diplo/intel. 11166 70059 98124 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-8	0410	8126	Mon	Russian diplo/intel. 11166 70059 98124 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-8	0420	6888	Mon	Russian diplo/intel. 11166 70059 98124 07001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	7-8	0700	11076	Mon	Russian diplo/intel. 11166 70202 49283 04082 02379	FSK 200/1000	(AB)
F06	7-8	0710	9053	Mon	Russian diplo/intel. 11166 70202 49283 04082 02379	FSK 200/1000	(AB-FIN)
F06	7-8	0720	7386	Mon	Russian diplo/intel. 11166 70202 49283 04082 02379	FSK 200/1000	(AB-FIN)
F06	7-8	1200	10394	Mon	Russian diplo/intel. 11166 70202 49283 04082 02379	FSK 200/1000	(AB-RUS)
F06	7-8	1210	8076	Mon	Russian diplo/intel. 11166 70202 49283 04082 02379	FSK 200/1000	(AB-POL)
F06	7-8	1220	6768	Mon	Russian diplo/intel. 11166 70202 49283 04082 02379	FSK 200/1000	(AB-POL)
F06	8-8	0030	12208	Tue	Russian diplo/intel. 11166 60070 12467 08089 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-8	0040	10166	Tue	Russian diplo/intel. 11166 60070 12467 08089 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-8	0050	9237	Tue	Russian diplo/intel. 11166 60070 12467 08089 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-8	0700	11076	Tue	Russian diplo/intel. 11166 70202 95628 07083 01839 + 11166 70202 13457 07084 01679	FSK 200/1000	(AB-RUS)
F06	8-8	0710	9053	Tue	Russian diplo/intel. 11166 70202 95628 07083 01839 + 11166 70202 13457 07084 01679	FSK 200/1000	(AB-RUS)
F06	8-8	0720	7386	Tue	Russian diplo/intel. 11166 70202 95628 07083 01839 + 11166 70202 13457 07084 01679	FSK 200/1000	(AB-RUS)
F06	8-8	1200	10394	Tue	Russian diplo/intel. 11166 70202 95628 07083 01839 + 11166 70202 13457 07084 01679	FSK 200/1000	(AB/MPJ-AUT)
F06	8-8	1210	8076	Tue	Russian diplo/intel. 11166 70202 95628 07083 01839 + 11166 70202 13457 07084 01679	FSK 200/1000	(AB-RUS/MPJ-AUT)
F06	8-8	1220	6768	Tue	Russian diplo/intel. 11166 70202 95628 07083 01839 + 11166 70202 13457 07084 01679	FSK 200/1000	(AB-RUS/MPJ-AUT)
F06	8-8	1240	16186	Tue	Russian diplo/intel. 11166 30154 37512 08371 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	8-8	1250	13969	Tue	Russian diplo/intel. 11166 30154 37512 08371 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	8-8	1650	20917	Tue	Russian diplo/intel. 11166 10053 24851 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	8-8	1700	17529	Tue	Russian diplo/intel. 11166 10053 24851 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	8-8	1710	15765	Tue	Russian diplo/intel. 11166 10053 24851 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPH)
F06	9-8	0600	16346	Wed	Russian diplo/intel. 11166 40122 14785 05067 03019 and 11166 40122 14725 05068 02359	FSK 200/1000	(AB-J)
F06	9-8	0610	14847	Wed	Russian diplo/intel. 11166 40122 14785 05067 03019 and 11166 40122 14725 05068 02359	FSK 200/1000	(AB-KOR)
F06	9-8	0620	12223	Wed	Russian diplo/intel. 11166 40122 14785 05067 03019 and 11166 40122 14725 05068 02359	FSK 200/1000	(AB-KOR)
F06	9-8	0700	11076	Wed	Russian diplo/intel. 11166 70202 36974 08085 02339	FSK 200/1000	(AB)
F06	9-8	0710	9053	Wed	Russian diplo/intel. 11166 70202 36974 08085 02339	FSK 200/1000	(AB-FIN)
F06	9-8	0720	7386	Wed	Russian diplo/intel. 11166 70202 36974 08085 02339	FSK 200/1000	(AB-FIN)
F06	9-8	0915	20355	Wed	Russian diplo/intel. 11166 40023 24975 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-8	0930	15665	Wed	Russian diplo/intel. 11166 40023 24975 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-8	0945	14378	Wed	Russian diplo/intel. 11166 40023 24975 09001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-8	1200	10394	Wed	Russian diplo/intel. 11166 70202 36974 08085 02339	FSK 200/1000	(AB-RUS)
F06	9-8	1210	8076	Wed	Russian diplo/intel. 11166 70202 36974 08085 02339	FSK 200/1000	(AB-FIN)
F06	9-8	1220	6768	Wed	Russian diplo/intel. 11166 70202 36974 08085 02339	FSK 200/1000	(AB-FIN)
F06	10-8	0600	16346	Thu	Russian diplo/intel. 11166 40122 14785 05067 03019 + 11166 40122 14725 05068 02359	FSK 200/1000	(AB-J)
F06	10-8	0610	14847	Thu	Russian diplo/intel. 11166 40122 14785 05067 03019 + 11166 40122 14725 05068 02359	FSK 200/1000	(AB-KOR)
F06	10-8	0620	12223	Thu	Russian diplo/intel. 11166 40122 14785 05067 03019 + 11166 40122 14725 05068 02359	FSK 200/1000	(AB-KOR)
F06	10-8	0700	11076	Thu	Russian diplo/intel. 11166 70202 83451 09086 01859 + 11166 70202 52386 09087 01639	FSK 200/1000	(AB)
F06	10-8	0710	9053	Thu	Russian diplo/intel. 11166 70202 83451 09086 01859 + 11166 70202 52386 09087 01639	FSK 200/1000	(AB-FIN)
F06	10-8	0720	7386	Thu	Russian diplo/intel. 11166 70202 83451 09086 01859 + 11166 70202 52386 09087 01639	FSK 200/1000	(AB-FIN)

F06	10-8	1200	10394	Thu	Russian diplo/intel. 11166 70202 83451 09086 01859 + 11166 70202 52386 09087 01639	FSK 200/1000	(AB-RUS)
F06	10-8	1210	8076	Thu	Russian diplo/intel. 11166 70202 83451 09086 01859 + 11166 70202 52386 09087 01639	FSK 200/1000	(AB-POL)
F06	10-8	1220	6768	Thu	Russian diplo/intel. 11166 70202 83451 09086 01859 + 11166 70202 52386 09087 01639	FSK 200/1000	(AB-POL)
F06	10-8	1330	17439	Thu	Russian diplo/intel. 11166 80214 87543 09056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-8	1340	13387	Thu	Russian diplo/intel. 11166 80214 87543 09056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-8	1350	11145	Thu	Russian diplo/intel. 11166 80214 87543 09056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-8	0700	11076	Fri	Russian diplo/intel. 11166 70202 94512 11065 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-8	0710	9053	Fri	Russian diplo/intel. 11166 70202 94512 11065 00049 00000 00000 00000 00000	FSK 200/1000	(AB-FIN)
F06	11-8	0720	7386	Fri	Russian diplo/intel. 11166 70202 94512 11065 00049 00000 00000 00000 00000	FSK 200/1000	(AB-FIN)
F06	13-8	1530	22913	Sun	Russian diplo/intel. 11166 10053 38167 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	13-8	1540	18241	Sun	Russian diplo/intel. 11166 10053 38167 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-8	1550	17455	Sun	Russian diplo/intel. 11166 10053 38167 13001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14-8	0700	11076	Mon	Russian diplo/intel. 11166 70202 62514 11088 02159	FSK 200/1000	(AB)
F06	14-8	0710	9053	Mon	Russian diplo/intel. 11166 70202 62514 11088 02159	FSK 200/1000	(AB-FIN)
F06	14-8	0720	7386	Mon	Russian diplo/intel. 11166 70202 62514 11088 02159	FSK 200/1000	(AB-FIN)
F06	14-8	1200	10394	Mon	Russian diplo/intel. 11166 70202 62514 11088 02159	FSK 200/1000	(AB-RUS)
F06	14-8	1210	8076	Mon	Russian diplo/intel. 11166 70202 62514 11088 02159	FSK 200/1000	(AB-POL)
F06	14-8	1220	6768	Mon	Russian diplo/intel. 11166 70202 62514 11088 02159	FSK 200/1000	(AB-POL)
F06	15-8	0030	12208	Tue	Russian diplo/intel. 11166 60070 94638 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-8	0040	10166	Tue	Russian diplo/intel. 11166 60070 94638 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-8	0050	9237	Tue	Russian diplo/intel. 11166 60070 94638 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	15-8	0700	11076	Tue	Russian diplo/intel. 11166 70202 96418 14089 01879 + 11166 70202 23547 14090 01539	FSK 200/1000	(AB-RUS)
F06	15-8	0710	9053	Tue	Russian diplo/intel. 11166 70202 96418 14089 01879 + 11166 70202 23547 14090 01539	FSK 200/1000	(AB-RUS)
F06	15-8	0720	7386	Tue	Russian diplo/intel. 11166 70202 96418 14089 01879 + 11166 70202 23547 14090 01539	FSK 200/1000	(AB-RUS)
F06	15-8	1200	10394	Tue	Russian diplo/intel. 11166 70202 96418 14089 01879 + 11166 70202 23547 14090 01539	FSK 200/1000	(AB/MPJ)
F06	15-8	1210	8076	Tue	Russian diplo/intel. 11166 70202 96418 14089 01879 + 11166 70202 23547 14090 01539	FSK 200/1000	(AB-RUS/MPJ)
F06	15-8	1220	6768	Tue	Russian diplo/intel. 11166 70202 96418 14089 01879 + 11166 70202 23547 14090 01539	FSK 200/1000	(AB-RUS/MPJ)
F06	15-8	1240	16186	Tue	Russian diplo/intel. 11166 30154 17852 15025 00049 00000 00000 00000 00000	FSK 200/1000	(AB-HK/PY)
F06	15-8	1250	13969	Tue	Russian diplo/intel. 11166 30154 17852 15025 00049 00000 00000 00000 00000	FSK 200/1000	(AB-HK/PY)
F06	15-8	1650	20917	Tue	Russian diplo/intel. 11166 10053 98765 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	15-8	1700	17529	Tue	Russian diplo/intel. 11166 10053 98765 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	15-8	1710	15765	Tue	Russian diplo/intel. 11166 10053 98765 15001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPH)
F06	16-8	0600	16346	Wed	Russian diplo/intel. 11166 40122 25894 16082 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	16-8	0610	14847	Wed	Russian diplo/intel. 11166 40122 25894 16082 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	16-8	0620	12223	Wed	Russian diplo/intel. 11166 40122 25894 16082 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	16-8	0700	11076	Wed	Russian diplo/intel. 11166 70202 13649 15091 02479	FSK 200/1000	(AB)
F06	16-8	0710	9053	Wed	Russian diplo/intel. 11166 70202 13649 15091 02479	FSK 200/1000	(AB-FIN)
F06	16-8	0720	7386	Wed	Russian diplo/intel. 11166 70202 13649 15091 02479	FSK 200/1000	(AB-FIN)
F06	16-8	1200	10394	Wed	Russian diplo/intel. 11166 70202 13649 15091 02479	FSK 200/1000	(AB-RUS)
F06	16-8	1210	8076	Wed	Russian diplo/intel. 11166 70202 13649 15091 02479	FSK 200/1000	(AB-FIN)
F06	16-8	1220	6768	Wed	Russian diplo/intel. 11166 70202 13649 15091 02479	FSK 200/1000	(AB-FIN)
F06	17-8	0700	11076	Thu	Russian diplo/intel. 11166 70202 15487 16092 01739 + 11166 70202 39652 16093 01679	FSK 200/1000	(AB)

F06	17-8	0710	9053	Thu	Russian diplo/intel. 11166 70202 15487 16092 01739 + 11166 70202 39652 16093 01679	FSK 200/1000	(AB-FIN)
F06	17-8	0720	7386	Thu	Russian diplo/intel. 11166 70202 15487 16092 01739 + 11166 70202 39652 16093 01679	FSK 200/1000	(AB-FIN)
F06	17-8	1200	10394	Thu	Russian diplo/intel. 11166 70202 15487 16092 01739 + 11166 70202 39652 16093 01679	FSK 200/1000	(AB-RUS)
F06	17-8	1210	8076	Thu	Russian diplo/intel. 11166 70202 15487 16092 01739 + 11166 70202 39652 16093 01679	FSK 200/1000	(AB-POL)
F06	17-8	1220	6768	Thu	Russian diplo/intel. 11166 70202 15487 16092 01739 + 11166 70202 39652 16093 01679	FSK 200/1000	(AB-POL)
F06	17-8	1330	17439	Thu	Russian diplo/intel. 11166 80214 74125 17038 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-8	1340	13387	Thu	Russian diplo/intel. 11166 80214 74125 17038 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17-8	1350	11145	Thu	Russian diplo/intel. 11166 80214 74125 17038 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-8	0700	11076	Fri	Russian diplo/intel. 11166 70202 65398 18035 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	18-8	0710	9053	Fri	Russian diplo/intel. 11166 70202 65398 18035 00049 00000 00000 00000 00000	FSK 200/1000	(AB-FIN)
F06	18-8	0720	7386	Fri	Russian diplo/intel. 11166 70202 65398 18035 00049 00000 00000 00000 00000	FSK 200/1000	(AB-FIN)
F06	20-8	1530	22913	Sun	Russian diplo/intel. 11166 10053 12457 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KWT)
F06	20-8	1540	18241	Sun	Russian diplo/intel. 11166 10053 12457 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-8	1550	17455	Sun	Russian diplo/intel. 11166 10053 12457 20001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-8	0400	10263	Mon	Russian diplo/intel. 11166 70059 12457 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-8	0410	8126	Mon	Russian diplo/intel. 11166 70059 12457 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-8	0420	6888	Mon	Russian diplo/intel. 11166 70059 12457 21001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	21-8	0700	11076	Mon	Russian diplo/intel. 11166 70202 65871 18094 02419	FSK 200/1000	(AB)
F06	21-8	0710	9053	Mon	Russian diplo/intel. 11166 70202 65871 18094 02419	FSK 200/1000	(AB-FIN)
F06	21-8	0720	7386	Mon	Russian diplo/intel. 11166 70202 65871 18094 02419	FSK 200/1000	(AB-FIN)
F06	21-8	1200	10394	Mon	Russian diplo/intel. 11166 70202 65871 18094 02419	FSK 200/1000	(AB-RUS)
F06	21-8	1210	8076	Mon	Russian diplo/intel. 11166 70202 65871 18094 02419	FSK 200/1000	(AB-POL)
F06	21-8	1220	6768	Mon	Russian diplo/intel. 11166 70202 65871 18094 02419	FSK 200/1000	(AB-POL)
F06	22-8	0030	12208	Tue	Russian diplo/intel. 11166 60070 54231 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-8	0040	10166	Tue	Russian diplo/intel. 11166 60070 54231 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-8	0050	9237	Tue	Russian diplo/intel. 11166 60070 54231 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-8	0700	11076	Tue	Russian diplo/intel. 11166 70202 85341 21095 01779 + 11166 70202 94621 21096 01639	FSK 200/1000	(AB)
F06	22-8	0710	9053	Tue	Russian diplo/intel. 11166 70202 85341 21095 01779 + 11166 70202 94621 21096 01639	FSK 200/1000	(AB-RUS)
F06	22-8	0720	7386	Tue	Russian diplo/intel. 11166 70202 85341 21095 01779 + 11166 70202 94621 21096 01639	FSK 200/1000	(AB-RUS)
F06	22-8	1200	10394	Tue	Russian diplo/intel. 11166 70202 85341 21095 01779 + 11166 70202 94621 21096 01639	FSK 200/1000	(AB/MPJ-FIN)
F06	22-8	1210	8076	Tue	Russian diplo/intel. 11166 70202 85341 21095 01779 + 11166 70202 94621 21096 01639	FSK 200/1000	(AB-RUS/MPJ-FIN)
F06	22-8	1220	6768	Tue	Russian diplo/intel. 11166 70202 85341 21095 01779 + 11166 70202 94621 21096 01639	FSK 200/1000	(AB-RUS/MPJ-FIN)
F06	22-8	1240	16186	Tue	Russian diplo/intel. 11166 30154 12345 22112 00049 00000 00000 00000 00000	FSK 200/1000	(AB-HK/PY)
F06	22-8	1250	13969	Tue	Russian diplo/intel. 11166 30154 12345 22112 00049 00000 00000 00000 00000	FSK 200/1000	(AB-HK/PY)
F06	22-8	1650	20917	Tue	Russian diplo/intel. 11166 10053 71394 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-ROU/MPJ)
F06	22-8	1700	17529	Tue	Russian diplo/intel. 11166 10053 71394 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	22-8	1710	15765	Tue	Russian diplo/intel. 11166 10053 71394 22001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	23-8	0600	16346	Wed	Russian diplo/intel. 11166 40122 64831 19069 03239	FSK 200/1000	(AB-KOR)
F06	23-8	0610	14847	Wed	Russian diplo/intel. 11166 40122 64831 19069 03239	FSK 200/1000	(AB-KOR)
F06	23-8	0620	12223	Wed	Russian diplo/intel. 11166 40122 64831 19069 03239	FSK 200/1000	(AB-KOR)
F06	23-8	0700	11076	Wed	Russian diplo/intel. 11166 70202 84512 22097 02539	FSK 200/1000	(AB-RUS)
F06	23-8	0710	9053	Wed	Russian diplo/intel. 11166 70202 84512 22097 02539	FSK 200/1000	(AB-FIN)

F06	23-8	0720	7386	Wed	Russian diplo/intel. 11166 70202 84512 22097 02539	FSK 200/1000	(AB-FIN)
F06	23-8	0915	20355	Wed	Russian diplo/intel. 11166 40023 12345 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-8	0930	15665	Wed	Russian diplo/intel. 11166 40023 12345 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-8	0945	14378	Wed	Russian diplo/intel. 11166 40023 12345 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-8	1200	10394	Wed	Russian diplo/intel. 11166 70202 84512 22097 02539	FSK 200/1000	(AB-RUS)
F06	23-8	1210	8076	Wed	Russian diplo/intel. 11166 70202 84512 22097 02539	FSK 200/1000	(AB-FIN)
F06	23-8	1220	6768	Wed	Russian diplo/intel. 11166 70202 84512 22097 02539	FSK 200/1000	(AB-FIN)
F06	24-8	0600	16346	Thu	Russian diplo/intel. 11166 40122 64831 19069 03239	FSK 200/1000	(AB-KOR)
F06	24-8	0610	14847	Thu	Russian diplo/intel. 11166 40122 64831 19069 03239	FSK 200/1000	(AB-KOR)
F06	24-8	0620	12223	Thu	Russian diplo/intel. 11166 40122 64831 19069 03239	FSK 200/1000	(AB-KOR)
F06	24-8	0700	11076	Thu	Russian diplo/intel. 11166 70202 45817 23098 01939 + 11166 70202 98214 23099 02139	FSK 200/1000	(AB)
F06	24-8	0710	9053	Thu	Russian diplo/intel. 11166 70202 45817 23098 01939 + 11166 70202 98214 23099 02139	FSK 200/1000	(AB-FIN)
F06	24-8	0720	7386	Thu	Russian diplo/intel. 11166 70202 45817 23098 01939 + 11166 70202 98214 23099 02139	FSK 200/1000	(AB-FIN)
F06	24-8	1200	10394	Thu	Russian diplo/intel. 11166 70202 45817 23098 01939 + 11166 70202 98214 23099 02139	FSK 200/1000	(AB-RUS)
F06	24-8	1210	8076	Thu	Russian diplo/intel. 11166 70202 45817 23098 01939 + 11166 70202 98214 23099 02139	FSK 200/1000	(AB-POL)
F06	24-8	1220	6768	Thu	Russian diplo/intel. 11166 70202 45817 23098 01939 + 11166 70202 98214 23099 02139	FSK 200/1000	(AB-POL)
F06	24-8	1330	17439	Thu	Russian diplo/intel. 11166 80214 95863 24081 00049 00000 00000 00000 0000	FSK 200/1000	(AB/MPJ)
F06	24-8	1340	13387	Thu	Russian diplo/intel. 11166 80214 95863 24081 00049 00000 00000 00000 0000	FSK 200/1000	(AB/MPJ)
F06	24-8	1350	11145	Thu	Russian diplo/intel. 11166 80214 95863 24081 00049 00000 00000 00000 0000	FSK 200/1000	(AB/MPJ)
F06	25-8	0700	11076	Fri	Russian diplo/intel. 11166 70202 63245 24088 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	25-8	0710	9053	Fri	Russian diplo/intel. 11166 70202 63245 24088 00049 00000 00000 00000 00000	FSK 200/1000	(AB-FIN)
F06	25-8	0720	7386	Fri	Russian diplo/intel. 11166 70202 63245 24088 00049 00000 00000 00000 00000	FSK 200/1000	(AB-FIN)
F06	27-8	1530	22913	Sun	Russian diplo/intel. 11166 10053 17935 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KWT/MPJ)
F06	27-8	1540	18241	Sun	Russian diplo/intel. 11166 10053 17935 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	27-8	1550	17455	Sun	Russian diplo/intel. 11166 10053 17935 27001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	28-8	0700	11076	Mon	Russian diplo/intel. 11166 70202 91325 25001 02559	FSK 200/1000	(AB)
F06	28-8	0710	9053	Mon	Russian diplo/intel. 11166 70202 91325 25001 02559	FSK 200/1000	(AB-FIN)
F06	28-8	0720	7386	Mon	Russian diplo/intel. 11166 70202 91325 25001 02559	FSK 200/1000	(AB-FIN)
F06	28-8	1200	10394	Mon	Russian diplo/intel. 11166 70202 91325 25001 02559	FSK 200/1000	(AB-RUS/MPJ)
F06	28-8	1210	8076	Mon	Russian diplo/intel. 11166 70202 91325 25001 02559	FSK 200/1000	(AB-POL/MPJ)
F06	28-8	1220	6768	Mon	Russian diplo/intel. 11166 70202 91325 25001 02559	FSK 200/1000	(AB-POL/MPJ)
F06	29-8	0030	12208	Tue	Russian diplo/intel. 11166 60070 52391 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-8	0040	10166	Tue	Russian diplo/intel. 11166 60070 52391 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-8	0050	9237	Tue	Russian diplo/intel. 11166 60070 52391 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-8	0700	11076	Tue	Russian diplo/intel. 11166 70202 74698 28002 01859 + 11166 70202 98214 28003 02059	FSK 200/1000	(AB)
F06	29-8	0710	9053	Tue	Russian diplo/intel. 11166 70202 74698 28002 01859 + 11166 70202 98214 28003 02059	FSK 200/1000	(AB-RUS)
F06	29-8	0720	7386	Tue	Russian diplo/intel. 11166 70202 74698 28002 01859 + 11166 70202 98214 28003 02059	FSK 200/1000	(AB-RUS)
F06	29-8	1200	10394	Tue	Russian diplo/intel. 11166 70202 74698 28002 01859 + 11166 70202 98214 28003 02059	FSK 200/1000	(AB)
F06	29-8	1210	8076	Tue	Russian diplo/intel. 11166 70202 74698 28002 01859 + 11166 70202 98214 28003 02059	FSK 200/1000	(AB-RUS)
F06	29-8	1220	6768	Tue	Russian diplo/intel. 11166 70202 74698 28002 01859 + 11166 70202 98214 28003 02059	FSK 200/1000	(AB-RUS)
F06	29-8	1230	20655	Tue	Russian diplo/intel. 11166 30154 25896 29031 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	29-8	1240	16186	Tue	Russian diplo/intel. 11166 30154 25896 29031 00049 00000 00000 00000 00000	FSK 200/1000	(AB-HK/PY)

F06	29-8	1250	13969	Tue	Russian diplo/intel. 11166 30154 25896 29031 00049 00000 00000 00000 00000	FSK 200/1000	(AB-HK/PY)
F06	29-8	1650	20917	Tue	Russian diplo/intel. 11166 10053 94376 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KWT)
F06	29-8	1700	17529	Tue	Russian diplo/intel. 11166 10053 94376 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-8	1710	15765	Tue	Russian diplo/intel. 11166 10053 94376 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	30-8	0600	16346	Wed	Russian diplo/intel. 11166 40122 94371 26070 03799 + 11166 40122 86491 26071 02029	FSK 200/1000	(AB-KOR)
F06	30-8	0610	14847	Wed	Russian diplo/intel. 11166 40122 94371 26070 03799 + 11166 40122 86491 26071 02029	FSK 200/1000	(AB-KOR)
F06	30-8	0620	12223	Wed	Russian diplo/intel. 11166 40122 94371 26070 03799 + 11166 40122 86491 26071 02029	FSK 200/1000	(AB-KOR)
F06	30-8	0700	11076	Wed	Russian diplo/intel. 11166 70202 85417 29004 02399	FSK 200/1000	(AB)
F06	30-8	0710	9053	Wed	Russian diplo/intel. 11166 70202 85417 29004 02399	FSK 200/1000	(AB-FIN)
F06	30-8	0720	7386	Wed	Russian diplo/intel. 11166 70202 85417 29004 02399	FSK 200/1000	(AB-FIN)
F06	30-8	1200	10394	Wed	Russian diplo/intel. 11166 70202 85417 29004 02399	FSK 200/1000	(AB-RUS)
F06	30-8	1210	8076	Wed	Russian diplo/intel. 11166 70202 85417 29004 02399	FSK 200/1000	(AB-FIN)
F06	30-8	1220	6768	Wed	Russian diplo/intel. 11166 70202 85417 29004 02399	FSK 200/1000	(AB-FIN)
F06	31-8	0600	16346	Thu	Russian diplo/intel. 11166 40122 94371 26070 03799 + 11166 40122 86491 26071 02029	FSK 200/1000	(AB-KOR)
F06	31-8	0610	14847	Thu	Russian diplo/intel. 11166 40122 94371 26070 03799 + 11166 40122 86491 26071 02029	FSK 200/1000	(AB-KOR)
F06	31-8	0620	12223	Thu	Russian diplo/intel. 11166 40122 94371 26070 03799 + 11166 40122 86491 26071 02029	FSK 200/1000	(AB-KOR)
F06	31-8	0700	11076	Thu	Russian diplo/intel. 11166 70202 97815 30005 01759 + 11166 70202 13879 30006 01959	FSK 200/1000	(AB)
F06	31-8	0710	9053	Thu	Russian diplo/intel. 11166 70202 97815 30005 01759 + 11166 70202 13879 30006 01959	FSK 200/1000	(AB-FIN)
F06	31-8	0720	7386	Thu	Russian diplo/intel. 11166 70202 97815 30005 01759 + 11166 70202 13879 30006 01959	FSK 200/1000	(AB-FIN)
F06	31-8	1200	10394	Thu	Russian diplo/intel. 11166 70202 97815 30005 01759 + 11166 70202 13879 30006 01959	FSK 200/1000	(AB-RUS)
F06	31-8	1210	8076	Thu	Russian diplo/intel. 11166 70202 97815 30005 01759 + 11166 70202 13879 30006 01959	FSK 200/1000	(AB-POL)
F06	31-8	1220	6768	Thu	Russian diplo/intel. 11166 70202 97815 30005 01759 + 11166 70202 13879 30006 01959	FSK 200/1000	(AB-POL)
F06	31-8	1330	17439	Thu	Russian diplo/intel. 11166 80214 84571 30076 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	31-8	1340	13387	Thu	Russian diplo/intel. 11166 80214 84571 30076 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	31-8	1350	11145	Thu	Russian diplo/intel. 11166 80214 84571 30076 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06a	3-8	0400	4795	Thu	Russian diplo/intel. File 44491	FSK 200/100	(AB)
F06a	3-8	0415	5463	Thu	Russian diplo/intel. File 44491	FSK 200/100	(AB)
F06a	3-8	0430	7329	Thu	Russian diplo/intel. File 44491	FSK 200/100	(AB)
F06a	4-8	0400	4795	Fri	Russian diplo/intel. File 44491	FSK 200/100	(AB)
F06a	4-8	0415	5463	Fri	Russian diplo/intel. File 44491	FSK 200/100	(AB)
F06a	4-8	0430	7329	Fri	Russian diplo/intel. File 44491	FSK 200/100	(AB)
F06a	5-8	2100	19478	Sat	Russian diplo/intel. File 04483	FSK 200/1000	(AB-POL)
F06a	5-8	2115	15975	Sat	Russian diplo/intel. File 04483	FSK 200/1000	(AB)
F06a	5-8	2130	13917	Sat	Russian diplo/intel. File 04483	FSK 200/1000	(AB)
F06a	6-8	2100	19478	Sun	Russian diplo/intel. File 04483	FSK 200/1000	(AB-POL)
F06a	6-8	2115	15975	Sun	Russian diplo/intel. File 04483	FSK 200/1000	(AB)
F06a	6-8	2140	13917	Sun	Russian diplo/intel. File 04483	FSK 200/1000	(AB)
F06a	8-8	1520	14642	Tue	Russian diplo/intel. File 80159-~1.TXT (1987 bytes) Header: 11100 80159 14856 06143 03219	FSK 200/1000	(PY)
F06a	8-8	1530	12133	Tue	Russian diplo/intel. File 80159-~1.TXT (1987 bytes) Header: 11100 80159 14856 06143 03219	FSK 200/1000	(PY)
F06a	8-8	1540	9241	Tue	Russian diplo/intel. File 80159-~1.TXT (1987 bytes) Header: 11100 80159 14856 06143 03219	FSK 200/1000	(PY)
F06a	10-8	0400	4795	Thu	Russian diplo/intel. File 04492	FSK 200/100	(AB)
F06a	10-8	0415	5463	Thu	Russian diplo/intel. File 04492	FSK 200/100	(AB)

F06a	10-8	0430	7329	Thu	Russian diplo/intel. File 04492	FSK 200/100	(AB)
F06a	11-8	0400	4795	Fri	Russian diplo/intel. File 04492	FSK 200/100	(AB)
F06a	11-8	0415	5463	Fri	Russian diplo/intel. File 04492	FSK 200/100	(AB)
F06a	11-8	0430	7329	Fri	Russian diplo/intel. File 04492	FSK 200/100	(AB)
F06a	12-8	2100	19478	Sat	Russian diplo/intel. File 04484	FSK 200/1000	(AB-POL/RL)
F06a	12-8	2115	15975	Sat	Russian diplo/intel. File 04484	FSK 200/1000	(AB-POL/RL)
F06a	12-8	2130	13917	Sat	Russian diplo/intel. File 04484	FSK 200/1000	(AB/RL)
F06a	13-8	2100	19478	Sun	Russian diplo/intel. File 04484	FSK 200/1000	(AB-POL)
F06a	13-8	2115	15975	Sun	Russian diplo/intel. File 04484	FSK 200/1000	(AB)
F06a	13-8	2140	13917	Sun	Russian diplo/intel. File 04484	FSK 200/1000	(AB)
F06a	15-8	1100	16293	Tue	Russian diplo/intel. File _K110064.001 Header 11100 10064 75396 15001 02609	FSK 200/1000	(AB/Pof)
F06a	15-8	1120	15827	Tue	Russian diplo/intel. File _K110064.001 Header 11100 10064 75396 15001 02609	FSK 200/1000	(AB/FSK1)
F06a	15-8	1120	14682	Tue	Russian diplo/intel. File _K110064.001 Header 11100 10064 75396 15001 02609	FSK 200/1000	(AB/PY)
F06a	16-8	1400	18046	Wed	Russian diplo/intel. Odd F06/F06a message. 18 blocks, 1 msg: 44400 00000 19842 16008 00019 UYWQQ	FSK 200/1000	(linkz)
F06a	17-8	0400	4795	Thu	Russian diplo/intel. File 04493	FSK 200/100	(AB)
F06a	17-8	0415	5463	Thu	Russian diplo/intel. File 04493	FSK 200/100	(AB)
F06a	17-8	0430	7329	Thu	Russian diplo/intel. File 04493	FSK 200/100	(AB)
F06a	17-8	1620	11422	Thu	Russian diplo/intel. File 40144~1.TXT (2242 bytes). Header 11100 40144 71384 17157 03639	FSK 200/1000	(TM)
F06a	17-8	1640	7661	Thu	Russian diplo/intel. File 40144~1.TXT (2242 bytes). Header 11100 40144 71384 17157 03639	FSK 200/1000	(PY)
F06a	18-8	0400	4795	Fri	Russian diplo/intel. File 04493	FSK 200/100	(AB)
F06a	18-8	0415	5463	Fri	Russian diplo/intel. File 04493	FSK 200/100	(AB)
F06a	18-8	0430	7329	Fri	Russian diplo/intel. File 04493	FSK 200/100	(AB)
F06a	19-8	2100	19478	Sat	Russian diplo/intel. File 04485	FSK 200/1000	(AB-ROU)
F06a	19-8	2115	15975	Sat	Russian diplo/intel. File 04485	FSK 200/1000	(AB-ROU)
F06a	19-8	2130	13917	Sat	Russian diplo/intel. File 04485	FSK 200/1000	(AB)
F06a	20-8	2100	19478	Sun	Russian diplo/intel. File 04485	FSK 200/1000	(AB/RL)
F06a	20-8	2115	15975	Sun	Russian diplo/intel. File 04485	FSK 200/1000	(AB/RL)
F06a	20-8	2140	13917	Sun	Russian diplo/intel. File 04485	FSK 200/1000	(AB)
F06a	22-8	1030	12227	Tue	Russian diplo/intel. File 10053~1.TXT (2046 bytes). Header 11100 10053 74321 20157 03319	FSK 200/1000	(PY)
F06a	22-8	1040	14423	Tue	Russian diplo/intel. File 10053~1.TXT (2046 bytes). Header 11100 10053 74321 20157 03319	FSK 200/1000	(PY)
F06a	22-8	1050	16283	Tue	Russian diplo/intel. File 10053~1.TXT (2046 bytes). Header 11100 10053 74321 20157 03319	FSK 200/1000	(PY)
F06a	24-8	0400	4795	Thu	Russian diplo/intel. File 44494	FSK 200/100	(AB)
F06a	24-8	0415	5463	Thu	Russian diplo/intel. File 44494	FSK 200/100	(AB)
F06a	24-8	0430	7329	Thu	Russian diplo/intel. File 44494	FSK 200/100	(AB)
F06a	25-8	0400	4795	Fri	Russian diplo/intel. File 44494	FSK 200/100	(AB)
F06a	25-8	0415	5463	Fri	Russian diplo/intel. File 44494	FSK 200/100	(AB)
F06a	25-8	0430	7329	Fri	Russian diplo/intel. File 44494	FSK 200/100	(AB)
F06a	26-8	2100	19478	Sat	Russian diplo/intel. File 04486	FSK 200/1000	(AB-POL/RL)
F06a	26-8	2115	15975	Sat	Russian diplo/intel. File 04486	FSK 200/1000	(AB-POL)
F06a	26-8	2130	13917	Sat	Russian diplo/intel. File 04486	FSK 200/1000	(AB/RL)
F06a	27-8	2100	19478	Sun	Russian diplo/intel. File 04486	FSK 200/1000	(AB)

F06a	27-8	2115	15975	Sun	Russian diplo/intel. File 04486	FSK 200/1000	(AB)
F06a	27-8	2140	13917	Sun	Russian diplo/intel. File 04486	FSK 200/1000	(AB)
F06a	28-8	0800	10316	Mon	Russian diplo/intel. File 00173~1.TXT (1949 bytes). Header 11100 00173 49725 26145 03159	FSK 200/1000	(PY)
F06a	28-8	0810	12219	Mon	Russian diplo/intel. File 00173~1.TXT (1949 bytes). Header 11100 00173 49725 26145 03159	FSK 200/1000	(PY)
F06a	28-8	0820	14652	Mon	Russian diplo/intel. File 00173~1.TXT (1949 bytes). Header 11100 00173 49725 26145 03159	FSK 200/1000	(PY)
F06a	31-8	0400	4795	Thu	Russian diplo/intel. File 44495	FSK 200/100	(AB)
F06a	31-8	0415	5463	Thu	Russian diplo/intel. File 44495	FSK 200/100	(AB)
F06a	31-8	0430	7329	Thu	Russian diplo/intel. File 44495	FSK 200/100	(AB)
F07	3-8	2000	16263	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	3-8	2010	15852	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	3-8	2020	14968	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	3-8	2030	14417	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	3-8	2040	13478	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	3-8	2050	12143	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	8-8	2000	16263	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	8-8	2010	15852	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	8-8	2020	14968	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	8-8	2030	14417	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	8-8	2040	13478	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	8-8	2050	12143	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-8	2000	16263	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-8	2010	15852	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-8	2020	14968	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-8	2030	14417	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-8	2040	13478	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-8	2050	12143	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-8	2000	16263	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-8	2010	15852	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-8	2020	14968	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-8	2030	14417	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-8	2040	13478	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	15-8	2050	12143	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-8	2000	16263	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	17-8	2010	15852	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	17-8	2020	14968	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	17-8	2030	14417	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	17-8	2040	13478	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	17-8	2050	12143	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB/RL)
F07	22-8	2000	16263	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-8	2010	15852	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-8	2020	14968	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-8	2030	14417	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)

F07	22-8	2040	13478	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	22-8	2050	12143	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-8	2000	16263	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-8	2010	15852	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-8	2020	14968	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-8	2030	14417	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-8	2040	13478	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-8	2050	12143	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-8	2000	16263	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-8	2010	15852	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-8	2020	14968	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-8	2030	14417	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-8	2040	13478	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	29-8	2050	12143	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-8	2000	16263	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-8	2010	15852	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-8	2020	14968	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-8	2030	14417	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-8	2040	13478	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-8	2050	12143	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
HM01	23-8	0601	10860	Wed	Off at 0608z	AM/RDFT	(sse)
HM01	23-8	0627	10345	Wed	28147 15043 06042 55181 25803 55472 Files 07352814.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT Callsign QWERTY01	AM/RDFT	(PY/AB)
HM01	23-8	0700	10345	Wed	28147 15043 06042 55181 25803 55472 (should be on 9330 kHz)	AM/RDFT	(AB)
HM01	23-8	0721	10345	Wed	28147 15043 06042 55181 25803 55472 (should be on 9330 kHz)	AM/RDFT	(AB)
HM01	23-8	0755	9065	Wed	28147 15043 06042 55181 25803 55472	AM/RDFT	(AB)
HM01	23-8	0959	9065	Wed	28147 15043 06042 55181 25803 55472 (should be on 9155 kHz)	AM/RDFT	(AB)
HM01	23-8	1640	11435	Wed	28147 15043 06042 55181 25803 55472 (repeat)	AM/RDFT	(AB-USA)
HM01	23-8	1656	11530	Wed	28147 15043 06042 55181 25803 55472 (repeat)	AM/RDFT	(AB-USA)
HM01	24-8	0600	14375	Thu	28148 15044 06043 55182 25804 55473 07352814.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT Callsign QWERTY01	AM/WinDRM	(AB-ATN)
HM01	24-8	0658	13435	Thu	28148 15044 06043 55182 25804 55473	AM/WinDRM	(AB-ATN)
HM01	24-8	0758	11635	Thu	28148 15044 06043 55182 25804 55473	AM/WinDRM	(AB-ATN)
HM01	24-8	0900	11462	Thu	28148 15044 06043 55182 25804 55473	AM/WinDRM	(AB-ATN)
HM01	24-8	1000	12180	Thu	28148 15044 06043 55182 25804 55473	AM/WinDRM	(AB-ATN)
HM01	24-8	1630	11435	Thu	28148 15044 06043 55182 25804 55473	AM/WinDRM	(AB-USA)
HM01	24-8	1658	11530	Thu	28148 15044 06043 55182 25804 55473	AM/WinDRM	(AB-USA)
HM01	25-8	0630	10345	Fri	27881 15045 06044 55183 25805 55474 Files 63312788.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT Callsign QWERTY01	AM/WinDRM	(AB-ATN)
HM01	25-8	1600	11435	Fri	27881 15045 06044 55183 25805 55474	AM/WinDRM	(AB-USA)
HM01	26-8	0734	13435	Sat	27881 15046 06045 55184 25806 55475 Files 63312788.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)

HM01	26-8	1700	11530	Sat	27881 15046 06045 55184 25806 55475	AM/WinDRM	(AB-USA)
HM01	27-8	0727	9330	Sun	27882 15047 06046 55185 25807 55476 Files 63312788.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT Callsign QWERTY01	AM/WinDRM	(AB-ATN)
HM01	27-8	0752	9065	Sun	27882 15047 06046 55185 25807 55476	AM/WinDRM	(AB-ATN)
HM01	27-8	1603	11435	Sun	27882 15047 06046 55185 25807 55476	AM/WinDRM	(AB-USA)
HM01	28-8	0658	9330	Mon	27883 15048 06047 55186 25808 55477 Files 63312788.TXT 50821504.F1C 34620604.TXT 36275518.F1G 00232580.TXT 60785547.TXT + clock sounds	AM/WinDRM	(AB-ATN)
HM01	28-8	0758	9065	Mon	27883 15048 06047 55186 25808 55477 + clock sounds	AM/WinDRM	(AB-ATN)
HM01	28-8	0858	9240	Mon	27883 15048 06047 55186 25808 55477 + clock sounds	AM/WinDRM	(AB-ATN)
HM01	28-8	0958	9155	Mon	27883 15048 06047 55186 25808 55477 + clock sounds	AM/WinDRM	(AB-ATN)
HM01	28-8	1036	9155	Mon	27883 15048 06047 55186 25808 55477 + clock sounds	AM/WinDRM	(EW)
HM01	28-8	1558	11435	Mon	27883 15048 06047 55186 25808 55477	AM/WinDRM	(AB-USA)
HM01	28-8	1659	11530	Mon	27883 15048 06047 55186 25808 55477	AM/WinDRM	(AB-USA)
HM01	30-8	0458	10860	Wed	28147 15043 06042 55181 25803 55472 (repeat of 23 Aug)	AM/WinDRM	(AB-ATN)
HM01	30-8	0532	10860	Wed	Sounds till 0751z, then off	AM/WinDRM	(AB-ATN)
HM01	30-8	0600	10345	Wed	28147 15043 06042 55181 25803 55472 (repeat of 23 Aug)	AM/WinDRM	(AB-ATN)
HM01	30-8	0600	10345	Wed	28147 15043 06042 55181 25803 55472 (repeat of 23 Aug)	AM/WinDRM	(AB-ATN)
HM01	30-8	0630	10345	Wed	Carrier only	AM/WinDRM	(AB-ATN)
HM01	30-8	0731	9330	Wed	28147 15043 06042 55181 25803 55472 (repeat of 23 Aug)	AM/WinDRM	(AB-USA)
HM01	30-8	0803	9065	Wed	28147 15043 06042 55181 25803 55472 (repeat of 23 Aug)	AM/WinDRM	(AB-USA)
HM01	30-8	1615	11435	Wed	i.p. 28147 15043 06042 55181 25803 55472 (repeat of 23 Aug)	AM/WinDRM	(AB-USA)
HM01	31-8	0600	11462	Thu	28147 15043 06042 55181 25803 55472 (repeat of 23 Aug). Switched to 14375 kHz at 0609z	AM/WinDRM	(AB-ATN)
HM01	31-8	0609	14375	Thu	28147 15043 06042 55181 25803 55472 (repeat of 23 Aug)	AM/WinDRM	(AB-ATN)
HM01	31-8	1643	11435	Thu	28148 15044 06043 55182 25804 55473 (repeat of 24 Aug). Late start	AM/WinDRM	(AB-USA)
M01	1-8	2000	4903	Tue	025 723 723 30 30 == 12090 13090 14090 ... 35090 36090 37090 == 723 723 30 30 000	CW	(AB-FIN)
M01	3-8	1800	5280	Thu	025 203 203 30 30 == 69709 14253 50968 ... 30890 37645 16543 == 203 203 30 30 000	CW	(AB-FIN)
M01	3-8	2000	4903	Thu	025 236 236 30 30 == 58867 73243 59900 ... 12321 58769 60989 == 236 236 30 30 000	CW	(AB-FIN)
M01	5-8	1500	6435	Sat	025 352 352 30 30 == 81090 67090 52090 ... 01929 76010 42787 == 352 352 30 30 000	CW	(AB-FIN)
M01	8-8	1800	5280	Tue	025 412 412 30 30 == 89034 78912 67845 ... 68790 36485 61504 == 412 412 30 30 000	CW	(AB-FIN)
M01	8-8	2000	4903	Tue	025 793 793 30 30 == 89345 90678 23410 ... 36890 90456 23901 == 793 793 30 30 000	CW	(AB-FIN)
M01	10-8	1800	5280	Thu	025 595 595 30 30 == 16123 93013 47823 ... 39000 28557 15029 595 595 30 30 000	CW	(AB-FIN)
M01	10-8	2000	4903	Thu	025 365 365 30 30 == 73000 82841 30194 ... 81372 81942 00073 == 365 365 30 30 000	CW	(AB-FIN)
M01	12-8	1500	6435	Sat	025 569 569 30 30 == 12567 45623 67823 ... 56321 89432 90234 == 569 569 30 30 000	CW	(AB-FIN)
M01	15-8	1800	5280	Tue	025 816 816 30 30 == 18451 37183 65632 ... 87654 33621 87564 == 816 816 30 30 000	CW	(AB-FIN)
M01	15-8	2000	4903	Tue	025 771 771 30 30 == 33661 76543 90987 ... 98987 56564 90987 == 771 771 30 30 000	CW	(AB-FIN)
M01	17-8	1800	5280	Thu	025 201 201 30 30 == 01929 10939 19292 ... 88090 99090 99090 == 201 201 30 30 000	CW	(AB-FIN)
M01	17-8	2000	4903	Thu	025 955 955 30 30 == 81743 81745 91051 ... 92876 82841 51840 == 955 955 30 30 000	CW	(AB-FIN)
M01	19-8	1500	6435	Sat	025 328 328 30 30 == 22881 34567 87463 ... 47312 12122 09876 == 328 328 30 30 000	CW	(AB-FIN)
M01	22-8	1800	5280	Tue	025 654 654 30 30 == 51058 91952 81866 ... 01001 01110 91000 == 654 654 30 30 000	CW	(AB-FIN)
M01	22-8	2000	4903	Tue	025 191 191 30 30 == 91955 55382 92055 ... 71754 91964 08950 == 191 191 30 30 000	CW	(AB-FIN)
M01	24-8	1800	5280	Thu	025 740 740 30 30 == 00011 85820 58132 ... 81853 92965 82700 == 740 740 30 30 000	CW	(AB-FIN/SOB)
M01	24-8	2000	4903	Thu	025 371 371 30 30 == 70020 54820 64355 ... 99655 77295 92000 == 371 371 30 30 000	CW	(AB-FIN)

M01	29-8	1800	5280	Tue	025 932 932 30 30 = = 12090 13090 14090 ... 30090 41090 42090 = = 932 932 30 30 30 000	CW	(AB-FIN)
M01	29-8	2000	4903	Tue	Sent only 29 groups 025 378 378 30 30 = = 12090 22090 23090 ... 77121 76121 66121 65121 = = 378 378 30 30 000	CW	(AB-FIN)
M01	31-8	1800	5280	Thu	025 525 525 30 30 = = 79870 75645 12321 ... 56677 10897 36456 = = 525 525 30 30 000	CW	(AB-FIN)
M01	31-8	2000	4903	Thu	025 592 592 30 30 = = 18187 48767 26354 ... 48509 12009 27765 = = 592 592 30 30 000	CW	(AB-FIN)
M01a	29-8	1457	4921	Tue	421 15 000	CW	(Pof)
M12	1-8	0030	6784	Tue	713 713 713 1 613 144 613 144 10009 82506 29587 ... 39913 93479 36788 000 000	CW	(AB)
M12	1-8	0050	8184	Tue	713 713 713 1 613 144 613 144 10009 82506 29587 ... 39913 93479 36788 000 000	CW	(AB)
M12	1-8	0110	9342	Tue	713 713 713 1 613 144 613 144 10009 82506 29587 ... 39913 93479 36788 000 000	CW	(AB)
M12	1-8	0300	14975	Tue	984 954 954 1 ...	CW	(HFD-J)
M12	1-8	0300	14975	Tue	984 984 984 1 317 83 317 83 22314 53945 71704 ... 24633 87492 4	CW	(PY)
M12	1-8	0320	13875	Tue	984 954 954 1 ...	CW	(HFD-J)
M12	1-8	0320	13875	Tue	984 984 984 1 317 83 317 83 22314 53945 71704 ... 24633 87492 4	CW	(PY)
M12	1-8	0340	13475	Tue	984 954 954 1 ...	CW	(HFD-J)
M12	2-8	0600	10429	Wed	441 441 441 000	CW	(HFD)
M12	2-8	0620	11429	Wed	441 441 441 000	CW	(HFD)
M12	2-8	1600	14681	Wed	683 683 683 000	CW	(AB/HFD)
M12	2-8	1620	13881	Wed	683 683 683 000	CW	(AB/HFD)
M12	2-8	1900	15931	Wed	985 985 985 1 7591 47 7594 47 51547 54574 18163 ... 13736 28667 62095 000 000	CW	(AB/RL/HFD)
M12	2-8	1920	14831	Wed	985 985 985 1 7591 47 7594 47 51547 54574 18163 ... 13736 28667 62095 000 000	CW	(AB/RL/HFD)
M12	2-8	1940	13531	Wed	985 985 985 1 7591 47 7594 47 51547 54574 18163 ... 13736 28667 62095 000 000	CW	(AB/RL/HFD)
M12	3-8	1110	13386	Thu	725 725 725 1 6261 99 6261 99 49577 98965 97330 ... 16079 29550 53173 000 000	CW	(AB/MPJ)
M12	3-8	1130	12189	Thu	725 725 725 1 6261 99 6261 99 49577 98965 97330 ... 16079 29550 53173 000 000	CW	(AB/MPJ)
M12	3-8	1150	11491	Thu	725 725 725 1 6261 99 6261 99 49577 98965 97330 ... 16079 29550 53173 000 000	CW	(AB/MPJ)
M12	3-8	1600	16251	Thu	294 294 294 000	CW	(AB/HFD)
M12	3-8	1620	14951	Thu	294 294 294 000	CW	(AB/HFD)
M12	3-8	2000	12148	Thu	374 374 374 000	CW	(AB/HFD)
M12	3-8	2020	10648	Thu	374 374 374 000	CW	(AB)
M12	3-8	2020	10648	Thu	374:0	CW	(HFD)
M12	4-8	0030	6784	Fri	713 713 713 1 613 144 613 144 10009 82506 29587 ... 39913 93479 36788 000 000	CW	(AB)
M12	4-8	0050	8184	Fri	713 713 713 1 613 144 613 144 10009 82506 29587 ... 39913 93479 36788 000 000	CW	(AB)
M12	4-8	0110	9342	Fri	713 713 713 1 613 144 613 144 10009 82506 29587 ... 39913 93479 36788 000 000	CW	(AB)
M12	4-8	1900	15931	Fri	985 985 985 1 7591 47 7594 47 51547 54574 18163 ... 13736 28667 62095 000 000	CW	(AB)
M12	4-8	1920	14831	Fri	985 985 985 1 7591 47 7594 47 51547 54574 18163 ... 13736 28667 62095 000 000	CW	(AB)
M12	4-8	1940	13531	Fri	985 985 985 1 7591 47 7594 47 51547 54574 18163 ... 13736 28667 62095 000 000	CW	(AB)
M12	4-8	2100	10314	Fri	310 310 310 000	CW	(AB/RL)
M12	4-8	2120	9114	Fri	310 310 310 000	CW	(AB/RL)
M12	5-8	0600	10429	Sat	441 441 441 000	CW	(AB)
M12	5-8	0620	11429	Sat	441 441 441 000	CW	(AB)
M12	5-8	1800	11435	Sat	938 938 938 1 3499 76 3499 76 12116 05472 15148 ... 60121 23274 07995 000 000	CW	(AB/MPJ)
M12	5-8	1820	10598	Sat	938 938 938 1 3499 76 3499 76 12116 05472 15148 ... 60121 23274 07995 000 000	CW	(AB/MPJ)
M12	5-8	1840	9327	Sat	938 938 938 1 3499 76 3499 76 12116 05472 15148 ... 60121 23274 07995 000 000	CW	(AB/MPJ)

M12	5-8	2100	10314	Sat	310 310 310 000	CW	(AB)
M12	5-8	2120	9114	Sat	310 310 310 000	CW	(AB)
M12	6-8	1600	14681	Sun	683 683 683 000	CW	(AB/MPJ)
M12	6-8	1620	13881	Sun	683 683 683 000	CW	(AB/MPJ)
M12	7-8	0210	12163	Mon	114 114 114 000	CW	(HFD-J)
M12	7-8	0230	11163	Mon	114 114 114 000	CW	(HFD-J)
M12	7-8	1600	16251	Mon	294 294 294 1 5193 105 5193 105 17581 31300 29275 ... Restart after group 31	CW	(AB/MPJ)
M12	7-8	1620	14951	Mon	294 294 294 1 5193 105 5193 105 17581 31300 29275 ... 41941 03045 36987 000 000	CW	(AB/MPJ)
M12	7-8	1640	14451	Mon	294 294 294 1 5193 105 5193 105 17581 31300 29275 ... 41941 03045 36987 000 000	CW	(AB/MPJ)
M12	7-8	2000	12148	Mon	374 374 374 1 313 97 313 97 80479 16132 26544 ... 38068 07636 45682 000 000	CW	(AB)
M12	7-8	2020	10648	Mon	374 374 374 1 313 97 313 97 80479 16132 26544 ... 38068 07636 45682 000 000	CW	(AB)
M12	7-8	2040	9148	Mon	374 374 374 1 313 97 313 97 80479 16132 26544 ... 38068 07636 45682 000 000	CW	(AB)
M12	8-8	0030	6784	Tue	713 713 713 000	CW	(AB)
M12	8-8	0050	8184	Tue	713 713 713 000	CW	(AB)
M12	9-8	0600	10429	Wed	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB/HFD)
M12	9-8	0620	11429	Wed	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB/HFD)
M12	9-8	0640	12129	Wed	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB/HFD)
M12	9-8	1600	14681	Wed	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	9-8	1620	13881	Wed	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	9-8	1640	13381	Wed	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	9-8	1900	15931	Wed	985 985 985 000	CW	(AB)
M12	9-8	1920	14831	Wed	985 985 985 000	CW	(AB)
M12	10-8	1110	13386	Thu	725 725 725 1 5116 97 5116 97 97051 33536 99252 ... 81089 93756 57331 000 000	CW	(AB)
M12	10-8	1130	12189	Thu	725 725 725 1 5116 97 5116 97 97051 33536 99252 ... 81089 93756 57331 000 000	CW	(AB)
M12	10-8	1150	11491	Thu	725 725 725 1 5116 97 5116 97 97051 33536 99252 ... 81089 93756 57331 000 000	CW	(AB)
M12	10-8	1600	16251	Thu	294 294 294 1 5193 105 5193 105 17581 31300 29275 ... 41941 03045 36987 000 000	CW	(AB)
M12	10-8	1620	14951	Thu	294 294 294 1 5193 105 5193 105 17581 31300 29275 ... 41941 03045 36987 000 000	CW	(AB)
M12	10-8	1640	14451	Thu	294 294 294 1 5193 105 5193 105 17581 31300 29275 ... 41941 03045 36987 000 000	CW	(AB)
M12	10-8	2000	12148	Thu	374 374 374 1 313 97 313 97 80479 16132 26544 ... 38068 07636 45682 000 000	CW	(AB/RL)
M12	10-8	2020	10648	Thu	374 374 374 1 313 97 313 97 80479 16132 26544 ... 38068 07636 45682 000 000	CW	(AB/RL)
M12	10-8	2040	9148	Thu	374 374 374 1 313 97 313 97 80479 16132 26544 ... 38068 07636 45682 000 000	CW	(AB/RL)
M12	11-8	0030	6784	Fri	713 713 713 000	CW	(AB/HFD)
M12	11-8	0050	8184	Fri	713 713 713 000	CW	(AB/HFD)
M12	11-8	1900	15931	Fri	985 985 985 000	CW	(AB)
M12	11-8	1920	14831	Fri	985 985 985 000	CW	(AB)
M12	11-8	2100	10314	Fri	310 310 310 000	CW	(AB/HFD)
M12	11-8	2120	9114	Fri	310 310 310 000	CW	(AB/HFD)
M12	12-8	0600	10429	Sat	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB)
M12	12-8	0620	11429	Sat	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB)
M12	12-8	0640	12129	Sat	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB/SOB)
M12	12-8	1800	11435	Sat	938 938 938 1 6740 70 6740 70 28144 76145 02140 ... 02085 40295 42360 000 000	CW	(AB/MPJ/SOB)
M12	12-8	1820	10598	Sat	938 938 938 1 6740 70 6740 70 28144 76145 02140 ... 02085 40295 42360 000 000	CW	(AB/MPJ)

M12	12-8	1840	9327	Sat	938 938 938 1 6740 70 6740 70 28144 76145 02140 ... 02085 40295 42360 000 000	CW	(AB/MPJ)
M12	12-8	2100	10314	Sat	310 310 310 000	CW	(AB/RL)
M12	12-8	2120	9114	Sat	310 310 310 000	CW	(AB/RL)
M12	13-8	1600	14681	Sun	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	13-8	1620	13881	Sun	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	13-8	1640	13381	Sun	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	14-8	1600	16251	Mon	294 294 294 1 6345 64 6345 64 35317 29383 39968 ... 66064 66641 74083 000 000	CW	(AB/MPJ)
M12	14-8	1620	14951	Mon	294 294 294 1 6345 64 6345 64 35317 29383 39968 ... 66064 66641 74083 000 000	CW	(AB/MPJ)
M12	14-8	1640	14451	Mon	294 294 294 1 6345 64 6345 64 35317 29383 39968 ... 66064 66641 74083 000 000	CW	(AB/MPJ)
M12	14-8	2000	12148	Mon	374 374 374 1 7251 141 7251 141 80717 38924 27267 ... 57204 16661 35755 000 000	CW	(AB/RL)
M12	14-8	2020	10648	Mon	374 374 374 1 7251 141 7251 141 80717 38924 27267 ... 57204 16661 35755 000 000	CW	(AB/RL)
M12	14-8	2040	9148	Mon	374 374 374 1 7251 141 7251 141 80717 38924 27267 ... 57204 16661 35755 000 000	CW	(AB/RL)
M12	15-8	0030	6784	Tue	713 713 713 000	CW	(AB)
M12	15-8	0050	8184	Tue	713 713 713 000	CW	(AB)
M12	16-8	0600	10429	Wed	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB)
M12	16-8	0620	11429	Wed	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB)
M12	16-8	0640	12129	Wed	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB)
M12	16-8	1600	14681	Wed	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	16-8	1620	13881	Wed	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	16-8	1640	13381	Wed	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	16-8	1900	15931	Wed	985 985 985 1 297 61 297 61 11696 57065 56212 ... 55780 38443 88260 000 000	CW	(AB)
M12	16-8	1920	14831	Wed	985 985 985 1 297 61 297 61 11696 57065 56212 ... 55780 38443 88260 000 000	CW	(AB/RL)
M12	16-8	1940	13531	Wed	985 985 985 1 297 61 297 61 11696 57065 56212 ... 55780 38443 88260 000 000	CW	(AB/RL)
M12	17-8	1110	13386	Thu	725 725 725 1 2101 92 2101 92 49686 14690 18092 ... 97636 15301 22207 000 000	CW	(AB)
M12	17-8	1130	12189	Thu	725 725 725 1 2101 92 2101 92 49686 14690 18092 ... 97636 15301 22207 000 000	CW	(AB)
M12	17-8	1150	11491	Thu	725 725 725 1 2101 92 2101 92 49686 14690 18092 ... 97636 15301 22207 000 000	CW	(AB)
M12	17-8	1600	16251	Thu	294 294 294 1 6345 64 6345 64 35317 29383 39968 ... 66064 66641 74083 000 000	CW	(AB)
M12	17-8	1620	14951	Thu	294 294 294 1 6345 64 6345 64 35317 29383 39968 ... 66064 66641 74083 000 000	CW	(AB)
M12	17-8	1640	14451	Thu	294 294 294 1 6345 64 6345 64 35317 29383 39968 ... 66064 66641 74083 000 000	CW	(AB)
M12	17-8	2000	12148	Thu	374 374 374 1 7251 141 7251 141 80717 38924 27267 ... 57204 16661 35755 000 000	CW	(AB)
M12	17-8	2020	10648	Thu	374 374 374 1 7251 141 7251 141 80717 38924 27267 ... 57204 16661 35755 000 000	CW	(AB/RL)
M12	17-8	2040	9148	Thu	374 374 374 1 7251 141 7251 141 80717 38924 27267 ... 57204 16661 35755 000 000	CW	(AB/RL)
M12	18-8	0030	6784	Fri	713 713 713 000	CW	(AB)
M12	18-8	0050	8184	Fri	713 713 713 000	CW	(AB)
M12	18-8	1900	15931	Fri	985 985 985 1 297 61 297 61 11696 57065 56212 ... 55780 38443 88260 000 000	CW	(AB)
M12	18-8	1920	14831	Fri	985 985 985 1 297 61 297 61 11696 57065 56212 ... 55780 38443 88260 000 000	CW	(AB/RL)
M12	18-8	1940	13531	Fri	985 985 985 1 297 61 297 61 11696 57065 56212 ... 55780 38443 88260 000 000	CW	(AB/RL)
M12	18-8	2100	10314	Fri	310 310 310 000	CW	(AB/RL)
M12	18-8	2120	9114	Fri	310 310 310 000	CW	(AB/RL)
M12	19-8	0600	10429	Sat	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB)
M12	19-8	0620	11429	Sat	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB)
M12	19-8	0640	12129	Sat	441 441 441 1 633 177 633 177 17635 58548 40164 ... 78940 20535 73934 000 000	CW	(AB)

M12	19-8	1800	11435	Sat	938 938 938 1 5201 70 5201 70 92508 96148 12848 ... 33533 92456 08104 000 000	CW	(AB)
M12	19-8	1820	10598	Sat	938 938 938 1 5201 70 5201 70 92508 96148 12848 ... 33533 92456 08104 000 000	CW	(AB)
M12	19-8	1840	9327	Sat	938 938 938 1 5201 70 5201 70 92508 96148 12848 ... 33533 92456 08104 000 000	CW	(AB)
M12	19-8	2100	10314	Sat	310 310 310 000	CW	(AB)
M12	19-8	2120	9114	Sat	310 310 310 000	CW	(AB)
M12	20-8	1600	14681	Sun	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	20-8	1620	13881	Sun	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	20-8	1640	13381	Sun	683 683 683 1 4089 194 4089 194 99155 73019 75664 ... 42187 95488 92114 000 000	CW	(AB)
M12	21-8	1600	16251	Mon	294 294 294 1 430 88 430 88 90155 09839 31919 ... 62530 24590 72468 000 000	CW	(AB)
M12	21-8	1620	14951	Mon	294 294 294 1 430 88 430 88 90155 09839 31919 ... 62530 24590 72468 000 000	CW	(AB)
M12	21-8	1640	14451	Mon	294 294 294 1 430 88 430 88 90155 09839 31919 ... 62530 24590 72468 000 000	CW	(AB)
M12	21-8	2000	12148	Mon	374 374 374 000	CW	(AB)
M12	21-8	2020	10648	Mon	374 374 374 000	CW	(AB)
M12	22-8	0030	6784	Tue	713 713 713 000	CW	(AB)
M12	22-8	0050	8184	Tue	713 713 713 000	CW	(AB)
M12	23-8	0600	10429	Wed	441 441 441 000	CW	(AB/SOB)
M12	23-8	0620	11429	Wed	441 441 441 000	CW	(AB/SOB)
M12	23-8	1600	14681	Wed	683 683 683 000	CW	(AB/SOB)
M12	23-8	1620	13881	Wed	683 683 683 000	CW	(AB)
M12	23-8	1900	15931	Wed	985 985 985 000	CW	(AB/RL)
M12	23-8	1920	14831	Wed	985 985 985 000	CW	(AB/RL)
M12	24-8	1110	13386	Thu	725 725 725 1 4645 93 4645 93 90305 43893 67830 ... 84512 09954 48443 000 000	CW	(AB/MPJ)
M12	24-8	1130	12189	Thu	725 725 725 1 4645 93 4645 93 90305 43893 67830 ... 84512 09954 48443 000 000	CW	(AB/MPJ)
M12	24-8	1150	11491	Thu	725 725 725 1 4645 93 4645 93 90305 43893 67830 ... 84512 09954 48443 000 000	CW	(AB/MPJ)
M12	24-8	1600	16251	Thu	294 294 294 1 430 88 430 88 90155 09839 31919 ... 62530 24590 72468 000 000	CW	(AB)
M12	24-8	1620	14951	Thu	294 294 294 1 430 88 430 88 90155 09839 31919 ... 62530 24590 72468 000 000	CW	(AB)
M12	24-8	1640	14451	Thu	294 294 294 1 430 88 430 88 90155 09839 31919 ... 62530 24590 72468 000 000	CW	(AB)
M12	24-8	2000	12148	Thu	374 374 374 000	CW	(AB)
M12	24-8	2020	10648	Thu	374 374 374 000	CW	(AB)
M12	25-8	0030	6784	Fri	713 713 713 000	CW	(AB)
M12	25-8	0050	8184	Fri	713 713 713 000	CW	(AB)
M12	25-8	1900	15931	Fri	985 985 985 000	CW	(AB)
M12	25-8	1920	14831	Fri	985 985 985 000	CW	(AB)
M12	25-8	2100	10314	Fri	310 310 310 000	CW	(AB)
M12	25-8	2120	9114	Fri	310 310 310 000	CW	(AB)
M12	26-8	0600	10429	Sat	441 441 441 000	CW	(AB)
M12	26-8	0620	11429	Sat	441 441 441 000	CW	(AB)
M12	26-8	1800	11435	Sat	938 938 938 1 2988 78 2988 78 20763 93310 64765 ... 57899 18693 99574 000 000	CW	(AB/MPJ/SOB)
M12	26-8	1820	10598	Sat	938 938 938 1 2988 78 2988 78 20763 93310 64765 ... 57899 18693 99574 000 000	CW	(AB/MPJ/SOB)
M12	26-8	1840	9327	Sat	938 938 938 1 2988 78 2988 78 20763 93310 64765 ... 57899 18693 99574 000 000	CW	(AB/MPJ)
M12	26-8	2100	10314	Sat	310 310 310 000	CW	(AB/RL)
M12	26-8	2120	9114	Sat	310 310 310 000	CW	(AB/RL)

M12	27-8	1600	14681	Sun	683 683 683 000	CW	(AB)
M12	27-8	1620	13881	Sun	683 683 683 000	CW	(AB)
M12	28-8	1600	16251	Mon	294 294 294 000	CW	(AB)
M12	28-8	1620	14951	Mon	294 294 294 000	CW	(AB)
M12	28-8	2000	12148	Mon	374 374 374 1 6066 129 6066 129 92636 10677 41072 ... 54239 35124 64111 000 000	CW	(AB/RL)
M12	28-8	2020	10648	Mon	374 374 374 1 6066 129 6066 129 92636 10677 41072 ... 54239 35124 64111 000 000	CW	(AB/RL)
M12	28-8	2040	9148	Mon	374 374 374 1 6066 129 6066 129 92636 10677 41072 ... 54239 35124 64111 000 000	CW	(AB/RL)
M12	29-8	0030	6784	Tue	713 713 713 1 5301 114 5301 114 56359 66021 16677 ... 88658 00959 18719 000 000	CW	(AB)
M12	29-8	0050	8184	Tue	713 713 713 1 5301 114 5301 114 56359 66021 16677 ... 88658 00959 18719 000 000	CW	(AB)
M12	29-8	0110	9342	Tue	713 713 713 1 5301 114 5301 114 56359 66021 16677 ... 88658 00959 18719 000 000	CW	(AB)
M12	30-8	0600	10429	Wed	441 441 441 1 594 111 594 111 25586 61497 28443 ... 10204 28412 56320 000 000	CW	(AB)
M12	30-8	0620	11429	Wed	441 441 441 1 594 111 594 111 25586 61497 28443 ... 10204 28412 56320 000 000	CW	(AB)
M12	30-8	0640	12129	Wed	441 441 441 1 594 111 594 111 25586 61497 28443 ... 10204 28412 56320 000 000	CW	(AB)
M12	30-8	1600	14681	Wed	683 683 683 000	CW	(AB/SOB)
M12	30-8	1620	13881	Wed	683 683 683 000	CW	(AB/SOB)
M12	30-8	1900	15931	Wed	985 985 985 1 422 65 422 65 75800 59281 68392 ... 66902 21704 08677 000 000	CW	(AB/RL)
M12	30-8	1920	14831	Wed	985 985 985 1 422 65 422 65 75800 59281 68392 ... 66902 21704 08677 000 000	CW	(AB/RL)
M12	30-8	1940	13531	Wed	985 985 985 1 422 65 422 65 75800 59281 68392 ... 66902 21704 08677 000 000	CW	(AB/RL)
M12	31-8	1110	13386	Thu	725 725 725 1 6692 92 6692 92 69511 54840 07801 ... 43175 16378 44262 000 000	CW	(AB/SOB)
M12	31-8	1130	12189	Thu	725 725 725 1 6692 92 6692 92 69511 54840 07801 ... 43175 16378 44262 000 000	CW	(AB/SOB)
M12	31-8	1150	11491	Thu	725 725 725 1 6692 92 6692 92 69511 54840 07801 ... 43175 16378 44262 000 000	CW	(AB/SOB)
M12	31-8	1600	16251	Thu	294 294 294 000	CW	(AB)
M12	31-8	1620	14951	Thu	294 294 294 000	CW	(AB)
M12	31-8	2000	12148	Thu	374 374 374 1 6066 129 6066 129 92636 10677 41072 ... 54239 35124 64111 000 000	CW	(AB)
M12	31-8	2020	10648	Thu	374 374 374 1 6066 129 6066 129 92636 10677 41072 ... 54239 35124 64111 000 000	CW	(AB)
M12	31-8	2040	9148	Thu	374 374 374 1 6066 129 6066 129 92636 10677 41072 ... 54239 35124 64111 000 000	CW	(AB)
M14	1-8	0500	12211	Tue	952 463 463 52 52 = = 17039 92584 87143 ... 94822 73469 43018 = = 463 463 52 52 00000	CW	(AB-J)
M14	1-8	0520	10243	Tue	952 463 463 52 52 = = 17039 92584 87143 ... 94822 73469 43018 = = 463 463 52 52 00000	CW	(AB-J)
M14	2-8	0500	12211	Wed	Inverted morse and very weak	CW	(AB-J)
M14	2-8	0520	10243	Wed	Inverted morse. Changed to FSK CW at 0728z; off/on/off/on again at 0530z. Only the final part was readable.	CW	(AB-J)
M14	3-8	0500	12211	Thu	952 634 634 52 52 = = 20806 62633 40517 ... 96519 62442 38157 = = 634 634 52 52 00000	CW	(AB-J)
M14	3-8	0520	10243	Thu	952 634 634 52 52 = = 20806 62633 40517 ... 96519 62442 38157 = = 634 634 52 52 00000	CW	(AB-J)
M14	4-8	0500	12211	Fri	952 817 817 52 52 = = 44384 56915 93097 ... 44125 83937 09068 = = 817 817 52 52 00000	CW	(AB-J)
M14	4-8	0520	10243	Fri	952 817 817 52 52 = = 44384 56915 93097 ... 44125 83937 09068 = = 817 817 52 52 00000	CW	(AB-J)
M14	7-8	0500	12211	Mon	952 346 346 52 52 = = 67192 20066 35038 83736 25541 96758 41983 29528 Off after group 8. EEEEEEE at 0507z.	CW	(AB-J)
M14	7-8	0520	10243	Mon	952 346 346 52 52 = = 67192 20066 35038 ... 65731 65257 46256 = = 346 346 52 52 00000	CW	(AB-J)
M14	8-8	0500	12211	Tue	952 952 718 718 60 60 = = 45509 15752 63065 ... 41470 08517 01005 = = 718 718 60 60 00000	CW	(AB-J)
M14	8-8	0520	10243	Tue	952 952 718 718 60 60 = = 45509 15752 63065 ... 41470 08517 01005 = = 718 718 60 60 00000	CW	(AB-J)

M14	9-8	0500	12211	Wed	952 643 643 54 54 = = 51064 21686 10630 ... 27338 04780 94971 = = 643 643 54 54 00000	CW	(AB-J)
M14	9-8	0520	10243	Wed	952 643 643 54 54 = = 51064 21686 10630 ... 27338 04780 94971 = = 643 643 54 54 00000	CW	(AB-J)
M14	10-8	0500	12211	Thu	952 171 171 58 58 = = 24433 05898 48025 ... 66645 63772 18310 = = 171 171 58 58 00000	CW	(AB-J)
M14	10-8	0520	10243	Thu	952 171 171 58 58 = = 24433 05898 48025 ... 66645 63772 18310 = = 171 171 58 58 00000	CW	(AB-J)
M14	11-8	0500	12211	Fri	952 830 830 64 64 = = 60230 24378 29674 ... 15095 55986 67809 = = 830 830 64 64 00000	CW	(AB-J)
M14	11-8	0520	10243	Fri	952 830 830 64 64 = = 60230 24378 29674 ... 15095 55986 67809 = = 830 830 64 64 00000	CW	(AB-J)
M14	14-8	0500	12211	Mon	952 674 674 57 57 = = 51840 80943 13359 ... 25355 55428 15493 = = 674 674 57 57 00000	CW	(AB-J)
M14	14-8	0520	10243	Mon	952 674 674 57 57 = = 51840 80943 13359 ... 25355 55428 15493 = = 674 674 57 57 00000	CW	(AB-J)
M14	15-8	0500	12211	Tue	952 138 138 56 56 = = 62652 17596 90206 ... 00934 49825 88099 = = 138 138 56 56 00000 Inverted morse. Restarts. Correct at 0703z.	CW	(AB-J)
M14	15-8	0520	10243	Tue	952 138 138 56 56 = = 62652 17596 90206 ... 00934 49825 88099 = = 138 138 56 56 00000	CW	(AB-J)
M14	16-8	0500	12211	Wed	952 407 407 52 52 = = 22654 36655 11541 ... 14867 42181 90015 = = 407 407 52 52 00000	CW	(AB-J)
M14	16-8	0520	10243	Wed	952 407 407 52 52 = = 22654 36655 11541 ... 14867 42181 90015 = = 407 407 52 52 00000	CW	(AB-J)
M14	17-8	0503	12211	Thu	952 168 168 53 53 = = 18463 05774 96335 ... 71143 07280 83387 = = 168 168 53 53 00000	CW	(AB-J)
M14	17-8	0524	10243	Thu	952 168 168 53 53 = = 18463 05774 96335 ... 71143 07280 83387 = = 168 168 53 53 00000	CW	(AB-J)
M14	18-8	0500	12211	Fri	952 374 374 56 56 = = 18064 44227 80089 ... 44254 54214 35866 = = 374 374 56 56 00000	CW	(AB-J)
M14	18-8	0520	10243	Fri	952 374 374 56 56 = = 18064 44227 80089 ... 44254 54214 35866 = = 374 374 56 56 00000	CW	(AB-J)
M14	19-8	1245	11073	Sat	352 867 867 42 42 = = 92227 74925 51077 ... 63793 54659 23998 = = 867 867 42 42 00000	ICW	(sse)
M14	19-8	1530	9463	Sat	801 152 152 60 60 = = 01807 02757 94189 ... 07295 26074 21924 = = 152 152 60 60 00000	ICW	(PY)
M14	21-8	0500	12211	Mon	Slow morse. 952 610 610 52 52 = = 29887 13337 84201 ... 128 pause, switch to normal speed at 0518z, 61 952 pause 12 pause 610 6 952 0 Off	CW	(AB-J)
M14	21-8	0520	10243	Mon	952 610 610 52 52 = = 29887 13337 84201 ... 36363 08540 96408 = = 610 610 52 52 00000	CW	(AB-J)
M14	22-8	0500	12211	Tue	952 384 384 51 51 = = 37645 55637 27163 ... 66609 62639 09409 = = 384 384 51 51 (no closing zeros)	CW	(AB-J)
M14	22-8	0520	10243	Tue	952 384 384 51 51 = = 37645 55637 27163 ... 66609 62639 09409 = = 384 384 51 51 (no closing zeros)	CW	(AB-J)
M14	23-8	0500	12211	Wed	952 760 760 51 51 = = 69706 22182 66509 ... 00479 88433 11685 = = 760 760 51 51 00000	CW	(AB-J)
M14	23-8	0520	10243	Wed	952 760 760 51 51 = = 69706 22182 66509 ... 00479 88433 11685 = = 760 760 51 51 00000	CW	(AB-J)
M14	24-8	0500	12211	Thu	952 148 148 52 52 = = 39729 11775 06118 ... 30174 36766 01373 = = 148 148 52 52 00000	CW	(AB-J)
M14	24-8	0520	10243	Thu	952 148 148 52 52 = = 39729 11775 06118 ... 30174 36766 01373 = = 148 148 52 52 00000	CW	(AB-J)
M14	25-8	0500	12211	Fri	952 759 759 61 61 = = 57063 99537 49806 ... 07200 98289 04957 759 759 61 61 00000	CW	(AB-J)
M14	25-8	0520	10243	Fri	952 759 759 61 61 = = 57063 99537 49806 ... 07200 98289 04957 759 759 61 61 00000	CW	(AB-J)
M14	28-8	0500	12211	Mon	952 418 418 50 50 = = 43152 67964 32130 ... 02097 76845 32378 = = 418 418 50 50 00000	CW	(AB-J)
M14	28-8	0520	10243	Mon	952 418 418 50 50 = = 43152 67964 32130 ... 02097 76845 32378 = = 418 418 50 50 00000	CW	(AB-J)
M14	29-8	0500	12211	Tue	952 376 376 54 54 = = 15162 04060 64305 ... 21391 16868 08031 = = 376 376 54 54 00000	CW	(AB-J)
M14	29-8	0520	10243	Tue	952 376 376 54 54 = = 15162 04060 64305 ... 21391 16868 08031 = = 376 376 54 54 00000	CW	(AB-J)
M14	30-8	0500	12211	Wed	952 841 841 53 53 = = 58942 34012 04695 ... 98632 17076 68413 = = 841 841 53 53 00000	CW	(AB-J)
M14	30-8	0520	10243	Wed	952 841 841 53 53 = = 58942 34012 04695 ... 98632 17076 68413 = = 841 841 53 53 00000	CW	(AB-J)
M14	31-8	0500	12211	Thu	952 473 473 59 59 = = 09145 10330 70018 ... 22314 Off after group 31	CW	(AB-J)
M14	31-8	0520	10243	Thu	952 473 473 59 59 = = 09145 10330 70018 ... 51739 44281 09716 = = 473 473 59 59 00000	CW	(AB-J)
M14	31-8	1640	10755	Thu	Two series of fast beeps	ICW	(PY)
M14	31-8	1650	10755	Thu	975 (R) 283 283 60 60 = = 54837 ... 43164 431 975 (R) 283 283 6	ICW	(PY)

M23	1-8	0154	5345	Tue	MY		CW	(AB)
M23	1-8	0157	5345	Tue	ST3 (R20m)		CW	(AB/WN)
M23	1-8	0221	5345	Tue	MY		CW	(WN)
M23	1-8	0236	5345	Tue	MY		CW	(WN)
M23	1-8	0251	5345	Tue	MY		CW	(WN)
M23	1-8	0257	5345	Tue	Time beep		CW	(AB/WN)
M23	1-8	0306	5345	Tue	MY		CW	(WN)
M23	1-8	0357	5345	Tue	Time beep		CW	(AB)
M23	1-8	0457	5345	Tue	Time beep		CW	(AB)
M23	1-8	0557	10381	Tue	ST3 (R20m)		CW	(AB)
M23	1-8	0957	20456	Tue	ST3 (R20m)		CW	(AB)
M23	1-8	1357	11530	Tue	OSS (R20m)		CW	(AB)
M23	1-8	1757	6937	Tue	S1S (R15m)		CW	(AB)
M23	1-8	1957	4822	Tue	S1S (R15m)		ICW	(Pof)
M23	2-8	0156	5345	Wed	MY		CW	(AB)
M23	2-8	0157	5345	Wed	ST3 (R20m)		CW	(AB)
M23	2-8	0256	5345	Wed	MY		CW	(AB)
M23	2-8	0257	5345	Wed	Time beep		CW	(AB)
M23	2-8	0357	5345	Wed	Time beep		CW	(AB)
M23	2-8	0457	5345	Wed	Time beep		CW	(AB)
M23	2-8	0557	10381	Wed	ST3 (R20m)		CW	(AB)
M23	2-8	0957	20456	Wed	ST3 (R20m)		CW	(AB-D)
M23	2-8	1357	11530	Wed	OSS (R20m)		CW	(AB)
M23	2-8	1413	5345	Wed	MY		CW	(HFD)
M23	2-8	1513	5345	Wed	MY		CW	(HFD)
M23	2-8	1757	6937	Wed	S1S (R15m)		CW	(AB)
M23	2-8	1957	4822	Wed	S1S (R15m)		CW	(AB)
M23	3-8	0146	5345	Thu	MY		CW	(AB)
M23	3-8	0157	5345	Thu	ST3 (R20m)		CW	(AB)
M23	3-8	0257	5345	Thu	Time beep		CW	(AB)
M23	3-8	0357	5345	Thu	Time beep		CW	(AB)
M23	3-8	0446	5345	Thu	MY		CW	(AB)
M23	3-8	0457	5345	Thu	Time beep		CW	(AB)
M23	3-8	0557	10381	Thu	ST3 (R20m)		CW	(AB)
M23	3-8	0957	20456	Thu	ST3 (R20m)		CW	(AB-D)
M23	3-8	1357	11530	Thu	OSS (R20m)		CW	(AB)
M23	3-8	1757	6937	Thu	S1S (R15m)		CW	(AB/CK/MPJ)
M23	3-8	1957	4822	Thu	S1S (R15m)		CW	(AB)
M23	4-8	0140	5345	Fri	MY		CW	(AB)
M23	4-8	0157	5345	Fri	ST3 (R20m)		CW	(AB)
M23	4-8	0257	5345	Fri	Time beep		CW	(AB)
M23	4-8	0357	5345	Fri	Time beep		CW	(AB)

M23	4-8	0451	5345	Fri	MY	CW	(AB)
M23	4-8	0457	5345	Fri	Time beep	CW	(AB)
M23	4-8	0557	10381	Fri	ST3 (R20m)	CW	(AB)
M23	4-8	0957	20456	Fri	ST3 (R20m)	CW	(AB-D)
M23	4-8	1357	11530	Fri	OSS (R20m)	CW	(AB)
M23	4-8	1757	6937	Fri	S1S (R15m)	CW	(AB)
M23	4-8	1757	6937	Fri	S1S	CW	(HFD)
M23	4-8	1957	4822	Fri	S1S (R15m)	CW	(AB)
M23	4-8	1957	4822	Thu	S1S	CW	(HFD)
M23	5-8	0157	5345	Sat	ST3 (R20m)	CW	(AB)
M23	5-8	0257	5345	Sat	Time beep	CW	(AB)
M23	5-8	0356	5345	Sat	Time beep	CW	(AB)
M23	5-8	0441	5345	Sat	MY	CW	(AB)
M23	5-8	0457	5345	Sat	Time beep	CW	(AB)
M23	5-8	0557	10381	Sat	ST3 (R20m)	CW	(AB)
M23	5-8	0557	10381	Sat	ST3	CW	(HFD)
M23	5-8	0957	20456	Sat	ST3 (R20m)	CW	(AB-D)
M23	5-8	0957	20456	Sat	ST3 (R20m)	CW	(AB-D)
M23	5-8	1357	11530	Sat	OSS (R20m)	CW	(AB)
M23	5-8	1757	6937	Sat	S1S (R15m)	CW	(AB)
M23	5-8	1957	4822	Sat	S1S (R15m)	CW	(AB)
M23	6-8	0145	5345	Sun	MY	CW	(AB)
M23	6-8	0157	5345	Sun	ST3 (R20m)	CW	(AB)
M23	6-8	0257	5345	Sun	Time beep	CW	(AB)
M23	6-8	0357	5345	Sun	Time beep	CW	(AB)
M23	6-8	0457	5345	Sun	Time beep	CW	(AB)
M23	6-8	0557	10381	Sun	ST3 (R20m)	CW	(AB)
M23	6-8	0557	10381	Sun	ST3	CW	(HFD)
M23	6-8	0957	20456	Sun	ST3	CW	(HFD)
M23	6-8	1357	11530	Sun	OSS (R20m)	CW	(AB)
M23	6-8	1757	6937	Sun	S1S (R15m)	CW	(AB/Adam)
M23	6-8	1957	4822	Sun	S1S (R15m)	CW	(AB)
M23	7-8	0135	5345	Mon	MY	CW	(AB)
M23	7-8	0150	5345	Mon	MY	CW	(AB)
M23	7-8	0157	5345	Mon	ST3 (R20m)	CW	(AB)
M23	7-8	0257	5345	Mon	Time beep	CW	(AB)
M23	7-8	0357	5345	Mon	Time beep	CW	(AB)
M23	7-8	0457	5345	Mon	Time beep	CW	(AB)
M23	7-8	0557	10381	Mon	ST3 (R20m)	CW	(AB)
M23	7-8	0957	20456	Mon	ST3 (R20m)	CW	(AB-D)
M23	7-8	1357	11530	Mon	OSS (R20m)	CW	(AB/MPJ)
M23	7-8	1357	11530	Mon	OSS 1417z QRT	CW	(HFD)

M23	7-8	1757	6937	Mon	S1S (R15m)	CW	(AB)
M23	7-8	1957	4822	Mon	S1S (R15m)	CW	(AB)
M23	8-8	0155	5345	Tue	MY	CW	(AB)
M23	8-8	0157	5345	Tue	ST3 (R20m)	CW	(AB)
M23	8-8	0157	5345	Tue	ST3	CW	(HFD)
M23	8-8	0225	5345	Tue	MY	CW	(AB)
M23	8-8	0255	5345	Tue	MY	CW	(AB)
M23	8-8	0257	5345	Tue	Time beep	CW	(AB)
M23	8-8	0357	5345	Tue	Time beep	CW	(AB)
M23	8-8	0457	5345	Tue	Time beep	CW	(AB)
M23	8-8	0557	10381	Tue	ST3 (R20m)	CW	(AB)
M23	8-8	0957	20456	Tue	ST3 (R20m)	CW	(AB-CYP)
M23	8-8	1357	11530	Tue	OSS (R20m)	CW	(AB)
M23	8-8	1757	6937	Tue	S1S (R15m)	CW	(AB)
M23	8-8	1957	4822	Tue	S1S (R15m)	ICW	(AB)
M23	9-8	0145	5345	Wed	MY	CW	(AB)
M23	9-8	0157	5345	Wed	ST3 (R20m)	CW	(AB)
M23	9-8	0256	5345	Wed	Time beep	CW	(AB)
M23	9-8	0356	5345	Wed	Time beep	CW	(AB)
M23	9-8	0456	5345	Wed	Time beep	CW	(AB)
M23	9-8	0501	5345	Wed	MY	CW	(AB)
M23	9-8	0557	10381	Wed	ST3 (R20m)	CW	(AB)
M23	9-8	0957	20456	Wed	ST3 (R20m)	CW	(AB-D)
M23	9-8	1357	11530	Wed	OSS (R20m)	CW	(AB)
M23	9-8	1757	6937	Wed	S1S (R15m)	CW	(AB)
M23	9-8	1957	4822	Wed	S1S (R15m)	CW	(AB)
M23	10-8	0150	5345	Thu	MY	CW	(AB)
M23	10-8	0157	5345	Thu	ST3 (R20m)	CW	(AB)
M23	10-8	0257	5345	Thu	Time beep	CW	(AB)
M23	10-8	0357	5345	Thu	Time beep	CW	(AB)
M23	10-8	0457	5345	Thu	Time beep	CW	(AB)
M23	10-8	0557	10381	Thu	ST3 (R20m)	CW	(AB)
M23	10-8	0957	20456	Thu	ST3 (R20m)	CW	(AB-D)
M23	10-8	1357	11530	Thu	OSS (R20m)	CW	(AB)
M23	10-8	1757	6937	Thu	S1S (R15m)	CW	(AB)
M23	10-8	1957	4822	Thu	S1S (R15m)	CW	(AB)
M23	11-8	0155	5345	Fri	MY	CW	(AB)
M23	11-8	0157	5345	Fri	ST3 (R20m)	CW	(AB)
M23	11-8	0257	5345	Fri	Time beep	CW	(AB)
M23	11-8	0357	5345	Fri	Time beep	CW	(AB)
M23	11-8	0455	5345	Fri	MY	CW	(AB)
M23	11-8	0457	5345	Fri	Time beep	CW	(AB)

M23	11-8	0557	10381	Fri	ST3 (R20m)	CW	(AB)
M23	11-8	0957	20456	Fri	ST3 (R20m)	CW	(AB-D)
M23	11-8	1357	11530	Fri	OSS (R20m)	CW	(AB)
M23	11-8	1757	6937	Fri	S1S (R15m)	CW	(AB)
M23	11-8	1957	4822	Fri	S1S (R15m)	CW	(AB)
M23	12-8	0157	5345	Sat	ST3 (R20m)	CW	(AB)
M23	12-8	0257	5345	Sat	Time beep	CW	(AB)
M23	12-8	0356	5345	Sat	Time beep	CW	(AB)
M23	12-8	0446	5345	Sat	MY	CW	(AB)
M23	12-8	0457	5345	Sat	Time beep	CW	(AB)
M23	12-8	0532	5345	Sat	MY	CW	(AB)
M23	12-8	0557	10381	Sat	ST3 (R20m)	CW	(AB)
M23	12-8	0957	20456	Sat	ST3 (R20m)	CW	(AB/SOB)
M23	12-8	1357	11530	Sat	OSS (R20m)	CW	(AB)
M23	12-8	1757	6937	Sat	S1S (R15m)	CW	(AB/MPJ)
M23	12-8	1957	4822	Sat	S1S (R15m)	CW	(AB)
M23	13-8	0150	5345	Sun	MY	CW	(AB)
M23	13-8	0157	5345	Sun	ST3 (R20m)	CW	(AB)
M23	13-8	0257	5345	Sun	Time beep	CW	(AB)
M23	13-8	0357	5345	Sun	Time beep	CW	(AB)
M23	13-8	0457	5345	Sun	Time beep	CW	(AB)
M23	13-8	0505	5345	Sun	MY	CW	(AB)
M23	13-8	0557	10381	Sun	ST3 (R20m)	CW	(AB)
M23	13-8	0957	20456	Sun	ST3 (R20m)	CW	(AB-D/SOB)
M23	13-8	1357	11530	Sun	OSS (R20m)	CW	(AB)
M23	13-8	1757	6937	Sun	S1S (R15m)	CW	(AB)
M23	13-8	1957	4822	Sun	S1S (R15m)	CW	(AB)
M23	14-8	0157	5345	Mon	ST3 (R20m)	CW	(AB)
M23	14-8	0255	5345	Mon	MY	CW	(AB)
M23	14-8	0257	5345	Mon	Time beep	CW	(AB)
M23	14-8	0357	5345	Mon	Time beep	CW	(AB)
M23	14-8	0457	5345	Mon	Time beep	CW	(AB)
M23	14-8	0557	10381	Mon	ST3 (R20m)	CW	(AB)
M23	14-8	0957	20456	Mon	ST3 (R20m)	CW	(AB-D)
M23	14-8	1357	11530	Mon	OSS (R20m)	CW	(AB/MPJ)
M23	14-8	1757	6937	Mon	S1S (R15m)	CW	(AB/MPJ)
M23	14-8	1957	4822	Mon	S1S (R15m)	CW	(AB)
M23	15-8	0145	5345	Tue	MY	CW	(AB)
M23	15-8	0157	5345	Tue	ST3 (R20m)	CW	(AB)
M23	15-8	0257	5345	Tue	Time beep	CW	(AB)
M23	15-8	0357	5345	Tue	Time beep	CW	(AB)
M23	15-8	0446	5345	Tue	MY	CW	(AB)

M23	15-8	0457	5345	Tue	Time beep	CW	(AB)
M23	15-8	0557	10381	Tue	ST3 (R20m)	CW	(AB)
M23	15-8	0957	20456	Tue	ST3 (R20m)	CW	(AB-CYP)
M23	15-8	1357	11530	Tue	OSS (R20m)	CW	(AB)
M23	15-8	1757	6937	Tue	S1S (R15m)	CW	(AB)
M23	15-8	1957	4822	Tue	S1S (R15m)	ICW	(AB)
M23	16-8	0150	5345	Wed	MY	CW	(AB)
M23	16-8	0157	5345	Wed	ST3 (R20m)	CW	(AB)
M23	16-8	0250	5345	Wed	MY	CW	(AB)
M23	16-8	0257	5345	Wed	Time beep	CW	(AB)
M23	16-8	0357	5345	Wed	Time beep	CW	(AB)
M23	16-8	0457	5345	Wed	Time beep	CW	(AB)
M23	16-8	0557	10381	Wed	ST3 (R20m)	CW	(AB)
M23	16-8	0957	20456	Wed	ST3 (R20m)	CW	(AB-D)
M23	16-8	1357	11530	Wed	OSS (R20m)	CW	(AB)
M23	16-8	1757	6937	Wed	S1S (R15m)	CW	(AB/MPJ)
M23	16-8	1957	4822	Wed	S1S (R15m)	ICW	(AB)
M23	17-8	0155	5345	Thu	MY	CW	(AB)
M23	17-8	0156	5345	Thu	ST3 (R20m)	CW	(AB)
M23	17-8	0256	5345	Thu	Time beep	CW	(AB)
M23	17-8	0356	5345	Thu	Time beep	CW	(AB)
M23	17-8	0456	5345	Thu	Time beep	CW	(AB)
M23	17-8	0557	10381	Thu	ST3 (R20m)	CW	(AB)
M23	17-8	0957	20456	Thu	ST3 (R20m)	CW	(AB-F)
M23	17-8	1357	11530	Thu	OSS (R20m)	CW	(AB)
M23	17-8	1757	6937	Thu	S1S (R15m)	CW	(AB)
M23	17-8	1957	4822	Thu	S1S (R15m)	CW	(AB)
M23	18-8	0145	5345	Fri	MY	CW	(AB)
M23	18-8	0157	5345	Fri	ST3 (R20m)	CW	(AB)
M23	18-8	0257	5345	Fri	Time beep	CW	(AB)
M23	18-8	0357	5345	Fri	Time beep	CW	(AB)
M23	18-8	0457	5345	Fri	Time beep	CW	(AB)
M23	18-8	0557	10381	Fri	ST3 (R20m)	CW	(AB)
M23	18-8	0957	20456	Fri	ST3 (R20m)	CW	(AB-D)
M23	18-8	1357	11530	Fri	OSS (R20m)	CW	(AB)
M23	18-8	1757	6937	Fri	S1S (R15m)	CW	(AB/MPJ)
M23	18-8	1957	4822	Fri	S1S (R15m)	CW	(AB)
M23	19-8	0151	5345	Sat	MY	CW	(AB)
M23	19-8	0157	5345	Sat	ST3 (R20m)	CW	(AB)
M23	19-8	0257	5345	Sat	Time beep	CW	(AB)
M23	19-8	0356	5345	Sat	Time beep	CW	(AB)
M23	19-8	0457	5345	Sat	Time beep	CW	(AB)

M23	19-8	0557	10381	Sat	ST3 (R20m)	CW	(AB)
M23	19-8	0957	20456	Sat	ST3 (R20m)	CW	(AB-F)
M23	19-8	1357	11530	Sat	OSS (R20m)	CW	(AB)
M23	19-8	1757	6937	Sat	S1S (R15m)	CW	(AB)
M23	19-8	1957	4822	Sat	S1S (R15m)	CW	(AB)
M23	20-8	0153	5345	Sun	MY	CW	(AB)
M23	20-8	0157	5345	Sun	ST3 (R20m)	CW	(AB)
M23	20-8	0257	5345	Sun	Time beep	CW	(AB)
M23	20-8	0357	5345	Sun	Time beep	CW	(AB)
M23	20-8	0457	5345	Sun	Time beep	CW	(AB)
M23	20-8	0557	10381	Sun	ST3 (R20m)	CW	(AB)
M23	20-8	0957	20456	Sun	ST3 (R20m)	CW	(AB-D)
M23	20-8	1357	11530	Sun	OSS (R20m)	CW	(AB)
M23	20-8	1757	6937	Sun	S1S (R15m)	CW	(AB)
M23	20-8	1957	4822	Sun	S1S (R15m)	CW	(AB)
M23	21-8	0145	5345	Mon	MY	CW	(AB)
M23	21-8	0157	5345	Mon	ST3 (R20m)	CW	(AB)
M23	21-8	0257	5345	Mon	Time beep	CW	(AB)
M23	21-8	0357	5345	Mon	Time beep	CW	(AB)
M23	21-8	0457	5345	Mon	Time beep	CW	(AB)
M23	21-8	0500	5345	Mon	MY	CW	(AB)
M23	21-8	0557	10381	Mon	ST3 (R20m)	CW	(AB)
M23	21-8	0957	20456	Mon	ST3 (R20m)	CW	(AB)
M23	21-8	1357	11530	Mon	OSS (R20m)	CW	(AB/MPJ-HOL)
M23	21-8	1757	6937	Mon	S1S (R15m)	CW	(AB/MPJ)
M23	21-8	1957	4822	Mon	S1S (R15m)	CW	(AB)
M23	22-8	0150	5345	Tue	MY	CW	(AB)
M23	22-8	0157	5345	Tue	ST3 (R20m)	CW	(AB)
M23	22-8	0257	5345	Tue	Time beep	CW	(AB)
M23	22-8	0357	5345	Tue	Time beep	CW	(AB)
M23	22-8	0457	5345	Tue	Time beep	CW	(AB)
M23	22-8	0557	10381	Tue	ST3 (R20m)	CW	(AB)
M23	22-8	0957	20456	Tue	ST3 (R20m)	CW	(AB-CYP)
M23	22-8	1357	11530	Tue	OSS (R20m)	CW	(AB/MPJ-HOL)
M23	22-8	1757	6937	Tue	S1S (R15m)	CW	(AB)
M23	22-8	1957	4822	Tue	S1S (R15m)	ICW	(AB)
M23	23-8	0155	5345	Wed	MY	CW	(AB)
M23	23-8	0157	5345	Wed	ST3 (R20m)	CW	(AB)
M23	23-8	0257	5345	Wed	Time beep	CW	(AB)
M23	23-8	0357	5345	Wed	Time beep	CW	(AB)
M23	23-8	0457	5345	Wed	Time beep	CW	(AB)
M23	23-8	0557	10381	Wed	ST3 (R20m)	CW	(AB/SOB)

M23	23-8	0957	20456	Wed	ST3 (R20m)	CW	(AB-D)
M23	23-8	1357	11530	Wed	OSS (R20m)	CW	(AB)
M23	23-8	1757	6937	Wed	S1S (R15m)	CW	(AB)
M23	23-8	1957	4822	Wed	S1S (R15m)	ICW	(AB)
M23	24-8	0145	5345	Thu	MY	CW	(AB)
M23	24-8	0156	5345	Thu	ST3 (R20m)	CW	(AB)
M23	24-8	0256	5345	Thu	Time beep	CW	(AB)
M23	24-8	0356	5345	Thu	Time beep	CW	(AB)
M23	24-8	0456	5345	Thu	Time beep	CW	(AB)
M23	24-8	0557	10381	Thu	ST3 (R20m)	CW	(AB)
M23	24-8	0957	20456	Thu	ST3 (R20m)	CW	(AB-F)
M23	24-8	1357	11530	Thu	OSS (R20m)	CW	(AB/MPJ)
M23	24-8	1757	6937	Thu	S1S (R15m)	CW	(AB/MPJ)
M23	24-8	1957	4822	Thu	S1S (R15m)	CW	(AB)
M23	25-8	0151	5345	Fri	MY	CW	(AB)
M23	25-8	0156	5345	Fri	ST3 (R20m)	CW	(AB)
M23	25-8	0256	5345	Fri	Time beep	CW	(AB)
M23	25-8	0356	5345	Fri	Time beep	CW	(AB)
M23	25-8	0456	5345	Fri	Time beep	CW	(AB)
M23	25-8	0557	10381	Fri	ST3 (R20m)	CW	(AB)
M23	25-8	0957	20456	Fri	ST3 (R20m)	CW	(AB-KWT)
M23	25-8	1357	11530	Fri	OSS (R20m)	CW	(AB/MPJ)
M23	25-8	1757	6937	Fri	S1S (R15m)	CW	(AB/MPJ)
M23	25-8	1957	4822	Fri	S1S (R15m)	CW	(AB)
M23	26-8	0015	5345	Sat	MY	CW	(AB)
M23	26-8	0030	5345	Sat	MY	CW	(AB)
M23	26-8	0045	5345	Sat	MY	CW	(AB)
M23	26-8	0155	5345	Sat	MY	CW	(AB)
M23	26-8	0156	5345	Sat	ST3 (R20m)	CW	(AB)
M23	26-8	0256	5345	Sat	Time beep	CW	(AB)
M23	26-8	0356	5345	Sat	Time beep	CW	(AB)
M23	26-8	0456	5345	Sat	Time beep and MY at the same time	CW	(AB)
M23	26-8	0556	10381	Sat	ST3 (R20m)	CW	(AB)
M23	26-8	0957	20456	Sat	ST3 (R20m)	CW	(AB-F)
M23	26-8	1357	11530	Sat	OSS (R20m)	CW	(AB)
M23	26-8	1757	6937	Sat	S1S (R15m)	CW	(AB)
M23	26-8	1957	4822	Sat	S1S (R15m)	CW	(AB)
M23	27-8	0100	5345	Sun	MY	CW	(AB)
M23	27-8	0130	5345	Sun	MY	CW	(AB)
M23	27-8	0145	5345	Sun	MY	CW	(AB)
M23	27-8	0156	5345	Sun	ST3 (R20m)	CW	(AB)
M23	27-8	0256	5345	Sun	Time beep	CW	(AB)

M23	27-8	0356	5345	Sun	Time beep	CW	(AB)
M23	27-8	0456	5345	Sun	Time beep	CW	(AB)
M23	27-8	0556	10381	Sun	ST3 (R20m)	CW	(AB)
M23	27-8	0957	20456	Sun	ST3 (R20m)	CW	(AB)
M23	27-8	1357	11530	Sun	OSS (R20m)	CW	(AB/MPJ)
M23	27-8	1757	6937	Sun	S1S (R15m)	CW	(AB/MPJ)
M23	27-8	1957	4822	Sun	S1S (R15m)	CW	(AB)
M23	28-8	0150	5345	Mon	MY	CW	(AB)
M23	28-8	0156	5345	Mon	ST3 (R20m)	CW	(AB)
M23	28-8	0256	5345	Mon	Time beep	CW	(AB)
M23	28-8	0356	5345	Mon	Time beep	CW	(AB)
M23	28-8	0456	5345	Mon	Time beep	CW	(AB)
M23	28-8	0557	10381	Mon	ST3 (R20m)	CW	(AB)
M23	28-8	0957	20456	Mon	ST3 (R20m)	CW	(AB)
M23	28-8	1357	11530	Mon	OSS (R20m)	CW	(AB/MPJ)
M23	28-8	1757	6937	Mon	S1S (R15m)	CW	(AB/MPJ)
M23	28-8	1957	4822	Mon	S1S (R15m)	CW	(AB)
M23	29-8	0155	5345	Tue	MY	CW	(AB)
M23	29-8	0156	5345	Tue	ST3 (R20m)	CW	(AB)
M23	29-8	0256	5345	Tue	Time beep	CW	(AB)
M23	29-8	0356	5345	Tue	Time beep	CW	(AB)
M23	29-8	0456	5345	Tue	Time beep	CW	(AB)
M23	29-8	0557	10381	Tue	ST3 (R20m)	CW	(AB)
M23	29-8	0957	20456	Tue	ST3 (R20m)	CW	(AB-CYP)
M23	29-8	1357	11530	Tue	OSS (R20m)	CW	(AB)
M23	29-8	1757	6937	Tue	S1S (R15m)	CW	(AB)
M23	29-8	1957	4822	Tue	S1S (R15m)	ICW	(AB)
M23	30-8	0145	5345	Wed	MY	CW	(AB)
M23	30-8	0156	5345	Wed	ST3 (R20m)	CW	(AB)
M23	30-8	0256	5345	Wed	Time beep	CW	(AB)
M23	30-8	0356	5345	Wed	Time beep	CW	(AB)
M23	30-8	0456	5345	Wed	Time beep	CW	(AB)
M23	30-8	0557	10381	Wed	ST3 (R20m)	CW	(AB)
M23	30-8	0957	20456	Wed	ST3 (R20m)	CW	(AB-D)
M23	30-8	1356	11530	Wed	OSS (R20m)	CW	(AB)
M23	30-8	1756	6937	Wed	S1S (R15m)	CW	(AB/MPJ)
M23	30-8	1957	4822	Wed	S1S (R15m)	ICW	(AB)
M23	31-8	0150	5345	Thu	MY	CW	(AB)
M23	31-8	0156	5345	Thu	ST3 (R20m)	CW	(AB)
M23	31-8	0256	5345	Thu	Time beep	CW	(AB)
M23	31-8	0356	5345	Thu	Time beep	CW	(AB)
M23	31-8	0456	5345	Thu	Time beep	CW	(AB)

M23	31-8	0557	10381	Thu	ST3 (R20m)	CW	(AB)
M23	31-8	0957	20456	Thu	ST3 (R20m)	CW	(AB-F)
M23	31-8	1357	11530	Thu	OSS (R20m)	CW	(AB)
M23	31-8	1757	6937	Thu	S1S (R15m)	CW	(AB)
M23	31-8	1957	4822	Thu	S1S (R15m)	CW	(AB)
M42	3-8	0721	13443	Thu	Russian diplo	MFSK-66	(RO)
M42	3-8	0726	14474	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0727	21824	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0731	14474	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0732	21824	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0733	16315	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0734	14474	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0735	21824	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0738	14474	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0801	16028	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0803	14474	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0804	21824	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0811	16028	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0812	17521	Thu	Russian diplo. Selcal	Serdolik v2	(RO)
M42	3-8	0821	16026	Thu	Russian diplo	Serdolik v2	(RO)
M42	3-8	1325	16313	Thu	Russian diplo	Serdolik v2	(RO)
M42	3-8	1326	17461	Thu	Russian diplo	Serdolik v2	(RO)
M42	3-8	1347	12092	Thu	Russian diplo	Serdolik v2	(RO)
M42	3-8	1355	16313	Thu	Russian diplo	Serdolik v2	(RO)
M42	3-8	1403	16313	Thu	Russian diplo	Serdolik v2	(RO)
M42	3-8	1404	17461	Thu	Russian diplo	Serdolik v2	(RO)
M42	7-8	0647	10161	Mon	Russian diplo	MFSK-66	(RO)
M42	7-8	0651	11529	Mon	Russian diplo	MFSK-66	(RO)
M42	8-8	0820	13421	Tue	Russian diplo	Serdolik v2	(RO)
M42	8-8	0832	14939	Tue	Russian diplo. Several transmissions between 0832 and 0906z	MFSK-66	(AB/RO)
M42	8-8	0857	14941	Tue	Russian diplo	MFSK-66	(RXR)
M42	8-8	1005	13964	Tue	Russian diplo. Selcal	Serdolik v2	(AB/RXR)
M42	8-8	1006	20811	Tue	Russian diplo	Serdolik v2	(RXR)
M42	8-8	1008	20815	Tue	Russian diplo	Serdolik v2	(RO)
M42	9-8	0746	11562	Wed	Russian diplo	Serdolik v2	(RO)
M42	9-8	0752	18316	Wed	Russian diplo	Serdolik v2	(AB/RO)
M42	9-8	0808	11562	Wed	Russian diplo	Serdolik v2	(RO)
M42	10-8	0829	16062	Thu	Russian diplo	Serdolik v2	(AB/RO)
M42	13-8	1052	12096	Sun	Russian diplo	Serdolik v2	(RO)
M42	13-8	1053	13895	Sun	Russian diplo	Serdolik v2	(RO)
M42	14-8	0838	17466	Mon	Russian diplo	Serdolik v2	(AB/RO)
M42	14-8	0919	14686	Mon	Russian diplo	Serdolik v2	(AB)

M42	14-8	0935	19273	Mon	Russian diplo	Serdolik v2	(RO)
M42	15-8	0848	13422	Tue	Russian diplo	MFSK-66	(AB/RO)
M42	15-8	0904	11552	Tue	Russian diplo	MFSK-66	(RO)
M42	15-8	1136	16169	Tue	Russian diplo. Selcal	Serdolik v2	(AB)
M42	15-8	1140	16169	Tue	Russian diplo. Selcal	Serdolik v2	(AB)
M42	15-8	1143	16169	Tue	Russian diplo. Selcal	Serdolik v2	(AB)
M42	15-8	1147	16169	Tue	Russian diplo. Selcal	Serdolik v2	(AB/RO)
M42	15-8	1150	16169	Tue	Russian diplo. Selcal	Serdolik v2	(RO)
M42	15-8	1154	16169	Tue	Russian diplo. Selcal	Serdolik v2	(AB/RO)
M42	17-8	0745	16025	Thu	Russian diplo. Selcal	Serdolik v2	(AB)
M42	17-8	0745	16313	Thu	Russian diplo. QSX 16026 kHz	Serdolik v2	(AB/RO)
M42	17-8	0747	16026	Thu	Russian diplo. QSX 16313 kHz	Serdolik v2	(AB/RO)
M42	17-8	0803	16313	Thu	Russian diplo. QSX 16026 kHz	Serdolik v2	(AB)
M42	17-8	0805	16026	Thu	Russian diplo. QSX 16313 kHz	Serdolik v2	(AB/RO)
M42	17-8	0812	16313	Thu	Russian diplo	Serdolik v2	(RO)
M42	17-8	0942	18195	Thu	Russian diplo	ODFM	(AB)
M42	17-8	0954	18195	Thu	Russian diplo	MFSK-66	(AB)
M42	17-8	1150	11422	Thu	i.p. 8610 88225 96951 09057 22040 ... 12258 75950 41003 =100= -1151 QSL QRX 110 58 QRX 110 58 AR	FSK 50/500 + CW	(Pof)
M42	17-8	1300	16156	Thu	Russian domestic net. UAL QSY 17411	CW	(VSh)
M42	18-8	0959	12164	Fri	Russian diplo	Serdolik v2	(AB/RO)
M42	18-8	1012	16304	Fri	Russian diplo. Selcal	Serdolik v2	(AB/RO)
M42	18-8	1014	18324	Fri	Russian diplo. Selcal	Serdolik v2	(AB/RO)
M42	18-8	1015	12164	Fri	Russian diplo. Test	Serdolik v2	(AB)
M42	18-8	1015	16304	Fri	Russian diplo. Selcal	Serdolik v2	(AB)
M42	18-8	1017	18324	Fri	Russian diplo. Selcal	Serdolik v2	(AB)
M42	18-8	1018	16304	Fri	Russian diplo. Selcal	Serdolik v2	(AB/RO)
M42	18-8	1019	12164	Fri	Russian diplo. Test	Serdolik v2	(AB/RO)
M42	18-8	1021	18324	Fri	Russian diplo. Selcal	Serdolik v2	(AB)
M42	18-8	1022	16304	Fri	Russian diplo. Selcal	Serdolik v2	(AB/RO)
M42	18-8	1024	18324	Fri	Russian diplo. Selcal	Serdolik v2	(AB)
M42	18-8	1024	12164	Fri	Russian diplo. Test	Serdolik v2	(AB/RO)
M42	18-8	1027	18322	Fri	Russian diplo. Off within 1 minute	Serdolik v2	(AB)
M42	18-8	1028	16302	Fri	Russian diplo. Off within 1 minute	Serdolik v2	(AB)
M42	18-8	1037	16302	Fri	Russian diplo	Serdolik v2	(AB)
M42	18-8	1048	19478	Fri	Russian diplo	Serdolik v2	(AB)
M42	18-8	1120	12164	Fri	Russian diplo	Serdolik v2	(AB)
M42	20-8	0725	10202	Sun	Russian diplo	MFSK-66	(RO)
M42	20-8	0807	14393	Sun	Russian diplo	MFSK-66	(RO)
M42	20-8	0809	12160	Sun	Russian diplo	MFSK-66	(RO)
M42	20-8	1030	13397	Sun	RYX: Chita wkg UHX: Orenburg: 11100 60102 54321 20133 05009 (5FGs) and 11100 60102 12345 20134 05009 (5LGs)	FSK 100/500 inv	(qsr711)

M42	20-8	1030	14380	Sun	UHX: Orenburg wkg RYX: Chita: 11100 60102 13579 20133 05003 (5FGs) and 11100 60102 24596 20134 05003 (5LGs)	FSK 100/500	(qsr711)
M42	22-8	1018	20815	Tue	Russian diplo	Serdolik v2	(RO)
M42	23-8	0724	12112	Wed	Russian diplo	MFSK-66	(AB/RXR)
M42	23-8	0736	11166	Wed	Russian diplo	Serdolik v2	(RXR)
M42	23-8	0755	12188	Wed	Russian diplo	Serdolik v2	(AB/RXR)
M42	23-8	0756	11562	Wed	Russian diplo. Selcal	Serdolik v2	(AB)
M42	23-8	0758	20330	Wed	Russian diplo	Serdolik v2	(RXR)
M42	23-8	0850	12186	Wed	Russian diplo	Serdolik v2	(RXR)
M42	23-8	1000	17516	Wed	Russian net	MFSK-13	(AB)
M42	23-8	1007	13934	Wed	Russian net	MFSK-13	(AB)
M42	23-8	1011	12097	Wed	Russian net	MFSK-13	(AB)
M42	24-8	1300	16156	Thu	UAL: Moscow wkg UAG: Havana. Message header: 11100 70103 96315 24103 04009	FSK 100/500 + FSK	(qsr711)
M42	24-8	1300	18726	Thu	UAG: Havana wkg UAL: Moscow. Message header: 11100 70103 _7155 2_103 04003	FSK 100/500 + FSK	(qsr711)
M42	25-8	1318	14828	Fri	Russian diplo	Serdolik v2	(AB)
M42	27-8	1030	14380	Sun	UHX: Orenburg wkg RYX: Chita. Headers 11100 60102 45896 27137 05003 (5FG message) 11100 60102 45896 27138 05003 (5LG message)	FSK 100/500	(AB)
M42	27-8	1030	13397	Sun	UHX: Orenburg wkg RYX: Chita. Headers 11100 60102 45896 27137 05003 and 11100 60102 45896 27138 05003	FSK 100/500 inv + FSK-CW	(qsr711)
M42	27-8	1030	14380	Sun	RYX: Chita wkg UHX: Orenburg. Headers 11100 60102 34875 27137 05009 and 11100 60102 89452 27138 05009	FSK 100/500 inv + FSK-CW	(qsr711)
M42	28-8	0821	17466	Mon	Russian diplo	Serdolik v2	(AB)
M42	28-8	0823	17466	Mon	Russian diplo	Serdolik v2	(RO)
M42	28-8	0918	19275	Mon	Russian diplo	Serdolik v2	(RO)
M42	28-8	0919	14688	Mon	Russian diplo	Serdolik v2	(RO)
M42	28-8	0925	19273	Mon	Russian diplo	Serdolik v2	(AB/RO)
M42	28-8	1239	11492	Mon	Russian diplo	OFDM-121	(RO)
M42	28-8	1244	14686	Mon	Russian diplo	OFDM-121	(RO)
M42	31-8	1300	16156	Thu	UAL: Moscow wkg UAG: Havana. Header 11100 70103 25421 31104 04003	FSK-CW, FSK75/500 5N1	(qsr711)
M42	31-8	1300	18726	Thu	UAG: Havana wkg UAL: Moscow. Header 11100 70103 24598 31104 04009	FSK 100/500 5N1.5	(qsr711)
M42b	17-8	1152	9339	Thu	QRX 110 58 QRX 110 58 K CFM AR	CW	(Pof)
M42b	17-8	1233	12062	Thu	Russian domestic net	FSK 50/500 + CW	(Pof)
M42b	17-8	1237	16023	Thu	Russian domestic net. BLZ26	FSK 50/500 + CW	(Pof)
M42b	17-8	1238	16128	Thu	Russian domestic net	FSK 50/500 + CW	(Pof)
M51a	12-8	0700	3881	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA	CW	(AB)
M51a	12-8	0700	6825	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA	CW	(AB)
M51a	12-8	0820	3881	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA	CW	(AB)
M51a	12-8	0820	6825	Sat	VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA	CW	(AB)

M51b	12-8	0608	3881	Sat	Non-stop 5 character groups composed of M51a messages //6825 kHz	CW	(AB)
M51b	12-8	0608	6825	Sat	Non-stop 5 character groups composed of M51a messages //3881 kHz	CW	(AB)
M89	1-8	1212	3565	Tue	V BSA5 (x3) DE TP4C (x2) //6378	CW	(JPL)
M89	1-8	1212	6378	Tue	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	1-8	1213	6405	Tue	i.p. RMKS 5020 TO 5091 = K R = = A547 736T N43N 37A4 ...	CW	(JPL)
M89	1-8	1218	5622	Tue	i.p. NAN6 TD4 573D AT.U U34T 4576 573D ...	CW	(JPL)
M89	1-8	1615	3565	Tue	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	1-8	1615	4718	Tue	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	1-8	1620	4860	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	1-8	1620	6840	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	11-8	1120	4860	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	11-8	1120	6840	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	11-8	1128	3565	Fri	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	11-8	1128	4718	Fri	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	11-8	1213	4567	Fri	i.p. T47A D45U T34A 3DT4 TADU 365D ANU6 3DN7 564D ...	CW	(JPL)
M89	11-8	1800	6822	Fri	i.p. AN7N AN6U 6A43 3N7T DN6N 7A54 3676 A53D T6T7 T754 ...	CW	(JPL)
M89	28-8	2220	4860	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	28-8	2220	6840	Mon	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	28-8	2231	6378	Mon	V BSA5 (x3) DE TP4C (x2) MSG NR 4143/MZ 0630 RMKS 0666 TO 0616 0366 0136 = //7045	CW	(JPL)
M89	28-8	2231	7045	Mon	V BSA5 (x3) DE TP4C (x2) MSG NR 4143/MZ 0630 RMKS 0666 TO 0616 0366 0136 = //6378	CW	(JPL)
M89	31-8	1151	3565	Thu	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	31-8	1151	4718	Thu	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	31-8	1907	4375	Thu	i.p. NR 3157/EX 0306 = 480/JZ2 AR NR 3157/EX 0305 = U8O/JZ2 AR QSY 04 QSY 04 VVV	CW	(JPL)
M95	1-8	1612	4178	Tue	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	1-8	1612	7517	Tue	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	6-8	1137	8073	Sun	V BNGC BNGC BNGC DE XSV85 XSV85 HRG 799 A PSE CY NR A599 CK 211 35 0806 1555 =	CW	(VSh)
M95	11-8	1137	8073	Fri	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0609 CK 213 35 0811 1604 =	CW	(JPL)
M95	11-8	1152	4243	Fri	VVV HR 7G TO YR PSE CY NR 22 CK 187 35 0811 1520 = UTU TAA 3U6 3A4 TTU 773 353 N3D 354 336 N3U N35 374 ... //9054	CW	(JPL)
M95	11-8	1152	9054	Fri	VVV HR 7G TO YR PSE CY NR 22 CK 187 35 0811 1520 = UTU TAA 3U6 3A4 TTU 773 353 N3D 354 336 N3U N35 374 ... //4243	CW	(JPL)
M95	11-8	1725	4178	Fri	V XP5B (x3) DE S2DJ (x2) (IP - Cont'd) (// 7517) (Remote tuner Novosibirsk)] JPL FRI	CW	(JPL)
M95	11-8	1725	7517	Fri	V XP5B (x3) DE S2DJ (x2) (IP - Cont'd) (// 4178) (Remote tuner Novosibirsk)] JPL FRI	CW	(JPL)
M95	28-8	2215	4178	Mon	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	28-8	2215	7517	Mon	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	31-8	1149	4243	Thu	VVV HR 7G TO YR PSE CY NR 62 CK 128 35 0831 1540 = UTU T3A 3U6 3A4 TTU 773 354 373 N3D 353 ... //9054	CW	(JPL)
M95	31-8	1149	9054	Thu	VVV HR 7G TO YR PSE CY NR 62 CK 128 35 0831 1540 = UTU T3A 3U6 3A4 TTU 773 354 373 N3D 353 ... //4243	CW	(JPL)
M95	31-8	1152	5651	Thu	V XP5B (x3) DE S2DJ (x2) //12039	CW	(JPL)
M95	31-8	1152	12039	Thu	V XP5B (x3) DE S2DJ (x2) //5651	CW	(JPL)
P03	3-8	0615	11092	Thu	Polish intel.	PSK	(AB)

P03	3-8	0620	11092	Thu	Polish intel.	PSK	(AB)
P03	3-8	0635	19425	Thu	Polish intel.	PSK	(AB)
P03	3-8	0640	19425	Thu	Polish intel.	PSK	(AB)
P03	3-8	0720	11092	Thu	Polish intel.	PSK	(AB)
P03	3-8	0720	11092	Thu	Polish intel.	PSK	(AB)
P03	4-8	1500	9049	Fri	Polish intel.	PSK	(AB)
P03	4-8	1505	9049	Fri	Polish intel.	PSK	(AB)
P03	7-8	1030	9339	Mon	Polish intel.	PSK	(AB-POL)
P03	7-8	1035	9339	Mon	Polish intel.	PSK	(AB-POL)
P03	8-8	0615	11092	Tue	Polish intel.	PSK	(AB)
P03	8-8	0620	11092	Tue	Polish intel.	PSK	(AB)
P03	8-8	0635	19425	Tue	Polish intel.	PSK	(AB-POL)
P03	8-8	0640	19425	Tue	Polish intel.	PSK	(AB-POL)
P03	8-8	0810	12089	Tue	Polish intel.	PSK	(AB)
P03	8-8	0815	12089	Tue	Polish intel.	PSK	(AB)
P03	9-8	0615	14865	Wed	Polish intel.	PSK	(AB)
P03	9-8	0620	14865	Wed	Polish intel.	PSK	(AB)
P03	9-8	1030	9339	Wed	Polish intel.	PSK	(AB-POL)
P03	9-8	1035	9339	Wed	Polish intel.	PSK	(AB-POL)
P03	10-8	0615	11092	Thu	Polish intel.	PSK	(AB)
P03	10-8	0620	11092	Thu	Polish intel.	PSK	(AB)
P03	10-8	0635	19425	Thu	Polish intel.	PSK	(AB)
P03	10-8	0640	19425	Thu	Polish intel.	PSK	(AB)
P03	11-8	0815	12089	Fri	Polish intel.	PSK	(AB)
P03	11-8	0850	12089	Fri	Polish intel.	PSK	(AB)
P03	11-8	1500	9049	Fri	Polish intel.	PSK	(AB/MPJ)
P03	11-8	1505	9049	Fri	Polish intel.	PSK	(AB/MPJ)
P03	14-8	1030	9339	Mon	Polish intel.	PSK	(AB-POL)
P03	14-8	1035	9339	Mon	Polish intel.	PSK	(AB-POL)
P03	14-8	1200	9371	Mon	Polish intel.	PSK	(AB)
P03	14-8	1205	9371	Mon	Polish intel.	PSK	(AB)
P03	15-8	0615	11092	Tue	Polish intel.	PSK	(AB)
P03	15-8	0620	11092	Tue	Polish intel.	PSK	(AB)
P03	15-8	0635	19425	Tue	Polish intel.	PSK	(AB-POL)
P03	15-8	0640	19425	Tue	Polish intel.	PSK	(AB-POL)
P03	15-8	0810	12089	Tue	Polish intel.	PSK	(AB)
P03	15-8	0815	12089	Tue	Polish intel.	PSK	(AB)
P03	15-8	1500	9049	Tue	Polish intel.	PSK	(MPJ)
P03	15-8	1505	9049	Tue	Polish intel.	PSK	(MPJ)
P03	16-8	0615	14865	Wed	Polish intel.	PSK	(AB)
P03	16-8	0620	14865	Wed	Polish intel.	PSK	(AB)
P03	16-8	1030	9339	Wed	Polish intel.	PSK	(AB-POL)

P03	16-8	1035	9339	Wed	Polish intel.	PSK	(AB-POL)
P03	17-8	0615	11092	Thu	Polish intel.	PSK	(AB)
P03	17-8	0620	11092	Thu	Polish intel.	PSK	(AB)
P03	17-8	0635	19425	Thu	Polish intel.	PSK	(AB)
P03	17-8	0640	19425	Thu	Polish intel.	PSK	(AB)
P03	17-8	1200	9371	Thu	Polish intel.	PSK	(AB)
P03	17-8	1205	9371	Thu	Polish intel.	PSK	(AB)
P03	18-8	0815	12089	Fri	Polish intel.	PSK	(AB)
P03	18-8	0850	12089	Fri	Polish intel.	PSK	(AB)
P03	18-8	1500	9049	Fri	Polish intel.	PSK	(AB/MPJ)
P03	18-8	1505	9049	Fri	Polish intel.	PSK	(AB/MPJ)
P03	20-8	1245	6480	Sun	Polish intel.	PSK	(AB)
P03	20-8	1250	6480	Sun	Polish intel.	PSK	(AB)
P03	21-8	1030	9339	Mon	Polish intel.	PSK	(AB/MPJ)
P03	21-8	1035	9339	Mon	Polish intel.	PSK	(AB/MPJ)
P03	21-8	1200	9371	Mon	Polish intel.	PSK	(AB/MPJ)
P03	21-8	1205	9371	Mon	Polish intel.	PSK	(AB/MPJ)
P03	22-8	0615	11092	Tue	Polish intel.	PSK	(AB)
P03	22-8	0620	11092	Tue	Polish intel.	PSK	(AB)
P03	22-8	0635	19425	Tue	Polish intel.	PSK	(AB-POL)
P03	22-8	0640	19425	Tue	Polish intel.	PSK	(AB-POL)
P03	22-8	0720	11092	Tue	Polish intel.	PSK	(AB)
P03	22-8	0725	11092	Tue	Polish intel.	PSK	(AB)
P03	22-8	0810	12089	Tue	Polish intel.	PSK	(AB)
P03	22-8	0815	12089	Tue	Polish intel.	PSK	(AB)
P03	22-8	1500	9049	Tue	Polish intel.	PSK	(AB)
P03	22-8	1505	9049	Tue	Polish intel.	PSK	(AB)
P03	23-8	0615	14865	Wed	Polish intel.	PSK	(AB)
P03	23-8	0620	14865	Wed	Polish intel.	PSK	(AB)
P03	23-8	1030	9339	Wed	Polish intel.	PSK	(AB-POL)
P03	23-8	1035	9339	Wed	Polish intel.	PSK	(AB-POL)
P03	24-8	0615	11092	Thu	Polish intel.	PSK	(AB)
P03	24-8	0620	11092	Thu	Polish intel.	PSK	(AB)
P03	24-8	0635	19425	Thu	Polish intel.	PSK	(AB)
P03	24-8	0640	19425	Thu	Polish intel.	PSK	(AB)
P03	24-8	0720	11092	Thu	Polish intel.	PSK	(AB)
P03	24-8	0725	11092	Thu	Polish intel.	PSK	(AB)
P03	24-8	1200	9371	Thu	Polish intel.	PSK	(AB)
P03	24-8	1205	9371	Thu	Polish intel.	PSK	(AB)
P03	25-8	0815	12089	Fri	Polish intel.	PSK	(AB)
P03	25-8	0850	12089	Fri	Polish intel.	PSK	(AB)
P03	25-8	1500	9049	Fri	Polish intel.	PSK	(AB)

P03	25-8	1505	9049	Fri	Polish intel.	PSK	(AB)
P03	27-8	1245	6480	Sun	Polish intel.	PSK	(AB)
P03	27-8	1250	6480	Sun	Polish intel.	PSK	(AB)
P03	28-8	1030	9339	Mon	Polish intel.	PSK	(AB/MPJ)
P03	28-8	1035	9339	Mon	Polish intel.	PSK	(AB/MPJ)
P03	28-8	1200	9371	Mon	Polish intel.	PSK	(AB/MPJ)
P03	28-8	1205	9371	Mon	Polish intel.	PSK	(AB/MPJ)
P03	29-8	0615	11092	Tue	Polish intel.	PSK	(AB)
P03	29-8	0620	11092	Tue	Polish intel.	PSK	(AB)
P03	29-8	0635	19425	Tue	Polish intel.	PSK	(AB-POL)
P03	29-8	0640	19425	Tue	Polish intel.	PSK	(AB-POL)
P03	29-8	0720	11092	Tue	Polish intel.	PSK	(AB)
P03	29-8	0725	11092	Tue	Polish intel.	PSK	(AB)
P03	29-8	0810	12089	Tue	Polish intel.	PSK	(AB)
P03	29-8	0815	12089	Tue	Polish intel.	PSK	(AB)
P03	29-8	1500	9049	Tue	Polish intel.	PSK	(AB)
P03	29-8	1505	9049	Tue	Polish intel.	PSK	(AB)
P03	30-8	0615	14865	Wed	Polish intel.	PSK	(AB)
P03	30-8	0620	14865	Wed	Polish intel.	PSK	(AB)
P03	30-8	1030	9339	Wed	Polish intel.	PSK	(AB-POL)
P03	30-8	1035	9339	Wed	Polish intel.	PSK	(AB-POL)
P03	31-8	0615	11092	Thu	Polish intel.	PSK	(AB)
P03	31-8	0620	11092	Thu	Polish intel.	PSK	(AB)
P03	31-8	0635	19425	Thu	Polish intel.	PSK	(AB)
P03	31-8	0640	19425	Thu	Polish intel.	PSK	(AB)
P03	31-8	0720	11092	Thu	Polish intel.	PSK	(AB)
P03	31-8	0725	11092	Thu	Polish intel.	PSK	(AB)
P03	31-8	1200	9371	Thu	Polish intel.	PSK	(AB)
P03	31-8	1205	9371	Thu	Polish intel.	PSK	(AB)
P03e	1-8	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	1-8	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	4-8	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	4-8	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	6-8	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	6-8	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	6-8	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	6-8	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	8-8	1725	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	8-8	1730	5231	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	11-8	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	11-8	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13-8	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)

P03e	13-8	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13-8	1725	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13-8	1730	5231	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	18-8	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	18-8	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	20-8	1515	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	20-8	1520	14415	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	25-8	1515	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	25-8	1520	14415	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03f	2-8	0530	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03f	2-8	0535	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03f	7-8	0530	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03f	7-8	0535	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03f	9-8	0530	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03f	9-8	0535	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03f	14-8	0530	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03f	14-8	0535	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03f	16-8	0530	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03f	16-8	0535	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03f	21-8	0530	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03f	21-8	0535	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03f	23-8	0530	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03f	23-8	0535	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03f	28-8	0530	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03f	28-8	0535	13537	Mon	Polish intel.	QPSK 200Bd	(AB)
P03f	30-8	0530	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03f	30-8	0535	13537	Wed	Polish intel.	QPSK 200Bd	(AB)
P03j	2-8	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	2-8	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	2-8	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	2-8	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	4-8	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	4-8	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	7-8	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	7-8	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	9-8	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	9-8	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	9-8	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	9-8	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	11-8	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	11-8	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	14-8	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)

P03j	14-8	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16-8	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16-8	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16-8	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	16-8	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	18-8	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	18-8	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	21-8	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	21-8	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	23-8	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	23-8	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	23-8	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	23-8	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	25-8	1315	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	25-8	1320	16335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	28-8	0630	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	28-8	0635	17535	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	30-8	0630	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	30-8	0635	17535	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	30-8	1315	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL/MPJ)
P03j	30-8	1320	16335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB-POL/MPJ)
P03k	2-8	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	2-8	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	2-8	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-8	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-8	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	3-8	1955	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-8	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-8	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-8	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-8	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-8	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-8	0635	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-8	1200	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-8	1205	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-8	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5-8	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5-8	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-8	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-8	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5-8	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6-8	0530	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	6-8	0535	11420	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-8	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-8	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-8	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6-8	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6-8	1200	5409	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	6-8	1205	5409	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	6-8	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6-8	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6-8	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-8	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-8	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-8	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-8	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-8	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-8	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	9-8	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	9-8	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9-8	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-8	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	10-8	1955	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-8	0530	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-8	0535	11420	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-8	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-8	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-8	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-8	0635	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-8	1200	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12-8	1205	5409	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12-8	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-8	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-8	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12-8	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12-8	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-8	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-8	0630	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-8	0635	6814	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-8	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-8	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-8	1200	5409	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	13-8	1205	5409	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	13-8	1220	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	13-8	1225	8803	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-8	1950	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-8	1955	5779	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-8	1220	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-8	1225	8803	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15-8	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	15-8	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-8	1310	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	16-8	1315	9558	Wed	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	16-8	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-8	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	17-8	1950	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	17-8	1955	5779	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-8	1100	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	18-8	1105	8530	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	19-8	0630	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-8	0635	6814	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-8	1230	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-8	1235	13873	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-8	1310	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-8	1315	9558	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-8	1800	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-8	1805	5344	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-8	1100	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-8	1105	8530	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-8	1230	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-HOL)
P03k	22-8	1235	13873	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ-HOL)
P03k	23-8	1800	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-8	1805	5344	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03I	2-8	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	2-8	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4-8	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4-8	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5-8	1245	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	5-8	1250	5082	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9-8	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	9-8	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	11-8	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	11-8	1350	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	16-8	1345	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	16-8	1350	8597	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	18-8	1345	8597	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)

P03I	18-8	1350	8597	Fri	Polish intel.		QPSK 100Bd/464bp	(AB/MPJ)
P07	6-8	1400	9214	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	6-8	1410	8187	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	6-8	1420	7534	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	6-8	1430	6782	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	6-8	1440	5899	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	6-8	1450	5184	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	9-8	1400	9214	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	9-8	1410	8187	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	9-8	1420	7534	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	9-8	1430	6782	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	9-8	1440	5899	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	9-8	1450	5184	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	13-8	1400	9214	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	13-8	1410	8187	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	13-8	1420	7534	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	13-8	1430	6782	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	13-8	1440	5899	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	13-8	1450	5184	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	16-8	1400	9214	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	16-8	1410	8187	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	16-8	1420	7534	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	16-8	1430	6782	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	16-8	1440	5899	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	16-8	1450	5184	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	20-8	1400	9214	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	20-8	1410	8187	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	20-8	1420	7534	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	20-8	1430	6782	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	20-8	1440	5899	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	20-8	1450	5184	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	23-8	1400	9214	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	23-8	1410	8187	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	23-8	1420	7534	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	23-8	1430	6782	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	23-8	1440	5899	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	23-8	1450	5184	Wed	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	27-8	1400	9214	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	27-8	1410	8187	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-8	1420	7534	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-8	1430	6782	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	27-8	1440	5899	Sun	Russian intel.		8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)

P07	27-8	1450	5184	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	30-8	1400	9214	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	30-8	1410	8187	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	30-8	1420	7534	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL/MPJ)
P07	30-8	1430	6782	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	30-8	1440	5899	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
P07	30-8	1450	5184	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB-POL)
Q26	6-8	1133	8073	Sun	AGN NR0599 CK211 35 0806 1555 -- 006 326 319 327 012 773 022 773 024 773 ...	4+4 QPSK 75/3000 LSB	(VSh)
Q26	11-8	1132	8073	Fri	XSV85: messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	11-8	1143	4243	Fri	XSV85: messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	11-8	1143	9054	Fri	XSV85: messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	12-8	0255	12763	Sat	Header: 23033 124 51 0811 1022 message MSG AGN 23033 124 51 0811 1022 msg rptd AHR ZNN SK / 0((QPCIM	4+4 QPSK 75/3000 LSB	(VSh)
Q26	31-8	1142	4243	Thu	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	31-8	1142	9054	Thu	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
S06	1-8	0400	11616	Tue	480 259 61, too much fading for a reliable copy	USB	(Lac/Subilo)
S06	1-8	0420	9332	Tue	480 259 61, too much fading for a reliable copy	USB	(Lac/Subilo)
S06	2-8	0400	11616	Wed	480 731 56 37310 61285 59384 ... 52782 95254 97642 731 56 00000	UTC	(Subilo)
S06	2-8	0420	9322	Wed	480 731 56 37310 61285 59384 ... 52782 95254 97642 731 56 00000	UTC	(Subilo)
S06	3-8	0400	11616	Thu	480 569 50 57544 87275 54593 ... 88603 05372 89041 569 50 00000	UTC	(Subilo)
S06	3-8	0420	9322	Thu	480 569 50 57544 87275 54593 ... 88603 05372 89041 569 50 00000	UTC	(Subilo)
S06	4-8	0400	11616	Fri	480 237 51 68005 80046 43324 ... 22678 17722 22408 237 51 00000	USB	(Lac/Subilo)
S06	4-8	0420	9322	Fri	480 237 51 68005 80046 43324 ... 22678 17722 22408 237 51 00000	UTC	(Subilo)
S06	4-8	1900	10286	Fri	637 637 637 00000	USB	(AB/HFD)
S06	4-8	2000	8037	Fri	637 637 637 00000	USB	(AB/HFD/Lac)
S06	7-8	0400	11616	Mon	480 165 70 80621 57410 87873 ... 82380 31183 52599 165 70 00000	USB	(Lac/Subilo)
S06	7-8	0420	9322	Mon	480 165 70 80621 57410 87873 ... 82380 31183 52599 165 70 00000	USB	(Lac/Subilo)
S06	8-8	0400	11616	Tue	480 927 53 20853 71407 97027 ... 08829 late start, abrupt end of transmission mid group 36	USB	(Lac/Subilo)
S06	8-8	0420	9322	Tue	480 927 53 20853 71407 97027 ... 61559 35368 18912 927 53 00000	USB	(Lac/Subilo)
S06	9-8	0400	11616	Wed	480 613 52 80444 38864 14366 ... 93446 66371 27794 613 52 00000	UTC	(Subilo)
S06	9-8	0420	9322	Wed	480 613 52 80444 38864 14366 ... 93446 66371 27794 613 52 00000	UTC	(Subilo)
S06	10-8	0400	11616	Thu	480 597 62 56913 87838 15964 ... 51970 58615 63667 597 62 00000	UTC	(Subilo)
S06	10-8	0420	9322	Thu	480 597 62 56913 87838 15964 ... 51970 58615 63667 597 62 00000	UTC	(Subilo)
S06	11-8	0400	11616	Fri	480 321 60 51326 47410 67766 ... 56186 72030 41040 321 60 00000	USB	(Lac/Subilo)
S06	11-8	0400	11616	Fri	480 321 60 51326 47410 67766 ... 56186 72030 41040 321 60 00000	USB	(Lac/Subilo)
S06	11-8	0420	9322	Fri	480 321 60 51326 47410 67766 ... 56186 72030 41040 321 60 00000	USB	(Lac/Subilo)
S06	11-8	0420	9322	Fri	480 321 60 51326 47410 67766 ... 56186 72030 41040 321 60 00000	USB	(Lac/Subilo)
S06	14-8	0400	11616	Mon	480 975 54 93004 96292 06059 ... 46268 94052 58369 975 54 00000	USB	(Lac/Subilo)
S06	14-8	0420	9322	Mon	480 975 54 93004 96292 06059 ... 46268 94052 58369 975 54 00000	USB	(Lac/Subilo)
S06	15-8	0400	11616	Tue	480 621 59 02517 42417 22909 ... 40050 61710 39396 621 59 00000	USB	(Lac/Subilo)
S06	15-8	0420	9322	Tue	480 621 59 02517 42417 22909 ... 40050 61710 39396 621 59 00000	USB	(Lac/Subilo)
S06	16-8	0400	11616	Wed	480 375 60 26293 13082 34771 ... 23078 65444 30192 375 60 00000	UTC	(Subilo)

S06	16-8	0420	9322	Wed	480 375 60 26293 13082 34771 ... 23078 65444 30192 375 60 00000	UTC	(Subilo)
S06	17-8	0400	11616	Thu	480 612 59 17121 01401 56193 ... 90298 63769 05334 612 59 00000	UTC	(Subilo)
S06	17-8	0420	9322	Thu	480 612 59 17121 01401 56193 ... 90298 63769 05334 612 59 00000	UTC	(Subilo)
S06	18-8	0400	11616	Fri	480 793 51 02396 15372 72132 ... 06437 02492 28651 793 51 00000	USB	(Lac/Subilo)
S06	18-8	0420	9322	Fri	480 793 51 02396 15372 72132 ... 06437 02492 28651 793 51 00000	USB	(Lac/Subilo)
S06	18-8	1900	10286	Fri	637 637 637 00000	USB	(AB)
S06	18-8	2000	8037	Fri	637 637 637 00000	USB	(AB)
S06	21-8	0400	11616	Mon	480 152 63 56106 92805 58614 ... 89245 92129 82044 152 63 00000	USB	(Lac/Subilo)
S06	21-8	0420	9322	Mon	480 152 63 56106 92805 58614 ... 89245 92129 82044 152 63 00000	USB	(Lac/Subilo)
S06	22-8	0400	11616	Tue	480 693 51 78050 16841 14702 ... 02926 18396 00946 693 51 00000	USB	(Lac/Subilo)
S06	22-8	0420	9322	Tue	480 693 51 78050 16841 14702 ... 02926 18396 00946 693 51 00000 breakdown, delayed group ID and count, abrupt restart on group 12, delayed 00000	USB	(Lac/Subilo)
S06	23-8	0400	11616	Wed	480 517 62 84143 96961 80127 ... 24297 38987 34901 517 62 00000	USB	(Lac/Subilo)
S06	23-8	0420	9322	Wed	480 517 62 84143 96961 80127 ... 24297 38987 34901 517 62 00000	USB	(Lac/Subilo)
S06	24-8	0406	11616	Thu	480 235 51 93748 39993 77736 ... 65348 55924 36531 235 51 00000 late start	USB	(Lac/Subilo)
S06	24-8	0420	9322	Thu	480 235 51 93748 39993 77736 ... 65348 55924 36531 235 51 00000	USB	(Lac/Subilo)
S06	25-8	0400	11616	Fri	480 367 52 26305 38300 13207 ... 81892 32389 94212 367 52 00000	USB	(Lac/Subilo)
S06	25-8	0420	9322	Fri	480 367 52 26305 38300 13207 ... 81892 32389 94212 367 52 00000	USB	(Lac/Subilo)
S06	28-8	0400	11616	Mon	480 316 52 17316 62939 94385 ... 50112 38183 42372 316 52 00000	USB	(Lac/Subilo)
S06	28-8	0420	9322	Mon	480 316 52 17316 62939 94385 ... 50112 38183 42372 316 52 00000	USB	(Lac/Subilo)
S06	29-8	0400	11616	Tue	480 725 69 21433 18398 58971 ... 16741 45303 06608 725 69 00000	UTC	(Subilo)
S06	29-8	0420	9322	Tue	480 725 69 21433 18398 58971 ... 16741 45303 06608 725 69 00000	UTC	(Subilo)
S06	30-8	0400	11616	Wed	480 931 57 75342 05237 68182 ... 51775 91060 47103 931 57 00000	UTC	(Subilo)
S06	30-8	0420	9322	Wed	480 931 57 75342 05237 68182 ... 51775 91060 47103 931 57 00000	UTC	(Subilo)
S06	31-8	0400	11616	Thu	480 625 70 81140 20088 66182 ... 33961 78504 86556 625 70 00000	UTC	(Subilo)
S06	31-8	0420	9322	Thu	480 625 70 81140 20088 66182 ... 33961 78504 86556 625 70 00000	UTC	(Subilo)
S11a	1-8	0445	9968	Tue	798/00 Konets	USB	(AB/Lac)
S11a	1-8	1400	9448	Tue	424/00 Konets	USB	(AB-POL/MPJ-HNG)
S11a	2-8	0510	13537	Wed	655/00 Konets	USB	(AB-POL)
S11a	2-8	1850	12457	Wed	285/00 Konets	USB	(AB)
S11a	3-8	0445	9968	Thu	793/00 Konets	USB	(AB)
S11a	3-8	0700	9339	Thu	471/00 Konets	USB	(AB)
S11a	4-8	0725	20905	Fri	381/00 Konets	USB	(AB-POL/Lac)
S11a	4-8	0915	6814	Fri	480/00 Konets	USB	(AB/Lac)
S11a	4-8	1400	9448	Fri	420/00 Konets	USB	(AB/Lac)
S11a	5-8	0830	5149	Sat	376/00 Konets	USB	(AB-POL)
S11a	6-8	0830	5149	Sun	379/00 Konets	USB	(AB-POL)
S11a	7-8	0510	13537	Mon	656/00 Konets	USB	(AB/Lac)
S11a	7-8	0700	9339	Mon	472/00 Konets	USB	(AB)
S11a	7-8	0915	6814	Mon	486/00 Konets	USB	(AB)
S11a	8-8	0445	9968	Tue	793/00 Konets	USB	(AB-POL/Lac)
S11a	8-8	1400	9448	Tue	420/00 Konets	USB	(AB/MPJ/Lac)

S11a	9-8	0510	13537	Wed	650/00 Konets	USB	(AB-POL)
S11a	9-8	0725	20905	Wed	387/00 Konets	USB	(AB-POL/Lac)
S11a	9-8	1850	12457	Wed	284/36 Vnimanije 23938 76434 11655 ... 74002 94304 96526 Vnimanije (msg rptd) Konets	USB	(AB/Subilo)
S11a	10-8	0445	9968	Thu	798/00 Konets	USB	(AB)
S11a	10-8	0700	9339	Thu	470/00 Konets	USB	(AB/Lac)
S11a	11-8	0725	20905	Fri	385/00 Konets	USB	(AB-POL)
S11a	11-8	0915	6814	Fri	484/00 Konets	USB	(AB)
S11a	11-8	1400	9448	Fri	427/00 Konets	USB	(AB)
S11a	12-8	0830	5149	Sat	376/00 Konets	USB	(AB-POL)
S11a	12-8	1850	12457	Sat	284/36 Vnimanije 23938 76434 11655 ... 74002 94304 96526 Vnimanije (msg rptd) Konets	USB	(AB/Subilo)
S11a	13-8	0830	5149	Sun	378/00 Konets	USB	(AB-POL)
S11a	14-8	0510	13537	Mon	651/37 Vnimanije 17666 79796 85812 ... 23297 39654 73267 Vnimanije (msg rptd) Konets	USB	(AB/Lac/Subilo)
S11a	14-8	0700	9339	Mon	476/39 Vnimanije 30256 86102 47376 ... 83492 63365 51124 Vnimanije (msg rptd) Konets	USB	(AB/Lac/Subilo)
S11a	14-8	0915	6814	Mon	486/39 Vnimanije 72485 48366 41327 ... 86647 34633 78145 Vnimanije (msg rptd) Konets	USB	(AB/Lac/Subilo)
S11a	15-8	0445	9968	Tue	793/00 Konets	USB	(AB/Lac)
S11a	15-8	1400	9448	Tue	429/38 Vnimanije 60905 61307 04940 ... 94559 57435 69352 Vnimanije (msg rptd) Out	USB	(AB/Lac/Subilo)
S11a	16-8	0510	13537	Wed	651/37 Vnimanije 17666 79796 85812 ... 23297 39654 73267 Vnimanije (msg rptd) Konets	USB	(AB-POL/Subilo)
S11a	16-8	0725	20905	Wed	387/00 Konets	USB	(AB-POL)
S11a	16-8	1850	12457	Wed	281/00 Konets	USB	(AB/MPJ)
S11a	17-8	0445	9968	Thu	791/00 Konets	USB	(AB)
S11a	17-8	0700	9339	Thu	476/39 Vnimanije 30256 86102 47376 ... 83492 63365 51124 Vnimanije (msg rptd) Konets	USB	(AB/Subilo)
S11a	18-8	0725	20905	Fri	382/00 Konets	USB	(AB-POL)
S11a	18-8	0915	6814	Fri	486/39 Vnimanije 72485 48366 41327 ... 86647 34633 78145 Vnimanije (msg rptd) Konets	USB	(AB/Subilo)
S11a	18-8	1400	9448	Fri	429/38 Vnimanije 60905 61307 04940 ... 94559 57435 69352 Vnimanije (msg rptd) Konets	USB	(AB/Subilo)
S11a	19-8	0830	5149	Sat	372/38 Vnimanije 15152 68786 88731 ... 85408 42674 85216 Vnimanije (msg rptd) Konets	USB	(AB-POL)
S11a	19-8	1850	12457	Sat	288/00 Konets	USB	(AB)
S11a	20-8	0830	5149	Sun	372/38 Vnimanije 15152 68786 88731 ... 85408 42674 85216 Vnimanije (msg rptd) Konets	USB	(AB/Subilo)
S11a	21-8	0510	13537	Mon	655/00 Konets	USB	(AB/Lac)
S11a	21-8	0700	9339	Mon	470/00 Konets	USB	(AB/Lac)
S11a	21-8	0915	6814	Mon	481/00 Konets	USB	(AB/Lac)
S11a	22-8	0445	9968	Tue	799/38 Vnimanije 73476 09218 21804 ... 38400 88087 67195 Vnimanije (msg rptd) Konets	USB	(AB/Lac)
S11a	22-8	1400	9448	Tue	424/00 Konets	USB	(AB/Lac)
S11a	23-8	0510	13537	Wed	659/00 Konets	USB	(AB-POL/Lac)
S11a	23-8	0725	20905	Wed	389/35 Vnimanije 61971 70751 02205 ... 96818 53761 11727 Vnimanije (msg rptd) Konets	USB	(AB-POL/Lac)
S11a	23-8	1850	12457	Wed	285/00 Konets	USB	(AB)
S11a	24-8	0445	9968	Thu	799/38 Vnimanije 73476 09218 21804 ... 38400 88087 67195 Vnimanije (msg rptd) Konets	USB	(AB-POL/Lac/Subilo)
S11a	24-8	0700	9339	Thu	471/00 Konets	USB	(AB)
S11a	25-8	0725	20905	Fri	389/35 Vnimanije 61971 70751 02205 ... 96818 53761 11727 Vnimanije (msg rptd) Konets	USB	(AB-POL/Lac/Subilo)
S11a	25-8	0915	6814	Fri	480/00 Konets	USB	(AB-POL)
S11a	25-8	1400	9448	Fri	425/00 Konets	USB	(AB)
S11a	26-8	0830	5149	Sat	379/00 Konets	USB	(AB-POL)
S11a	26-8	1850	12457	Sat	284/00 Konets	USB	(AB)

S11a	27-8	0830	5149	Sun	373/00 Konets	USB	(AB)
S11a	28-8	0510	13537	Mon	651/00 Konets	USB	(AB-POL)
S11a	28-8	0700	9339	Mon	472/00 Konets	USB	(AB)
S11a	28-8	0915	6814	Mon	480/00 Konets	USB	(AB)
S11a	29-8	0445	9968	Tue	796/00 Konets	USB	(AB)
S11a	29-8	1400	9448	Tue	427/00 Konets	USB	(AB)
S11a	30-8	0510	13537	Wed	659/00 Konets	USB	(AB-POL)
S11a	30-8	0725	20905	Wed	387/00 Konets	USB	(AB-POL)
S11a	30-8	1850	12457	Wed	281/00 Konets	USB	(AB)
S11a	31-8	0445	9968	Thu	799/00 Konets	USB	(AB-POL)
S11a	31-8	0700	9339	Thu	479/00 Konets	USB	(AB)
UM04	1-8	0700	4735	Tue	Nothing heard	CW	(Subilo/AB)
UM04	2-8	0700	4735	Wed	VVV PROMRCh = 02 08 = 1000 0790 0820 0910 1330 ... 0800 0740 0770 0880 1210 = AR	CW	(AB-HNG/Subilo)
UM04	3-8	0700	4735	Thu	VVV VVV PROMRCh = 03 08 = 1000 0790 0810 0920 1330 ... 0800 0750 0770 0880 1220 = AR	CW	(AB-HNG/Subilo)
UM04	4-8	0700	4735	Fri	VVVVV PROMRCh = 0408 = 1000 0790 0820 0910 1320 ... 0800 0740 0740 0880 1210 = AR	CW	(AB-HNG/Subilo)
UM04	5-8	0700	4735	Sat	Too weak to copy	CW	(Subilo/AB)
UM04	6-8	0702	4735	Sun	Late start. Restarts. Message at 0707z. VVVVV PROMRCh = 06 08 = 1000 0790 0820 0920 1320 ... 0800 0750 0780 0890 1230 = AR	CW	(AB-HNG/Subilo)
UM04	7-8	0700	4735	Mon	VVV VVV PROMRCh = 07 08 = 1000 0790 0820 0920 1320 ... 0800 0750 0780 0890 1230 = AR	CW	(Subilo/AB)
UM04	8-8	0700	4735	Tue	VVVVV PROMRCh = 0 8 0 8 = 1000 0800 0820 0930 1320 ... 0800 0760 0790 0900 1240 = AR	CW	(AB-HNG/Subilo)
UM04	9-8	0700	4735	Wed	VVVVV PROMRCh = 0908 = 1000 0790 0820 0930 1310 ... 0800 0750 0780 0890 1240 = AR	CW	(AB-HNG/Subilo)
UM04	10-8	0700	4735	Thu	VVVVV PROMRCh = 10 08 = 1000 0790 0810 0920 1310 ... 0800 0740 0770 0890 1230 = AR	CW	(AB-HNG/Subilo)
UM04	11-8	0703	4735	Fri	VVV VVV PROMRCh = 11 08 = 1000 0790 0810 0920 1310 ... 0800 0740 0770 0880 1230 = AR	CW	(AB-HNG/Subilo)
UM04	12-8	0700	4735	Sat	VVV VVV PROMRCh = 12 08 = 1000 0790 0820 0930 1310 ... 0800 0750 0770 0890 1240 = AR	CW	(AB-HNG/Subilo)
UM04	13-8	0700	4735	Sun	VVVVV PROMRCh = 1308 = 1000 0790 0820 0930 1310 ... 0800 0740 0770 0890 1240 = AR	CW	(Subilo/AB)
UM04	14-8	0701	4735	Mon	VVVVV PROMRCh = 14 08 = 1000 0790 0830 0940 1310 ... 0800 0750 0780 0900 1250 = AR	CW	(AB-ROU/Subilo)
UM04	15-8	0705	4735	Tue	VVV VVV PROMRCh = 15 08 = 1000 0800 0830 0940 1300 ... 0800 0750 0780 0900 1250 = AR	CW	(AB-HNG/Subilo)
UM04	16-8	0700	4735	Wed	VVV VVV PROMRCh = 16 08 = 1000 0800 0830 0940 1300 ... 0800 0750 0790 0900 1260 = AR	CW	(AB-HNG/Subilo)
UM04	17-8	0700	4735	Thu	VVVVV PROMRCh = 17 08 = 1000 0810 0840 0950 1310 ... 0800 0760 0790 0910 1270 = AR	CW	(Subilo/AB)
UM04	18-8	0703	4735	Fri	VVV VVV PROMRCh = 18 08 = 1000 0810 0840 0950 1310 ... 0800 0750 0790 0900 1260 = AR	CW	(AB-HNG/Subilo)
UM04	19-8	0700	4735	Sat	VVV VVV PROMRCh = 19 08 = 1000 0820 0840 0950 1310 ... 0800 0750 0790 0900 1260 = AR	CW	(AB-HNG/Subilo)
UM04	20-8	0700	4735	Sun	VVVVV PROMRCh = 20 08 = 1000 0810 0840 0960 1320 ... 0800 0750 0790 0910 1270 = AR	USB	(AB-ROU/Subilo)
UM04	21-8	0701	4735	Mon	VVV VVV PROMRCh = 21 08 = 1000 0810 0840 0910 1320 ... 0800 0750 0790 0910 1270 = AR	CW	(AB-ROU/Subilo)
UM04	22-8	0711	4735	Tue	VVVVV PROMRCh = 22 08 = 1000 0810 0840 0960 1320 ... 0800 0750 0790 0910 1270 = AR. Late start	CW	(AB-HNG/Subilo)
UM04	23-8	0700	4735	Wed	VVV VVV PROMRCh = 23 08 = 1000 0820 0850 0970 1330 ... 0800 0760 0790 0910 1270 = AR	CW	(Subilo/AB)
UM04	24-8	0700	4735	Thu	VVV VVV PROMRCh = 24 08 = 1000 0820 0850 0970 1340 ... 0800 0750 0790 0910 1270 = AR	CW	(AB-ROU/Subilo)
UM04	25-8	0700	4735	Fri	VVV VVV PROMRCh = 25 08 = 1000 0820 0860 0970 1340 ... 0800 0750 0790 0910 1270 = AR	CW	(AB-HNG/Subilo)
UM04	26-8	0700	4735	Sat	VVV VVV PROMRCh = 2608 = 1000 0830 0870 0980 1350 ... 0800 0760 0800 0920 1280 = AR	CW	(AB-ROU/Subilo)
UM04	27-8	0700	4735	Sun	VVVVV PROMRCh = 27 08 = 1000 0830 0860 0970 1340 ... 0800 0760 0790 0910 1280 = AR	USB	(AB-HNG/Subilo)
UM04	28-8	0700	4735	Mon	VVV VVV PROMRCh = 28 08 = 1000 0830 0870 0980 1350 ... 0800 0760 0800 0910 1280 = AR	CW	(AB-HNG/Subilo)
UM04	29-8	0659	4735	Tue	VVV VVV PROMRCh = 29 08 = 1000 0840 0870 0980 1350 ... 0800 0760 0800 0910 1280 = AR	CW	(AB-ROU/Subilo)

UM04	30-8	0700	4735	Wed	VVVVV PROMRCh = 3008 = 1000 0840 0870 0980 1340 ... 0800 0760 7790 0910 1280 = AR	CW	(AB-HNG/Subilo)
UM04	31-8	0700	4735	Thu	VVVVV PROMRCh = 31 08 = 1000 0830 0860 0980 1340 ... 0800 0760 0790 0910 1270 = AR	CW	(AB-ROU/Subilo)
UM10	11-8	1728	3287	Fri	10-minutes net: LEQA	CW	(JPL-RUS)
UM10	11-8	1734	4075	Fri	10-minutes net: EM4X	CW	(JPL-RUS)
V07	13-8	0700	13408	Sun	425 425 425 1 105 116 105 116 84656 99473 28598 ... 04893 38161 000 000	USB	(AB-J/Dan/HFD-USA)
V07	13-8	0720	12208	Sun	425 425 425 1 105 116 105 116 84656 99473 28598 ... 04893 38161 000 000	USB	(HFD-USA)
V07	13-8	0740	11508	Sun	425 425 425 1 105 116 105 116 84656 99473 28598 ... 04893 38161 000 000	USB	(HFD-USA)
V07	20-8	0700	13408	Sun	425 425 425 1 7800 114 7800 114 92103 80826 27754 ... 69975 06861 08672 000 000	USB	(AB-J/Dan)
V07	20-8	0720	12208	Sun	425 425 425 1 7800 114 7800 114 92103 80826 27754 ... 69975 06861 08672 000 000	USB	(AB-J)
V07	20-8	0740	11508	Sun	425 425 425 1 7800 114 7800 114 92103 80826 27754 ... 69975 06861 08672 000 000	USB	(AB-J)
V07	27-8	0700	13408	Sun	425 425 425 1 404 73 404 73 07289 75361 73701 ... 34143 56820 84164 000 000	USB	(AB-J/Dan)
V07	27-8	0720	12208	Sun	425 425 425 1 404 73 404 73 07289 75361 73701 ... 34143 56820 84164 000 000	USB	(AB-J)
V07	27-8	0740	11508	Sun	425 425 425 1 404 73 404 73 07289 75361 73701 ... 34143 56820 84164 000 000	USB	(AB-J)
V13	31-8	1200	13974	Thu	New Star Broadcasting	USB	(AB-TWN)
V26	6-8	1150	8073	Sun	Telegram No. 0599 / Group count 211 / unknown 35 / Date 0806 / Beijing time 1555 006 326 319 327 012 773 ...	USB	(VSh)
V26	11-8	1140	4243	Fri	XSV85: callup in Chinese voice //9054	USB	(JPL)
V26	11-8	1140	9054	Fri	XSV85: callup in Chinese voice //4243	USB	(JPL)
V26	31-8	1140	4243	Thu	Callup in Chinese voice //9054	USB	(JPL)
V26	31-8	1140	9054	Thu	Callup in Chinese voice //4243	USB	(JPL)
VC03	10-8	1305	6666	Thu	i.p. 0306 6478 4976 8521 ... 0435 6519 8034 Two pages are completed, three pages will be sent 6293 7014 3106 ... 0698 5723 4160 (Over)	USB	(VSh)
X06	1-8	0804	11462	Tue	MFA Moscow clg 165423: Russian embassy Brussels	MFSK-6	(AB)
X06	3-8	0736	15973	Thu	MFA Moscow clg 162543: Russian embassy Nicosia	MFSK-6	(RO)
X06	3-8	0948	18197	Thu	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(Moon)
X06	3-8	1354	16277	Thu	MFA Moscow clg 436512: Russian embassy Harare	MFSK-6	(RO)
X06	3-8	1359	18575	Thu	MFA Moscow clg 352416: Russian embassy Dar es Salaam	MFSK-6	(RO)
X06	7-8	0657	11638	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(RO)
X06	7-8	0741	12152	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(RO)
X06	7-8	0742	11562	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(RO)
X06	7-8	0924	20675	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(AB/RO)
X06	8-8	0822	14861	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(AB/RO/RXR)
X06	8-8	0830	13420	Tue	MFA Moscow clg 534216: Russian embassy Baghdad	MFSK-6	(AB/RO)
X06	8-8	1015	17470	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(AB/RXR)
X06	8-8	1016	14675	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(AB/RXR)
X06	9-8	0725	20950	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(Lac)
X06	9-8	0726	20950	Wed	MFA Moscow clg 435621: Russian embassy Maputo	MFSK-6	(AB/RO)
X06	9-8	0749	18177	Wed	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(AB/RO)
X06	9-8	0752	11483	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(AB/RO)
X06	9-8	0757	11153	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(AB/RO)
X06	9-8	0808	14812	Wed	MFA Moscow clg 263145: Russian embassy Prague	MFSK-6	(AB/RO)

X06	10-8	0835	16153	Thu	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(AB/RO)
X06	13-8	1044	12114	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(RO)
X06	13-8	1048	14414	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(RO/Moon)
X06	14-8	0827	17475	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(AB/RO)
X06	14-8	0828	17422	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(AB)
X06	14-8	0927	13517	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(AB/RO)
X06	14-8	1244	10452	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(RO)
X06	15-8	0854	13401	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(RO)
X06	15-8	1210	16188	Tue	MFA Moscow clg 325614: Russian embassy Nairobi	MFSK-6	(AB/RO)
X06	15-8	1755	17421	Tue	MFA Moscow clg 246531: Russian embassy Accra	MFSK-6	(RO/T101)
X06	16-8	1235	18245	Wed	MFA Moscow clg 231654: Russian embassy Abuja	MFSK-6	(RO)
X06	17-8	0745	19405	Thu	MFA Moscow clg 352416: Russian embassy Dar es Salaam	MFSK-6	(RO)
X06	17-8	0758	17534	Thu	MFA Moscow clg 351264: Russian embassy Abu Dhabi	MFSK-6	(AB/RO)
X06	17-8	0923	18197	Thu	MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City	MFSK-6	(AB/RO)
X06	17-8	1322	20627	Thu	MFA Moscow clg 436512: Russian embassy Harare	MFSK-6	(Moon)
X06	18-8	1009	13954	Fri	MFA Moscow clg 213546: Russian embassy Islamabad	MFSK-6	(AB/RO)
X06	18-8	1022	14824	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB/RO)
X06	18-8	1032	11430	Fri	MFA Moscow clg 213546: Russian embassy Islamabad	MFSK-6	(AB)
X06	20-8	0736	14595	Sun	MFA Moscow clg 452163: Russian embassy Kabul	MFSK-6	(RO)
X06	20-8	0807	12160	Sun	Russian diplo	MFSK-66	(RO)
X06	21-8	0727	12152	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(AB)
X06	21-8	0730	12152	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(Lac)
X06	21-8	0816	11438	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(AB/RO)
X06	21-8	0921	20675	Mon	MFA Moscow clg 641523: Russian embassy Lusaka	MFSK-6	(RO)
X06	22-8	0823	17523	Tue	MFA Moscow clg 542136: Russian embassy Beijing	MFSK-6	(AB/RO)
X06	22-8	1004	13510	Tue	MFA Moscow clg 612534: Russian embassy Ashgabat	MFSK-6	(AB/Moon)
X06	22-8	1037	20813	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(Moon)
X06	23-8	0730	11483	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(RXR)
X06	23-8	0750	18177	Wed	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(RXR)
X06	23-8	0759	13419	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(RXR)
X06	23-8	0803	14812	Wed	MFA Moscow clg 263145: Russian embassy Prague	MFSK-6	(RXR)
X06	24-8	0704	13854	Thu	MFA Moscow clg 521634: Russian embassy Bucharest	MFSK-6	(AB/RO)
X06	25-8	0502	13510	Fri	MFA Moscow clg 216435: Russian embassy Dhaka	MFSK-6	(AB/RO)
X06	25-8	1000	15828	Fri	MFA Moscow clg 256134: Russian embassy Abidjan	MFSK-6	(AB)
X06	27-8	1053	14414	Sun	MFA Moscow clg 145632: Russian embassy Algiers	MFSK-6	(Moon)
X06	28-8	0827	17475	Mon	MFA Moscow clg 156234 rando_one X06 to Kampala	MFSK-6	(RO)
X06	28-8	0932	16117	Mon	MFA Moscow clg 463125 Russian embassy Rabat	MFSK-6	(AB/RO)
XPA1	2-8	1210	13491	Wed	416 416 416 000 03170 00001 00000 31662	MFSK-20/10Bd	(AB)
XPA1	2-8	1230	12191	Wed	416 416 416 000 03170 00001 00000 31662	MFSK-20/10Bd	(AB)
XPA1	2-8	1250	10691	Wed	416 416 416 000 03170 00001 00000 31662	MFSK-20/10Bd	(AB)
XPA1	4-8	1210	13491	Fri	416 416 416 000 03065 00001 00000 33661	MFSK-20/10Bd	(AB/HFD)
XPA1	4-8	1230	12191	Fri	416 416 416 000 03065 00001 00000 33661	MFSK-20/10Bd	(AB/HFD)

XPA1	4-8	1250	10691	Fri	416 416 416 000 03065 00001 00000 33661	MFSK-20/10Bd	(AB/HFD)
XPA1	9-8	1210	13491	Wed	416 416 416 000 08696 00001 00000 37271	MFSK-20/10Bd	(AB)
XPA1	9-8	1230	12191	Wed	416 416 416 000 08696 00001 00000 37271	MFSK-20/10Bd	(AB)
XPA1	9-8	1250	10691	Wed	416 416 416 000 08696 00001 00000 37271	MFSK-20/10Bd	(AB)
XPA1	11-8	1210	13491	Fri	416 416 416 000 06500 00001 00000 33656	MFSK-20/10Bd	(AB/MPJ)
XPA1	11-8	1230	12191	Fri	416 416 416 000 06500 00001 00000 33656	MFSK-20/10Bd	(AB/MPJ)
XPA1	11-8	1250	10691	Fri	416 416 416 000 06500 00001 00000 33656	MFSK-20/10Bd	(AB/MPJ)
XPA1	16-8	1210	13491	Wed	416 416 416 000 06232 00001 00000 33261	MFSK-20/10Bd	(AB)
XPA1	16-8	1230	12191	Wed	416 416 416 000 06232 00001 00000 33261	MFSK-20/10Bd	(AB)
XPA1	16-8	1250	10691	Wed	416 416 416 000 06232 00001 00000 33261	MFSK-20/10Bd	(AB)
XPA1	18-8	1210	13491	Fri	416 416 416 000 02600 00001 00000 34252	MFSK-20/10Bd	(AB/MPJ)
XPA1	18-8	1230	12191	Fri	416 416 416 000 02600 00001 00000 34252	MFSK-20/10Bd	(AB/MPJ)
XPA1	18-8	1250	10691	Fri	416 416 416 000 02600 00001 00000 34252	MFSK-20/10Bd	(AB/MPJ)
XPA1	23-8	1210	13491	Wed	416 416 416 1 04640 00100 48430 ... 88500 10176 45141	MFSK-20/10Bd	(AB)
XPA1	23-8	1230	12191	Wed	416 416 416 1 04640 00100 48430 ... 88500 10176 45141	MFSK-20/10Bd	(AB)
XPA1	23-8	1250	10691	Wed	416 416 416 1 04640 00100 48430 ... 88500 10176 45141	MFSK-20/10Bd	(AB)
XPA1	25-8	1210	13491	Fri	416 416 416 1 04640 00100 48430 ... 88500 10176 45141	MFSK-20/10Bd	(AB/MPJ)
XPA1	25-8	1230	12191	Fri	416 416 416 1 04640 00100 48430 ... 88500 10176 45141	MFSK-20/10Bd	(AB/MPJ)
XPA1	25-8	1250	10691	Fri	416 416 416 1 04640 00100 48430 ... 88500 10176 45141	MFSK-20/10Bd	(AB/MPJ)
XPA1	30-8	1210	13491	Wed	416 416 416 1 04640 00100 48430 ... 88500 10176 45141	MFSK-20/10Bd	(AB/MPJ)
XPA1	30-8	1230	12191	Wed	416 416 416 1 04640 00100 48430 ... 88500 10176 45141	MFSK-20/10Bd	(AB/MPJ)
XPA1	30-8	1250	10691	Wed	416 416 416 1 04640 00100 48430 ... 88500 10176 45141	MFSK-20/10Bd	(AB/MPJ)
XPA2	1-8	0500	10252	Tue	00288 00087 20759 ... 68936 24877 43767	MFSK-16/20Bd	(AB)
XPA2	1-8	0520	11152	Tue	00288 00087 20759 ... 68936 24877 43767	MFSK-16/20Bd	(AB)
XPA2	1-8	0540	12152	Tue	00288 00087 20759 ... 68936 24877 43767	MFSK-16/20Bd	(AB)
XPA2	1-8	1100	13887	Tue	01178 00001 00000 35660	MFSK-16	(AB/MPJ-HNG/HFD)
XPA2	1-8	1120	12187	Tue	01178 00001 00000 35660	MFSK-16	(AB/MPJ-HNG/HFD)
XPA2	1-8	1140	10387	Tue	01178 00001 00000 35660	MFSK-16	(AB/MPJ-HNG/HFD)
XPA2	1-8	1600	14864	Tue	03525 00235 56189 ... 37430 99598 53640	MFSK-16	(AB/MPJ/HFD)
XPA2	1-8	1620	14364	Tue	03525 00235 56189 ... 37430 99598 53640	MFSK-16	(AB/MPJ/HFD)
XPA2	1-8	1640	13464	Tue	03525 00235 56189 ... 37430 99598 53640	MFSK-16	(AB/MPJ/HFD)
XPA2	1-8	2100	12159	Tue	00346 00095 21106 ... 89752 04391 23307	MFSK-16/20Bd	(AB)
XPA2	1-8	2120	11559	Tue	00346 00095 21106 ... 89752 04391 23307	MFSK-16/20Bd	(AB)
XPA2	1-8	2140	10559	Tue	00346 00095 21106 ... 89752 04391 23307	MFSK-16/20Bd	(AB)
XPA2	2-8	0700	12152	Wed	06677 00001 00000 37665	MFSK-16/20Bd	(AB)
XPA2	2-8	0720	13552	Wed	06677 00001 00000 37665	MFSK-16/20Bd	(AB)
XPA2	2-8	0740	13952	Wed	06677 00001 00000 37665	MFSK-16/20Bd	(AB)
XPA2	2-8	0910	18059	Wed	05284 00114 65011 ... 39533 93133 43604	MFSK-16/20Bd	(AB/HFD)
XPA2	2-8	0930	16093	Wed	05284 00114 65011 ... 39533 93133 43604	MFSK-16/20Bd	(AB/HFD)
XPA2	2-8	0950	14874	Wed	05284 00114 65011 ... 39533 93133 43604	MFSK-16/20Bd	(AB/HFD)
XPA2	2-8	1100	16264	Wed	06695 00098 92892 ... 82289 83886 17602	MFSK-16/20Bd	(AB/HFD)

XPA2	2-8	1120	15864	Wed	06695 00098 92892 ... 82289 83886 17602	MFSK-16/20Bd	(AB/HFD)
XPA2	2-8	1140	14864	Wed	06695 00098 92892 ... 82289 83886 17602	MFSK-16/20Bd	(AB/HFD)
XPA2	2-8	1800	15884	Wed	00622 00112 82618 ... 97600 86222 56306	MFSK-16/20Bd	(AB/HFD)
XPA2	2-8	1820	14684	Wed	00622 00112 82618 ... 97600 86222 56306	MFSK-16/20Bd	(AB/HFD)
XPA2	2-8	1840	13484	Wed	00622 00112 82618 ... 97600 86222 56306	MFSK-16/20Bd	(AB/HFD)
XPA2	3-8	0500	10252	Thu	00288 00087 20759 ... 68936 24877 43767	MFSK-16/20Bd	(AB)
XPA2	3-8	0520	11152	Thu	00288 00087 20759 ... 68936 24877 43767	MFSK-16/20Bd	(AB)
XPA2	3-8	0540	12152	Thu	00288 00087 20759 ... 68936 24877 43767	MFSK-16/20Bd	(AB)
XPA2	3-8	0910	14372	Thu	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB/HFD)
XPA2	3-8	0930	13372	Thu	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB/HFD)
XPA2	3-8	0950	12172	Thu	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB/HFD)
XPA2	3-8	1100	16264	Thu	06695 00098 92892 ... 82289 83886 17602	MFSK-16/20Bd	(AB/MPJ)
XPA2	3-8	1120	15864	Thu	06695 00098 92892 ... 82289 83886 17602	MFSK-16/20Bd	(AB/MPJ)
XPA2	3-8	1140	14864	Thu	06695 00098 92892 ... 82289 83886 17602	MFSK-16/20Bd	(AB/MPJ)
XPA2	3-8	1600	14864	Thu	03525 00235 56189 ... 37430 99598 53640	MFSK-16	(AB)
XPA2	3-8	1620	14364	Thu	03525 00235 56189 ... 37430 99598 53640	MFSK-16	(AB)
XPA2	3-8	1640	13464	Thu	03525 00235 56189 ... 37430 99598 53640	MFSK-16	(AB)
XPA2	4-8	0800	13962	Fri	08763 00001 00000 36266	MFSK-16/20Bd	(AB)
XPA2	4-8	0820	14862	Fri	08763 00001 00000 36266	MFSK-16/20Bd	(AB)
XPA2	4-8	0840	15962	Fri	08763 00001 00000 36266	MFSK-16/20Bd	(AB)
XPA2	4-8	1100	13887	Fri	03083 00001 00000 32663	MFSK-16	(AB)
XPA2	4-8	1120	12187	Fri	03083 00001 00000 32663	MFSK-16	(AB)
XPA2	4-8	1140	10387	Fri	03083 00001 00000 32663	MFSK-16	(AB)
XPA2	4-8	1800	15884	Fri	00622 00112 82618 ... 97600 86222 56306	MFSK-16/20Bd	(AB)
XPA2	4-8	1820	14684	Fri	00622 00112 82618 ... 97600 86222 56306	MFSK-16/20Bd	(AB)
XPA2	4-8	1840	13484	Fri	00622 00112 82618 ... 97600 86222 56306	MFSK-16/20Bd	(AB)
XPA2	5-8	0910	14372	Sat	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB)
XPA2	5-8	0930	13372	Sat	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB)
XPA2	5-8	0950	12172	Sat	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB)
XPA2	5-8	1500	13825	Sat	02114 00255 71431 ... 27706 75162 76050	MFSK-16/20Bd	(AB/HFD)
XPA2	5-8	1520	12125	Sat	02114 00255 71431 ... 27706 75162 76050	MFSK-16/20Bd	(AB/HFD)
XPA2	5-8	1540	11025	Sat	02114 00255 71431 ... 27706 75162 76050	MFSK-16/20Bd	(AB/HFD)
XPA2	6-8	0800	13962	Sun	01159 00001 00000 36256	MFSK-16/20Bd	(AB/HFD)
XPA2	6-8	0820	14862	Sun	01159 00001 00000 36256	MFSK-16/20Bd	(AB/HFD)
XPA2	6-8	0840	15962	Sun	01159 00001 00000 36256	MFSK-16/20Bd	(AB/HFD)
XPA2	6-8	2100	12159	Sun	00346 00095 21106 ... 89752 04391 23307	MFSK-16/20Bd	(AB)
XPA2	6-8	2120	11559	Sun	00346 00095 21106 ... 89752 04391 23307	MFSK-16/20Bd	(AB)
XPA2	6-8	2140	10559	Sun	00346 00095 21106 ... 89752 04391 23307	MFSK-16/20Bd	(AB)
XPA2	7-8	0700	12152	Mon	04949 00001 00000 42260	MFSK-16/20Bd	(AB)
XPA2	7-8	0720	13552	Mon	04949 00001 00000 42260	MFSK-16/20Bd	(AB)
XPA2	7-8	0740	13952	Mon	04949 00001 00000 42260	MFSK-16/20Bd	(AB)
XPA2	7-8	0910	18059	Mon	05284 00114 65011 ... 39533 93133 43604	MFSK-16/20Bd	(AB)

XPA2	7-8	0930	16093	Mon	05284 00114 65011 ... 39533 93133 43604	MFSK-16/20Bd	(AB)
XPA2	7-8	0950	14874	Mon	05284 00114 65011 ... 39533 93133 43604	MFSK-16/20Bd	(AB)
XPA2	7-8	1500	13825	Mon	01112 00001 00000 32652	MFSK-16/20Bd	(AB/MPJ)
XPA2	7-8	1520	12125	Mon	01112 00001 00000 32652	MFSK-16/20Bd	(AB/MPJ)
XPA2	7-8	1540	11025	Mon	01112 00001 00000 32652	MFSK-16/20Bd	(AB/MPJ)
XPA2	8-8	0500	10252	Tue	02828 00001 00000 41254	MFSK-16/20Bd	(AB)
XPA2	8-8	0520	11152	Tue	02828 00001 00000 41254	MFSK-16/20Bd	(AB)
XPA2	8-8	0540	12152	Tue	02828 00001 00000 41254	MFSK-16/20Bd	(AB)
XPA2	8-8	1100	13887	Tue	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB/MPJ)
XPA2	8-8	1120	12187	Tue	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB/MPJ)
XPA2	8-8	1140	10387	Tue	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB/MPJ)
XPA2	8-8	1600	14864	Tue	03306 00001 00000 35653	MFSK-16	(AB/MPJ)
XPA2	8-8	1620	14364	Tue	03306 00001 00000 35653	MFSK-16	(AB/MPJ)
XPA2	8-8	1640	13464	Tue	03306 00001 00000 35653	MFSK-16	(AB/MPJ)
XPA2	8-8	2100	12159	Tue	07300 00001 00000 32657	MFSK-16/20Bd	(AB)
XPA2	8-8	2120	11559	Tue	07300 00001 00000 32657	MFSK-16/20Bd	(AB)
XPA2	8-8	2140	10559	Tue	07300 00001 00000 32657	MFSK-16/20Bd	(AB)
XPA2	9-8	0700	12152	Wed	09535 00001 00000 36264	MFSK-16/20Bd	(AB)
XPA2	9-8	0720	13552	Wed	09535 00001 00000 36264	MFSK-16/20Bd	(AB)
XPA2	9-8	0740	13952	Wed	09535 00001 00000 36264	MFSK-16/20Bd	(AB)
XPA2	9-8	0910	18059	Wed	05284 00114 65011 ... 39533 93133 43604	MFSK-16/20Bd	(AB)
XPA2	9-8	0930	16093	Wed	05284 00114 65011 ... 39533 93133 43604	MFSK-16/20Bd	(AB)
XPA2	9-8	0950	14874	Wed	05284 00114 65011 ... 39533 93133 43604	MFSK-16/20Bd	(AB)
XPA2	9-8	1100	16264	Wed	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	9-8	1120	15864	Wed	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	9-8	1140	14864	Wed	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	9-8	1800	15884	Wed	05593 00105 79712 ... 58078 55943 02006	MFSK-16/20Bd	(AB)
XPA2	9-8	1820	14684	Wed	05593 00105 79712 ... 58078 55943 02006	MFSK-16/20Bd	(AB)
XPA2	9-8	1840	13484	Wed	05593 00105 79712 ... 58078 55943 02006	MFSK-16/20Bd	(AB)
XPA2	10-8	0500	10252	Thu	04938 00001 00000 41657	MFSK-16/20Bd	(AB)
XPA2	10-8	0520	11152	Thu	04938 00001 00000 41657	MFSK-16/20Bd	(AB)
XPA2	10-8	0540	12152	Thu	04938 00001 00000 41657	MFSK-16/20Bd	(AB)
XPA2	10-8	0910	14372	Thu	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB)
XPA2	10-8	0930	13372	Thu	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB)
XPA2	10-8	0950	12172	Thu	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB)
XPA2	10-8	1100	16264	Thu	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	10-8	1120	15864	Thu	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	10-8	1140	14864	Thu	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	10-8	1600	14864	Thu	01225 00001 00000 35243	MFSK-16	(AB)
XPA2	10-8	1620	14364	Thu	01225 00001 00000 35243	MFSK-16	(AB)
XPA2	10-8	1640	13464	Thu	01225 00001 00000 35243	MFSK-16	(AB)
XPA2	11-8	0800	13962	Fri	06468 00163 79022 ... 76758 52579 32673	MFSK-16/20Bd	(AB)

XPA2	11-8	0820	14862	Fri	06468 00163 79022 ... 76758 52579 32673	MFSK-16/20Bd	(AB)
XPA2	11-8	0840	15962	Fri	06468 00163 79022 ... 76758 52579 32673	MFSK-16/20Bd	(AB)
XPA2	11-8	1100	13887	Fri	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB/MPJ)
XPA2	11-8	1120	12187	Fri	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB/MPJ)
XPA2	11-8	1140	10387	Fri	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB/MPJ)
XPA2	11-8	1800	15884	Fri	05593 00105 79712 ... 58078 55943 02006	MFSK-16/20Bd	(AB)
XPA2	11-8	1820	14684	Fri	05593 00105 79712 ... 58078 55943 02006	MFSK-16/20Bd	(AB)
XPA2	11-8	1840	13484	Fri	05593 00105 79712 ... 58078 55943 02006	MFSK-16/20Bd	(AB)
XPA2	12-8	0910	14372	Sat	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB)
XPA2	12-8	0930	13372	Sat	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB)
XPA2	12-8	0950	12172	Sat	07665 00078 29500 ... 00383 78635 00433	MFSK-16/20Bd	(AB)
XPA2	12-8	1500	13825	Sat	09554 00001 00000 35666	MFSK-16/20Bd	(AB)
XPA2	12-8	1520	12125	Sat	09554 00001 00000 35666	MFSK-16/20Bd	(AB)
XPA2	12-8	1540	11025	Sat	09554 00001 00000 35666	MFSK-16/20Bd	(AB)
XPA2	13-8	0800	13962	Sun	06468 00163 79022 ... 76758 52579 32673	MFSK-16/20Bd	(AB)
XPA2	13-8	0820	14862	Sun	06468 00163 79022 ... 76758 52579 32673	MFSK-16/20Bd	(AB)
XPA2	13-8	0840	15962	Sun	06468 00163 79022 ... 76758 52579 32673	MFSK-16/20Bd	(AB)
XPA2	13-8	2100	12159	Sun	08996 00001 00000 40671	MFSK-16/20Bd	(AB/HFD)
XPA2	13-8	2120	11559	Sun	08996 00001 00000 40671	MFSK-16/20Bd	(AB/HFD)
XPA2	13-8	2140	10559	Sun	08996 00001 00000 40671	MFSK-16/20Bd	(AB/HFD)
XPA2	14-8	0700	12152	Mon	04787 00001 00000 40264	MFSK-16/20Bd	(AB/HFD)
XPA2	14-8	0720	13552	Mon	04787 00001 00000 40264	MFSK-16/20Bd	(AB/HFD)
XPA2	14-8	0740	13952	Mon	04787 00001 00000 40264	MFSK-16/20Bd	(AB/HFD)
XPA2	14-8	0910	18059	Mon	06519 00001 00000 40257	MFSK-16/20Bd	(AB)
XPA2	14-8	0930	16093	Mon	06519 00001 00000 40257	MFSK-16/20Bd	(AB)
XPA2	14-8	0950	14874	Mon	06519 00001 00000 40257	MFSK-16/20Bd	(AB)
XPA2	14-8	1500	13825	Mon	01835 00180 82443 ... 87730 86359 50105	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-8	1520	12125	Mon	01835 00180 82443 ... 87730 86359 50105	MFSK-16/20Bd	(AB/MPJ)
XPA2	14-8	1540	11025	Mon	01835 00180 82443 ... 87730 86359 50105	MFSK-16/20Bd	(AB/MPJ)
XPA2	15-8	0500	10252	Tue	00628 00081 70317 ... 36976 34432 17334	MFSK-16/20Bd	(AB)
XPA2	15-8	0520	11152	Tue	00628 00081 70317 ... 36976 34432 17334	MFSK-16/20Bd	(AB)
XPA2	15-8	0540	12152	Tue	00628 00081 70317 ... 36976 34432 17334	MFSK-16/20Bd	(AB)
XPA2	15-8	1100	13887	Tue	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB/MPJ)
XPA2	15-8	1120	12187	Tue	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB/MPJ)
XPA2	15-8	1140	10387	Tue	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB/MPJ)
XPA2	15-8	1600	14864	Tue	07872 00230 24593 ... 05197 83311 63041	MFSK-16	(AB)
XPA2	15-8	1620	14364	Tue	07872 00230 24593 ... 05197 83311 63041	MFSK-16	(AB)
XPA2	15-8	1640	13464	Tue	07872 00230 24593 ... 05197 83311 63041	MFSK-16	(AB)
XPA2	15-8	2100	12159	Tue	06051 00072 48506 ... 26582 21169 54027	MFSK-16/20Bd	(AB)
XPA2	15-8	2120	11559	Tue	06051 00072 48506 ... 26582 21169 54027	MFSK-16/20Bd	(AB)
XPA2	15-8	2140	10559	Tue	06051 00072 48506 ... 26582 21169 54027	MFSK-16/20Bd	(AB)
XPA2	16-8	0700	12152	Wed	07704 00001 00000 36657	MFSK-16/20Bd	(AB)

XPA2	16-8	0720	13552	Wed	07704 00001 00000 36657	MFSK-16/20Bd	(AB)
XPA2	16-8	0740	13952	Wed	07704 00001 00000 36657	MFSK-16/20Bd	(AB)
XPA2	16-8	0910	18059	Wed	09992 00001 00000 36672	MFSK-16/20Bd	(AB)
XPA2	16-8	0930	16093	Wed	09992 00001 00000 36672	MFSK-16/20Bd	(AB)
XPA2	16-8	0950	14874	Wed	09992 00001 00000 36672	MFSK-16/20Bd	(AB)
XPA2	16-8	1100	16264	Wed	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	16-8	1120	15864	Wed	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	16-8	1140	14864	Wed	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	16-8	1800	15884	Wed	09082 00001 00000 32271	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-8	1820	14684	Wed	09082 00001 00000 32271	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-8	1840	13484	Wed	09082 00001 00000 32271	MFSK-16/20Bd	(AB/MPJ)
XPA2	17-8	0500	10252	Thu	00628 00081 70317 ... 36976 34432 17334	MFSK-16/20Bd	(AB)
XPA2	17-8	0520	11152	Thu	00628 00081 70317 ... 36976 34432 17334	MFSK-16/20Bd	(AB)
XPA2	17-8	0540	12152	Thu	00628 00081 70317 ... 36976 34432 17334	MFSK-16/20Bd	(AB)
XPA2	17-8	0910	14372	Thu	01690 00001 00000 34262	MFSK-16/20Bd	(AB)
XPA2	17-8	0930	13372	Thu	01690 00001 00000 34262	MFSK-16/20Bd	(AB)
XPA2	17-8	0950	12172	Thu	01690 00001 00000 34262	MFSK-16/20Bd	(AB)
XPA2	17-8	1100	16264	Thu	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	17-8	1120	15864	Thu	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	17-8	1140	14864	Thu	00568 00066 54449 ... 40358 25857 62340	MFSK-16/20Bd	(AB)
XPA2	17-8	1600	14864	Thu	07872 00230 24593 ... 05197 83311 63041	MFSK-16	(AB)
XPA2	17-8	1620	14364	Thu	07872 00230 24593 ... 05197 83311 63041	MFSK-16	(AB)
XPA2	17-8	1640	13464	Thu	07872 00230 24593 ... 05197 83311 63041	MFSK-16	(AB)
XPA2	18-8	0800	13962	Fri	09215 00117 37060 ... 30757 00005 40055	MFSK-16/20Bd	(AB)
XPA2	18-8	0820	14862	Fri	09215 00117 37060 ... 30757 00005 40055	MFSK-16/20Bd	(AB)
XPA2	18-8	0840	15962	Fri	09215 00117 37060 ... 30757 00005 40055	MFSK-16/20Bd	(AB)
XPA2	18-8	1100	13887	Fri	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB)
XPA2	18-8	1120	12187	Fri	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB)
XPA2	18-8	1140	10387	Fri	04014 00109 85977 ... 96323 69024 26240	MFSK-16	(AB)
XPA2	18-8	1800	15884	Fri	01963 00001 00000 37257	MFSK-16/20Bd	(AB)
XPA2	18-8	1820	14684	Fri	01963 00001 00000 37257	MFSK-16/20Bd	(AB)
XPA2	18-8	1840	13484	Fri	01963 00001 00000 37257	MFSK-16/20Bd	(AB)
XPA2	19-8	0910	14372	Sat	09662 00001 00000 35667	MFSK-16/20Bd	(AB)
XPA2	19-8	0930	13372	Sat	09662 00001 00000 35667	MFSK-16/20Bd	(AB)
XPA2	19-8	0950	12172	Sat	09662 00001 00000 35667	MFSK-16/20Bd	(AB)
XPA2	19-8	1500	13825	Sat	01835 00180 82443 ... 87730 86359 50105	MFSK-16/20Bd	(AB)
XPA2	19-8	1520	12125	Sat	01835 00180 82443 ... 87730 86359 50105	MFSK-16/20Bd	(AB)
XPA2	19-8	1540	11025	Sat	01835 00180 82443 ... 87730 86359 50105	MFSK-16/20Bd	(AB)
XPA2	20-8	0800	13962	Sun	09215 00117 37060 ... 30757 00005 40055	MFSK-16/20Bd	(AB)
XPA2	20-8	0820	14862	Sun	09215 00117 37060 ... 30757 00005 40055	MFSK-16/20Bd	(AB)
XPA2	20-8	0840	15962	Sun	09215 00117 37060 ... 30757 00005 40055	MFSK-16/20Bd	(AB)
XPA2	20-8	2100	12159	Sun	06051 00072 48506 ... 26582 21169 54027	MFSK-16/20Bd	(AB)

XPA2	20-8	2120	11559	Sun	06051 00072 48506 ... 26582 21169 54027	MFSK-16/20Bd	(AB/RL)
XPA2	20-8	2140	10559	Sun	06051 00072 48506 ... 26582 21169 54027	MFSK-16/20Bd	(AB)
XPA2	21-8	0700	12152	Mon	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	21-8	0720	13552	Mon	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	21-8	0740	13952	Mon	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	21-8	0910	18059	Mon	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	21-8	0930	16093	Mon	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	21-8	0950	14874	Mon	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	21-8	1500	13825	Mon	04255 00001 00000 34661	MFSK-16/20Bd	(AB/MPJ)
XPA2	21-8	1520	12125	Mon	04255 00001 00000 34661	MFSK-16/20Bd	(AB/MPJ)
XPA2	21-8	1540	11025	Mon	04255 00001 00000 34661	MFSK-16/20Bd	(AB/MPJ)
XPA2	22-8	0500	10252	Tue	01002 00001 00000 22551	MFSK-16/20Bd	(AB)
XPA2	22-8	0520	11152	Tue	01002 00001 00000 22551	MFSK-16/20Bd	(AB)
XPA2	22-8	0540	12152	Tue	01002 00001 00000 22551	MFSK-16/20Bd	(AB)
XPA2	22-8	1100	13887	Tue	05764 00001 00000 36663	MFSK-16	(AB)
XPA2	22-8	1120	12187	Tue	05764 00001 00000 36663	MFSK-16	(AB)
XPA2	22-8	1140	10387	Tue	05764 00001 00000 36663	MFSK-16	(AB)
XPA2	22-8	1600	14864	Tue	04997 00001 00000 41255	MFSK-16	(AB)
XPA2	22-8	1620	14364	Tue	04997 00001 00000 41255	MFSK-16	(AB)
XPA2	22-8	1640	13464	Tue	04997 00001 00000 41255	MFSK-16	(AB)
XPA2	22-8	2100	12159	Tue	01046 00001 00000 34255	MFSK-16/20Bd	(AB)
XPA2	22-8	2120	11559	Tue	01046 00001 00000 34255	MFSK-16/20Bd	(AB)
XPA2	22-8	2140	10559	Tue	01046 00001 00000 34255	MFSK-16/20Bd	(AB)
XPA2	23-8	0700	12152	Wed	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	23-8	0720	13552	Wed	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	23-8	0740	13952	Wed	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	23-8	0910	18059	Wed	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	23-8	0930	16093	Wed	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	23-8	0950	14874	Wed	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	23-8	1100	16264	Wed	00536 00075 74829 ... 22661 13517 51157	MFSK-16/20Bd	(AB)
XPA2	23-8	1120	15864	Wed	00536 00075 74829 ... 22661 13517 51157	MFSK-16/20Bd	(AB)
XPA2	23-8	1140	14864	Wed	00536 00075 74829 ... 22661 13517 51157	MFSK-16/20Bd	(AB)
XPA2	23-8	1800	15884	Wed	00576 00239 02553 ... 29475 28173 05656	MFSK-16/20Bd	(AB)
XPA2	23-8	1820	14684	Wed	00576 00239 02553 ... 29475 28173 05656	MFSK-16/20Bd	(AB)
XPA2	23-8	1840	13484	Wed	00576 00239 02553 ... 29475 28173 05656	MFSK-16/20Bd	(AB)
XPA2	24-8	0500	10252	Thu	06070 00001 00000 31265	MFSK-16/20Bd	(AB)
XPA2	24-8	0520	11152	Thu	06070 00001 00000 31265	MFSK-16/20Bd	(AB)
XPA2	24-8	0540	12152	Thu	06070 00001 00000 31265	MFSK-16/20Bd	(AB)
XPA2	24-8	0910	14372	Thu	00522 00142 68116 ... 42101 17553 21021	MFSK-16/20Bd	(AB)
XPA2	24-8	0930	13372	Thu	00522 00142 68116 ... 42101 17553 21021	MFSK-16/20Bd	(AB)
XPA2	24-8	0950	12172	Thu	00522 00142 68116 ... 42101 17553 21021	MFSK-16/20Bd	(AB)
XPA2	24-8	1100	16264	Thu	00536 00075 74829 ... 22661 13517 51157	MFSK-16/20Bd	(AB/MPJ)

XPA2	24-8	1120	15864	Thu	00536 00075 74829 ... 22661 13517 51157	MFSK-16/20Bd	(AB/MPJ)
XPA2	24-8	1140	14864	Thu	00536 00075 74829 ... 22661 13517 51157	MFSK-16/20Bd	(AB/MPJ)
XPA2	24-8	1600	14864	Thu	06303 00001 00000 34256	MFSK-16	(AB)
XPA2	24-8	1620	14364	Thu	06303 00001 00000 34256	MFSK-16	(AB)
XPA2	24-8	1640	13464	Thu	06303 00001 00000 34256	MFSK-16	(AB)
XPA2	25-8	0800	13962	Fri	02740 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	25-8	0820	14862	Fri	02740 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	25-8	0840	15962	Fri	02740 00001 00000 34656	MFSK-16/20Bd	(AB)
XPA2	25-8	1100	13887	Fri	06338 00001 00000 36661	MFSK-16	(AB)
XPA2	25-8	1120	12187	Fri	06338 00001 00000 36661	MFSK-16	(AB)
XPA2	25-8	1140	10387	Fri	06338 00001 00000 36661	MFSK-16	(AB)
XPA2	25-8	1800	15884	Fri	00576 00239 02553 ... 29475 28173 05656	MFSK-16/20Bd	(AB)
XPA2	25-8	1820	14684	Fri	00576 00239 02553 ... 29475 28173 05656	MFSK-16/20Bd	(AB)
XPA2	25-8	1840	13484	Fri	00576 00239 02553 ... 29475 28173 05656	MFSK-16/20Bd	(AB)
XPA2	26-8	0910	14372	Sat	00522 00142 68116 ... 42101 17553 21021	MFSK-16/20Bd	(AB)
XPA2	26-8	0930	13372	Sat	00522 00142 68116 ... 42101 17553 21021	MFSK-16/20Bd	(AB)
XPA2	26-8	0950	12172	Sat	00522 00142 68116 ... 42101 17553 21021	MFSK-16/20Bd	(AB)
XPA2	26-8	1500	13825	Sat	08077 00001 00000 34667	MFSK-16/20Bd	(AB)
XPA2	26-8	1520	12125	Sat	08077 00001 00000 34667	MFSK-16/20Bd	(AB)
XPA2	26-8	1540	11025	Sat	08077 00001 00000 34667	MFSK-16/20Bd	(AB)
XPA2	27-8	0800	13962	Sun	01278 00001 00000 36260	MFSK-16/20Bd	(AB)
XPA2	27-8	0820	14862	Sun	01278 00001 00000 36260	MFSK-16/20Bd	(AB)
XPA2	27-8	0840	15962	Sun	01278 00001 00000 36260	MFSK-16/20Bd	(AB)
XPA2	27-8	2100	12159	Sun	08744 00001 00000 36664	MFSK-16/20Bd	(AB)
XPA2	27-8	2120	11559	Sun	08744 00001 00000 36664	MFSK-16/20Bd	(AB)
XPA2	27-8	2140	10559	Sun	08744 00001 00000 36664	MFSK-16/20Bd	(AB)
XPA2	28-8	0700	12152	Mon	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	28-8	0720	13552	Mon	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	28-8	0740	13952	Mon	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	28-8	0800	10427	Mon	08624 00240 19986 ... 18823 62119 74041	MFSK-16/20Bd	(AB)
XPA2	28-8	0810	11574	Mon	08624 00240 19986 ... 18823 62119 74041	MFSK-16/20Bd	(AB)
XPA2	28-8	0820	13432	Mon	08624 00240 19986 ... 18823 62119 74041	MFSK-16/20Bd	(AB)
XPA2	28-8	0850	11574	Mon	07004 00202 27240 ... 34978 67243 74435	MFSK-16/20Bd	(AB)
XPA2	28-8	0900	13432	Mon	07004 00202 27240 ... 34978 67243 74435	MFSK-16/20Bd	(AB)
XPA2	28-8	0910	18059	Mon	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	28-8	0920	10427	Mon	02498 00252 42626 ... 37070 04017 74624	MFSK-16/20Bd	(AB)
XPA2	28-8	0930	11574	Mon	02498 00252 42626 ... 37070 04017 74624	MFSK-16/20Bd	(AB)
XPA2	28-8	0930	16093	Mon	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	28-8	0940	13432	Mon	02498 00252 42626 ... 37070 04017 74624	MFSK-16/20Bd	(AB)
XPA2	28-8	0950	14874	Mon	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	28-8	1000	10427	Mon	04209 00235 68188 ... 97209 84618 30347	MFSK-16/20Bd	(AB)
XPA2	28-8	1010	11574	Mon	04209 00235 68188 ... 97209 84618 30347	MFSK-16/20Bd	(AB)

XPA2	28-8	1020	13432	Mon	04209 00235 68188 ... 97209 84618 30347	MFSK-16/20Bd	(AB)
XPA2	28-8	1100	10427	Mon	08607 00268 25447 ... 76559 46347 17777	MFSK-16/20Bd	(AB)
XPA2	28-8	1110	11574	Mon	08607 00268 25447 ... 76559 46347 17777	MFSK-16/20Bd	(AB)
XPA2	28-8	1120	13432	Mon	08607 00268 25447 ... 76559 46347 17777	MFSK-16/20Bd	(AB)
XPA2	28-8	1140	10427	Mon	09679 00296 79418 ... 64716 77213 11442	MFSK-16/20Bd	(AB)
XPA2	28-8	1150	11574	Mon	09679 00296 79418 ... 64716 77213 11442	MFSK-16/20Bd	(AB)
XPA2	28-8	1200	13432	Mon	09679 00296 79418 ... 64716 77213 11442	MFSK-16/20Bd	(AB)
XPA2	28-8	1220	10427	Mon	01845 00209 54681 ... 89489 35102 35740	MFSK-16/20Bd	(AB)
XPA2	28-8	1230	11574	Mon	01845 00209 54681 ... 89489 35102 35740	MFSK-16/20Bd	(AB)
XPA2	28-8	1240	13432	Mon	01845 00209 54681 ... 89489 35102 35740	MFSK-16/20Bd	(AB)
XPA2	28-8	1300	10427	Mon	07621 00273 95665 ... 00442 03541 43517	MFSK-16/20Bd	(AB)
XPA2	28-8	1310	11574	Mon	07621 00273 95665 ... 00442 03541 43517	MFSK-16/20Bd	(AB)
XPA2	28-8	1320	13432	Mon	07621 00273 95665 ... 00442 03541 43517	MFSK-16/20Bd	(AB)
XPA2	28-8	1340	10427	Mon	01519 00241 04656 ... 83008 04838 73243	MFSK-16/20Bd	(AB)
XPA2	28-8	1350	11574	Mon	01519 00241 04656 ... 83008 04838 73243	MFSK-16/20Bd	(AB)
XPA2	28-8	1400	13432	Mon	01519 00241 04656 ... 83008 04838 73243	MFSK-16/20Bd	(AB)
XPA2	28-8	1500	13825	Mon	00469 00230 68100 ... 72574 18904 25436	MFSK-16/20Bd	(AB/MPJ)
XPA2	28-8	1520	12125	Mon	00469 00230 68100 ... 72574 18904 25436	MFSK-16/20Bd	(AB/MPJ)
XPA2	28-8	1540	11025	Mon	00469 00230 68100 ... 72574 18904 25436	MFSK-16/20Bd	(AB/MPJ)
XPA2	29-8	0500	10252	Tue	00116 00075 31327 ... 59374 68717 51151	MFSK-16/20Bd	(AB)
XPA2	29-8	0520	11152	Tue	00116 00075 31327 ... 59374 68717 51151	MFSK-16/20Bd	(AB)
XPA2	29-8	0540	12152	Tue	00116 00075 31327 ... 59374 68717 51151	MFSK-16/20Bd	(AB)
XPA2	29-8	0800	10427	Tue	09686 00280 08837 ... 79982 51936 37120	MFSK-16/20Bd	(AB)
XPA2	29-8	0810	11574	Tue	09686 00280 08837 ... 79982 51936 37120	MFSK-16/20Bd	(AB)
XPA2	29-8	0820	13432	Tue	09686 00280 08837 ... 79982 51936 37120	MFSK-16/20Bd	(AB)
XPA2	29-8	0840	10427	Tue	05771 00236 96615 ... 84431 83825 10507	MFSK-16/20Bd	(AB)
XPA2	29-8	0850	11574	Tue	05771 00236 96615 ... 84431 83825 10507	MFSK-16/20Bd	(AB)
XPA2	29-8	0900	13432	Tue	05771 00236 96615 ... 84431 83825 10507	MFSK-16/20Bd	(AB)
XPA2	29-8	0920	10427	Tue	03583 00223 52026 ... 18680 81588 36260	MFSK-16/20Bd	(AB)
XPA2	29-8	0930	11574	Tue	03583 00223 52026 ... 18680 81588 36260	MFSK-16/20Bd	(AB)
XPA2	29-8	0940	13432	Tue	03583 00223 52026 ... 18680 81588 36260	MFSK-16/20Bd	(AB)
XPA2	29-8	1000	10427	Tue	04671 00240 75371 ... 85343 22656 60375	MFSK-16/20Bd	(AB)
XPA2	29-8	1010	11574	Tue	04671 00240 75371 ... 85343 22656 60375	MFSK-16/20Bd	(AB)
XPA2	29-8	1020	13432	Tue	04671 00240 75371 ... 85343 22656 60375	MFSK-16/20Bd	(AB)
XPA2	29-8	1100	10427	Tue	08479 00283 09950 ... 51459 65336 73631	MFSK-16/20Bd	(AB)
XPA2	29-8	1100	13887	Tue	07061 00091 62296 ... 17480 33663 15164	MFSK-16	(AB)
XPA2	29-8	1110	11574	Tue	08479 00283 09950 ... 51459 65336 73631	MFSK-16/20Bd	(AB)
XPA2	29-8	1120	12187	Tue	07061 00091 62296 ... 17480 33663 15164	MFSK-16	(AB)
XPA2	29-8	1120	13432	Tue	08479 00283 09950 ... 51459 65336 73631	MFSK-16/20Bd	(AB)
XPA2	29-8	1140	10387	Tue	07061 00091 62296 ... 17480 33663 15164	MFSK-16	(AB)
XPA2	29-8	1140	10427	Tue	04030 00233 88413 ... 91506 87242 54455	MFSK-16/20Bd	(AB)
XPA2	29-8	1150	11574	Tue	04030 00233 88413 ... 91506 87242 54455	MFSK-16/20Bd	(AB)

XPA2	29-8	1200	13432	Tue	04030 00233 88413 ... 91506 87242 54455	MFSK-16/20Bd	(AB)
XPA2	29-8	1220	10427	Tue	05108 00245 27658 ... 77321 92569 25337	MFSK-16/20Bd	(AB)
XPA2	29-8	1230	11574	Tue	05108 00245 27658 ... 77321 92569 25337	MFSK-16/20Bd	(AB)
XPA2	29-8	1240	13432	Tue	05108 00245 27658 ... 77321 92569 25337	MFSK-16/20Bd	(AB)
XPA2	29-8	1300	10427	Tue	02392 00215 97981 ... 35982 26647 60557	MFSK-16/20Bd	(AB)
XPA2	29-8	1310	11574	Tue	02392 00215 97981 ... 35982 26647 60557	MFSK-16/20Bd	(AB)
XPA2	29-8	1320	13432	Tue	02392 00215 97981 ... 35982 26647 60557	MFSK-16/20Bd	(AB)
XPA2	29-8	1340	10427	Tue	02969 00221 63091 ... 30928 81476 10073	MFSK-16/20Bd	(AB)
XPA2	29-8	1350	11574	Tue	02969 00221 63091 ... 30928 81476 10073	MFSK-16/20Bd	(AB)
XPA2	29-8	1400	13432	Tue	02969 00221 63091 ... 30928 81476 10073	MFSK-16/20Bd	(AB)
XPA2	29-8	1600	14864	Tue	00523 00197 48554 ... 53989 94487 66453	MFSK-16	(AB)
XPA2	29-8	1620	14364	Tue	00523 00197 48554 ... 53989 94487 66453	MFSK-16	(AB)
XPA2	29-8	1640	13464	Tue	00523 00197 48554 ... 53989 94487 66453	MFSK-16	(AB)
XPA2	29-8	2100	12159	Tue	00289 00069 20949 ... 70618 62279 47156	MFSK-16/20Bd	(AB)
XPA2	29-8	2120	11559	Tue	00289 00069 20949 ... 70618 62279 47156	MFSK-16/20Bd	(AB)
XPA2	29-8	2140	10559	Tue	00289 00069 20949 ... 70618 62279 47156	MFSK-16/20Bd	(AB)
XPA2	30-8	0700	12152	Wed	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	30-8	0720	13552	Wed	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	30-8	0740	13952	Wed	01629 00120 86749 ... 65049 60826 20724	MFSK-16/20Bd	(AB)
XPA2	30-8	0910	8059	Wed	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	30-8	0930	16093	Wed	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	30-8	0950	14874	Wed	00259 00101 80145 ... 75942 02423 52757	MFSK-16/20Bd	(AB)
XPA2	30-8	1100	16264	Wed	06839 00001 00000 41661	MFSK-16/20Bd	(AB)
XPA2	30-8	1120	15864	Wed	06839 00001 00000 41661	MFSK-16/20Bd	(AB)
XPA2	30-8	1140	14864	Wed	06839 00001 00000 41661	MFSK-16/20Bd	(AB)
XPA2	30-8	1800	15884	Wed	07759 00083 31454 ... 99595 86844 74676	MFSK-16/20Bd	(AB)
XPA2	30-8	1820	14684	Wed	07759 00083 31454 ... 99595 86844 74676	MFSK-16/20Bd	(AB)
XPA2	30-8	1840	13484	Wed	07759 00083 31454 ... 99595 86844 74676	MFSK-16/20Bd	(AB)
XPA2	31-8	0500	10252	Thu	00116 00075 31327 ... 59374 68717 51151	MFSK-16/20Bd	(AB)
XPA2	31-8	0520	11152	Thu	00116 00075 31327 ... 59374 68717 51151	MFSK-16/20Bd	(AB)
XPA2	31-8	0540	12152	Thu	00116 00075 31327 ... 59374 68717 51151	MFSK-16/20Bd	(AB)
XPA2	31-8	0910	14372	Thu	00522 00142 68116 ... 42101 17553 21021	MFSK-16/20Bd	(AB)
XPA2	31-8	0930	13372	Thu	00522 00142 68116 ... 42101 17553 21021	MFSK-16/20Bd	(AB)
XPA2	31-8	0950	12172	Thu	00522 00142 68116 ... 42101 17553 21021	MFSK-16/20Bd	(AB)
XPA2	31-8	1100	16264	Thu	08526 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	31-8	1120	15864	Thu	08526 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	31-8	1140	14864	Thu	08526 00001 00000 36662	MFSK-16/20Bd	(AB)
XPA2	31-8	1600	14864	Thu	00523 00197 48554 ... 53989 94487 66453	MFSK-16	(AB)
XPA2	31-8	1620	14364	Thu	00523 00197 48554 ... 53989 94487 66453	MFSK-16	(AB)
XPA2	31-8	1640	13464	Thu	00523 00197 48554 ... 53989 94487 66453	MFSK-16	(AB)
XPB1	1-8	0500	11159	Tue	Russian intel.	MKSK-16	(AB)
XPB1	1-8	0510	12159	Tue	Russian intel.	MKSK-16	(AB)

XPB1	1-8	0520	13459	Tue	Russian intel.	MKSK-16	(AB)
XPB1	1-8	0530	13959	Tue	Russian intel.	MKSK-16	(AB)
XPB1	1-8	0540	14459	Tue	Russian intel.	MKSK-16	(AB)
XPB1	1-8	0550	14959	Tue	Russian intel.	MKSK-16	(AB)
XPB1	1-8	1300	20064	Tue	Russian intel.	MFSK-16	(AB)
XPB1	1-8	1310	19364	Tue	Russian intel.	MFSK-16	(AB)
XPB1	1-8	1320	18464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	1-8	1330	17464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	1-8	1340	16264	Tue	Russian intel.	MFSK-16	(AB)
XPB1	1-8	1350	15864	Tue	Russian intel.	MFSK-16	(AB)
XPB1	2-8	1100	13567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	2-8	1110	13367	Wed	Russian intel.	MFSK-16	(AB)
XPB1	2-8	1120	12167	Wed	Russian intel.	MFSK-16	(AB)
XPB1	2-8	1130	11567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	2-8	1140	11067	Wed	Russian intel.	MFSK-16	(AB)
XPB1	2-8	1150	10567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	4-8	0830	12153	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-8	0930	12153	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-8	1030	12153	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-8	1130	12153	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-8	1300	20064	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-8	1310	19364	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-8	1320	18464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-8	1330	17464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-8	1340	16264	Fri	Russian intel.	MFSK-16	(AB)
XPB1	4-8	1350	15864	Fri	Russian intel.	MFSK-16	(AB)
XPB1	5-8	1100	13567	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	5-8	1110	13367	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	1120	12167	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	1130	11567	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	1140	11067	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	1150	10567	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	1200	15876	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	1210	14876	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	1220	14376	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	1230	13873	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	1240	13376	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	5-8	1250	12176	Sat	Russian intel.	MFSK-16	(AB/HFD)
XPB1	7-8	0500	11159	Mon	Russian intel.	MKSK-16	(AB)
XPB1	7-8	0510	12159	Mon	Russian intel.	MKSK-16	(AB)
XPB1	7-8	0520	13459	Mon	Russian intel.	MKSK-16	(AB)
XPB1	7-8	0530	13959	Mon	Russian intel.	MKSK-16	(AB)

XPB1	7-8	0540	14459	Mon	Russian intel.	MKSK-16	(AB)
XPB1	7-8	0550	14959	Mon	Russian intel.	MKSK-16	(AB)
XPB1	7-8	1200	15876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7-8	1210	14876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7-8	1220	14376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7-8	1230	13873	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7-8	1240	13376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	7-8	1250	12176	Mon	Russian intel.	MFSK-16	(AB)
XPB1	8-8	0500	11159	Tue	Russian intel.	MKSK-16	(AB/HFD)
XPB1	8-8	0510	12159	Tue	Russian intel.	MKSK-16	(AB/HFD)
XPB1	8-8	0520	13459	Tue	Russian intel.	MKSK-16	(AB/HFD)
XPB1	8-8	0530	13959	Tue	Russian intel.	MKSK-16	(AB/HFD)
XPB1	8-8	0540	14459	Tue	Russian intel.	MKSK-16	(AB/HFD)
XPB1	8-8	0550	14959	Tue	Russian intel.	MKSK-16	(AB/HFD)
XPB1	8-8	1300	20064	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	8-8	1310	19364	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	8-8	1320	18464	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	8-8	1330	17464	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	8-8	1340	16264	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	8-8	1350	15864	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9-8	1100	13567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	9-8	1110	13367	Wed	Russian intel.	MFSK-16	(AB)
XPB1	9-8	1120	12167	Wed	Russian intel.	MFSK-16	(AB)
XPB1	9-8	1130	11567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	9-8	1140	11067	Wed	Russian intel.	MFSK-16	(AB)
XPB1	9-8	1150	10567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11-8	1300	20064	Fri	Russian intel.	MFSK-16	(AB)
XPB1	11-8	1310	19364	Fri	Russian intel.	MFSK-16	(AB)
XPB1	11-8	1320	18464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	11-8	1330	17464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	11-8	1340	16264	Fri	Russian intel.	MFSK-16	(AB)
XPB1	11-8	1350	15864	Fri	Russian intel.	MFSK-16	(AB)
XPB1	12-8	1100	13567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12-8	1110	13367	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12-8	1120	12167	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12-8	1130	11567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12-8	1140	11067	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12-8	1150	10567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12-8	1200	15876	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12-8	1210	14876	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12-8	1220	14376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12-8	1230	13873	Sat	Russian intel.	MFSK-16	(AB)

XPB1	12-8	1240	13376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	12-8	1250	12176	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0500	11159	Mon	Russian intel.	MKSK-16	(AB)
XPB1	14-8	0510	12159	Mon	Russian intel.	MKSK-16	(AB)
XPB1	14-8	0520	13459	Mon	Russian intel.	MKSK-16	(AB)
XPB1	14-8	0530	13959	Mon	Russian intel.	MKSK-16	(AB)
XPB1	14-8	0540	14459	Mon	Russian intel.	MKSK-16	(AB)
XPB1	14-8	0550	14959	Mon	Russian intel.	MKSK-16	(AB)
XPB1	14-8	0710	9339	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0720	10643	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0730	11431	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0740	12158	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0750	13526	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0820	9339	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0830	10643	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0840	11431	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0850	12158	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0900	13526	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0930	9339	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0940	10643	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	0950	11431	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1000	12158	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1010	13526	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1200	15876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1210	14876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1220	14376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1230	13873	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1240	13376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14-8	1250	12176	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15-8	0500	11159	Tue	Russian intel.	MKSK-16	(AB)
XPB1	15-8	0510	12159	Tue	Russian intel.	MKSK-16	(AB)
XPB1	15-8	0520	13459	Tue	Russian intel.	MKSK-16	(AB)
XPB1	15-8	0530	13959	Tue	Russian intel.	MKSK-16	(AB)
XPB1	15-8	0540	14459	Tue	Russian intel.	MKSK-16	(AB)
XPB1	15-8	0550	14959	Tue	Russian intel.	MKSK-16	(AB)
XPB1	15-8	1300	20064	Tue	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15-8	1310	19364	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-8	1320	18464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-8	1330	17464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-8	1340	16264	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15-8	1350	15864	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16-8	1100	13567	Wed	Russian intel.	MFSK-16	(AB)

XPB1	16-8	1110	13367	Wed	Russian intel.	MFSK-16	(AB)
XPB1	16-8	1120	12167	Wed	Russian intel.	MFSK-16	(AB)
XPB1	16-8	1130	11567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	16-8	1140	11067	Wed	Russian intel.	MFSK-16	(AB)
XPB1	16-8	1150	10567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	18-8	1300	20064	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-8	1310	19364	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-8	1320	18464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-8	1330	17464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-8	1340	16264	Fri	Russian intel.	MFSK-16	(AB)
XPB1	18-8	1350	15864	Fri	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1100	13567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1110	13367	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1120	12167	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1130	11567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1140	11067	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1150	10567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1200	15876	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1210	14876	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1220	14376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1230	13873	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1240	13376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	19-8	1250	12176	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-8	0500	11159	Mon	Russian intel.	MKSK-16	(AB)
XPB1	21-8	0510	12159	Mon	Russian intel.	MKSK-16	(AB)
XPB1	21-8	0520	13459	Mon	Russian intel.	MKSK-16	(AB)
XPB1	21-8	0530	13959	Mon	Russian intel.	MKSK-16	(AB)
XPB1	21-8	0540	14459	Mon	Russian intel.	MKSK-16	(AB)
XPB1	21-8	0550	14959	Mon	Russian intel.	MKSK-16	(AB)
XPB1	21-8	0815	13416	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1200	15876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1210	14876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1220	14376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1230	13873	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1240	13376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	21-8	1250	12176	Mon	Russian intel.	MFSK-16	(AB)
XPB1	22-8	0500	11159	Tue	Russian intel.	MKSK-16	(AB)
XPB1	22-8	0510	12159	Tue	Russian intel.	MKSK-16	(AB)
XPB1	22-8	0520	13459	Tue	Russian intel.	MKSK-16	(AB)
XPB1	22-8	0530	13959	Tue	Russian intel.	MKSK-16	(AB)
XPB1	22-8	0540	14459	Tue	Russian intel.	MKSK-16	(AB)
XPB1	22-8	0550	14959	Tue	Russian intel.	MKSK-16	(AB)

XPB1	22-8	1300	20064	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-8	1310	19364	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-8	1320	18464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-8	1330	17464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-8	1340	16264	Tue	Russian intel.	MFSK-16	(AB)
XPB1	22-8	1350	15864	Tue	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1100	13567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1110	13367	Wed	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1120	12167	Wed	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1130	11567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1140	11067	Wed	Russian intel.	MFSK-16	(AB)
XPB1	23-8	1150	10567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	25-8	1300	20064	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-8	1310	19364	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-8	1320	18464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-8	1330	17464	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-8	1340	16264	Fri	Russian intel.	MFSK-16	(AB)
XPB1	25-8	1350	15864	Fri	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1100	13567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1110	13367	Sat	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1120	12167	Sat	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1130	11567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1140	11067	Sat	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1150	10567	Sat	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1200	15876	Sat	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1210	14876	Sat	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1220	14376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1230	13873	Sat	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1240	13376	Sat	Russian intel.	MFSK-16	(AB)
XPB1	26-8	1250	12176	Sat	Russian intel.	MFSK-16	(AB)
XPB1	28-8	0500	11159	Mon	Russian intel.	MKSK-16	(AB)
XPB1	28-8	0510	12159	Mon	Russian intel.	MKSK-16	(AB)
XPB1	28-8	0520	13459	Mon	Russian intel.	MKSK-16	(AB)
XPB1	28-8	0530	13959	Mon	Russian intel.	MKSK-16	(AB)
XPB1	28-8	0540	14459	Mon	Russian intel.	MKSK-16	(AB)
XPB1	28-8	0550	14959	Mon	Russian intel.	MKSK-16	(AB)
XPB1	28-8	1200	15876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-8	1210	14876	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-8	1220	14376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-8	1230	13873	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-8	1240	13376	Mon	Russian intel.	MFSK-16	(AB)
XPB1	28-8	1250	12176	Mon	Russian intel.	MFSK-16	(AB)

XPB1	29-8	0500	11159	Tue	Russian intel.	MKSK-16	(AB)
XPB1	29-8	0510	12159	Tue	Russian intel.	MKSK-16	(AB)
XPB1	29-8	0520	13459	Tue	Russian intel.	MKSK-16	(AB)
XPB1	29-8	0530	13959	Tue	Russian intel.	MKSK-16	(AB)
XPB1	29-8	0540	14459	Tue	Russian intel.	MKSK-16	(AB)
XPB1	29-8	0550	14959	Tue	Russian intel.	MKSK-16	(AB)
XPB1	29-8	1300	20064	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-8	1310	19364	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-8	1320	18464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-8	1330	17464	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-8	1340	16264	Tue	Russian intel.	MFSK-16	(AB)
XPB1	29-8	1350	15864	Tue	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1100	13567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1110	13367	Wed	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1120	12167	Wed	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1130	11567	Wed	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1140	11067	Wed	Russian intel.	MFSK-16	(AB)
XPB1	30-8	1150	10567	Wed	Russian intel.	MFSK-16	(AB)

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AB	Ary Boender, Netherlands	JPL	JPL, NB, Canada (and various remote rx)
AB-ATN	Ary Boender via remote rx Bonaire	JPL-RUS	JPL via remote rx Russia
AB-CYP	Ary Boender via remote rx Cyprus	Lac	Lazycrypt
AB-D	Ary Boender via remote rx Germany	linkz	Linkz, S.E. France
AB-F	Ary Boender via remote rx France	Moon	Moonlight (Dave AU)
AB-FIN	Ary Boender via remote rx Finland	MPJ	Jim, SW England
AB-HK	Ary Boender via remote rx Hong Kong	MPJ-AUT	Jim via remote rx Austria
AB-HNG	Ary Boender via remote rx Hungary	MPJ-FIN	Jim via remote rx Finland
AB-J	Ary Boender via remote rx Japan	MPJ-HNG	Jim via remote rx Hungary
AB-KOR	Ary Boender via remote rx South Korea	MPJ-HOL	Jim via remote rx Netherlands
AB-KWT	Ary Boender via remote rx Kuwait	MPJ-S	Jim via remote rx Sweden
AB-POL	Ary Boender via remote rx Poland	Pof	Pofista1_975 via Priyom
AB-ROU	Ary Boender via remote rx Romania	PY	Pierre Ynard, France and via remote rx
AB-RUS	Ary Boender via remote rx Russia	qsr711	QSR711
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Dan	Daniel LU5EMM, Argentina	sse	ssemkaz via Priyom
EW	Eddy Waters, Australia	Subilo	Subilo
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FSK1	FSK1	TM	Time Machine
HFD	Hans-Friedrich Dumrese, Germany	VSh	V. Shortwaver
HFD-J	Hans-Friedrich Dumrese via remote rx Japan	WN	Wiliam Neelin
HFD-KWT	Hans-Friedrich Dumrese via remote rx Kuwait		

APPENDIX

Designators of active stations

Prefixes

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

Active voice stations

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

Active morse stations

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

Active digital stations

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, S06, M14, F01, F06, F06a
F02	MFSK-4/150Bd/4000Hz	Russia	
F03	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
F06	FSK	Russia	E06, S06, M14, F01, F06, F06a
F06a	FSK	Russia	E06, S06, M14, F01, F06, F06a
F07	5xMFSK-16/10Bd/20Hz+250Bd BPSK bursts	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
HM01	Voice + WinDRM	Cuba	
M42	Various modes	Russia	
P03	BPSK, QPSK	Poland	E11, E11a, S11a, F03
P07	8xQSPK/62.5Bd/125Hz+250Bd BPSK bursts	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
Q26	4+4 QPSK	China	M95, Q26, V26
X06	MFSK-6	Russia	
XPA1	MFSK-20	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
XPA2	MFSK-16	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1
XPB1	MFSK-16	Russia	E07, V07, M12, F07, P07, XPA1, XPA2, XPB1

Figures and words used by the various numbers stations

Cut numbers

Chinese cut numbers (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

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

Note: M03 and M08a are defunct.

Figure	English	French	German	Mandarin	Spanish	Russian	Arabic
0	Zero	Zero	Null	Ling	Cero	Null	Sifr
1	One	Un	Eins	Yi	Uno	Odín	Wahid
2	Two	Deux	Zwei	Er	Dos	Dva	Itnien
3	Three	Trois	Drei	San	Tres	Tri	Talata
4	Four	Quatre	Vier	Si	Cuatro	Chety're	Arba`a
5	Five	Cinq	Fünf	Wu	Cinco	Pyat'	Xamsa
6	Six	Six	Sechs	Liu	Seis	Shest'	Sitta
7	Seven	Sept	Sieben	Qi	Siete	Sem'	Sab`a
8	Eight	Huit	Acht	Ba	Ocho	Vósem'	Tamanya
9	Nine	Neuf	Neun	Jiu	Nueve	Dévyat'	Tiss`a

Figure	Morse	Vietnamese	E17z	S11a	G06	E11
0	— — — — —	Số không	Zero	Nul	Null	Zero
1	. — — — —	Một	Van	Adinka	Eins	One
2	.. — — —	Hai	To	Dwojka	Twso	Two
3	... — —	Ba	Fwee	Trojka	Drei	Three
4	.... —	Bô'n	Fo	Cienciorka	Vier	Four
5	Năm	Fav	Pietiorka	Funuf	Fiver
6	—	Sáu	Six	Szest	Sechs	Six
7	— —	Ba|y	Seven	Siem	Sieben	Seven
8	— — — ..	Tám	Eight	Wosiem	Acht	Eight
9	— — — — .	Chín	Nine	Diewiet	Neugen	Niner
=	—					
/	—					

Morse characters

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

See also

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

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

E11 family digital transmission modes.

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

FSK transmissions

F03a	FSK-2 100Bd/200Hz cf + 600Hz
F03b	FSK-2 200Bd/400Hz
F03c	FSK-2 400Bd/960Hz/cf +1120Hz/448-bit period
F03d	FSK-2 200Bd/400Hz/cf +600Hz/448-bit period
F03f	FSK-2 400Bd/800Hz/cf +1200Hz/496-bit period
F03g	BPSK 50Bd/1000Hz/464 bits
F03h	BPSK 100Bd/1000Hz/512 bits
F03i	FSK-2 100Bd/800Hz/cf +1200Hz/488-bit period
F03j	FSK-4 100Bd/400Hz/cf +1200Hz/448-bit period
F03k	FSK-2 400Bd/800Hz/cf +1200Hz/448-bit period
F03l	FSK-2 100Bd/200Hz/cf +700Hz/448-bit period
F11	FSK 100Bd/620Hz and FSK 100Bd/740Hz

PSK transmissions

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

Notes:

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

COLOPHON

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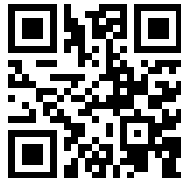
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676 27364 92866 89428 61288 74982 36498 32764 81276 81
986 48932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 76
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 11
791 87364 87265 96718 27638 12673 84769 28743 98127 0
8 63298 75698 27465 87326 49876 28376 81273 98615 86
67 87432 74328 78674 29867 32867 67867 86786 43276 89
67 68768 68763 34234 34238 68768 62342 48273 48768 23
986 98432 32432 86743 43286 43286 43286 43286 43286 43
743 85743 86743 39867 32867 86743 43286 43286 43243 86
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