

27364	92836	69428	61268	74982	46498	32764	31276
40932	70987	32123	49817	26346	81287	65491	87364
75654	55656	12737	72727	72727	91918	63473	67867
87629	37677	32612	53498	71296	28756	18276	98716
76329	74698	76857	98670	27601	56701	57601	73648
87364	87265	96710	27630	12673	84769	28743	98127
63298	75698	27465	87326	49876	28376	81273	98615
87432	74328	78674	29867	32867	67867	86786	43286
68768	68763	34234	34238	68768	62342	48273	48768
98432	32432	86743	43286	43286	43286	43286	43286
86743	86743	39867	32867	86743	43286	43286	43243
86743	86743	86743	86743	86743	86743	86743	86743
98798	98754	98754	98754	98754	29867	67543	67986
87698	69876	87698	69876	87612	12341	34867	86798
43298	65656	56756	56123	32143	14321	32143	14321
58765	58765	58765	58765	58765	58765	58765	58765

Numbers & Oddities

a.k.a. The Spooks Newsletter

Edition #304, January 2023

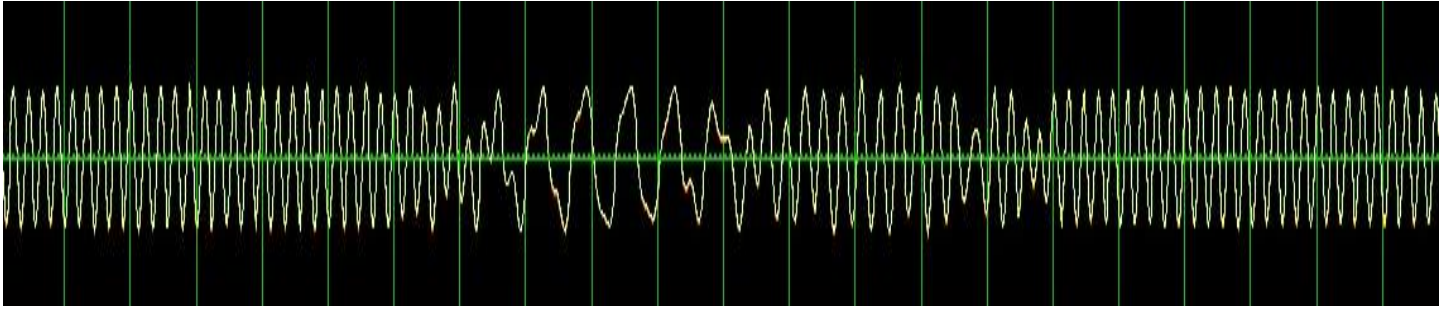
Editor: Ary Boender email: udxf@udxf.nl
 Numbers & Oddities <http://www.numbersoddities.nl>

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

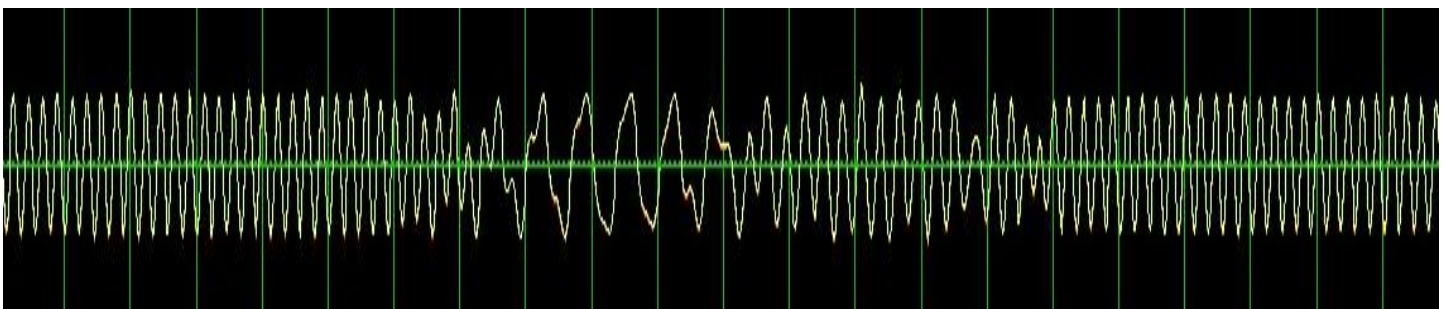
"Numbers & Oddities" covers the fascinating world of Numbers Stations and other odd radio signals on shortwave.



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FOREWORD

Welcome to the first Numbers & Oddities edition of 2023.

I haven't searched for oddities or other interesting stations myself, nor did I listen to EAMs as I am too busy with other projects. If you hear something interesting, please let us know. Items about espionage and clandestine stations are also very welcome.

Numbers stations news:

V07 was not heard in January. I hope that it will return, but I haven't a good feeling about it. F06 ID 00000 sent a number of messages and HK sent us a bunch of V28 logs. The buzzer sent its first message since Russia invaded Ukraine. It was still buzzing 24/7 but its message activity was extremely low. One message in a year isn't much, right? M23 still transmits an hourly beep but no further activity was noted in January.

Spy news:

Ana Belén Montes, one of the best known Cuban spies, has been released from prison early after spending two decades behind bars.

VOICE STATIONS

E06

9946/8095 kHz, 01-01, 0930/1000 UTC

Message body repeat of 2022-03-05/06 (and other occurrences during previous years), but as E06 480 instead of S06 480.

480 256 41

68128 53518 23246 76308 38133 29892 12160 63004 98610 77027

77900 36871 19030 84327 99556 48826 40681 18838 64157 50440

33147 78759 64791 17214 63791 24926 19009 37644 43254 57917

06973 93248 07056 26795 68612 38242 46045 16619 94601 82040

46795

256 41 00000

7377/5410 kHz, 07-01, 1300/1330 UTC

9946/8095 kHz, 08-01, 0930/1000 UTC

480 276 45

50135 80378 77662 36926 77384 32258 43795 81190 22191 26184

55053 99625 71339 69531 12708 92028 19160 26665 57696 44576

21605 59812 38872 29052 63405 35848 23128 89060 02032 01790

18411 66539 17503 89817 46338 63102 37871 29829 19860 90023

39302 58963 10418 29009 56318

276 45 00000

7377/5410 kHz, 14-01, 1300/1330 UTC

9946/8095 kHz, 15-01, 0930/1000 UTC

480 736 42

49563 01154 35760 43827 70133 41841 91351 23807 46730 26195

36508 65502 07278 88195 63001 89482 40690 02059 14403 02084

54905 99303 82853 77357 69779 24274 23272 32630 13025 36453

01089 48475 62523 89342 52755 47781 00930 72731 53277 31812

31821 27269

736 42 00000

7377/5410 kHz, 21-01, 1300/1330 UTC

9946/8095 kHz, 22-01, 0930/1000 UTC

480 657 43

73995 85328 87650 23576 55716 52066 01630 66200 57401 84853

00773 88198 03406 11905 45671 09335 66502 84676 22763 63948

35769 95824 79412 98651 94441 68080 27922 77305 23843 95883

08867 73626 67677 92924 75241 15470 32175 64478 75710 14096

55206 60429 13963

657 43 00000

7377/5410 kHz, 28-01, 1300/1330 UTC

9946/8095 kHz, 29-01, 0930/1000 UTC

480 562 44

07508 19628 63724 25603 06734 36908 35835 31904 81080 18356
82599 27894 00991 22483 40842 87266 11525 06955 15669 60998
28445 95628 94444 54398 25550 87174 96541 11914 62207 86428
19913 65944 62410 49307 34365 62450 30569 59042 49937 58202
34394 32526 28093 25141
562 44 00000

13945/16350 kHz, 05-01/06-01, 0600/0700 UTC

139 278 52

74286 05657 07194 83572 59962 95873 74799 40802 25349 34181
00824 31550 23139 47972 16940 62680 05276 59740 24458 59958
71659 99328 99323 11783 82612 35025 91356 84117 27308 84449
22411 30058 65340 91152 13153 42462 83627 77886 93136 23083
35835 12465 73872 66647 56505 47164 89562 83306 67080 17591
35209 07912
278 52 00000

13945/16350 kHz, 19-01/20-01, 0600/0700 UTC

139 847 52

19804 84605 33983 03941 75158 93797 01724 49879 32723 79456
11671 70293 00210 04039 70623 46719 97977 07700 46123 25728
78195 22832 32928 20042 74171 39494 73874 81621 09556 70145
77335 57668 22085 87142 98431 65470 81573 31427 76215 47034
06826 15835 43986 89443 11157 71481 54947 21870 31228 10641
90375 25191
847 52 00000

Group Count Cycle net

2 and 3 January: no transmissions due to Russian holidays

9349/13413 kHz, 09-01/10-01, 0210/0310 UTC

537 280 43

16809 92809 31304 49065 53511 24858 06781 65428 44196 92468
64891 01864 83802 17773 28464 08418 77119 72545 70516 95862
81409 35065 17283 44559 19438 99019 11484 14576 98851 14144
34297 49275 98845 63294 09452 89541 10045 05629 37889 40839
38552 40591 36429
280 43 00000

9349/13413 kHz, 16-01/17-01, 0210/0310 UTC

537 916 44

48380 99849 41690 73170 66116 54282 65936 71511 26871 20792
99558 82021 76458 79206 70489 63275 77353 64922 45812 76258
37296 05684 84446 91518 63781 87767 36798 31173 92861 93747
02318 00471 65696 79018 80919 88591 51310 79293 79166 43374
38962 66234 57193 49649
916 44 00000

9349/13413 kHz, 23-01/24-01, 0210/0310 UTC

537 218 45

48517 18839 41331 60765 80616 57368 74028 74033 43420 91491
34160 67076 94679 98624 27034 32622 03969 31297 13612 42050
36073 27862 32813 00685 46198 82297 19238 80134 60435 40261
52233 07378 39911 13617 97240 15263 52073 30595 25373 84133
97539 63793 22147 29247 65952
218 45 00000

9349/13413 kHz, 30-01/31-01, 0210/0310 UTC

537 920 46
82501 11762 69281 58901 71718 57470 09918 92383 39753 46358
25945 70593 21861 15604 82821 93651 57782 34600 55899 55290
76021 20058 74708 08011 38368 52384 73580 59970 43113 85511
05851 84311 63726 03042 69145 63936 67360 97479 66322 93001
19907 52875 89325 51717 99845 23711
920 46 00000

5 and 6 January: no transmissions due to Russian holidays

14923/12218 kHz, 12-01, 0300/0400 UTC

14928/12218 kHz, 13-01, 0300/0400 UTC

361 428 39
87826 11712 74491 81466 88203 38538 85195 77141 73717 83734
08983 33438 83700 84659 11132 44209 99704 85472 69451 58535
42298 39866 81672 86427 43346 91231 60042 40570 98475 53711
30322 00037 29396 42560 77360 06913 10770 27268 04437
428 39 00000

14928/12218 kHz, 19-01, 0300/0400 UTC

14933/12218 kHz, 20-01, 0300/0400 UTC

361 795 40
21123 01851 14008 00830 07211 36066 67934 04520 95081 18124
69781 61682 71220 03867 90830 64052 45939 78030 95655 13969
03271 97476 27031 92654 61120 85688 47181 10234 40107 70734
96320 42178 64532 83868 54421 81860 43920 60959 17124 63918
795 40 00000

14908/12218 kHz, 26-01/27-01, 0300/0400 kHz

361 280 41
09200 29886 85060 23611 74383 66631 86132 31590 06970 90956
04477 55629 32425 62783 77668 48430 13349 65595 50544 46259
66512 35362 38576 79570 84671 13391 10868 81753 49118 52787
41227 38232 43876 33222 00739 43072 07507 63684 90274 55294
83441
280 41 00000

E07

13375/12175/10375 kHz, 1500/1520/1540 UTC

13375/12175/10375 kHz, 03-01/06-01, 1500/1520/1540 UTC

313 313 313 1 220 104 220 104
71320 78217 14774 16768 81563 02107 31165 53946 16551 36732
02370 35174 85713 95355 63042 81997 33352 53629 12732 64382
21317 55446 58832 74026 44408 69556 03132 81647 05654 33270
63351 75741 77739 21941 63155 38384 70367 58214 34454 67275
54637 99634 93884 03235 57632 79906 71781 95917 52369 29685
85397 53902 27480 09464 31424 47227 21900 32465 27832 25005
53028 30649 60322 65439 12771 36365 52673 02715 36525 18669
84364 96661 25932 53150 07671 06297 30431 22351 05358 11383
46862 37457 00455 26183 04776 76397 61919 38308 26545 23812
06325 16420 59573 19417 90808 20473 45470 63715 24534 82526
42465 62081 18912 77823 000 000

13375/12175/10375 kHz, 10-01/13-01, 1500/1520/1540 UTC

313 313 313 1 312 118 312 118
 87661 11446 22544 89532 72405 26580 39049 32492 53069 93033
 82057 88463 12422 40741 57864 88431 57940 61556 37752 57405
 09491 91255 77414 10981 74890 89223 98365 16544 73501 74472
 26167 46003 42694 38733 93013 24996 36861 30159 47097 36108
 59921 21292 17355 06656 82541 09169 32879 26578 62836 91867
 10236 41866 22180 77392 88755 56501 91987 99149 64543 30210
 28688 23620 22690 44497 81275 72339 18525 94390 02162 40662
 37322 72266 77137 58929 17116 11315 36297 94485 70806 27749
 00875 37948 24842 69748 25579 97038 92763 73512 18746 54511
 27363 72647 90659 19986 24970 68982 62930 32365 06590 11460
 12425 80842 32613 24617 07408 68385 09946 01217 77417 34832
 05012 23378 41310 09069 90758 94388 08362 74410 000 000

13375/12175/10375 kHz, 24-01/2-01, 1500/1520/1540 UTC

313 313 313 1 347 126 347 126
 01274 23713 33091 25569 06088 95474 55352 56689 81634 03233
 87424 75638 28421 26140 54961 05851 27521 01106 76926 53862
 32209 74543 54074 45140 29234 78568 91148 80456 25540 95959
 38188 05468 96327 15421 75944 52230 51878 34746 02807 88511
 57914 49709 61771 68881 20344 10008 65122 82575 45432 99051
 62548 87447 80475 24171 15431 54755 13489 09092 51504 62846
 23235 50357 19794 89800 03860 45369 82031 00810 61552 65300
 18857 71327 74702 09816 71012 80785 37857 89594 01605 62249
 99230 72585 48058 67906 09164 56511 71613 80338 31602 65120
 71337 14688 82600 75375 23509 21426 05003 41344 61395 68884
 98824 12879 39847 53603 00200 32355 84172 57826 84401 90286
 82795 51272 88443 45047 59263 37708 10792 05270 30823 99168
 04769 52201 62479 47913 94300 75705 000 000

11593/10293/9293 kHz, 1410/1430/1450 UTC
--

11593/10293/9293 kHz, 05-01/07-01, 1410/1430/1450 UTC

916 916 916 1 426 86 426 86
 88238 49399 68291 76866 49460 44193 60883 27096 90706 23752
 43505 48597 31925 10042 74507 32448 57425 26192 94979 58521
 46139 55188 41263 71976 85278 44244 71342 18851 04404 83416
 85978 55319 76093 05017 67495 93209 11170 90667 40897 70335
 15076 06330 03624 93830 62618 55283 82182 25291 83618 77129
 36751 73921 61267 08202 04668 54873 46709 23744 11572 51301
 61954 04015 63427 13218 74702 21073 40692 43153 36257 86053
 97418 74078 72326 37616 09466 98782 60806 09237 97642 24429
 72759 54331 11533 75461 68443 81219 000 000

11593/10293/9293 kHz, 19-01/21-01, 1410/1430/1450 UTC

916 916 916 1 9461 74 9461 74
 61233 65033 23383 31274 06712 18667 98041 76685 31632 40354
 15122 02630 09486 16435 54068 37292 02644 13542 38298 50711
 11214 01480 05865 80392 40863 83216 31376 06821 16024 81628
 37852 72977 82471 69016 29859 33912 66685 83840 33241 52621
 52564 61205 01181 95614 74449 61795 52120 81086 76321 35236
 44162 02653 83907 57990 65176 75169 80862 30639 39691 38803
 59659 45962 31832 83963 78278 39078 14119 43580 94017 94719
 41725 51368 38399 60219 000 000

11104 kHz, 02-01, 0715 UTC

751/32 Attention

59791 19345 23547 85211 66310 66062 36780 72682 48271 54678
60545 78491 83488 55138 02317 10003 23568 36924 88508 36332
46831 59432 85142 33260 54881 51820 07675 85867 83046 10102
44319 05098

Attention (message repeated) Out

10213 kHz, 02-01, 0745 UTC**5409 kHz, 05-01, 1530 UTC**

261/39 Attention

06859 34402 68187 92470 86723 13372 42141 21861 70177 70701
66642 36786 00000 74275 89251 81818 54563 52501 12843 12889
61944 62862 99136 23499 99881 82498 45427 84696 60626 67624
85141 95187 16451 54036 98078 02792 00552 71439 53354

Attention (message repeated) Out

13908 kHz, 03-01/05-01, 0745 UTC

220/35 Attention

55981 63248 95436 40412 08835 37482 59267 85193 60461 81418
85889 71375 95123 09278 59729 01730 17469 26577 56288 69177
73606 11329 61498 15789 27908 51271 09543 07429 43317 63975
87147 42605 56794 70136 62785

Attention (message repeated) Out

9052 kHz, 04-01/05-01, 0315 UTC. Barely audible. may contain errors

259/38 Attention

04873 40887 90841 96747 08328 79430 22565 60253 56618 38122
63488 90056 02021 63979 89911 84680 78473 11822 19737 58328
59575 47001 84160 41164 80540 08286 74702 51576 91652 41663
06007 64336 72321 28453 33262 01218 16637 41588

Attention (message repeated) Out

11104 kHz, 04-01, 0715 UTC

751/32 Attention

59791 19345 23547 85211 66310 66062 36780 72682 48271 54678
60545 78491 83488 55138 02317 10003 23568 36924 88508 36332
46831 59532 85142 33260 54881 51820 07675 85867 83046 10102
44319 05098

Attention (message repeated) Out

17378 kHz, 04-01/05-01, 0745 UTC

349/36 Attention

03161 66556 91193 40465 84458 43639 82235 08424 31000 17993
48390 91951 22415 28880 88730 80383 77677 73427 99774 41513
61948 60985 59425 22320 45140 38774 58730 11314 26892 31638
32107 71100 99120 83383 81648 10412

Attention (message repeated) Out

5082 kHz, 04-01/06-01, 1715 UTC

974/31 Attention

08415 06270 05772 48570 40502 01945 31789 67753 29733 85776
91940 58883 51733 63318 30628 30430 27083 11989 68856 70199
72409 88873 31591 11249 22638 35161 83368 05568 70405 31859
92373

Attention (message repeated) Out

7850 kHz, 06-01/08-01, 0600 UTC

351/33 Attention

57584 91679 55300 99436 75085 51998 26226 00348 22744 35605
15492 25311 37158 33681 46425 37892 78423 78492 13445 89704
95464 28802 89616 70032 70272 66738 07448 10790 88432 41551
70442 98678 99306

Attention (message repeated) Out

10487 kHz, 06-01/08-01, 1910 UTC

610/35 Attention

11050 14637 85364 24645 45402 74790 86993 06408 00903 71476
02585 86864 03150 84683 92644 20325 95027 02408 91040 23661
38096 09802 78190 62939 03429 37424 42367 10172 66183 46447
28841 82935 72988 85104 94192

Attention (message repeated) Out

14940 kHz, 09-01/13-01, 0830 UTC

189/35 Attention

00918 90730 66317 97056 82636 94832 01912 23602 01175 78269
36379 70705 76961 64638 30621 32745 39054 95167 41218 41760
99346 80865 20573 83740 99722 68102 64986 98967 59038 78098
55828 04039 19189 60835 90349

Attention (message repeated) Out

11092 kHz, 09-01/11-01, 0900 UTC

535/36 Attention

19434 14481 62477 40291 83924 75497 70156 05517 10343 21357
01956 06041 83714 19331 55670 01242 91646 12899 72803 02590
42206 92680 05381 01243 23726 22883 27077 67047 69156 69747
37011 59841 40657 05067 75996 35817

Attention (message repeated) Out

6849 kHz, 09-01/12-01, 1900 UTC

640/36 Attention

42453 23760 61614 57696 92814 84356 87217 11963 57261 77219
73532 08501 88294 97548 32953 85568 14056 01628 19720 00040
09593 02164 86597 96890 84956 27228 63797 77249 92957 51383
96330 05796 79905 02075 53300 68508

Attention (message repeated) Out

12153 kHz, 10-01/11-01, 0505 UTC

330/33 Attention

84764 80315 10912 11571 72386 43557 02459 79344 51954 24229
76853 98666 89122 14215 88333 95538 92703 44936 16300 38317
15494 90861 11924 66994 27490 03330 15391 47040 35083 93075
10824 12388 80485

Attention (message repeated) Out

7840 kHz, 10-01/11-01, 0645 UTC

518/31 Attention

04979 72462 13639 52180 18163 07206 63447 00075 86400 74916
28381 51786 80289 07200 04175 61719 92398 51702 40224 12357
57165 14046 44066 01101 68470 13259 92983 80312 22768 46126
53781

Attention (message repeated) Out

13363 kHz, 10-01/14-01, 1430 UTC

919/38 Attention

63864 96311 55702 94466 66904 90340 66858 43695 84500 23444
62882 00366 01108 62328 79608 25470 28342 13867 50074 31814
88863 87230 58168 08559 94033 04414 19487 96777 87483 78302
93647 22129 50043 79009 47811 81815 99353 51222

Attention (message repeated) Out

5432 kHz, 10-01/15-01, 1605 UTC

232/32 Attention

35077 72086 82133 46362 92832 68694 45847 41224 37931 14348
27359 97673 84245 96543 75060 01796 80392 57908 63791 05742
87531 97983 28595 00086 83238 55837 37445 62270 74839 18514
63077 22766

Attention (message repeated) Out

5779 kHz, 12-01, 1730 UTC

413/33 Attention

38454 61940 61023 91544 85540 49003 04718 94570 25064 84672
77866 33515 85402 77323 60337 63933 57467 58791 59819 49450
34577 60067 46028 96286 17780 36371 11925 93486 44045 17401
46742 08476 55089

Attention (message repeated) Out

5082 kHz, 12-01/15-01, 2000 UTC

522/39 Attention

23494 02413 40269 82132 88755 64407 99234 46374 12465 03361
00705 67504 47905 25242 75674 62930 60869 75072 86239 92129
01520 51615 04573 09305 26183 61118 00968 82838 34812 63014
17275 17558 03440 96533 82946 46936 87824 03906 14174

Attention (message repeated) Out

7439 kHz, 14-01, 1425 UTC

121/27 Attention

67687 58735 80024 78356 74502 94783 25683 20894 28377 64367
57580 20939 29483 47867 76871 14402 08964 87676 66675 76587
38898 98573 67282 57838 75096 96897 65364

Attention (message reported) Out

9130 kHz, 17-01/20-01, 0715 UTC

630/34 Attention

62195 89051 44934 41672 89206 38596 92234 07642 42365 23381
40028 14910 34719 76855 81257 22186 95814 00051 54710 56472
27355 81709 25467 73837 83296 64563 91958 54544 34273 48767
05026 89631 25232 35009

Attention (message repeated) Out

14611 kHz, 17-01/18-01, 0820 UTC

138/37 Attention

35285 51679 64456 45831 77831 20144 41793 49662 99439 87440
19611 62038 43623 36709 62898 93029 44734 92414 95895 17500
80246 43394 45683 91147 59406 04068 65219 70789 17735 36031
89497 65738 55459 65221 23223 26945 18656

Attention (message repeated) Out

17378 kHz, 17-01/19-01, 0845 UTC

154/29 Attention

38814 21905 89938 33062 36490 10052 14692 28189 94565 92290
76134 30777 20823 06957 67727 45649 72470 70374 95852 68862
06611 69329 01665 98893 29480 58423 08985 44849 30286

Attention (message repeated) Out

9079 kHz, 17-01/20-01, 1000 UTC

309/36 Attention

83018 22234 23008 69822 80795 41459 76018 67098 80172 02886
32387 81891 29149 71097 50680 59652 07272 32565 71457 24913
41473 99653 55717 52916 15622 93952 41251 82356 22497 91621
01082 01223 30917 05962 91752 70248

Attention (message repeated) Out

7469 kHz, 18-01, 0930 UTC

277/31 Attention

37435 89996 43643 45063 87349 23530 86669 95949 36192 59709
13893 15783 99153 98578 93531 48251 76375 96262 04130 64891
62866 09535 59039 48707 57878 59950 06835 56066 21742 51386
33912

Attention (message repeated) Out

5149 kHz, 19-01/20-01, 0820 UTC

430/40 Attention

26632 06909 49114 43786 52802 80206 03098 04494 37941 67466
37884 88251 31527 90297 89680 05327 64565 56237 09288 73356
74243 02807 70823 87644 76337 52647 77447 38812 54830 32347
62668 18361 86316 31022 09448 32733 00401 60409 49919 78629

Attention (message repeated) Out

7469 kHz, 19-01, 0930 UTC

277/31 Attention

37435 89996 43643 45063 87349 23530 86669 95949 36192 59709
13893 15783 99153 98578 93531 48251 76375 96262 04130 64891
62866 09535 59039 48707 57878 59950 06835 56066 21742 51386
33912

Attention (message repeated) Out

6849 kHz, 20-01/22-01, 1815 UTC

929/32 Attention

62334 37289 24117 70246 83906 41406 54329 50128 09090 48946
60601 04616 38430 21320 54787 56368 62770 97172 72057 77193
49807 74431 33804 22632 52340 95278 73409 13717 60588 36664
71394 01880

Attention (message repeated) Out

4909 kHz, 21-01/-22-01, 1530 UTC

364/40 Attention

70055 67069 34532 00512 43281 87693 64911 81267 20128 97100
68176 23165 16953 90033 22917 61102 22825 48776 49644 50311
87999 90693 11547 11640 85387 47334 76619 68286 24337 53329
39233 07306 71871 33495 14654 82439 28195 54121 52209 27922

Attention (message repeated) Out

16005 kHz, 23-01/25-01, 0640 UTC

946/40 Attention

38637 79746 94630 94359 07468 08783 55654 84806 32591 40655
07170 13264 83075 47355 70104 03482 96262 96650 07178 24386
56498 15089 93694 86692 76533 29676 32339 70000 54563 96713
50221 31777 31762 64166 90680 30122 66971 94910 67987 08863

Attention (message repeated) Out

12067 kHz, 23-01/25-01, 0845 UTC

715/39 Attention

51175 80055 90444 57465 35667 86321 95652 36653 82815 41743
13655 38145 81051 48796 13366 24359 36276 68831 31647 38980
58685 71886 21728 57011 53279 18631 34310 67841 64436 36490
67922 49297 02132 05829 12463 06604 06483 32036 25925

Attention (message repeated) Out

11100 kHz, 23-01/25-01, 1045 UTC

691/37 Attention

61075 03093 41150 96799 68118 34131 65265 67880 19592 43545
33541 93781 79678 67342 07442 34237 71980 48719 88282 96391
16954 02712 00330 36310 63003 29912 34566 32344 33846 02803
69805 14497 52953 43585 87127 19917 17178

Attention (message repeated) Out

4909 kHz, 23-01/26-01, 1300 UTC

312/38 Attention

32890 65802 36912 44291 93539 52699 49216 42791 41542 16520
56704 01403 03623 54907 47102 10371 41258 78645 94128 00054
51915 36003 39737 32903 31830 87875 84150 61479 98182 58426
43072 93789 49700 21610 65684 45071 55939 93536

Attention (message repeated) Out

12924 kHz, 23-01/29-01, 1745 UTC

242/30 Attention

34837 55750 46753 22186 06540 65187 54848 70730 66233 32066
71208 81071 94441 02910 69356 43609 19366 42050 13986 41310
48953 92560 07789 69316 88527 56306 96644 54011 40577 51218

Attention (message repeated) Out

6804 kHz, 24-01/26-01, 0700 UTC

571/34 Attention

49137 12605 88433 58469 18832 11814 53212 74306 92781 75791
93566 68433 43634 53378 95411 27264 32027 30865 31813 14353
37794 18318 01459 80320 67877 78438 65161 72730 71707 33451
61596 31629 37514 99398

Attention (message repeated) Out

6433 kHz, 24-01/25-01, 1205 UTC

465/38 Attention

33902 62869 57781 96720 54952 71635 13499 45262 75421 62685
79562 70564 31928 46564 13148 55148 12687 18758 78520 73852
03913 33358 26334 88426 71787 82272 89473 89301 61501 40623
32911 31053 36811 61095 47528 76653 86106 23742

Attention (message repeated) Out

4505 kHz, 25-01/28-01, 1910 UTC

394/31 Attention

84059 18338 05979 65815 55121 08630 46793 40232 54860 50895
05111 91952 85223 95692 62883 91733 93968 90206 28311 56504
29026 87105 48612 36375 92018 25532 18910 09697 00619 44738
07535

Attention (message repeated) Out

5371 kHz, 28-01/29-01, 0700 UTC

490/40 Attention

83613 25587 16538 54849 89678 98639 34477 41162 87819 36148
02240 61849 49588 47837 94732 68720 16419 05116 02961 55606
34968 42706 29855 28456 33040 21148 96072 76958 11712 25227
72946 04632 75463 91477 64057 16206 70199 78954 31277 35101

Attention (message repeated) Out

S06

11487 kHz, 24-01, 1220 UTC. Several restarts during the message

9412 kHz, 24-01, 1310 UTC

534 267 31

64463 19081 27226 24320 22024 48684 82574 29418 47791 71382
27783 26053 43994 17829 88651 80898 07353 63402 75935 92043
24877 00931 17714 94579 20533 67806 63725 26049 01240 69692
72621

267 31 00000

10755 kHz, 22-01, 1350 UTC. 1200Hz test tones then S06 "975" once

10755 kHz, 22-01, 1400 UTC. Restart uring the message

975 (R45s) 9 [10s silence]

975 346 50

99610 57011 08905 98124 44 [12s silence] 975 (R40s) 9 [8s silence] 975 (R1m50s) 346 50

99610 57011 08905 98124 44474 59925 92906 47618 50976 45700

78638 13182 26504 77813 91167 33610 07299 23778 74589 36966

46636 89786 33958 94014 00754 44115 21079 90895 10977 21487

25072 25727 05467 25582 53667 58817 69044 71877 16160 71181

54505 38006 43954 11039 33889 13828 09659 32997 13119 68385

346 50 00000

Full recomposed message:

975 346 50

99610 57011 08905 98124 44474 59925 92906 47618 50976 45700

78638 13182 26504 77813 91167 33610 07299 23778 74589 36966

46636 89786 33958 94014 00754 44115 21079 90895 10977 21487

25072 25727 05467 25582 53667 58817 69044 71877 16160 71181

54505 38006 43954 11039 33889 13828 09659 32997 13119 68385

346 50 00000

11073 kHz, 22-01, 1700 UTC. 1200Hz test tones then S06 "352" once

11073 kHz, 22-01, 1710 UTC. Restarts during the message

352 (R1m20s) 3 [1m05s silence]

352 (R2m45s) 681 50

06357 13146 33295 47097 16663 68659 81463 94351 52106 77184

57852 31361 43620 22846 05432 [1m silence]

352 (R1m10s)

52106 77184 57852 31361 43620 22846 05432 59664 07365 03811

76824 26328 73486 19802 90644 99411 32151 46047 19976 04065

82810 23333 6 [35s silence]

352 (R40s) 3 [52s silence] 352 352 352 35 [10s silence] 352 (R1m)

46047 19976 04065 82810 23333 61400 61461 97621 18864 58045

97754 34966 37607 75060 15239 64004 88819 [33s silence]

352 (R2m30s)

97754 34966 37607 75060 15239 64004 88819 50985 42905 86202

37428 73418 08574 64771 94967

681 50 00000

Full recomposed message:

352 681 50

06357 13146 33295 47097 16663 68659 81463 94351 52106 77184

57852 31361 43620 22846 05432 59664 07365 03811 76824 26328

73486 19802 90644 99411 32151 46047 19976 04065 82810 23333

61400 61461 97621 18864 58045 97754 34966 37607 75060 15239

64004 88819 50985 42905 86202 37428 73418 08574 64771 94967

681 50 00000

S06c

15711 kHz, 30-01, 1020 UTC 800Hz test tones, then at 1022z: 11190 (R4m)

15711 kHz, 30-01, 1035 UTC 11190 (R4m)

13499 kHz, 30-01, 1041 UTC 800Hz test tones, then at 1045z: 11190 (R4m)

9057 kHz, 02-01/04-01, 0510 UTC

654/37 Vnimanije

02204 62453 99359 60051 64859 21481 33638 72902 90721 19062
59365 49549 60433 41715 54295 53581 14994 83838 03747 16560
33922 24900 82310 96685 97801 29893 70912 50622 36434 17466
64268 41709 97936 70954 57927 93513 84001

Vnimanije (message repeated) Konets

9050 kHz, 02-01/05-01, 0700 UTC

476/31 Vnimanije

38847 78377 11337 62369 33678 75142 88425 97519 43945 34997
21090 79256 38734 33543 83014 20430 18997 90294 53341 54047
07402 11751 68760 85198 15432 41145 77645 91563 98348 03526
22667

Vnimanije (message repeated) Konets

12530 kHz, 03-01, 0500 UTC

387/39 Vnimanije

59678 90874 60102 94810 95544 70583 30200 53458 95608 82925
38753 45308 73983 71035 19290 30205 94602 10254 90279 10287
31677 27221 56203 34150 99965 89748 75832 41944 70351 69258
25665 07262 44839 26317 57053 89087 71396 77519 48424

Vnimanije (message repeated) Konets

6252 kHz, 10-01/13-01, 1400 UTC

425/31 Vnimanije

03604 71602 84134 20373 81837 60858 58641 44128 46637 31874
58821 99177 49201 22920 10249 18058 99327 76203 40631 20588
13930 65143 33450 21724 59110 02391 50427 16329 80377 12369
43206

Vnimanije (message repeated) Konets

11486 kHz, 11-01/14-01, 1850 UTC

286/38 Vnimanije

95595 95398 08061 73783 38149 44851 60758 75363 49179 89701
04501 81187 51933 24093 15421 60228 74323 56567 12675 03041
36842 12495 76990 70501 19756 49240 94843 35276 46459 98327
87564 94752 79458 57424 81963 17830 95178 85697

Vnimanije (message repeated) Out

6252 kHz, 23-01/26-01, 0915 UTC

481/33 Vnimanije

84167 07102 23643 67984 25885 88694 08177 86827 53260 80286
31268 14874 23416 99890 67616 16544 01267 56540 31386 39600
82121 02258 05912 78626 59984 10660 32893 06265 85895 00244
99595 09516 42290

Vnimanije (message repeated) Konets

11559 kHz, 24-01.26-01, 0445 UTC

797/39 Vnimanije

95667 05928 28407 62168 84257 84794 33363 32062 92047 05111
70089 03825 59295 01289 56625 91057 92884 67190 41952 64833
02277 31855 38167 20248 49162 59160 44058 04130 84149 38758
88005 40961 25515 14533 89401 77792 85445 07482 91340

Vnimanije (message repeated) Konets

5371 kHz, 28-01/29-01, 0830 UTC

376/34 Vnimanaye

56723 75080 94761 40268 02501 81883 41534 19013 53682 60345

52230 58141 30655 18427 14785 42537 45737 97493 58652 25825

69416 64099 99245 94424 27693 82424 43292 91959 07999 37663

30013 89314 33231 91449

Vnimanaye (message repeated) Konets

V07

Not heard in January. Another one down the drain???

V28 "Parrot"

3049 kHz, 06-01, 2108 UTC. Female operator

5498 kHz, 06-01, 2109 UTC. Female operator

3034 kHz, 09-01, 0909 UTC

3051 kHz, 09-01, 0908 UTC

3002 kHz, 10-01, 0859 UTC. Female operator

3046 kHz, 10-01, 0905 UTC. Male operator

5226 kHz, 10-01, 0905 UTC. Female operator

3005 kHz, 13-01, 0859 UTC

3050 kHz, 13-01, 0903 UTC

5238 kHz, 13-01, 0903 UTC. Bad modulation

3004 kHz, 14-01, 0900 UTC

3050 kHz, 14-01, 0900 UTC

5225 kHz, 14-01, 0900 UTC. Bad modulation

3005 kHz, 16-01, 0900 UTC

3050 kHz, 16-01, 0900 UTC

5225 kHz, 16-01, 0900 UTC

3054 kHz, 19-01, 2103 UTC

5484 kHz, 19-01, 2103 UTC

3048 kHz, 20-01, 2110 UTC

3026 kHz, 21-01, 0907 UTC

3050 kHz, 21-01, 0907 UTC

3051 kHz, 23-01, 2105 UTC

3028 kHz, 24-01, 0900 UTC

5223 kHz, 24-01, 0900 UTC

3051 kHz, 24-01, 2106 UTC

5496 kHz, 24-01, 2106 UTC

5046 kHz, 27-01, 2111 UTC. The sound is unclear. A phone rings, the operator picks up the phone, then silence and off

5457 kHz, 27-01, 2109 UTC

3006 kHz, 28-01, 0859 UTC

3051 kHz, 28-01, 0859 UTC

5224.5 kHz, 28-01, 0859 UTC. Bad modulation

3002 kHz, 29-01, 0859 UTC

3051 kHz, 29-01, 0859 UTC

5225 kHz, 29-01, 0859 UTC

5034 kHz, 29-01, 2100 UTC. Spurs on 5028 and 5038 kHz. Ends with a phone ringing

3052 kHz, 29-01, 2105 UTC

3066 kHz, 29-01, 2105 UTC. Bad modulation, On/off repeatedly.

3052 kHz, 30-01, 0916 UTC

3047 kHz, 31-01, 2106 UTC

5470 kHz, 31-01, 2108 UTC

5024 kHz, 31-01, 2108 UTC

5017 kHz, 31-01, 2110 UTC

VC01 – a.k.a. Chinese Robot (Chinese Air Defense)

8049 kHz, 06-01, 1103 UTC, USB

8049 kHz, 06-01, 1059 UTC, USB

8049 kHz, 08-01, 1556 UTC, USB

MORSE STATIONS

M01

5465 kHz, 01-01, 0700 UTC

197 309 309 30 30 = =

32708 56905 12681 79351 94800 70382 93652 17140 95105 03861

70503 54090 32806 91504 63751 13793 77560 93801 46403 17941

32840 95730 01746 70308 58319 17813 41600 32385 74170 81941

= = 309 309 30 30 000

5320 kHz, 03-01, 1800 UTC

197 591 591 30 30 = =

34565 78098 84538 89043 67323 78945 89455 23445 98439 23905

56759 23444 57678 23431 78676 53489 45632 89980 45644 53467

47566 09878 45600 34655 97861 36546 52347 67987 34565 56876

591 591 30 30 000

4490 kHz, 03-01, 2000 UTC

197 673 673 30 30 = =

45766 78097 54677 54234 79807 36456 09789 56876 09897 45645

45676 89723 56457 07892 56783 56784 69785 08976 78907 63455

45676 68797 23455 78098 45676 90789 45676 78908 46756 34657

673 673 30 30 000

5320 kHz, 05-01, 1759 UTC. Errors/different repeats in red

197 305 305 30 30 = =

13475 90183 67905 42412 78461 30931 68507 15801 93441 60695

40841 63211 75849 59401 38731 **78731** 95601 79613 58903 41861 64305

1783 173 108 081 05691 511168 11 48605 42853 40947 31805 64791 40382

= = 30 30 305 305 000

4490 kHz, 05-01, 2000 UTC

197 706 706 30 30 = =

91781 30151 12593 60312 47901 03812 64809 57392 19804 57305

95603 27315 39704 31861 19384 60805 03704 95371 18604 30812

10748 37508 95130 06851 16805 01720 75916 31804 13320 95731

= = 30 30 706 706 000

5810 kHz, 07-01, 1500 UTC. Different repeat in red

197 451 451 30 30 = =

27032 01042 47107 47163 91730 51952 71951 37139 83175 16392

17420 25129 34165 47105 52415 62571 70914 **70941** 81741 93106 10527

73419 57381 29095 36185 41628 73519 30170 81041 41960 77142

= = 451 415 30 30 000

5320 kHz, 10-01, 1800 UTC

197 251 251 30 30 = =

88176 09187 81736 14536 87165 24151 01871 20917 45361 03716

01874 47583 91877 01742 76171 35372 98175 55167 09176 11763

05874 83871 85743 01876 17165 79860 78960 47638 57689 35478

= = 251 251 30 30 000

4490 kHz, 10-01, 2000 UTC

197 547 547 30 30 = =
65784 91874 17635 09175 47637 18725 14256 09176 37627 15376
98575 46748 16534 09164 15342 87164 14251 97860 46578 59832
98164 53636 16536 17624 87163 87164 98176 54161 11536 77151
= = 547 547 30 30 000

5320 kHz, 12-01, 1759 UTC

197 815 815 30 30 = =
27032 57138 90956 10842 70942 47583 28670 40670 37068 10974
67089 40821 42801 80840 41307 61240 28601 18670 37584 28093
54708 16408 45170 68461 28295 48170 40761 73428 31259 80940
= = 815 815 30 30 000

5810 kHz, 14-01, 1500 UTC

197 917 917 30 30 = =
10937 76171 98176 35264 81762 09173 76183 75648 65176 09173
75684 22651 15241 36527 37465 18715 09184 76895 34261 87165
15426 38716 91736 69850 36254 47618 91736 15426 87163 91736
= = 917 917 30 30 000

5465 kHz, 15-01, 0700 UTC

197 645 645 30 30 AS AR = =
58748 35463 15241 11836 71625 81762 01836 16254 47594 01846
86951 65748 34261 97856 34211 85768 35467 06984 75613 31425
09164 58026 33095 58403 15271 61536 81735 01624 61526 86904
= = 645 645 30 30 000

5320 kHz, 17-01, 1800 UTC

197 139 139 30 30 = =
02713 64806 32695 10137 08531 44351 06937 64813 95302 03804
32609 84603 95730 64830 18461 37217 64606 95170 61816 04859
50916 63802 44371 28715 30691 28312 37162 75815 94813 63851
= = 30 30 139 139 000

4490 kHz, 17-01, 2000 UTC

197 617 617 30 30 = =
60851 53907 28601 32841 58903 11861 30152 13204 41604 17302
75190 64159 18495 20844 37524 42395 21463 53641 20314 41815
16137 95188 01614 27152 38604 21901 34816 40302 10243 13804
= = 30 30 617 617 000

5320 kHz, 19-01, 1759 UTC

197 501 501 30 30 = =
01042 58090 17080 27580 50890 18690 90960 27032 44092 50901
10802 90867 80170 75902 64060 55030 43801 30981 20894 12040
09032 08052 12031 25061 13093 18094 34090 17805 20950 27032
= = 501 501 30 30 000

4490 kHz, 19-01, 2000 UTC

197 729 729 30 30 = =
27032 01042 80904 37080 47201 70903 26801 60902 44050 80860
19080 20790 39070 43049 56080 61083 70945 80310 90581 10603
78069 36104 71860 77106 21022 28091 23111 27110 26082 09041
= = 729 729 30 30 000

5810 kHz, 21-01, 1500 UTC.

VVV VVV VVV at 1445 and 1457z
197 775 775 30 30 = =
50989 14324 35465 76589 09098 25434 14234 56746 75678 19098
65765 48789 50989 35416 37265 38917 64536 47567 48909 36545
25344 11545 36676 49890 47654 12321 35434 57678 49890 36545
775 775 30 30 000

5465 kHz, 22-01, 0700 UTC

197 803 803 30 30 = =
56467 19890 69877 26545 12235 69877 38790 46354 19090 36545
46567 89800 13211 46534 68767 59890 16545 47656 89090 15433
89987 24432 15434 76689 45654 80098 15432 68789 25434 09988
= = 803 803 30 30 000

5320 kHz, 24-01, 1759 UTC. VVV at 1745z. Transcript as sent

197 185 185 30 30 = =
76857 76857 35463 35463 28576 28567 97867 97867 23585 23585
90864 908643245632456 7685676856231652316565936659368761987619805625056250543505
53612876128763527635277498774987193761937637 185371856285762857254672
46978639786345276527631425312 749687462649026490816381 5726457264572645891058908 54665784658
= = 185 185 30 30 0..... 0..... 0.....

4490 kHz, 24-01, 2000 UTC. Transcript as sent.

197 446 446 30 30 = =
9809098090878698786968769687695768657665678756787404114041145765457651020110201342533425365742657421324313
2430909809098298902989035443354431765665876987638877E82233123365453549841653415165441654427
727191989979815433136453564535909809813244134876038760
= = 446 446 30 30 0..... 0..... 0.....

5320 kHz, 26-01, 1759 UTC

197 706 706 30 30 = =
45365 76879 14235 65767 89909 13243 54709 15426 99087 76589
36547 86789 11324 54098 64565 37689 22341 09087 46578 36577
35426 46578 08097 11234 63542 46576 48769 36527 50989 58790
= = 706 706 30 30 000

4490 kHz, 26-01, 2000 UTC

197 654 654 30 30 = =
54365 76756 98099 24315 35423 57648 59870 35426 35455 76898
43546 64578 06980 24315 64576 89009 14232 35426 75648 08098
54436 13243 76890 46576 35467 87908 35465 77680 24315 09087
= = 654 654 30 30 000

5810 kHz, 28-01, 1500 UTC

197 322 322 30 30 = =
04631 19047 27032 38601 45375 58401 60941 70853 80351 90519
10574 11580 12370 13021 14023 15043 16089 17056 18541 19043
20197 21078 22054 23061 24060 25084 26018 27049 28017 29085
= = 322 322 30 30 000

5465 kHz, 29-01, 0700 UTC

197 096 096 30 30 = =
27032 01042 26082 59370 10302 60703 20604 10070 29060 67051
28091 23111 27110 09041 25061 09032 12032 21022 08084 18094
13994 23111 90801 34080 17590 34186 20806 45408 45451 27031
= = 096 096 30 30 000

4490 kHz, 31-01, 2000 UTC

197 402 402 30 30 = =
42815 31904 58910 67419 33950 07395 71891 85607 10302 50816
95412 32871 63905 20471 58913 41860 20343 38601 54029 73806
03205 64091 69840 10382 57903 04392 71092 05946 31607 42819
402 402 30 30 000

The odd M01 station that pops up every now and then, seems to have a fixed schedule on Saturday and Sunday. The signal is most of the time very weak and largely unreadable. The ID is 475.

9566 kHz, 28-01/29-01, 0715 KUTC

475 703 703 50 50

34 _____ 51447 01496 99922 37719 58894 24528 75230
85828 03207 02260 92648 20987 15_73 62618 24457 20104 42362
61421 xx838 65502 85025 80376 68959 04694 08527 03253 63818
59249 66932 41772 12840 99998 99823 36023 92933 38780 83188
95460 57586 95658 79660 24719 89623 90830 73813 20938 58995
= = 703 703 50 50 000

M01a

3232 kHz, 26-01, 0612-0623 UTC

472 472 472 24187 24187 (R3m20s)

333
111 000
111 000

M12

17418/16318/14918 kHz, 02-01/05-01, 1400/1420/1440 UTC

439 439 439 1 429 143 429 143
33732 41858 70090 31002 08957 25362 46217 30549 75822 95213
52330 47918 79672 35349 54826 34390 09447 61945 85328 32872
81056 47073 51880 76521 57275 90996 94815 18950 76815 07623
28568 78691 28468 79886 02364 70263 91765 22122 74509 64436
42800 79297 45118 31019 49057 91895 31478 21476 05033 82749
49863 94889 40999 32128 20559 42178 94383 20801 76130 72063
52164 20397 29389 03742 07171 03570 34672 21054 91095 08046
20619 02306 38019 43163 79815 47604 78957 60776 33496 93619
52613 75164 03706 68593 60846 59463 75771 76390 29714 49729
42855 49437 03876 20198 13642 02858 50107 27017 73612 21927
07116 57404 17646 28261 31339 26008 55551 97767 11166 81948
88920 56726 77067 13128 30324 04518 14587 19579 58440 07661
81780 25370 85754 88132 05880 50469 81757 42682 27911 48818
51509 26449 85209 29240 15438 34281 30605 03155 15141 02195
59359 73546 66738 000 000

17418/16318/14918 kHz, 16-01/19-01, 1400/1420/1440 UTC

439 439 439 1 258 157 258 157
86663 32184 20334 35437 51047 28578 69561 41293 42833 94950
76282 34387 23222 14308 73808 07208 59794 13271 46291 70261
15055 19623 47729 41518 20149 99334 30931 56310 42996 98690
37414 41038 00900 40666 63056 25156 91006 97482 05443 61205
68502 29872 44860 58500 67908 35678 58334 03292 95770 04140
56093 35901 18571 48343 74785 10238 06381 28064 47152 67934
10098 21481 47374 21760 85410 83507 80984 52764 62558 35941
21287 96847 58579 49275 65932 25603 84995 53867 22244 28950
65645 11809 37264 98692 07889 40040 34345 72566 41391 86247
32019 19541 31753 98403 02454 98690 19312 68581 28384 68195
71498 94198 11679 43153 07407 61947 25696 31742 77700 38384
06855 31336 01593 92305 96451 37742 40691 77893 00955 12887
46450 95339 91281 35082 26890 39425 15169 46905 71413 32511
15103 66262 43827 68600 02618 62690 20837 26560 40888 00275
88638 48968 84756 56025 06123 76039 14846 21365 04283 78649
26582 00509 12308 18174 21854 26848 15738 000 000

17418/16318/14918 kHz, 30-01, 1400/1420/1440 UTC

439 439 439 1 433 109 433 109
65736 06845 69162 41271 45409 58161 84864 92063 91565 09961
58843 90563 60619 58164 04520 98968 42985 98746 03683 51155
64258 37189 59428 13020 30175 55923 43939 90950 85298 56537
36142 81843 82644 18061 89687 49337 63495 50797 45144 55627
20454 62125 64467 61419 12042 00254 39172 35929 05865 53049
56561 28260 50010 04430 29443 64807 64849 52129 14117 83232
15845 42251 11596 10704 28389 83686 04314 13023 09214 42344
14017 36710 62152 78017 02941 67401 53530 08479 54494 11401
59226 58827 59246 07949 03146 90626 21750 33324 19505 34693
75735 64630 78962 89353 20702 70391 29346 57503 58542 48408
57315 45442 04105 04688 57693 78148 05869 65861 15575 000 000

5886/6786/7486 kHz, 0030/0050/0110 UTC**5886/6786/7486 kHz, 03-01/06-01, 0030/0050/0110 UTC**

874 874 874 1 206 164 206 164
81475 36089 17663 12984 81927 50693 75768 65442 06667 37226
90638 40438 63468 81857 73992 17340 27137 86925 88255 13502
15808 03365 23708 23633 28756 46253 59203 15351 64271 75951
31498 49466 16874 46101 08422 92639 85293 83430 70834 69198
59612 69340 92125 94003 09818 91203 60009 14496 76650 64903
10625 94258 14233 88124 00642 71094 36758 42417 39431 26708
80041 84889 04748 27827 20759 60178 81892 98415 73649 42207
45891 90266 33985 35208 41677 55649 92994 30767 50743 70079
10723 51197 38862 33783 54115 50257 31701 86142 13273 47272
69505 46939 86784 98906 95934 63133 22649 81641 92068 56943
54749 30985 59252 92198 01391 88803 07924 72119 01077 55422
62541 17430 73286 51575 71960 74047 58599 33538 50919 87988
47926 79391 06818 42285 28585 94157 31089 18088 15206 90301
13680 25325 38263 90437 43753 55981 78324 79590 68768 85321
87118 29979 83868 35996 58306 44868 73690 79715 74529 01145
67013 54239 83500 34670 36765 42184 91695 15027 40749 95317
37960 91286 77409 32641 000 000

5886/6786/7486 kHz, 24-01/26-01, 0030/0050/0110 UTC

874 874 874 1 143 184 143 184
04996 32530 55971 68632 41298 25979 14682 39362 24464 87339
17160 23727 07217 16948 28333 65973 39814 06954 51978 27804
96922 64307 61734 85197 12922 01100 52489 30097 47514 91915
80667 01339 78525 24965 21923 00346 42323 70884 83560 99177
18815 40920 32353 48913 93758 37616 17855 82117 79534 79195
11049 23596 57392 74802 64302 30165 39364 64631 92219 36236
05587 54036 39280 70893 87186 18505 21225 55649 18263 46172
85807 51557 61376 18529 20286 61088 44448 14667 80659 31352
83394 39651 35593 77750 38090 52875 82725 92703 00188 54355
30456 84753 70494 58264 45936 06174 04673 59727 31471 90851
73323 01643 61150 79731 51497 55362 34221 23331 10171 86517
92756 96737 24972 04325 98083 46503 82666 74883 18801 42521
64037 95387 09712 88525 71122 44367 42703 89553 70345 89943
94332 59498 35711 84656 28071 75918 29728 99514 06517 08138
70223 66134 62257 25854 05133 64464 56876 05587 18295 24284
63928 55827 81921 33051 19081 58589 95966 49683 55121 98732
17594 02199 31961 21325 09742 02154 84202 27601 73197 89446
93197 49037 29830 53356 82677 74671 67708 31570 77770 00603
74276 74966 03203 87698 000 000

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

16357/17457/18357 kHz, 04-01/08-01/11-01/15-01, 0800/0820/0840 UTC

343 343 343 1 383 218 383 218
43640 55229 33367 28840 42923 34041 07335 14491 46473 24064
90208 78902 33206 22849 99434 59996 76581 76027 13943 80371
44240 84615 04597 09587 80390 24226 93409 60528 97144 80059
54565 95952 42723 78928 71580 01981 76673 59574 18121 49661
05872 50386 79130 69362 88015 01128 55618 42409 08502 14262
61351 29964 56570 71912 47846 99766 18198 59280 18028 98560
13192 36727 05011 30264 52639 73058 91415 81260 26438 31847
87690 21290 03024 63836 48807 27060 33434 56410 82942 55856
53585 90388 33799 32769 38583 32464 14691 48079 76474 37126
29737 75237 47306 41122 14000 03549 48798 19962 25925 45225
79449 13769 32912 01440 63807 73210 40551 02970 56336 89946
28702 18956 41306 45564 98710 45961 70540 53671 81997 62979
85048 85648 49675 58704 11682 62798 09370 07049 26501 68886
05838 20932 25351 34107 12843 24563 11791 02558 57805 34481
03773 68969 22852 34760 51229 56820 39447 27014 36505 92846
64452 99511 90690 27022 77276 71686 16980 86993 21480 40823
58680 97831 06502 32809 27359 95636 39345 09810 11093 26521
13883 02234 63591 78106 14890 53398 57747 28456 63683 67243
66185 18417 12049 26751 35879 40958 97251 91866 67625 28173
87473 15771 05441 10030 78841 59055 46482 45646 75581 92115
71031 27922 80740 91406 43071 52096 17372 25609 67204 07745
87712 11106 46226 30671 79124 86264 64361 93686 000 000

16357/17457/18357 kHz, 25-01/29-01, 0800/0820/0840 UTC

343 343 343 1 434 224 434 224
93523 00383 51287 35424 39539 54867 43825 28191 75541 29038
53456 59413 21214 93124 45606 74406 75630 31211 86020 24723
48025 97538 30854 44237 04803 97370 20586 78857 03750 31493
36254 64582 25348 69105 84997 22416 16180 55450 68308 56944
90431 12285 24430 23133 56493 95001 05154 29057 14353 36404
29923 55516 74969 07948 88589 68926 16814 76155 12502 26356
64923 63278 26652 04215 15882 38324 69553 91078 15189 48466
46860 41015 22351 37330 49467 77247 49534 92787 14190 46331
16288 93555 56797 34995 01697 56080 47416 06945 33917 76272
42013 41363 03613 51754 75356 52682 29842 05055 99170 72694
00539 01401 20594 44028 22491 70103 29741 11494 11519 61894
08208 88457 55652 63862 57829 75266 86312 53538 99407 80252
01478 93447 04921 74403 89933 63017 68903 01828 39982 88001
27717 43715 25832 05057 95676 17419 90407 06963 94200 44250
71167 60939 83973 78341 11823 73148 11924 47662 87810 78318
92038 13267 08229 68914 70726 77560 37720 78485 92590 88414
00280 03552 77531 95195 32288 38938 82267 67179 17202 36268
13304 95262 20190 54442 31635 97853 25847 60395 06852 83345
44815 12605 64454 80167 24221 44696 73192 07288 38507 41696
81679 92467 17216 16853 37882 59146 61205 54088 10490 09044
63372 82449 52328 90038 58021 75946 05792 74315 02046 16887
21515 08729 51337 01228 96144 11988 37415 54347 41781 60526
21193 93945 59273 09119 000 000

5778/6778/8178 kHz, 2200/2220/2240 UTC

5778/6778/8178 kHz, 06-01/07-01/13-01/14-01, 2200/2220/2240 UTC

771 771 771 1 200 98 200 98
53133 73868 12671 37012 66130 50037 03287 87730 09692 66656
89257 81901 14583 20770 85515 54344 92369 74233 37723 48175
68690 96853 61381 98218 89900 97119 80238 93813 86411 94021
57808 01985 49095 15283 19922 07042 15304 75648 97634 17137
68383 05665 24429 77033 70379 45077 14660 34333 29202 65573
03606 79599 84280 34235 47356 36502 73489 79674 50130 05674

37397 35313 53554 82598 29861 51997 63050 55513 12594 27366
58711 23771 35728 14622 96835 93452 95873 54108 21633 30969
43913 94150 27119 80167 44051 60993 01788 74099 46077 71892
78552 86426 77405 92817 87415 48522 28976 21652 000 000

5778/6778/8178 kHz, 20-01/21-01/27-01/28-01, 2200/2220/2240 UTC

771 771 771 1 293 104 293 104
73592 64515 67522 44278 43781 91207 98196 14900 09149 67336
39322 47262 79297 32804 93091 70297 67938 00977 22419 99895
06551 82815 12190 26544 27467 19131 16281 09429 91078 43077
53092 82192 67190 73864 17793 16744 19306 34822 39611 78899
40534 88317 58139 38649 73049 17074 62105 70316 23517 30457
67910 76311 17006 27977 73180 77928 45981 54882 12164 78994
93624 48152 55061 05967 08343 43977 44240 47871 59310 41379
78704 19700 46450 71890 80597 08988 59201 60518 95019 03210
41117 15919 52705 69846 14166 86796 93171 50636 34710 69416
31796 19933 40587 53781 94299 21038 78878 16017 94494 78253
11618 03072 15113 02764 000 000

12205/13559/14728 kHz, 1230/1250/1310 UTC
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12205/13559/14728 kHz, 09-01, 1230/1250/1310 UTC

973 973 973 1 621 65 621 65
65992 62356 25924 38616 12416 66853 79263 19374 28781 56905
20611 30726 94828 22282 45964 25690 96800 73159 11004 80499
33171 70968 83816 25710 91781 24816 10707 65183 63561 72832
23289 15268 32897 86740 74884 66074 95494 87805 03409 45593
05434 74343 55528 77858 07789 49899 00143 40046 43470 58221
66912 27640 86442 43183 76394 63973 66672 41010 74647 88045
17484 03066 97804 10718 33976 000 000

12205/13559/14728 kHz, 16-01, 1230/1250/1310 UTC

973 973 973 1 3325 61 3325 61
06693 17199 47541 25914 52549 25603 37506 11145 33019 30851
32540 70291 61165 71570 13451 11445 16089 11099 09129 22352
15140 97039 66730 90274 51589 12169 97813 65570 41702 42729
19617 09259 75349 87694 44460 43555 94977 91643 62082 87304
65874 74912 73700 26660 71167 24631 70508 36120 41425 35980
20697 53102 38504 68617 64465 66904 74839 74533 94106 55479
48813 000 000

12205/13559/14728 kHz, 23-01, 1230/1250/1310 UTC

973 973 973 1 9527 64 9527 64
83081 92805 08774 45607 22410 64113 64849 68401 02573 21799
71057 58975 50779 50288 60596 97778 46116 53273 79754 94777
19913 65197 80191 99513 28540 63946 49906 56089 92395 67745
09635 34406 26622 81125 28714 94593 85596 52543 12916 36176
56582 21596 88467 60756 65684 08541 33728 20674 47685 27249
28510 99631 36073 51285 64012 88832 25149 48628 23250 77849
15483 78382 01318 74588 000 000

12205/13559/14728 kHz, 30-01, 1230/1250/1310 UTC

973 973 973 1 1570 63 1570 63
73255 08292 78555 50943 85259 67356 74347 32875 29936 05348
98670 21759 35725 34181 22281 86888 04877 88644 25272 62682
64535 66751 62868 87956 58639 70464 69052 59510 21028 96593
92117 88138 62005 61342 91843 37349 04435 48974 77134 00972
73163 74673 04747 17750 72594 29402 37511 63898 02133 39762
33474 58110 79550 28520 78870 51151 32879 93876 82680 06631
54455 45769 46507 000 000

6782/5882/5182 kHz, 11-01/14-01, 2000/2020/2040 UTC

781 781 781 1 509 161 509 161
42774 35149 27816 66103 47575 94788 51808 21932 36007 76000
94175 36325 75292 21918 65730 32710 75554 34673 46708 77361
66507 93741 72646 25200 19610 13936 39468 05153 99676 65061
57557 26807 76960 12677 78947 19346 19781 50216 53359 20883
30034 36884 98913 59311 86241 38255 62994 17313 84835 31877
84898 47641 12465 83547 76362 73795 45778 53699 23671 20937
43197 72877 75869 48292 61636 48928 41870 35408 64349 51120
43613 91500 77841 35036 08790 97111 49249 75024 56355 29640
46410 25129 79056 48240 49403 53231 03328 08877 03180 16626
95488 66556 39892 68893 34961 55509 31051 43552 49539 60864
79863 43839 58767 84662 41935 49162 94038 41687 68659 62375
96840 78118 92319 06552 51141 43181 72965 59103 74802 99834
34999 95274 16655 14622 40078 81577 36075 04929 93536 68894
39310 10292 77606 69662 21056 87488 06030 72742 01694 66755
16747 22325 92176 36576 93164 81951 69605 86354 02347 41117
98631 16994 72687 20021 88213 84033 97305 65304 10517 82098
15688 000 000

6782/5882/5182 kHz, 18-01/20-01, 2000/2020/2040 UTC

781 781 781 1 9531 175 9531 175
18475 82292 12462 28373 17341 77533 09624 18191 29052 87373
44687 43553 08078 61501 81447 17874 14197 92615 99374 87754
50688 41507 75734 15998 73493 05398 66402 44193 53985 57435
53904 06415 97851 64599 17486 17738 25757 15792 78051 34895
85360 14336 67569 54915 70924 92049 08727 28492 74298 52481
36009 96648 13702 63853 73436 32919 65362 77128 57229 18983
22362 72354 54125 07944 10890 64322 01145 51176 72150 94926
00878 52576 06942 04113 84039 37899 98206 81018 76288 82085
86404 28488 52289 03618 49051 43423 03840 74580 48565 06441
74525 17662 08618 71911 45553 33886 70880 72357 78203 28570
85245 78809 25773 32935 13115 85210 82274 09893 26360 40229
08458 16466 77155 15013 69438 78286 67121 29197 86516 03372
36935 05646 46101 93621 41055 16063 29535 99656 43492 95326
36154 47797 66307 08399 83773 23014 68053 42533 90231 52346
72142 14763 35431 51547 36956 87408 16293 62102 81260 65574
48913 53381 60639 71880 68960 22994 42549 69150 35957 06258
82063 59560 94489 65348 00908 85556 78336 62693 77417 89497
57560 48476 60781 79628 14843 000 000

6782/5882/5182 kHz, 25-01/27-01, 2000/2020/2040 UTC

781 781 781 1 280 183 280 183
75714 54282 83199 09014 03237 59099 07314 05210 07204 43183
13872 24445 99947 24512 83259 76850 49618 61720 80436 16404
72693 25484 50491 98197 70246 62620 42357 01347 84564 89657
67964 67701 96124 11067 62053 18538 78704 10277 58696 89747
05416 22006 78518 09144 50573 27783 29475 47088 32428 56411
13366 72413 36125 82571 11571 76252 52980 59745 26930 42681
88163 56986 09059 60243 05201 38636 76594 80675 41112 16680
16376 29726 47043 34021 00931 04607 32906 56715 76860 03125
50787 62541 44875 42354 58969 82071 60887 91691 87788 33024
96883 96745 31538 98883 51453 28157 48830 40933 25194 17096
65804 15132 90403 89308 83984 44726 36670 92837 57408 19674
90224 34900 39274 17555 15031 12810 41321 18008 68612 25552
08350 56550 71621 73405 78367 94792 67131 15508 56473 83135
37360 56341 56258 87432 02084 49346 85698 84757 49860 34485
42986 06893 23565 62190 94259 30960 45480 47977 99054 15638
37766 59116 69845 81614 17640 29682 61624 75929 39229 45582
54018 47156 32252 67552 38672 83582 48860 83748 20034 05783
19640 38519 14845 31104 29056 61865 30211 40737 31596 91173
64109 96283 36887 000 000

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

13386/12189/11491 kHz, 12-01, 1110/1130/1150 UTC

725 725 725 1 9701 98 9701 98
45873 68368 56626 47465 09816 69955 93176 79686 47959 02895
08269 56706 68819 15868 41690 30315 31004 11580 12510 68758
53110 92265 53653 47868 99057 25583 42729 99995 89825 75085
80169 53647 46321 35363 58819 00779 64634 31133 62510 15612
22340 02079 45641 90087 24926 23607 44677 41124 10440 06001
14830 72188 65994 09876 88836 10546 53685 96379 10337 61408
17233 36469 77612 38134 35175 84469 95555 80252 32682 43213
79155 55585 91769 12164 35610 08351 42321 94909 12442 14991
12560 23943 62970 78549 62061 81688 68449 26629 54463 95795
38594 91951 17067 78587 01353 18331 33735 73409 000 000

13386/12189/11491 kHz, 19-01, 1110/1130/1150 UTC

725 725 725 1 7702 91 7702 91
74286 32761 45300 56439 75539 75485 73551 07433 51236 63807
24243 29898 87804 10899 81003 52172 46403 30118 18444 72194
55909 03107 87064 23871 09618 96555 21227 97313 99048 38802
44484 68819 37544 85795 49641 18125 18531 86480 09219 13600
70857 47063 86568 42226 11984 57540 82117 09056 06742 33525
90338 60001 72555 54497 51666 53450 21281 78730 99939 70296
98650 73772 35409 59747 76087 52368 41591 35783 41007 34943
73719 28774 40098 20595 02803 66013 13830 13398 57048 30025
39093 55782 57633 11787 86509 22319 65860 13905 56573 81717
23246 000 000

13386/12189/11491 kHz, 26-01, 1110/1130/1150 UTC

725 725 725 1 5791 96 5791 96
84295 64833 97164 70302 44483 32169 08538 34193 51112 31314
20342 49462 43142 02781 39378 32389 19026 94114 49478 29781
13400 37669 16860 53973 50646 34685 35448 84013 28422 70863
90956 07036 90805 82471 03741 76318 35946 26988 13644 19366
56152 63448 33943 31342 93680 76209 72742 63410 91494 74210
05937 29245 90441 16416 96243 88732 24198 13370 71050 96073
19040 33508 42812 59560 72719 86633 18901 33794 78285 52825
91375 81842 76167 62809 12612 90964 57384 04142 15267 16518
24833 74256 82206 92326 20377 69930 25772 19946 51684 92207
83246 11067 75843 25575 02950 04437 000 000

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

11435/10598/9327 kHz, 21-01, 1800/1820/1840 UTC

938 938 938 1 9703 79 9703 79
83573 88112 95017 25201 92976 22211 71513 24049 59019 10599
06409 53710 66004 80885 84715 91785 26211 16427 96933 98070
01741 68350 35968 93983 15606 15486 11074 09894 23913 37353
59149 54680 14599 25117 04940 76572 31840 10679 53093 75020
85172 09731 89856 96087 28321 74002 96264 70000 22260 64524
18158 92155 68712 17218 85785 96715 39750 04674 51573 35139
81445 60308 34701 71102 61463 70041 44327 14394 91580 13456
23012 77718 60884 80520 27262 55551 35589 03109 47207 000 000

14672/13473/12173 kHz, 0300/0320/0340 UTC

14672/13473/12173 kHz, 05-01, 0300/0320/0340 UTC

641 641 641 1 519 118 519 118
61800 14805 03443 40851 13431 77549 57873 82155 66250 20068
72447 61803 37307 61595 09391 56955 53714 88311 57221 30860
45535 04358 62931 59908 81769 79534 41804 47961 22754 55361
15867 75170 27570 12776 46470 54322 66242 36433 23943 26665
24613 70419 31703 37425 64089 03202 83292 59385 91028 44852

97332 73883 89753 46802 20819 96635 48177 83575 13927 49662
95686 84455 43756 04244 79881 62711 87626 43302 64230 59010
35295 03303 07284 37626 40783 59217 31004 43704 46488 33457
94226 85447 32387 00224 72700 21534 81959 91313 54565 32272
40789 53202 73185 49637 92583 83230 86479 28533 68908 54165
62436 21113 40766 82250 17224 70575 55804 29599 35529 83654
52143 38902 94114 24706 34815 94842 07976 20946 000 000

16253 kHz, 09-01, 0010 UTC

16253 kHz, 09-01, 0010 UTC

294 294 294 1 9926 184 9926 184
36592 64792 04556 77938 09919 83015 71284 85409 05146 20521
45646 54929 66217 43532 62332 89383 21921 19896 99913 27262
60691 27944 78816 26546 84966 95065 08844 97772 37330 85071
16498 34270 22394 53686 09276 27407 22167 99497 53089 93294
01807 26710 17609 89724 79957 34159 67469 44717 44944 57791
19148 79314 77210 28000 97572 07612 26057 57370 95357 57114
07827 83111 26746 03139 31403 79998 39431 63552 66467 20426
45043 32287 33864 67663 08442 37076 67249 14126 31375 64830
30836 60691 74148 87546 10860 70393 88343 32627 84495 49758
66440 66589 84157 74745 70012 02664 88875 50200 63995 64387
81252 27502 93663 34319 70908 32342 60713 60582 02687 56682
20674 16349 04548 99059 52765 74752 19953 21110 46492 49772
64341 38762 41681 67052 72054 52644 91725 27661 24807 69754
42117 21876 67626 43401 29311 11800 72292 53631 84899 11565
40231 15046 42788 52888 35533 16425 39211 19541 95037 88022
64129 37986 82623 18351 50999 85322 32325 47232 52029 16261
85830 13362 59286 87573 45583 37091 61812 62340 23251 33688
19026 35749 18781 85140 62510 36516 40395 19277 74252 71984
71423 15238 31900 85736 00 000

M14

No transmissions on 2-6 January. Russian national holidays

12211 kHz, 08-01, 0502 UTC

Up late, then into inverted morse, then unmodulated carrier, then back into inverted morse, off at 0507z, and then back up as proper ICW, still in callup

10243 kHz, 09-01, 0520 UTC

952 187 187 52 52 = =
61053 58809 50682 20250 17875 23703 10228 99138 96922 36007
27282 13152 66078 54084 63458 44362 80699 54709 77504 35892
78347 10419 30809 63220 54066 59696 07078 76290 89678 47177
82097 92106 35517 26059 04548 42509 68033 39907 73770 06803
71727 26040 25460 83951 18829 07691 61202 83997 45169 67116
82787 43413
= = 187 187 52 52 (no closing nulls)

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

952 403 403 51 51 = =
80052 32593 37313 60872 52804 79846 60481 58395 84653 39456
56353 06846 72282 03994 08562 03281 70383 68962 79852 62576
34081 88675 10224 01875 09895 74807 28435 91916 61173 67314
25351 17461 38934 32396 62522 13973 34059 67209 14467 72773
71767 15992 68080 31821 34317 27312 27605 94339 22862 07115
98611
= = 403 403 51 51 00000

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

952 617 617 53 53 = =
05675 97041 24422 11628 12094 26196 28435 87664 95866 81638
81816 01711 30344 62976 46827 61243 17748 90488 70735 06970
49469 25383 30853 56768 49515 05781 58183 42693 38289 09353
94380 14485 46885 78559 61682 08018 53095 69423 50529 02134
59305 09776 54545 12288 54482 77912 07566 94445 27418 37596
02404 57678 23440
= = 617 617 53 53 00000

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

0500: 952 (R), off after 1.5 min. Back at 0505z

952 380 380 62 62 = =
53002 14368 54452 03613 30339 79751 86496 47569 59319 23277
60430 14682 61692 67139 29488 57426 06356 63424 67060 82580
01295 97543 02629 24631 29370 10913 53884 00138 88879 47547
78482 60240 24860 54279 93859 83503 62033 89270 38554 76270
75362 18516 73473 72736 59132 05022 46532 51905 80510 20347
69113 13637 28518 33195 77780 80959 94340 54747 79681 20837
43932 45416
= = 380 380 62 62 00000

12211/10243 kHz, 13-01, 0500/0514 UTC

Carrier only

12211/10243 kHz, 16-01, 0500/0520 UTC

952 860 860 52 52 = =
10492 36140 07176 22747 59631 49469 02124 89669 08570 32882
48244 42807 73170 81591 76073 82185 65250 88150 90736 20216
55829 27455 40713 44289 81835 59033 73029 11495 13464 32556
04572 23912 24353 07509 64190 57891 31796 22962 85295 45798
99144 78374 53633 33615 17622 11369 39915 62874 09703 83423
72010 50335
= = 860 860 52 52 00000

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

952 347 347 51 51 = =
60320 21229 89082 73270 85511 61854 37351 99202 32568 56282
66052 29718 41195 84650 58960 74093 84804 24150 27682 93658
61524 97817 24396 09237 50150 48045 78121 26259 54474 51975
40469 07244 84433 20985 51795 46330 47508 51436 63705 25541
48814 18881 78841 57482 23323 32917 93895 44145 48647 94869
56783
= = 347 347 51 51 00000

12211 kHz, 18-01, 0500 UTC

10243 kHz, 18-01, 0520 UTC. 952 (R4) then off

952 106 106 58 58 = =
89826 10203 54784 98920 89439 34710 66834 93372 65821 02742
65260 15025 12615 83965 80600 02580 28385 71467 54631 21633
99688 65880 04743 05298 97920 28351 32546 16011 82113 63301
81419 51972 24888 16909 72649 46652 03726 02244 74891 34800
24770 87012 86603 83395 71329 04825 36167 10977 94279 75943
29364 43789 86539 48438 98904 82184 08825 95693
= = 106 106 58 58 00000

12211 kHz, 19-01, 0500 UTC

10243 kHz, 19-01, 0520 UTC. No transmission

952 874 874 53 53 = =
54012 87381 58702 67605 48137 28581 33103 59255 92795 24828
83708 82097 70841 07948 32425 34514 93391 04600 42885 61394
93572 98738 01542 03379 91447 50044 78550 45018 53591 85495
54380 91546 95710 06268 23070 28966 01788 77158 08098 47104
58148 90718 51779 30361 25922 23274 64135 45808 00312 25031
42173 83347 30118
= = 874 874 53 53 00000

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

952 136 136 58 58 = =
05916 70448 09731 40798 52372 31077 52160 37166 94279 35784
25654 25052 88814 49134 21477 77942 64233 91495 11849 83865
70311 34951 48278 30803 74178 26270 95146 68381 37518 16610
96992 38015 36038 02652 02919 88701 07171 08843 96559 20636
36935 65442 05072 23859 21890 62058 85542 04100 67126 81350
12294 13023 06236 42612 13497 25052 54178 09887
= = 136 136 58 58 00000

12211/10243 kHz, 23-01, 0500/0520 UTC

952 708 708 60 60 = =
97638 24566 37031 56865 10493 10517 93035 57543 63438 58152
15184 35261 23269 91455 48470 15516 93550 87423 48650 05910
31956 06452 52932 43635 55180 60714 40619 92364 92410 25216
07122 06093 73253 21210 99799 02049 61082 26667 89041 09888
67723 93477 73046 89338 10439 76086 39734 33486 97121 01235
34217 99900 50653 33509 05280 36776 08306 16373 29298 96278
= = 708 708 60 60 00000

12211 kHz, 24-01, 0507 UTC. Late start. Inverted morse

10243 kHz, 24-01, 0520 UTC. Carrier only

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

952 680 680 61 61 = =
81272 36171 63002 30367 15767 23375 78041 27525 45635 64496
99496 98693 44283 88462 56443 86490 86004 47765 91496 79753
68773 76197 68229 44370 37140 47077 81029 66314 66162 36637
90834 24076 92303 22295 35183 32670 02249 70455 86024 26427
15563 93565 53713 72722 22135 81089 60639 33868 60348 34094
32917 19322 46905 58142 83586 95426 94255 94165 85747 44851
65653
= = 680 680 61 61 00000

12211 kHz, 26-01, 0500 UTC

10243 kHz, 26-01, 0520 UTC. Cut off after group 25, then carrier only

952 471 471 52 52 = =
25829 32089 83937 95052 80732 38282 89961 83971 36790 63295
75686 00939 88647 84156 20168 85846 33787 53375 86517 32057
03054 20374 72797 59637 20590 99888 97779 62914 35351 98280
76259 05780 91379 33699 63603 63190 29053 11024 74225 32288
34459 37534 03677 61602 79118 90235 09032 71740 17215 70786
27270 66026
= = 471 471 52 52 00000

12211 kHz, 27-01, 0505 UTC. Late start. Unreadable inverted morse

10243 kHz, 27-01, 0520 UTC. Unreadable. Inverted morse

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

952 170 170 52 52 = =
 65838 00944 23114 94721 19363 14668 72118 91185 06447 11699
 54305 32102 85061 95549 30476 12664 62109 30396 44818 45390
 33065 33034 53464 46663 33432 23930 48462 00324 75457 04528
 13088 78001 68535 53025 69448 20872 46740 55782 04305 12526
 51925 16573 84058 97639 45825 10848 94832 26133 49604 77211
 68585 27508
 = = 170 170 52 52 00000

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

952 348 348 50 50 = =
 97702 53417 42047 26315 32475 08506 45390 91439 44586 23664
 05043 63187 41746 56560 79912 64005 50722 88667 90531 37340
 67728 70941 16164 76952 23743 44197 65455 23906 88220 51388
 06559 60921 59612 83956 67657 58785 16138 29462 43852 54490
 25254 12664 71318 65804 35249 47248 54693 71953 97406 40389
 = = 348 348 50 50 00000
 (no closing nulls at 0500z)

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

5980.5 kHz, 19-01, 0753 UTC =991053??8????? =991054??8????? =991055??8?????

M23

Apart from the 24/7 hourly beeps, no M23 activity was noted. M23 apparently does not use DCF77/MSF/WWV/internet clocks to adjust the time. In the past months the hourly beep slowly moved from hh59 to hh56.

Hourly beeps:

5345 kHz, 01-01, 1758 UTC	5345 kHz, 13-01, 0558 UTC	5345 kHz, 22-01, 0857 UTC
5345 kHz, 02-01, 1558 UTC	5345 kHz, 14-01, 1458 UTC	5345 kHz, 23-01, 0757 UTC
5345 kHz, 03-01, 1358 UTC	5345 kHz, 15-01, 0758 UTC	5345 kHz, 24-01, 0657 UTC
5345 kHz, 04-01, 0558 UTC	5345 kHz, 16-01, 0658 UTC	5345 kHz, 25-01, 0757 UTC
5345 kHz, 05-01, 1658 UTC	5345 kHz, 17-01, 1758 UTC	5345 kHz, 26-01, 0557 UTC
5345 kHz, 07-01, 0658 UTC	5345 kHz, 18-01, 0658 UTC	5345 kHz, 27-01, 0557 UTC
5345 kHz, 08-01, 0758 UTC	5345 kHz, 19-01, 0758 UTC	5345 kHz, 28-01, 0557 UTC
5345 kHz, 09-01, 0458 UTC	5345 kHz, 20-01, 0657 UTC	5345 kHz, 29-01, 0757 UTC
5345 kHz, 10-01, 1658 UTC	5345 kHz, 21-01, 0857 UTC	5345 kHz, 30-01, 0756 UTC
5345 kHz, 11-01, 0558 UTC	5345 kHz, 22-01, 0657 UTC	5345 kHz, 30-01, 0756 UTC
5345 kHz, 11-01, 0558 UTC	5345 kHz, 22-01, 0757 UTC	5345 kHz, 31-01, 0556 UTC

M89 - Chinese Military**3801 kHz, 10-01, 1909 kHz, i.p.**

N36N NN6T N66U TD46 TN5T DUN5 ...
 II II = UT6N D3TD 6U73 UN36 63DU ...
 AR K
 R RPT 2P 25W TO 26 W = T4U6 35U5 T4U6 35U5 AR K
 R RPT 2P 24W TO 25 W = .356 T4U6 AR K
 R O EEEEE R U MSG GA K

3801 kHz, 10-01, 1928 kHz, i.p.

TT3U AR K
 K R MSG K (Other station also on freq)
 PSE N.TE C M K
 R GA K
 NR 02.5 CK 90 24 0111 0300 RMKS 369 TO 600R K
 R GA K
 = T4D4 T7A3 4UTD ...

R QSL 0331 K
QSL 0332 ?
R VA
VA (Normally sends SK vice VA)

3967 kHz, 10-01, 1917 UTC, i.p.

RMKS 3778 TO 3288 K
R = U76T 3UA6 7UUN .33T 4374 6UTA D4NU 736T TD4A TTA7
AADT DDN3 377T ...

4350 kHz, 10-01, 1936 UTC, i.p.

43U5 AU43 AU34 46A5 A3U5 T7AD NT7A ... AR
QSL 0340 K (Both stations on this frequency)
HR WK NR 301 EEEEE HR WK NR 301 K
R SK SK
R SK SK
3500 M89 CW (JPL) 1510 13-01-2023 Fri i.p.
6U75 TADN 37TD 546N 7A4A 53D6
AR
= 36AU D4 36H
TTT TTTT T TTTTT TTTTTT
= 36AU D475 UTA4 6N53 AUD7 3NT4 DN75 AT6U 53D7 6NT4 A567
U4D3 T43A 6U5N .

5077 kHz, 13-01, 1557 UTC, i.p.

7D35 NAD7 TA3U 6A47 4D3N 54N6 3ADU ...
AR K (1
R RPT 2P 28W K (Both stations on this frequency)
R HR RPT 2P 28 W BA47 6A47 K
R RPT 2P 42W K
R RPT K
R RPT 2P 42K
R HR RPT 2P 42W U367 U367 K
R QSL 0901 K
R OK K
R OK

4699 kHz, 31-01, 1541 UTC, i.p. QSX 4659 kHz

3T67 57TA 5333 UA56 T7NA TT56 476D ...
AR K
R RPT 1P 11W TO 16W = 7UU4 6367 5TN5 4U4A 6D5T DUUN AR K
R RPT 1P 30W = 7NNT 7NNT AR K
R RPT 1P 51W TO 53W = 3U67 N3AN A667 AR K
R RPT 2P 21W K
R QSL 2346 K
R SK SK

5279 kHz, 31-01, 1550 UTC, i.p. QSX 5425 kHz

N4DN UT6T UNUU NDN5 74TT T7A5 5563 UU43 ...
III = 35AN AR K
HR CRT 1P 29W = 735T AR K
R U 7G GA K

5425 kHz, 31-01, 1556 UTC, i.p. QSX 5279 kHz

2310 RMKS 7303 TO 7382 K
3AAU 43DD 3TTU U47A DTNA TUDA DN6T T3T4 U34D TT47 3UD6 AD73 763D ...

5821 kHz, 31-01, 1606 UTC, i.p.

71/X417A/COMM/3189 AR
HR SVC GA HR SVC GA =
304/XX917/3153/12/11/71/X417A/COMM/3189 AR
HR WK NR 470 HR WK NR 470 NIL SK NIL SK

M95 - Chinese Military

3344 kHz, 11-01, 1538 UTC, i.p.

R RPT 62W = 4A6T 4A6T CK
R QSL 2337 K (Both stations on this frequency)
R U 7G GA K
R NR 020/CCK CK 100 24 0111 2320 RMKS 2341 TO 1430 K
R GA K
R = 3ADT 3N56 D6A3 ATUD N635 .56N 35D6 53D6 35DT 4AND 67UA NTA3 ...

3705 kHz, 11-01, 1554 UTC, i.p.

UN45 73T5 3NNA U56U A6U7 736A 3T37 T5U6 ...
AR K
R RPT 12W K (Both stations on this frequency)
R
R QSL 2358 K
R U 7G GA K
R 7G NR 90/CCK CK 81 55 0111 2320 RMKS 4526 TO 4139 =
T3T7 4534 5ATU NU64 67D3 53DU 4NUT 4TU3 .UT3 TT4U U7A4 ...

4243 kHz, 12-01, 1144 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243 kHz, 12-01, 1152 UTC, M95: CW

VVV VV HR MSG TO YR PSE CY
HR 24 CK 207 35 35 0112 1522 =
UTU TAU 3U6 3A4 7TU 7TA 7T7 75N 773 33U 34T N3U ...

4111 kHz, 12-01, 1202 UTC. i.p.

= DU6A NUD6 K
R RPT 2P 11W TO 16W K (Both stations on this frequency)
R RPT 2P 11W TO 16W = 7TAN AD3N 465U A7TD DNU4 N47. AR K
R RPT 2P 24W K
R RPT 2P 24W = TUN3 AR K
R QSL 2003 K
R OK K
R AS
HR 7G GA K
R GA K
R NR 921/CCK CK 141 24 0112 1945 RMKS 3SV9 TO C=5 K
R R
R GA K
R = 6T67 N3UA 5DA6 3N7U 456N 6435 7D5A U643 TTTT TTTT A56U U46U ...

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

4364//8073 kHz, 12-01, 1137 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)
HR MSGS GA PSE CY
NR 0040 CK 259 35 0112 1600 =
TAU 3U6 3AN 3U7 TAU 773 TA7 773 354 35D 4TD NN3 ...

9054 kHz, 12-01, 2343 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

9054 kHz, 12-01, 2351 UTC, M95: CW

VV HR MSG TO YR PSE CY
NR 084 CK 23 35 0113 0608 =
UT5 TA3 3U4 7TA TTA TTU TT3 773 4UT 446
34T DUU DND N34 454 TT3 773 34U DND N34
454 DD7 NT6 AR
MSG AGN NR 084 CK 23 35 0113 0608 = (Repeats message)
AR A HR MSG GA NR 085 CK 32 35 0113 0611 =
UT5 TT3 3U4 3A4 TTA TTU TT3 773 354 373 .4A
N3D 343 4UT 446 34. DUU DND .4 454 TT3 773
34U DND N34 454 4D3 N3D 4T6 3DU N3D 3D6 AR
MSG AGN NR 085 CK 32 35 0113 0611 = (Repeats message)

5036 kHz, 13-01, 1535 UTC, i.p.

R GA
NR 10..9/CCK CK 81 12 0113 2330 RMKS 0174 TO 0055 =
645N N4TA 3A45 DAUN T73N 4D7U 5TN3 D7.. TTTT TTTT K
R GA K (Both stations on this frequency – repeats message)

4364//8073 kHz, 13-01, 0000 UTC, V26: USB. Callup in Chinese voice. Female operator
4364//8073 kHz, 13-01, 0004 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages
4364//8073 kHz, 13-01, 0008 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)
HR MSG GA PSE CY
NR 0041 CK 099 35 0113 0644 =
TA TA3 3.. 3A4 TAU 773 TA7 773 TAD 773 354 35D 37U ...

9348 kHz, 13-01, 0012 UTC, i.p.

TU53 7DAR 5UND 47T3 3U47 TN56 DAU3 ...
AR
AS AS (Both stations on this frequency)
OK
RPT ... K
R HR RPT U EEEE NRPT 15W 4780 4780 K
R RPT K (Repeats groups)
R QSL 0815 K
R U 7G GA K
MSG NR 119/CCK CK 95 34 0113 0815 RMKS 3553 TO 3522 =
UTN 3546 7DTN ...

UM04 - PROMRCh

It was hard to copy PROMRCh in January. The conditions were often too poor.

4735 kHz, 01-01, 0800 UTC

Not monitored

4735 kHz, 02-01, 0800 UTC

VVVVV PROMRCh = 02 01 =
1000 0860 0910 1090 1590
1200 0940 0990 1180 1710
1400 0860 0910 1070 1540
1600 0900 0840 1010 1080
1800 0490 0510 0600 0850
2000 0370 0390 0460 0850
2200 0330 0340 0380 0530
0000 0360 0370 0400 0560
0200 0370 0380 0430 0570
0400 0390 0380 0440 0610
0600 0340 0360 0420 0580
0800 0370 0610 0740 0100
= ABV
VVVVV PROMRCh = 02 01 =
1000 0860 0910 1090 1590
1200 0940 0990 1180 1710
1400 0860 0910 1070 1540
1600 0900 0840 1010 1080
1800 0490 0510 0600 0850
2000 0370 0390 0460 0850
2200 0330 0340 0380 0530
0000 0360 0370 0400 0560
0200 0370 0380 0430 0570
0400 0390 0380 0440 0610
0600 0340 0360 0420 0580
0800 0370 0610 0740 0100
= AR

4735 kHz, 03-01, 0800 UTC

VVV VVV PROMRCh = 03 01 =
largely unreadable

4735 kHz, 04-01, 0800 UTC

VVVVV PROMRCh = 0401 =
1000 0850 0900 1080 1580
1200 0930 0990 1180 1710
1400 0850 0900 1180 1530
1600 0790 0840 1000 1480
0800 0490 0510 0600 0860
2000 0370 0390 0460 0650
2200 0330 0340 0380 0530
0000 0360 0370 0420 0560
0200 0370 0380 0430 0580
0400 0380 0390 0440 0610
0600 0340 0360 0420 0580
0800 0560 0610 0740 1100
= ABV
VVVVV PROMRCh = 0401 =
1000 0850 0900 1080 1580
1200 0930 0990 1180 1710
1400 0850 0900 1180 1530
1600 0790 0840 1000 1480
0800 0490 0510 0600 0860
2000 0370 0390 0460 0650
2200 0330 0340 0380 0530
0000 0360 0370 0420 0560
0200 0370 0380 0430 0580
0400 0380 0390 0440 0610
0600 0340 0360 0420 0580
0800 0560 0610 0740 1100
= AR

4735 kHz, 05-01, 0800 UTC

VVVVV PROMRCh = 05 01 =
 1000 0840 0890 1070 1570
 1200 0930 0980 1170 1700
 1400 0840 0890 1060 1520
 1600 0790 0840 1010 1480
 1800 0480 0510 0590 0840
 2000 0370 0390 0450 0650
 2200 0330 0330 0380 0530
 0000 0360 0370 0420 0560
 0200 0370 0370 0420 0580
 0400 0380 0390 0440 0600
 0600 0340 0350 0410 0580
 0800 0560 0600 0730 1090
 = ABV
 VVVVV PROMRCh = 05 01 =
 1000 0840 0890 1070 1570
 1200 0930 0980 1170 1700
 1400 0840 0890 1060 1520
 1600 0790 0840 1010 1480
 1800 0480 0510 0590 0840
 2000 0370 0390 0450 0650
 2200 0330 0330 0380 0530
 0000 0360 0370 0420 0560
 0200 0370 0370 0420 0580
 0400 0380 0390 0440 0600
 0600 0340 0350 0410 0580
 0800 0560 0600 0730 1090
 = AR

4735 kHz, 09-01, 0800 UTC

VVVVV PROMRCh = 0901 =
 1000 0840 0900 1070 1570
 1200 0840 1000 1190 1720
 1400 0750 0890 1090 1530
 1600 0790 0840 1010 1480
 1800 0490 0520 0610 0870
 2000 0360 0380 0050 0640
 2200 0330 0330 0390 0530
 0000 0360 0360 0410 0560
 0200 0360 0370 0420 0570
 0400 0370 0360 0440 0600
 0600 0340 0360 0410 0580
 0800 0550 0590 0720 1070
 = ABV
 VVVVV PROMRCh = 0901 =
 1000 0840 0900 1070 1570
 1200 0840 1000 1190 1720
 1400 0750 0890 1090 1530
 1600 0790 0840 1010 1480
 1800 0490 0520 0610 0870
 2000 0360 0380 0050 0640
 2200 0330 0330 0390 0530
 0000 0360 0360 0410 0560
 0200 0360 0370 0420 0570
 0400 0370 0360 0440 0600
 0600 0340 0360 0410 0580
 0800 0550 0590 0720 1070
 = AR

4735 kHz, 06-01, 0800 UTC

Partly unreadable
 VVVVV PROMRCh = 06 01 =
 1000 0390 0940 1130 1630
 1200 0380 1040 1230 1770
 1400 0880 ____ 1090 ____
 1600 ____ ____ ____ ____
 1800 0510 0530 0620 0780
 2000 0380 ____ 0660 ____
 0000 0360 0370 0420 0570
 0200 0380 0430 0580 ____
 0400 0080 0490 0010 ____
 0600 0350 0360 0420 0590
 0800 0540 0600 0730 1090
 = ABV
 message repeated
 = AR

4735 kHz, 10-01, 0800 UTC

VVV VVV PROMRCh = 10 01 =
 1000 0840 0890 1070 1570
 1200 0940 0990 1180 1720
 1400 0850 0890 1060 1530
 1600 0790 0840 1010 1480
 1800 0500 0530 0620 0880
 2000 0370 0390 0450 0650
 2200 0330 0340 0390 0530
 0000 0350 0360 0410 0560
 0200 0360 0370 0420 0570
 0400 0370 0380 0440 0600
 0600 0340 0360 0410 0580
 0800 0540 0580 0710 1060
 = ABV
 VVV VVV PROMRCh = 10 01 =
 1000 0840 0890 1070 1570
 1200 0940 0990 1180 1720
 1400 0850 0890 1060 1530
 1600 0790 0840 1010 1480
 1800 0500 0530 0620 0880
 2000 0370 0390 0450 0650
 2200 0330 0340 0390 0530
 0000 0350 0360 0410 0560
 0200 0360 0370 0420 0570
 0400 0370 0380 0440 0600
 0600 0340 0360 0410 0580
 0800 0540 0580 0710 1060
 = AR

4735 kHz, 07-01, 0800 UTC

VVV PROMRCh = 07 01 =
 Unreadable
 = ABV
 VVV PROMRCh = 07 01 =
 1000 0840 0900 1080 1580
 1200 0 ____ ____ ____ ____
 1400 ____ ____ ____ 1530
 1600 0790 0850 1020 1500
 1800 0 ____ 0360 1000 ____
 2000 ____ ____ ____ ____
 0200 0330 0340 0530 0600
 0000 0360 0370 0420 0560
 0200 0360 0370 0430 0570
 0400 0370 0390 0440 0610
 0600 0340 0360 0420 0590
 0800 0550 0950 0720 1070
 = AR

4735 kHz, 11-01, 0800 UTC

VVV VVV PROMRCh = 11 01 =
 1000 0840 0890 1070 1570
 1200 0840 1000 1180 1720
 1400 0850 0900 1060 1530
 1600 0800 0850 1010 1480
 1800 0510 0540 0630 0900
 2000 0370 0390 0460 0650
 2200 0330 0340 0390 0540
 0000 0360 0370 0420 0560
 0200 0360 0370 0420 0580
 0400 0370 0390 0440 0600
 0600 0340 0360 0420 0590
 0800 0540 0580 0710 1060
 = ABV
 VVV VVV PROMRCh = 11 01 =
 1000 0840 0890 1070 1570
 1200 0840 1000 1180 1720
 1400 0850 0900 1060 1530
 1600 0800 0850 1010 1480
 1800 0510 0540 0630 0900
 2000 0370 0390 0460 0650
 2200 0330 0340 0390 0540
 0000 0360 0370 0420 0560
 0200 0360 0370 0420 0580
 0400 0370 0390 0440 0600
 0600 0340 0360 0420 0590
 0800 0540 0580 0710 1060
 = AR

4735 kHz, 08-01, 0800 UTC

VVVVV PROMRCh = 0 8 0 1 =
 1000 0850 0900 1080 1580
 1200 0950 1000 1190 1730
 1400 0850 0900 1060 1540
 1600 0790 0850 1020 1490
 1800 0500 0520 0610 0870
 2000 0370 0390 0460 0650
 2200 0330 0340 0390 0530
 0000 3600 0370 0410 0560
 0200 0360 0370 0420 0570
 0400 0380 0390 0440 0600
 0600 0340 0360 0410 0580
 0800 0550 0590 0720 1070
 = ABV =
 VVVVV PROMRCh = 0 8 0 1 =
 1000 0850 0900 1080 1580
 1200 0950 1000 1190 1730
 1400 0850 0900 1060 1540
 1600 0790 0850 1020 1490
 1800 0500 0520 0610 0870
 2000 0370 0390 0460 0650
 2200 0330 0340 0390 0530
 0000 3600 0370 0410 0560
 0200 0360 0370 0420 0570
 0400 0380 0390 0440 0600
 0600 0340 0360 0410 0580
 0800 0550 0590 0720 1070
 = AR

4735 kHz, 12-01, 0800 UTC

VVV VVV PROMRCh = 12 01 =
 1000 0840 0900 1070 1610
 1200 0940 1000 1180 1750
 1400 0850 0900 1070 1560
 1600 0810 0860 1030 1530
 1800 0520 0550 0640 0930
 2000 0380 0400 0460 0670
 2200 0330 0340 0390 0550
 2400 0360 0370 0420 0570
 0200 0360 0370 0420 0580
 0400 0370 0390 0440 0610
 0600 0340 0360 0420 0600
 0800 0540 0580 0710 1060
 = ABV =
 VVV VVV PROMRCh = 12 01 =
 1000 0840 0900 1070 1610
 1200 0940 1000 1180 1750
 1400 0850 0900 1070 1560
 1600 0810 0860 1030 1530
 1800 0520 0550 0640 0930
 2000 0380 0400 0460 0670
 2200 0330 0340 0390 0550
 2400 0360 0370 0420 0570
 0200 0360 0370 0420 0580
 0400 0370 0390 0440 0610
 0600 0340 0360 0420 0600
 0800 0540 0580 0710 1060
 = AR

4735 kHz, 13-01. 0800 UTC

VVV VVV PROMRCh = 13 01 =
 1000 0850 0800 1080 1580
 1200 0840 1000 1180 1720
 1400 0860 0910 1070 1550
 1600 0820 0870 1040 1520
 1800 0530 0560 0650 0930
 2000 0380 0400 0470 0660
 2200 0340 0350 0400 0540
 0000 0360 0370 0420 0570
 0200 0370 0380 0430 0580
 0400 0380 0400 0440 0610
 0600 0350 0370 0420 0600
 0800 0540 0590 0710 1060
 = ABV =
 VVV VVV PROMRCh = 13 01 =
 1000 0850 0800 1080 1580
 1200 0840 1000 1180 1720
 1400 0860 0910 1070 1550
 1600 0820 0870 1040 1520
 1800 0530 0560 0650 0930
 2000 0380 0400 0470 0660
 2200 0340 0350 0400 0540
 0000 0360 0370 0420 0570
 0200 0370 0380 0430 0580
 0400 0380 0400 0440 0610
 0600 0350 0370 0420 0600
 0800 0540 0590 0710 1060
 = AR

4735 kHz, 14-01. 0800 UTC

VVV VVV PROMRCh = 14 01 =
 1000 0850 0900 1080 1580
 1200 0950 1010 1190 1730
 1400 0870 0920 1090 1570
 1600 0830 0880 1050 1540
 1800 0540 0570 0670 0950
 2000 0380 0500 0460 0670
 2200 0340 0350 0400 0550
 0000 0360 0370 0420 0570
 0200 0370 0380 0430 0590
 0400 0380 0400 0450 0610
 0600 0350 0370 0430 0600
 0800 0540 0590 0710 1060
 = ABV =
 VVV VVV PROMRCh = 14 01 =
 1000 0850 0900 1080 1580
 1200 0950 1010 1190 1730
 1400 0870 0920 1090 1570
 1600 0830 0880 1050 1540
 1800 0540 0570 0670 0950
 2000 0380 0500 0460 0670
 2200 0340 0350 0400 0550
 0000 0360 0370 0420 0570
 0200 0370 0380 0430 0590
 0400 0380 0400 0450 0610
 0600 0350 0370 0430 0600
 0800 0540 0590 0710 1060
 = AR

4735 kHz, 15-01, 0800 UTC

Active but unreadable

4735 kHz, 16-01, 0800 UTC

VVVVV PROMRCh = 16 01 =
 1000 0880 0930 1110 1620
 1200 0970 1020 1210 1740
 1400 0900 0950 1110 1600
 1600 0870 0920 1090 1580
 1800 0670 0600 0700 0990
 2000 0390 0410 0480 0680
 2200 0350 0360 0410 0560
 0000 0370 0380 0430 0570
 0200 0380 0390 0440 0590
 0400 0370 0400 0450 0620
 0600 0360 0380 0440 0620
 0800 0550 0390 0720 1070
 = ABV
 VVVVV PROMRCh = 16 01 =
 1000 0880 0930 1110 1620
 1200 0970 1020 1210 1740
 1400 0900 0950 1110 1600
 1600 0870 0920 1090 1580
 1800 0670 0600 0700 0990
 2000 0390 0410 0480 0680
 2200 0350 0360 0410 0560
 0000 0370 0380 0430 0570
 0200 0380 0390 0440 0590
 0400 0370 0400 0450 0620
 0600 0360 0380 0440 0620
 0800 0550 0390 0720 1070
 = AR

4735 kHz, 17-01. 0800 UTC

VVVVV PROMRCh = 17 01 =
 1000 0940 1000 1180 1710
 1200 1020 1070 1260 1810
 1400 0950 1000 1160 1650
 1600 0890 0940 1100 1610
 1800 0600 0630 0740 1030
 2000 0400 0420 0490 0690
 2200 0350 0360 0410 0580
 2400 0370 0380 0430 0600
 0200 0380 0390 0450 0600
 0400 0400 0410 0460 0630
 0600 0370 0380 0440 0620
 0800 0560 0600 0730 1080
 = ABV =
 VVVVV PROMRCh = 17 01 =
 1000 0940 1000 1180 1710
 1200 1020 1070 1260 1810
 1400 0950 1000 1160 1650
 1600 0890 0940 1100 1610
 1800 0600 0630 0740 1030
 2000 0400 0420 0490 0690
 2200 0350 0360 0410 0580
 2400 0370 0380 0430 0600
 0200 0380 0390 0450 0600
 0400 0400 0410 0460 0630
 0600 0370 0380 0440 0620
 0800 0560 0600 0730 1080
 = AR

4735 kHz, 18-01, 0800 UTC

VVV VVV PROMRCh = 18 01 =
 1000 0920 0980 1160 1690
 1200 1000 1050 1240 1790
 1400 0950 0990 1160 1660
 1600 0900 0950 1130 1630
 1800 0620 0650 0760 1070
 2000 0400 0420 0490 0700
 2200 0350 0370 0420 0570
 0000 0370 0380 0430 0580
 0200 0390 0400 0450 0610
 0400 0400 0410 0460 0630
 0600 0370 0390 0450 0620
 0800 0560 0600 0730 1070
 = ABV =
 VVV VVV PROMRCh = 18 01 =
 1000 0920 0980 1160 1690
 1200 1000 1050 1240 1790
 1400 0950 0990 1160 1660
 1600 0900 0950 1130 1630
 1800 0620 0650 0760 1070
 2000 0400 0420 0490 0700
 2200 0350 0370 0420 0570
 0000 0370 0380 0430 0580
 0200 0390 0400 0450 0610
 0400 0400 0410 0460 0630
 0600 0370 0390 0450 0620
 0800 0560 0600 0730 1070
 = AR

4735 kHz, 19-01. 0800 UTC

VVVVV PROMRCh = 19 01 =
 1000 0960 1010 1200 1740
 1200 1030 1090 1280 1830
 1400 0980 0020 1190 1690
 1600 0930 0980 1160 1660
 1800 0650 0680 0790 1110
 2000 0410 0430 0500 0710
 2200 0360 0370 0420 0580
 0000 0380 0390 0430 0590
 0200 0390 0400 0450 0610
 0400 0400 0420 0470 0630
 0600 0370 0390 0450 0630
 0800 0560 0610 0730 1080
 = ABV
 VVVVV PROMRCh = 19 01 =
 1000 0960 1010 1200 1740
 1200 1030 1090 1280 1830
 1400 0980 0020 1190 1690
 1600 0930 0980 1160 1660
 1800 0650 0680 0790 1110
 2000 0410 0430 0500 0710
 2200 0360 0370 0420 0580
 0000 0380 0390 0430 0590
 0200 0390 0400 0450 0610
 0400 0400 0420 0470 0630
 0600 0370 0390 0450 0630
 0800 0560 0610 0730 1080
 = AR

4735 kHz, 20-01. 0800 UTC

VVVVV PROMRCh = 20 01 =
 1000 0940 1000 1180 1720
 1200 1020 1070 1250 1810
 1400 0970 1010 1180 1680
 1600 0900 0970 1150 1640
 1800 0650 0680 0790 1110
 2000 0410 0430 0500 0710
 2200 0360 0370 0420 0580
 0000 0370 0380 0430 0580
 0200 0390 0400 0450 0610
 0400 0400 0420 0470 0630
 0600 0370 0390 0450 0630
 0800 0560 0600 0730 1080
 = ABV =
 VVVVV PROMRCh = 20 01 =
 1000 0940 1000 1180 1720
 1200 1020 1070 1250 1810
 1400 0970 1010 1180 1680
 1600 0900 0970 1150 1640
 1800 0650 0680 0790 1110
 2000 0410 0430 0500 0710
 2200 0360 0370 0420 0580
 0000 0370 0380 0430 0580
 0200 0390 0400 0450 0610
 0400 0400 0420 0470 0630
 0600 0370 0390 0450 0630
 0800 0560 0600 0730 1080
 = AR

4735 kHz, 21-01, 0800 UTC

VVVVV PROMRCh = 21 01 =
 1000 0970 1020 1210 1760
 1200 1050 1100 1290 1840
 1400 1000 1050 1210 1710
 1600 0950 1000 1170 1680
 1800 0670 0710 0820 1140
 2000 0420 0440 0510 0720
 2200 0360 0370 0430 0580
 2400 0380 0390 0440 0590
 0200 0390 0400 0460 0620
 0400 0410 0420 0470 0640
 0600 0380 0400 0450 0630
 0800 0570 0610 0740 1090
 = ABV =
 VVVVV PROMRCh = 21 01 =
 1000 0970 1020 1210 1760
 1200 1050 1100 1290 1840
 1400 1000 1050 1210 1710
 1600 0950 1000 1170 1680
 1800 0670 0710 0820 1140
 2000 0420 0440 0510 0720
 2200 0360 0370 0430 0580
 2400 0380 0390 0440 0590
 0200 0390 0400 0460 0620
 0400 0410 0420 0470 0640
 0600 0380 0400 0450 0630
 0800 0570 0610 0740 1090
 = AR

4735 kHz, 25-01, 0800 UTC

VVVVV PROMRCh = 25 01 =
 1000 1000 1050 1240 1800
 1200 1070 1130 1310 1880
 1400 1040 1090 1250 1760
 1600 1000 1050 1220 1740
 1800 0740 0770 0890 1240
 2000 0440 0460 0540 0760
 2200 0370 0340 0440 0590
 2400 0380 0500 0440 0600
 0200 0400 0410 0460 0620
 0400 0410 0420 0480 0650
 0600 0390 0400 0460 0650
 0800 0580 0620 0750 1110
 = ABV =
 VVVVV PROMRCh = 25 01 =
 1000 1000 1050 1240 1800
 1200 1070 1130 1310 1880
 1400 1040 1090 1250 1760
 1600 1000 1050 1220 1740
 1800 0740 0770 0890 1240
 2000 0440 0460 0540 0760
 2200 0370 0340 0440 0590
 2400 0380 0500 0440 0600
 0200 0400 0410 0460 0620
 0400 0410 0420 0480 0650
 0600 0390 0400 0460 0650
 0800 0580 0620 0750 1110
 = AR

4735 kHz, 22-01, 0800 UTC

VVVVV PROMRCh = 22 01 =
 1000 0960 1020 1210 1790
 1200 1040 1100 1290 1870
 1400 1000 1040 1210 1740
 1600 0950 1000 1170 1710
 1800 0680 0710 0820 1180
 2000 0420 0440 0510 0740
 2200 0360 0370 0430 0590
 0000 0380 0390 0440 0590
 0200 0390 0410 0460 0620
 0400 0410 0420 0470 0640
 0600 0380 0400 0450 0640
 0800 0570 0610 0740 1100
 = ABV
 VVVVV PROMRCh = 22 01 =
 1000 0960 1020 1210 1790
 1200 1040 1100 1290 1870
 1400 1000 1040 1210 1740
 1600 0950 1000 1170 1710
 1800 0680 0710 0820 1180
 2000 0420 0440 0510 0740
 2200 0360 0370 0430 0590
 0000 0380 0390 0440 0590
 0200 0390 0410 0460 0620
 0400 0410 0420 0470 0640
 0600 0380 0400 0450 0640
 0800 0570 0610 0740 1100
 = AR

4735 kHz, 26-01, 0800 UTC

VVV VVV PROMRCh = 26 01 =
 1000 1020 1070 1260 1820
 1200 1090 1140 1330 1900
 1400 1060 1110 1270 1780
 1600 1010 1060 1240 1750
 1800 0750 0780 0900 1250
 2000 0450 0470 0540 0770
 2200 0380 0390 0440 0600
 0000 0390 0400 0450 0600
 0200 0400 0420 0470 0630
 0400 0420 0430 0480 0650
 0600 0390 0400 0460 0640
 0800 0580 0620 0750 1110
 = ABV
 VVV VVV PROMRCh = 26 01 =
 1000 1020 1070 1260 1820
 1200 1090 1140 1330 1900
 1400 1060 1110 1270 1780
 1600 1010 1060 1240 1750
 1800 0750 0780 0900 1250
 2000 0450 0470 0540 0770
 2200 0380 0390 0440 0600
 0000 0390 0400 0450 0600
 0200 0400 0420 0470 0630
 0400 0420 0430 0480 0650
 0600 0390 0400 0460 0640
 0800 0580 0620 0750 1110
 = AR

4735 kHz, 23-01, 0800 UTC

VVVVV PROMRCh = 23 01 =
 1000 1040 1090 1280 1830
 1200 1110 1160 1350 1910
 1400 1050 1100 1260 1780
 1600 1000 1050 1220 1740
 1800 0730 0760 0870 1220
 2000 0440 0460 0540 0750
 2200 0380 0390 0440 0590
 0000 0390 0400 0450 0600
 0200 0400 0410 0460 0620
 0400 0410 0430 0480 0650
 0600 0390 0400 0460 0640
 0800 0580 0620 0750 1100
 = ABV =
 VVVVV PROMRCh = 23 01 =
 1000 1040 1090 1280 1830
 1200 1110 1160 1350 1910
 1400 1050 1100 1260 1780
 1600 1000 1050 1220 1740
 1800 0730 0760 0870 1220
 2000 0440 0460 0540 0750
 2200 0380 0390 0440 0590
 0000 0390 0400 0450 0600
 0200 0400 0410 0460 0620
 0400 0410 0430 0480 0650
 0600 0390 0400 0460 0640
 0800 0580 0620 0750 1100
 = AR

4735 kHz, 27-01, 0800 UTC

VVVVV PROMRCh = 27 01 =
 1000 1010 1070 1260 1820
 1200 1090 0140 1330 1890
 1400 1060 1110 1280 1790
 1600 1020 1070 1240 1770
 1800 0750 0790 0900 1270
 2000 0450 0470 0550 0770
 2200 0380 0390 0440 0600
 0000 0390 0400 0450 0600
 0200 0400 0410 0460 0620
 0400 0420 0430 0480 0650
 0600 0380 0400 0460 0640
 0800 0580 0620 0750 1110
 = ABV =
 VVVVV PROMRCh = 27 01 =
 1000 1010 1070 1260 1820
 1200 1090 0140 1330 1890
 1400 1060 1110 1280 1790
 1600 1020 1070 1240 1770
 1800 0750 0790 0900 1270
 2000 0450 0470 0550 0770
 2200 0380 0390 0440 0600
 0000 0390 0400 0450 0600
 0200 0400 0410 0460 0620
 0400 0420 0430 0480 0650
 0600 0380 0400 0460 0640
 0800 0580 0620 0750 1110
 = AR

4735 kHz 24-01, 0803 UTC

VVVVV PROMRÖ = 2401 =
 1000 1000 1050 1240 1800
 1200 1070 1130 1310 1900
 1400 1030 1080 1250 1750
 1600 0980 1030 1210 1730
 1800 0730 0790 0880 1220
 2000 0440 0460 0580 0750
 2200 0370 0390 0440 0590
 0000 0380 0390 0440 0590
 0200 0400 0410 0460 0620
 0400 0410 0430 0480 0650
 0600 0390 0440 0460 0650
 0800 0580 0620 0750 1110
 = ABV
 VVVVV PROMRÖ = 2401 =
 1000 1000 1050 1240 1800
 1200 1070 1130 1310 1900
 1400 1030 1080 1250 1750
 1600 0980 1030 1210 1730
 1800 0730 0790 0880 1220
 2000 0440 0460 0580 0750
 2200 0370 0390 0440 0590
 0000 0380 0390 0440 0590
 0200 0400 0410 0460 0620
 0400 0410 0430 0480 0650
 0600 0390 0440 0460 0650
 0800 0580 0620 0750 1110
 = AR

4735 kHz, 28-01, 0800 UTC

VVVVV PROMRCh = 28 01 =
 1000 1020 1080 1270 1830
 1200 1100 1150 1340 1910
 1400 1070 1120 1280 1800
 1600 1030 1080 1250 1780
 1800 0770 0800 0920 1280
 2000 0450 0470 0550 0770
 2200 0380 0390 0450 0600
 2400 0390 0400 0450 0600
 0200 0400 0410 0470 0620
 0400 0420 0430 0480 0650
 0600 0390 0400 0460 0650
 0800 0590 0630 0760 1110
 = ABV =
 VVVVV PROMRCh = 28 01 =
 1000 1020 1080 1270 1830
 1200 1100 1150 1340 1910
 1400 1070 1120 1280 1800
 1600 1030 1080 1250 1780
 1800 0770 0800 0920 1280
 2000 0450 0470 0550 0770
 2200 0380 0390 0450 0600
 2400 0390 0400 0450 0600
 0200 0400 0410 0470 0620
 0400 0420 0430 0480 0650
 0600 0390 0400 0460 0650
 0800 0590 0630 0760 1110
 = AR

4735 kHz, 29-01, 0801 UTC

VVV VVV PROMRCh = 29 01 =
 1000 1000 1060 1250 1810
 1200 1080 1140 1330 1900
 1400 1060 1110 1270 1790
 1600 1020 1070 1240 1770
 1800 0760 0800 0910 1270
 2000 0450 0470 0550 0770
 2200 0380 0390 0440 0600
 0000 0390 0400 0450 0600
 0200 0410 0420 0470 0630
 0400 0420 0440 0490 0660
 0600 0390 0410 0470 0650
 0800 0590 0630 0760 1120
 = ABV
 VVV VVV PROMRCh = 29 01 =
 1000 1000 1060 1250 1810
 1200 1080 1140 1330 1900
 1400 1060 1110 1270 1790
 1600 1020 1070 1240 1770
 1800 0760 0800 0910 1270
 2000 0450 0470 0550 0770
 2200 0380 0390 0440 0600
 0000 0390 0400 0450 0600
 0200 0410 0420 0470 0630
 0400 0420 0440 0490 0660
 0600 0390 0410 0470 0650
 0800 0590 0630 0760 1120
 = AR

4735 kHz, 30-01, 0800 UTC

VVVVV PROMRCh = 3001 =
 1000 1030 1080 1280 1840
 1200 1110 1160 1350 1930
 1400 1080 1120 1290 1810
 1600 1040 1080 1260 1800
 1800 0770 0810 0930 1290
 2000 0450 0470 0550 0780
 2200 0380 0390 0450 0600
 0000 0390 0400 0450 0610
 0200 0410 0420 0470 0630
 0400 0420 0430 0490 0650
 0600 0390 0410 0470 0650
 0800 0590 0610 0760 1120
 = ABV
 VVVVV PROMRCh = 3001 =
 1000 1030 1080 1280 1840
 1200 1110 1160 1350 1930
 1400 1080 1120 1290 1810
 1600 1040 1080 1260 1800
 1800 0770 0810 0930 1290
 2000 0450 0470 0550 0780
 2200 0380 0390 0450 0600
 0000 0390 0400 0450 0610
 0200 0410 0420 0470 0630
 0400 0420 0430 0490 0650
 0600 0390 0410 0470 0650
 0800 0590 0610 0760 1120
 = AR

4735 kHz, 31-01, 0800 UTC

VVV VVV PROMRCh = 31 00 =
 1000 1030 1090 1280 1850
 1200 1110 1160 1360 1930
 1400 1080 1120 1290 1820
 1600 1040 1090 1260 1790
 1800 0780 0810 0930 1290
 2000 0450 0470 0550 0770
 2200 0380 0490 0450 0610
 0000 0400 0410 0460 0610
 0200 0410 0420 0470 0640
 0400 0420 0440 0490 0660
 0600 0390 0410 0470 0650
 0800 0590 0630 0760 1120
 = ABV
 VVV VVV PROMRCh = 31 00 =
 1000 1030 1090 1280 1850
 1200 1110 1160 1360 1930
 1400 1080 1120 1290 1820
 1600 1040 1090 1260 1790
 1800 0780 0810 0930 1290
 2000 0450 0470 0550 0770
 2200 0380 0490 0450 0610
 0000 0400 0410 0460 0610
 0200 0410 0420 0470 0640
 0400 0420 0440 0490 0660
 0600 0390 0410 0470 0650
 0800 0590 0630 0760 1120
 = AR

UM10 - 10-minutes net

3531 kHz, 01-01, 2016 UTC	10-minutes net: JZZN
3115 kHz, 09-01, 2020 UTC.	10-minutes net: L6YC
3860 kHz, 09-01, 2020 UTC	10-minutes net: L6YC
3115 kHz, 10-01, 1951 UTC	10-minutes net: L6YC //3860 kHz
3860 kHz, 10-01, 1951 UTC	10-minutes net: L6YC //3115 kHz
3860 kHz, 10-01, 1924 UTC	10-minutes net: L6YC
3115 kHz, 11-01, 1824 UTC	10-minutes net: L6YC
3115 kHz, 13-01, 1552 UTC	10-minutes net: L6YC //3860 kHz
3860 kHz, 13-01, 1518 UTC	10-minutes net: L6YC
3860 kHz, 13-01, 1552 UTC	10-minutes net: L6YC //3115 kHz
6780 kHz, 21-01, 0744 UTC	10-minutes net: AK3F //5735 kHz
5735 kHz, 21-01, 0750 UTC	10-minutes net: AK3F //6780 kHz
3860 kHz, 21-01, 2023 UTC	10-minutes net: L6YC //3115 kHz not heard
3860 kHz, 21-01, 2047 UTC	10-minutes net: L6YC //3115 kHz not heard
3115 kHz, 21-01, 2049 UTC	10-minutes net: L6YC //3860 kHz not heard

DIGITAL MODES

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

F01 – FSK 200/500

7629/6783/4034 kHz, 04-01, 1940/1950/2000 UTC

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

5089/7337/9481 kHz, 05-01, 1850/1900/1910 UTC

_____ 84875
43911 93743 18303 41802 36353 _____
_____ 68721 71282 85503
_____ 05691 30294 50665 _____ 18510
81491 98077 _____ 11954 37079 83521 65674 46730
52471 67636 04031 14541 _____ 88454 22132 15662
81000 20893 35216 _____

23180 82646 86972 17730 12876 99028 25098 72585 29074 _____
_____ 32670 77773 28905 73398 68881
80543 80903 72083 95498 78320 86588 55999 25767 89661 76313
_____ 95169
83148 58648 28834 41569 31109 _____ 09586 48482
17949 86688 53434 07605 31659 97564 84676 44277 48110 99466
_____ 42905 21872 73169 84360
00778 44861 98727 77610 5+325 79131 03044 15471 84362 99614
40047 38959 21786 24849 47715 39420 07532 35528 34586 59746
_____ 44933 62880 52508 02394
96890 01493 _____ 61048 70353
72506 _____ 93134 71125 02807
88633 73737 98460 _____ 88345 26117 37999 25871
77653 50759 _____ 65962 61422 87962 47168 02214
29964 43561 71527 71464 61609 85283 90664 28976 84211 87096
_____ 03230 18688 91585 15034 56356 55559 00002
16715 59633 30194 83853 86548 _____ 70325 63311
05321 67636 04031 14548 35270 34051 38266 00000 +++++ +++++

F01 – FSK 200/500 Mon-Fri schedule

11079/9162/7509 kHz, 02-01, 1015/1025/1035 UTC.

71443 14604 45750 10457 65112 50270 41831 85350 40835 79196
58255 27512 57224 15919 50008 98371 28932 46159 83075 89746
99483 84799 93078 60769 44701 86694 08069 95624 80108 77497
71426 61768 70797 96696 25785 73327 67157 70047 43939 89357
14932 53582 17649 01656 13022 16396 40309 91808 17486 54380
44386 62170 15167 52111 79592 70450 15382 35065 42707 22600
33124 79347 95009 03695 62197 71143 28233 51482 61734 33048
65002 02306 04533 59491 04677 64065 60640 28417 50540 95928
14633 81438 79275 99457 40026 89619 38670 50858 79246 47105
84465 29023 02612 59752 92324 19066 44750 20988 05815 96030
41897 92045 06378 18469 18513 28795 16202 86556 96648 22332
69946 44460 26511 45533 16247 31624 61646 22752 34946 12674
27200 64844 80987 40613 54674 36717 90898 33017 81628 49587
12816 65898 39762 95122 45981 14935 79807 63679 00649 98753
06680 13802 14336 03943 23323 85179 85364 96500 06676 72247
09622 49391 64210 00623 31481 40902 44473 73561 44821 03495
00067 80610 05083 27818 26509 85673 38293 51604 25417 36642
58004 88096 65428 63801 26079 73730 39335 59201 18258 39727
40826 54157 80456 37315 09310 37096 86712 71237 16236 78913

34743 21258 91359 58040 40025 56341 12380 02410 14356 71188
06403 90492 39820 99837 36652 78617 74109 85988 72874 46738
48118 14761 68868 79848 41774 35566 95589 27230 49016 30775
03251 06717 67880 09880 10867 46171 76616 33826 46678 79349
81775 99212 87890 38353 49209 37039 73171 09848 53922 05694
86330 47239 09699 82866 34639 55996 64461 86073 70206 94302
72284 76485 27869 56227 78008 25743 78010 29610 75390 50448
17771 45828 24718 44015 49066 63660 40846 60579 16867 54405
87575 30639 06156 80469 39315 13125 21035 84592 95966 13582
94378 31905 61974 23152 01504 72012 25468 58045 76272 13275
98443 04192 53086 26492 03914 96743 83180 20161 20969 89145
98683 54513 23691 91425 22867 86503 74845 82428 50019 62937
60301 25647 43387 03943 75104 43368 24631 43953 97159 28796
53201 22400 09437 00856 19118 41297 56655 31363 97544 31914
47377 99240 38631 97709 37450 51470 91040 25730 55731 75481
82611 83646 58038 12639 06575 44630 20257 67544 86788 07242
06549 92815 20405 02528 73591 54051 21419 05517 96797 04647
13533 93293 29435 25177 45776 16842 30600 07000 29318 78848
22977 84799 18900 34647 66315 47737 87347 58497 57576 83898
66580 42383 93660 37740 53555 19516 57693 85200 04606 29734
14759 56183 66582 68983 28067 59082 18254 90072 31448 87055
20400 46873 19146 10715 98030 99178 38831 86935 03174 57409
00000 +++++ +++++ +++++

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

37539 61769 46895 02182 00858 00195 25424 13075 77706 52119
02270 77450 70549 22228 37645 55343 49352 84342 95651 17226
91366 24113 76493 98868 24144 97828 29270 59019 82708 62026
18762 07108 16822 53583 44667 93158 09294 24991 36708 77092
91252 64494 74064 19619 65339 55771 02548 61889 72735 56862
47980 86112 64989 03019 49194 74313 66555 63167 59098 07423
38997 04676 87254 71887 82789 46100 82384 58067 00000 00000

89462 80908 64826 51185 08452 05287 82611 63241 02642 37072
02266 47865 71116 74103 00070 96897 00212 58682 15632 23874
10118 29324 04390 95313 55086 40573 30453 63675 31953 24329
66962 37903 76632 91107 96159 52519 53304 94681 26346 21174
65948 08546 67929 85622 46940 87621 35732 96035 02384 13667
69767 83601 18864 47805 91649 11353 61317 38630 38845 14147
16707 59302 43933 63749 63176 72098 51084 19954 69385 43833
86926 53666 53710 60599 27994 52906 57992 15262 31950 47660
15520 66145 24758 14503 17948 90342 61008 46964 10821 80102
99566 02537 72399 55707 61751 62290 55476 93303 64207 64024
96867 91106 43685 94883 24266 59105 00000 +++++ +++++ +++++

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

78538 98953 30481 92028 27646 11748 20465 20751 08936 24856
10615 51077 41160 02526 49576 38318 36302 56799 33192 14782
96398 75371 62498 73527 01080 03048 69802 92458 96771 31510
86243 65933 23500 77069 49317 36080 40223 51098 73758 41009
34642 52815 34256 22110 28418 39132 33414 57608 13737 51236
53404 14594 82164 02591 14752 36676 31718 58061 90680 09492
63100 58833 50472 71209 01032 72821 30254 60264 01617 75251
54679 17468 31686 89116 57910 84711 31042 40166 77370 67435
93559 06148 18671 53053 28069 64972 15182 02529 84957 71485
30658 57271 59437 17545 78377 28564 07410 55091 55213 61690
34861 86881 14093 91961 46733 54598 23265 34818 66206 79001
85827 77209 60329 31826 17944 62425 32927 44096 09187 85574
70745 80561 13453 41891 53739 34927 43873 95064 65474 25578
70179 57777 64552 96473 41930 01635 03014 52909 86069 38676
02650 86828 52232 41655 25165 71373 04239 95285 97117 29355
81228 95615 75592 05348 76844 39753 65525 96075 09937 73090
24628 18790 85197 86256 16852 22325 67181 78947 00322 70512

16135 32846 60672 52649 59089 60810 25751 00706 94633 24521
22582 17953 54828 37768 62574 48712 72677 97573 65875 43897
28605 10336 60833 02049 74378 05174 19481 90547 57901 51670
15010 76682 97337 24200 12137 23277 77969 80022 26332 28550
70267 43332 12823 14907 92572 12457 71324 96335 66857 32383
77435 79112 40981 99805 76617 75489 75891 92883 01725 35065
21207 42886 99997 23508 27612 89924 80468 03338 69505 89954
17717 96448 76343 65234 72905 33047 96109 15423 18044 16712
39353 31521 74410 60253 77226 79818 01071 72058 91971 48058
94429 97612 03278 70991 84764 45887 18960 77515 40655 55271
83391 26580 17276 78752 22127 24051 09460 93014 06149 37719
95493 61147 84193 52642 82571 03667 56568 34003 89843 57515
88914 89676 30006 27739 89353 49694 75352 61532 97442 04784
19248 99328 58386 71185 68942 82629 80944 73920 30676 23264
02464 65709 72996 63760 09474 23713 79247 83508 87294 91303
25152 30431 97080 57036 42425 82804 03741 88016 54366 70970
03184 59851 94357 13574 22308 50369 43212 48055 90187 89295
46307 60064 03890 81071 96438 41481 37348 43012 93334 31751
66757 25975 15772 22190 10890 09742 67223 27983 09805 90290
80974 57537 90371 01154 95660 33883 92039 36045 37143 47821
51309 64937 67670 47492 68324 60794 88269 94055 04037 79130
05289 38175 81369 57585 97043 96989 88825 27713 41496 36260
09976 56163 90905 87382 27255 57439 04395 53945 73526 45435
74354 87531 29823 15922 07643 37443 92728 77181 47500 04039
59818 70972 47128 50376 06607 51014 30867 51838 53436 11183
03904 88434 45744 80592 96453 09470 96145 27766 53361 25263
61774 41077 05032 60433 00000 +++++ +++++ +++++

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

66939 00296 96134 01423 87236 82849 66904 08446 04175 56227
75167 46385 25700 66671 59730 22223 26559 62011 05224 61536
21707 27448 64781 40609 20673 26127 06637 38190 80064 30427
14342 55309 96415 54914 95277 76599 06538 26895 77157 71562
87595 55498 97204 59205 74061 85235 13699 84505 33764 44971
94561 80120 70199 28234 62692 11791 43301 65823 02724 30877
25858 76629 58891 82455 37754 07620 78701 42420 25244 98920
82096 82033 77419 34933 60783 83344 97079 67422 37435 53929
68182 21520 39438 14390 87058 61085 00000 00000 00000 00000

63926 20255 46684 10968 59228 90431 99378 50995 79536 79827
20689 04500 58287 12043 85723 07547 53420 39851 48647 57498
59440 49215 81541 01068 16436 48178 37584 43961 27023 95297
11977 49276 17125 47318 99072 16875 01546 30778 69124 60884
40264 67214 13103 27545 96380 06685 29020 20565 31673 49265
48192 26188 00682 59232 24883 55157 29267 01601 37759 43759
88574 55719 76608 81133 00360 85601 12739 55046 34580 71680
76512 33304 85224 33678 90446 23001 35295 99278 31318 74784
46890 98287 19701 24328 37322 86961 60401 88201 27203 32213
82186 62091 00000 +++++ +++++ +++++

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

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

11079/9162/7509 kHz, 09-01, 1015/1025/1035 UTC.

45455 97929 97715 41921 05461 41427 66037 05198 67599 67903
12401 82209 55101 99935 56788 83389 47735 49425 99018 84369
81360 59124 45110 51543 44457 29018 57956 89196 82558 82263
05758 75420 46540 50364 06646 78972 45689 82265 92934 74283
91495 07078 43435 96800 43107 05080 57284 05849 90378 66729
67703 47192 35455 44340 19139 32504 58836 26122 56226 77902
80839 87270 98000 68768 54419 97806 95798 43015 50267 91824
98294 10001 20134 27867 72096 47278 49318 95090 51353 42360
34244 44931 14797 71692 46080 52934 13665 34022 66329 40454

98942 80346 05327 10903 21359 07634 39590 80237 02564 08499
28948 06371 00953 94026 99398 47202 20540 31921 02626 01938
36346 67180 88108 15413 34722 17477 48771 50078 92055 60429
26104 55353 40293 54962 85695 89037 92713 63926 99108 70445
28394 70188 93047 69984 58808 03352 51740 64827 24985 19321
83488 15406 98675 99877 87311 42373 85961 64464 80624 08758
56740 11373 73889 36969 48527 30497 03182 15362 18011 54871
56597 74035 38805 43158 55444 34555 68820 10278 76168 63299
35710 48382 23925 83088 13818 05331 93755 22821 91062 12888
80299 09772 49210 81810 21979 34264 05956 06013 90587 41379
92257 43006 62237 29421 63373 62796 30579 59790 67012 82420
48258 07986 17061 28320 07516 10394 46311 93733 95903 86576
36634 83291 88019 41732 50020 62013 59227 79012 08954 50880
32275 76402 99523 36179 92775 07831 95740 84803 34456 13206
28470 82705 20144 47067 47441 38664 69406 60541 49758 20591
08784 96275 73346 16532 45569 01060 78786 37566 51051 85801
67958 04786 64169 87558 12942 87551 51519 13306 93608 85194
84639 70131 67340 69373 20527 11540 19321 29255 96301 54565
66821 86721 73984 47365 15935 73778 96295 91992 94189 89362
39432 52032 07470 77726 73759 99786 94706 95597 68340 82699
78741 60293 00260 13708 36835 95975 54666 15207 39229 20247
26472 71309 29226 38255 59658 68103 43195 36514 85106 26578
93968 93612 42911 57916 66049 50011 00094 95836 96074 04105
99670 85675 36968 26738 02007 34892 29226 11379 04387 54689
27761 02107 49748 47433 57762 66635 60519 19563 97986 06532
58477 24678 14930 21837 56594 66479 96321 72264 33786 16275
57366 02171 28506 24714 18179 21480 12134 32450 75848 59758
28074 09417 19571 35612 07526 77404 62280 08616 97843 95627
87229 05939 64440 13964 32939 40869 52148 23557 64974 65420
17011 59476 07965 24209 64405 35105 36326 01783 54456 12961
47102 80604 60676 41633 63377 51855 92758 13508 41694 46266
19472 22995 81908 77155 52593 29923 62926 12855 77803 57801
52755 20727 43507 81630 66313 49941 43488 63417 00000 +++++

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

76705 03385 96953 02686 30965 46358 97822 75222 25542 33291
75694 45357 03823 81392 92951 81713 67500 66976 45401 09495
48421 53436 45887 47288 86-78 49003 56827 88510 30066 80225
01367 75908 03354 92107 07828 42572 04083 10851 67148 17882
27576 30125 08004 21843 32031 06812 19280 96225 88002 77167
74606 45973 79158 29320 38626 89285 46480 93060 59683 39846
93120 32855 78639 69603 92084 55016 08475 25567 63934 64969
64388 99033 16703 35564 49066 70705 65195 72342 22823 80111
71876 86734 13283 92790 76531 13086 44306 63666 06878 30484
88839 64091 00000 00000 00000 00000 00000 00000 00000 00000

98217 11010 73171 38086 73747 35240 22439 01085 52402 48695
99883 85535 92723 00300 06251 50802 44725 81124 76860 48274
14251 39892 27846 96282 56323 43482 27483 80518 95936 74666
53556 84605 99737 84215 22699 80558 47005 39608 02645 33777
73403 37495 43324 02282 85913 72127 87744 34882 72395 76927
48599 97945 54222 81391 61531 85481 55413 50513 50994 92201
86710 98913 69655 54261 68032 96861 97261 87366 37744 10387
09923 65071 00000 +++++

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

87441 34554 65705 13290 04825 27837 81044 20071 16391 10213
96802 24014 90682 98588 43484 82502 13903 95441 65772 55453
43133 48650 90443 88636 41677 21976 47504 63111 44973 18368
55484 65453 30510 23293 06836 58480 90185 60273 14359 57149
28539 75815 04607 39314 35307 95924 69194 46039 05731 21384
09963 51149 07050 53992 38921 04703 14631 70955 18914 80081
66162 89590 55950 79381 07350 89572 79132 76787 27552 84867

69108 04629 08804 62573 21015 11797 36647 30839 52812 49210
46215 43050 94981 62021 02019 90475 22499 93248 34847 80559
15035 28521 84246 43039 56310 36623 19997 31088 08560 85531
41033 09665 23017 38620 75241 48257 72382 60738 28576 60203
16200 88829 56926 55789 35074 46797 59180 01302 94682 09292
14910 01218 25504 44110 15130 45740 29208 87899 59554 90842
47644 34848 18801 63021 55367 43047 84967 05949 61627 88223
59031 11203 32783 19522 48496 00265 71048 97015 73737 49982
10537 15661 06469 78668 16520 45342 88781 35037 98848 41743
06185 57155 75475 07684 13088 93607 47007 09644 34161 04047
68229 79154 90011 81334 27549 53727 20619 62448 70275 37032
04955 20343 26690 82997 00233 53964 30843 33525 49232 18582
41002 64499 29115 63656 97705 19797 40192 70404 80346 37961
58064 06257 48230 01243 97580 38409 77048 61697 62053 73627
26687 24011 76159 16524 01333 89758 25976 63469 87798 92775
54575 74341 83000 80324 86632 89288 46548 19760 80471 82706
39357 35357 30980 71602 34236 05014 71861 20549 09394 71496
50618 10402 60780 47930 74743 62974 94219 22210 52532 38863
83271 90025 76965 50595 03738 71190 26090 58308 80781 88957
78347 40121 09574 17007 66277 54415 35414 23804 17042 36190
04261 68999 53196 94682 19612 31580 52157 04458 66666 74430
87801 07133 89710 75018 02623 65934 33669 76879 83899 40281
85743 41586 42303 72567 78093 05897 16384 04343 37493 73763
51371 64078 92887 97897 25731 93693 76804 30564 23918 06050
81550 48312 78743 90581 56128 80310 31827 09263 54815 94985
85537 50089 73336 24655 44887 30277 33577 32823 72791 66342
02768 53855 07161 53274 58073 59690 13232 19972 32539 33298
69601 53139 03313 53561 11381 06825 08098 21271 78921 39795
00757 80918 45543 47925 82024 17986 22706 83795 66245 36398
66054 80685 70090 45854 30786 23151 34182 13693 49768 31366
13563 61009 32849 51425 97957 07694 10799 68788 47754 96079
27211 87062 56638 47897 67517 39294 76834 34213 76432 23978
67883 63045 65789 82955 54881 14347 82683 63394 07138 77030
58470 31039 73182 67738 21363 26923 33051 36039 41146 84713
53797 85731 54466 50905 59165 66954 44123 75013 49357 18783
70800 61996 31839 67000 80676 04049 49117 06735 37353 34000
14429 24643 51536 67463 91269 40339 06902 59596 77720 71740
05632 66441 00000 +++++

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

05931 41371 62722 43485 08577 21590 55307 46575 38427 10713
39643 58637 34527 89591 23087 06952 60791 90366 04214 48737
99965 85041 09416 22851 55888 15548 37004 39094 43751 63765
01032 66045 73017 84906 92002 03367 52724 52734 96665 49527
73815 90016 44079 00863 48228 82687 70128 42933 09399 01124
17694 20094 03882 76997 14645 94228 28771 09130 96859 28584
94605 96784 68443 57634 18462 23843 16351 28921 76893 67069
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

90469 49647 71589 48115 72579 67767 51517 51727 97108 55861
84754 09385 80936 43610 21144 52505 67158 51550 63635 72182
67955 99147 77409 08558 30208 26646 67854 84436 22310 22864
88317 87822 65607 76142 63588 33073 58900 90624 40039 55343
69459 35052 98362 18036 88970 16269 89845 37910 77866 94620
82115 57562 46475 83438 25291 19959 46417 99785 74494 24703
70698 58668 29635 70726 85930 27888 78418 15100 45118 85721
53526 02641 54450 48633 39877 46007 92528 61175 92935 60972
05484 65303 53987 86562 26399 91255 73327 44737 92495 37215
77297 19317 58500 29923 40098 58836 29651 83434 46343 33002
62764 98212 55250 97462 08806 68105 00000 +++++ +++++

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

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

11079/9162/7509 kHz, 16-01, 1015/1025/1035 UTC.

16577 90876 68719 01328 64553 22731 54568 96937 41908 43445
14842 16874 09735 99760 64668 18888 42305 65658 62020 08144
16988 60665 42984 32335 83547 65131 41895 01109 55038 43414
51028 03247 87454 10915 99515 20039 40349 05900 56204 58285
35590 52043 86113 51365 56453 22626 15204 01808 54228 42343
83126 63805 54541 87632 88654 89104 80560 71487 57473 84720
35297 23675 87021 55892 10160 02300 48075 32741 11984 97656
47751 04053 25689 14308 83629 06629 54781 42309 43672 43633
06865 53551 31633 30396 16369 84117 22644 91079 21665 88632
78659 54673 38765 77503 78457 23734 98791 73024 41875 14325
41408 45255 52976 90576 81382 13625 11820 42318 90497 25204
69543 79213 61970 45559 26425 39837 49579 23157 97625 39126
98694 13235 76291 02655 11378 72077 48711 61156 12762 57650
41208 03745 10884 97509 03460 13253 67159 09945 57930 32153
19694 89265 70101 32463 26612 91205 19199 88112 21591 79347
74084 73173 98794 18524 04018 34413 69383 26132 78971 11603
56795 17295 39175 04014 22989 04801 38593 06544 42823 39777
92014 63913 68773 04014 80440 16358 53170 89894 94463 35269
20136 28848 20319 72213 04425 54292 98302 69761 99340 09970
08241 07580 80927 39642 61692 82209 00610 19068 05582 43971
63487 16196 66943 39443 34453 90531 93468 32936 39338 67588
69541 05416 53258 49382 12440 54300 93354 46896 78420 42574
58124 45452 33333 70659 80507 38939 67488 69473 86947 93814
59441 38122 79579 28838 18397 74648 83761 21461 59906 73299
28122 76814 94565 86723 49315 20233 34371 76550 38669 99250
46458 00788 72917 06005 08875 11472 96198 55992 48103 61008
45516 84106 63003 40642 36840 43901 64868 99495 54039 21009
88286 17611 07838 96662 52483 31426 56976 22249 77848 35143
08764 90838 87315 06403 41218 16616 47304 29713 13973 58173
27890 16078 60140 46573 86907 42243 76320 04148 07665 58018
52940 64944 44953 35096 12118 32784 59055 55820 45223 37839
42420 65320 67346 77699 68705 35480 30837 53835 18873 14141
65118 39414 64014 58011 34959 39405 09611 72697 34386 28901
30904 08307 58432 80600 54065 84044 19903 17393 62851 40264
03351 50976 35446 41387 73438 92440 41153 78144 79895 45775
51645 42573 26233 20211 46453 74196 94421 22356 17379 00842
42713 14047 01519 22519 18792 46869 97591 11808 55450 09268
45257 29180 40965 47194 72101 76708 81373 44229 37995 38584
96829 72112 31497 81894 19230 47622 97999 16089 83292 56740
04292 34573 28293 32034 69251 86872 52612 94208 15317 54798
88327 93745 20469 31051 87986 13590 75370 23714 40798 18794
75381 35047 60387 64083 02119 88048 11332 95268 74253 99201
66647 69421 00000 +++++ +++++ +++++

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

16453 48789 62912 80113 46054 35418 05450 21328 02474 07819
11846 39612 47188 06755 27777 47697 40613 93068 26284 29910
74958 55712 66656 30322 83742 03075 69811 23424 63904 17294
08625 59504 71456 76249 36634 01925 76599 72918 03557 98476
89256 86776 31071 54004 90954 86946 47278 96489 33979 71762
03298 53780 93772 74454 20435 83145 85472 89631 41339 20860
80557 00254 83613 43986 84529 09777 19306 61554 61561 09167
28703 77326 17065 33457 01895 91330 74095 87551 86515 32344
04549 45947 05126 38532 01081 56074 90651 28411 00683 99934
13335 29335 95857 70093 00000 00000 00000 00000 00000 00000

60830 51198 71015 68209 60856 63156 23440 60986 15414 76337
26374 36083 69511 22204 44232 26101 13756 66858 47830 61652
58911 27562 15744 71923 07419 74126 59989 06807 32843 69845
49450 47811 03148 31669 29503 99923 08772 14307 61271 81618
81421 47942 28938 55199 14521 84242 88572 64657 21264 30363
56892 73239 91200 75629 63402 17909 31292 40575 14360 22891

02387 03035 41982 39484 87025 80976 37354 04332 49553 76756
90456 33337 74436 12491 85770 93405 93750 71077 00000 +++++

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

61061 85141 86531 09093 78286 22932 48162 52423 29726 48502
90043 92809 90738 69967 84357 24231 71626 15864 33927 36468
74588 38667 83518 40341 63659 83235 55846 16482 52328 43647
29469 73581 38514 56839 00774 27044 41600 06513 97224 33991
21197 35722 34071 45554 82340 91598 31703 62378 96800 50631
35831 04303 95183 97962 07691 30124 09533 59122 76456 68401
71101 07631 71045 45235 92986 96933 73503 19955 92313 90080
61163 64651 31663 85598 29760 48499 84423 62994 14688 12799
53749 96317 52589 47678 99827 09243 50469 06396 55134 70070
54508 18172 32357 50131 35778 85503 54690 93986 35031 76877
63178 74893 33766 50837 80791 33959 43749 72338 37941 26427
32174 07316 89089 23518 24668 06426 75178 43293 53296 13870
11535 08941 41796 62266 05954 57955 45189 39491 36651 50623
85980 38423 44758 51270 54132 25544 21060 80694 62987 89322
91660 63232 78341 54316 32254 16888 62845 71938 65706 59966
02929 23823 22618 32654 10427 98719 69565 56967 16110 28865
34705 83529 97284 96766 85429 98592 06672 48329 37758 89755
94739 73268 02161 93808 42678 38747 95485 75144 48214 87173
73693 08176 31433 34096 65081 62193 52819 27128 08678 12098
60688 51856 27503 23456 10193 95647 91381 85307 21111 05315
48990 89159 66580 99554 33835 77616 09988 22121 73840 11069
32177 46651 59236 25898 16190 69089 48435 82605 81706 48652
16590 27338 86381 83256 76507 15215 36264 30366 26616 68921
72484 09183 05671 70983 26399 45122 58888 13178 60383 42511
45188 51505 36450 96450 40241 40170 79892 79768 15000 43000
30132 66013 94412 45742 95961 74420 25993 17680 57372 47783
12946 96003 81142 99178 91527 91366 42396 88473 57335 38079
69293 14554 70208 37358 53063 34217 92427 67095 90545 43659
39910 56548 51453 83497 51068 49427 87511 53266 03047 03789
25701 46326 29999 02187 12746 41112 23102 70512 03084 09676
17008 28967 07458 29448 92395 23597 44357 09158 49331 11835
61468 64851 31112 00483 19339 06950 03293 59571 54428 24274
17570 60540 63748 75981 15213 12165 78270 27352 49747 92685
17288 90356 33548 01554 40927 54955 38056 79251 42985 22040
02295 68616 51290 73996 29366 16102 27772 43782 75635 36418
85418 68486 62272 88996 64324 38300 63840 39697 34001 76831
53628 06215 14148 13708 10409 10611 31068 35398 16309 87415
51914 25197 00477 20729 63954 28310 08243 08763 91045 02965
00457 79270 64504 43507 12682 04283 90551 86393 28944 87601
81536 35047 49722 23488 43113 64482 58858 49975 34557 91663
19084 45245 44423 22523 50847 40522 48715 11568 74127 47887
43768 72411 00000 +++++

11079/9162/7509 kHz, 19-01, 1015/1025/1035 UTC.

77605 17644 19306 06099 13057 40770 08729 44342 70750 15810
87781 13852 64429 89381 54082 00349 85863 11133 84846 09818
39465 50555 39719 76386 50434 81477 01972 62097 32379 63915
06529 90766 25352 77981 28242 83108 40222 89524 28854 85317
70343 52202 86098 08298 56438 75660 53358 19720 15648 14519
23331 56102 70671 57839 94139 47094 39949 23777 61317 69157
74813 89087 84105 70832 54553 08190 99518 36763 75317 01465
82583 82690 93819 17484 76221 98587 11746 98840 39189 73079
00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

26182 13447 13222 01627 77770 86337 79651 79905 80954 66960
35094 62803 44094 26980 62162 59853 72152 52705 74896 28724
65855 84658 35354 51951 74080 23257 00776 66491 10403 55298
74749 13306 69739 80928 60817 99145 06029 45792 41962 87727
56883 08043 34410 62503 26150 94899 89187 28185 60323 28456

39867 43241 79735 25396 19945 00522 50480 00336 98287 98231
07986 27467 06073 68411 68193 40178 53681 55131 87265 73363
60964 59575 55772 78084 49328 94213 38281 63294 69067 13238
94301 44285 60401 11457 41510 02578 71622 08839 47197 86910
82830 74091 00000 +++++ +++++ +++++

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

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

11079/9162/7509 kHz, 23-01, 1015/1025/1035 UTC.

77902 62443 76634 93127 68830 66303 37237 78716 90028 40421
57737 77177 94054 78811 39345 25194 92520 55531 07299 98739
89194 83924 75851 81747 42101 20889 38350 60273 53067 08348
43356 46823 08148 69120 42735 64559 17360 99369 22651 46045
27182 24826 53420 26229 04239 12956 19139 34365 13613 58291
13043 14531 40227 83077 09520 29460 26729 20448 48722 27357
26314 72303 94718 76384 93937 59085 53109 96519 64326 03632
59063 43461 90262 16307 71692 24270 39544 73578 35718 49437
74082 07248 96354 51072 59565 46511 78359 21879 79122 80032
65175 54630 49430 30237 39110 86817 62700 56984 68486 80157
02982 32837 52711 89654 10215 57089 61176 01903 90483 00755
26962 47305 95887 99704 81246 15921 22490 38128 39391 31597
99759 89521 74611 64101 69963 07379 40191 83921 80929 82776
26160 89434 40636 11046 61395 61126 07046 34709 97055 22542
11636 54873 32311 12673 40053 28275 68290 99445 18344 92145
01194 89024 78178 84108 90494 10592 99519 49274 63183 81305
54177 51732 39984 81126 98665 32630 94478 92189 89826 82014
81074 82417 21641 16635 92768 38056 06663 80886 34624 74827
50533 13093 23913 82381 92978 44299 52851 81736 13774 21780
74872 00395 27062 74435 00378 94820 12506 62275 12886 74972
56688 77169 41541 10569 03201 87052 50900 23785 34866 40780
33946 98058 36525 75811 19255 57699 11826 95911 28271 97982
52457 11066 43605 70425 83261 56781 74318 52917 31658 34979
29105 59412 94826 43646 33326 68849 03082 87451 50836 78002
02873 86506 96517 07948 07851 25453 50489 18824 91444 10075
09906 12589 19368 23613 39291 28443 45518 99979 05351 60628
19682 56051 07186 53261 80498 50232 37864 51923 32111 59470
38265 16662 27956 91931 29162 26112 10105 77486 32446 27413
77623 03233 17470 11627 82363 86216 33402 19312 75636 00551
13579 05978 54204 01115 62742 22083 79022 11026 63149 87270
65178 65060 60442 63532 66450 26232 15265 56982 02942 17689
31521 02937 05215 37140 97239 13981 73365 45983 98973 95702
74482 50328 95669 59804 26910 16105 62949 89254 44783 85439
43739 35181 41237 86483 66182 50191 13755 53897 14776 87802
60080 02153 65669 22678 98130 18866 22056 71347 88359 70332
10602 18103 81985 36457 24854 75757 43550 17268 26545 35964
21225 78196 40756 88757 63302 26317 05865 16031 04330 34730
64207 88629 69300 57281 04411 21732 69348 00790 91318 68237
87389 46996 44447 54809 77137 41397 50924 90300 23937 91165
23828 01215 40853 39334 41882 73915 98450 07448 31429 08258
11698 23846 76630 12331 32446 79790 68827 93006 20906 80603
30994 21971 94565 84018 78232 81934 77992 42919 00236 22707
01944 94668 76662 75423 00000 +++++

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

91981 07733 35116 83543 50156 65204 73333 18281 88881 17911
01699 31433 47120 50677 69406 69344 33419 65401 56724 62224
18242 86442 20685 46388 13892 04004 30727 36191 02973 60180
17712 62873 01322 07377 84758 22473 66354 93778 53332 00018
86754 55553 43017 62167 14451 20486 08434 35504 24816 52720
81705 12658 16026 93306 93940 53442 83517 76237 74151 73207
30477 24652 49054 35581 00310 56915 92178 91790 42010 57237
95744 33766 44388 90536 63716 53180 00074 66228 49495 23655
85248 80625 86673 76083 00000 00000 00000 00000 00000 00000

25542 05406 58266 75351 75108 22612 14117 18436 83424 97305
96415 90401 27146 43117 00054 74370 40230 96499 15672 40410
32356 77611 77818 05093 80502 16917 41729 34127 35845 58457
43406 61492 13182 75712 22678 23517 55062 60995 13942 31330
87812 74327 34272 30133 11640 62718 23570 18729 92008 85790
16460 27733 44475 08702 50606 79921 30162 48273 41150 81142
04070 83289 75937 15233 83404 64893 11243 41375 28114 88014
72667 17333 50818 09772 90896 97002 98322 25785 27015 75721
71896 77081 00000 +++++

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

61061 85141 86531 09093 78286 22932 48162 52423 29726 48502
90043 92809 90738 69967 84357 24231 71626 15864 33927 36468
74588 38667 83518 40341 63659 83235 55846 16482 52328 43647
29469 73581 38514 56839 00774 27044 41600 06513 97224 33991
21197 35722 34071 45554 82340 91598 31703 62378 96800 50631
35831 04303 95183 97962 07691 30124 09533 59122 76456 68401
71101 07631 71045 45235 92986 96933 73503 19955 92313 90080
61163 64651 31663 85598 29760 48499 84423 62994 14688 12799
53749 96317 52589 47678 99827 09243 50469 06396 55134 70070
54508 18172 32357 50131 35778 85503 54690 93986 35031 76877
63178 74893 33766 50837 80791 33959 43749 72338 37941 26427
32174 07316 89089 23518 24668 06426 75178 43293 53296 13870
11535 08941 41796 62266 05954 57955 45189 39491 36651 50623
85980 38423 44758 51270 54132 25544 21060 80694 62987 89322
91660 63232 78341 54316 32254 16888 62845 71938 65706 59966
02929 23823 22618 32654 10427 98719 69565 56967 16110 28865
34705 83529 97284 96766 85429 98592 06672 48329 37758 89755
94739 73268 02161 93808 42678 38747 95485 75144 48214 87173
73693 08176 31433 34096 65081 62193 52819 27128 08678 12098
60688 51856 27503 23456 10193 95647 91381 85307 21111 05315
48990 89159 66580 99554 33835 77616 09988 22121 73840 11069
32177 46651 59236 25898 16190 69089 48435 82605 81706 48652
16590 27338 86381 83256 76507 15215 36264 30366 26616 68921
72484 09183 05671 70983 26399 45122 58888 13178 60383 42511
45188 51505 36450 96450 40241 40170 79892 79768 15000 43000
30132 66013 94412 45742 95961 74420 25993 17680 57372 47783
12946 96003 81142 99178 91527 91366 42396 88473 57335 38079
69293 14554 70208 37358 53063 34217 92427 67095 90545 43659
39910 56548 51453 83497 51068 49427 87511 53266 03047 03789
25701 46326 29999 02187 12746 41112 23102 70512 03084 09676
17008 28967 07458 29448 92395 23597 44357 09158 49331 11835
61468 64851 31112 00483 19339 06950 03293 59571 54428 24274
17570 60540 63748 75981 15213 12165 78270 27352 49747 92685
17288 90356 33548 01554 40927 54955 38056 79251 42985 22040
02295 68616 51290 73996 29366 16102 27772 43782 75635 36418
85418 68486 62272 88996 64324 38300 63840 39697 34001 76831
53628 06215 14148 13708 10409 10611 31068 35398 16309 87415
51914 25197 00477 20729 63954 28310 08243 08763 91045 02965
00457 79270 64504 43507 12682 04283 90551 86393 28944 87601
81536 35047 49722 23488 43113 64482 58858 49975 34557 91663
19084 45245 44423 22523 50847 40522 48715 11568 74127 47887
43768 78411 00000 +++++

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

93682 03399 98408 20681 68452 15968 54776 69630 46334 58838
75385 98801 96935 06188 36870 95049 47972 38756 28745 10017
53034 76431 85082 62295 21174 19913 61615 66646 81741 68657
94169 69956 82910 07270 99396 98617 47343 77543 03720 47024
33408 78331 11441 61865 75412 60439 47953 01914 01269 08725
38978 77979 51047 28587 11783 02739 44838 79043 29302 05105
73368 19574 93114 88837 09820 62925 76197 40087 66257 51050
71405 13540 43145 79073 00000 00000 00000 00000 00000 00000

36596 23228 77475 83690 62209 79961 59084 54372 93563 50181
96076 62079 12150 74909 36421 35894 84551 67899 28059 86391
93005 62186 20407 56921 10590 79776 81590 53513 69482 66683
42332 08079 95713 60471 02442 54599 08878 82511 60836 22994
10203 72129 55040 80347 07453 04838 21087 74190 50075 61835
09778 57520 73045 42969 20214 00240 72831 40331 36564 16719
63939 14694 78982 64154 89443 41968 04631 91410 83980 21860
19729 43044 12599 65928 88587 48193 33946 07219 50538 49007
61192 98676 80724 48328 19160 80085 00000 +++++

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

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

11079/9162/7509 kHz, 30-01, 1015/1025/1035 UTC

58942 28473 08006 41460 94629 49754 95715 21958 84105 18310
75522 61917 67335 45660 38515 59138 20109 19722 44061 84463
41634 36505 47100 61973 74255 92472 28649 65288 03740 79721
40480 84686 13572 51189 99885 44692 91679 48060 95483 76849
13052 06575 89995 77360 46659 86417 30935 04270 60143 87869
05139 93889 20682 49927 98089 01150 15496 46559 43959 93559
40415 23296 77309 53476 29951 41339 22394 68354 27308 21385
80993 13675 17781 04325 04724 58238 73958 71050 62756 46506
86188 88508 40882 37681 76730 74227 32863 06214 21040 96477
10007 33426 24619 52268 79901 44925 28866 90367 70245 73518
44373 71523 98717 52295 35098 83080 14812 67576 01857 50182
24592 26411 38563 10739 34287 18315 59668 46356 73672 75933
22223 86403 85177 64319 91008 27418 89649 53504 20171 35028
64717 54069 49797 20583 96690 20384 40870 09675 91926 51211
97040 44747 58617 42360 46650 88971 94911 71081 83448 23577
44334 16888 89441 55827 04420 48483 88299 79836 99510 31496
02777 57389 53649 36703 14563 10983 24510 53427 50026 46254
84299 37793 40260 45995 58569 50543 28894 02932 58876 64085
26086 83464 70226 43469 32157 39552 79245 30973 79275 10928
54004 88995 64660 84831 11443 80929 73717 05455 33336 94722
16557 50277 16722 38784 26327 15484 69748 64961 92801 77654
88863 98240 29660 23907 78290 77881 98891 67691 97728 39659
40778 92407 49211 93910 82860 90046 39062 79071 26370 87043
75889 95380 33518 74514 90549 48459 64116 85086 89018 57428
34944 83489 74120 07276 00309 63106 97029 50142 77232 65673
24505 85220 63713 66305 32775 71961 23478 91041 64033 56260
35691 59106 06456 14326 33025 67050 83698 43906 76564 56989
64804 57571 40953 36098 30455 57731 08236 39574 56510 98080
93825 54237 00773 61152 53049 44961 03904 06682 41677 51133
40447 70445 28915 45312 80882 18294 86257 71280 50651 85024
00672 03688 97093 52829 85523 96455 00237 48961 87705 12138
88360 67339 14383 49435 44294 43761 27817 11031 13366 39415
81683 78952 48955 12386 97337 89642 56579 81831 03458 25913
22448 14527 87498 67994 37436 88452 32413 70847 52399 13129
37046 59934 25771 11373 43677 62632 49392 92163 21110 17479
63492 69319 76785 28442 96771 05652 96319 56392 92516 87301
33929 64968 06694 57938 02172 63029 88945 67506 34440 10873
82437 15215 18649 82414 03495 91447 25542 00505 86953 48293
80083 87584 08178 53366 49334 98857 17673 06629 45280 30169
49231 24877 66038 17781 87557 23596 23876 72228 06296 50866
33489 13445 12411 53007 58964 99342 57848 76644 42878 65044
04427 36891 65956 14940 52878 81415 00000 +++++ +++++ +++++

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

88404 82769 54237 20444 74181 73085 27324 65198 53444 41288
99943 47164 61805 96760 50623 92057 68257 61497 49473 26087
57130 98618 94481 26184 23024 05814 72522 93781 83430 97181
62252 38059 38712 21865 21094 79597 34129 92960 23484 10381

03610 25105 42582 71090 99943 04198 92625 31613 41091 37686
74109 85709 27289 58857 88993 95791 08647 83571 18111 48719
07920 42869 77977 08581 28148 39904 99173 77382 99835 04620
93504 82071 00000 00000 00000 00000 00000 00000 00000

71369 60326 70289 90165 85672 97972 28921 34051 52396 36345
85868 50757 28488 43169 69673 07573 48308 54865 60563 71240
48573 45027 51581 07341 34021 96511 27779 70010 94744 31822
36912 49177 11114 81492 50079 67497 07235 95138 35740 44200
38888 24872 95548 67998 26868 35771 35441 46283 71672 23089
70415 22766 10487 40876 86436 80766 02374 71735 07914 74340
52639 92363 44179 54415 12285 14581 13405 82141 13502 06550
67402 46634 27137 23840 65739 29300 53063 05056 72608 81926
79407 11700 74882 10743 71552 16956 44810 83087 00000 +++++
+++++

F06 – FSK 200/1000

Link 00000

9481/7992/5089 kHz, 01-01, 1030/1040/1050 UTC

11100 00000 61973 30057 02239
84002 55166 88805 34011 09679 84078 00760 54497 34336 11752
27381 60420 85728 66196 29883 38676 77519 86598 33568 37630
35786 99610 28018 61810 41251 74250 60350 31938 98172 10105
94977 77470 65831 38518 38309 53861 13558 41460 51826 01706
85221 17755 01985 89972 84142 51358 20362 10508 14344 61380
72497 15987 39087 38525 58866 18523 42638 97652 96411 91096
06188 01132 54092 39012 33869 32692 40856 33558 89812 26443
69508 25061 32175 80757 44887 77525 55076 11713 49792 92041
74380 25763 27111 11143 18273 16338 81568 21323 08544 14059
49546 95871 43552 45251 10404 45234 18765 78450 37743 67082
45852 63574 14049 13272 56239 93471 57151 15889 00079 42512
31932 39562 76564 61913 45736 52234 56534 36503 50898 31575
83292 32588 02846 49228 62596 91620 47202 00080 77735 49362
34328 68729 90649 85215 84751 50359 15019 31424 53900 68184
72263 96818 69601 54670 66390 84808 40763 88713 38625 10289
60690 05957 87769 45171 53466 24446 67215 47210 36837 52803
94555 51813 00035 73105 34738 31540 19983 15657 42681 52950
64323 67847 76306 85510 54682 84277 15917 42239 88643 90342
50862 56773 43843 96456 19425 26553 12628 65116 12865 76801
40724 97974 79566 25000 68344 35131 90216 50533 97172 83810
49956 99200 31667 18625 68443 77275 68118 20607 23763 14809
29894 47197 81122 02850 72316 50378 52268 34288 05609 85142
06565 57221 00000

7482/5092/4043 kHz, 07-01, 1400/1410/1420 UTC

9481/7992/5089 kHz, 08-01, 1030/1040/1050 UTC

11100 00000 16957 30058 02799
62128 06543 56506 12008 74112 13520 09388 79972 99613 08750
20934 98592 16577 10060 95794 43621 41349 62050 46289 98316
73496 53928 50364 86953 82122 44869 47140 96328 32139 89087
31002 89934 73902 77795 30153 44507 44674 40246 80583 63613
55334 71050 31391 47984 60785 75941 42378 27273 37483 53195
59877 82919 16539 52875 81734 16828 45822 81095 47391 45521
79502 41500 14004 24476 18479 31127 04530 32321 50112 32859
38727 69589 60725 71641 83005 51699 19285 26663 80057 00872
55719 16673 44210 66654 82293 00636 33445 29751 31499 60904
34009 68830 08878 61096 18564 95027 84224 95872 63805 83788
69613 74791 38494 58778 57667 07434 97836 07528 18530 81987
45147 33498 78956 54472 46736 74265 31979 90802 10952 40503
50568 28862 67332 55454 03747 52794 06779 99576 98568 96676
68709 90057 96427 19793 86121 49869 77107 20653 24503 46074

49035 81991 75526 02045 29156 63896 91465 13309 40875 87278
71275 21683 03506 74850 34264 27401 11657 41825 42308 43922
28004 53499 56533 25092 37866 91921 39410 19363 39051 98833
38189 30752 65378 87061 10637 91215 67339 37560 78974 74152
98325 24280 22995 03695 79848 34062 48266 39492 44217 73735
90373 41673 78082 81610 41134 45665 15305 85552 07723 01575
52568 74826 40641 57790 86198 77900 91479 93527 93593 63390
86396 29979 07736 06336 26256 74761 58199 87001 49368 79362
77098 14381 17761 14254 93423 91593 12929 91366 64179 65368
51984 88629 15793 26793 60165 56229 94199 55520 60623 09311
47065 24626 67432 36780 86574 08287 92765 80914 06221 59487
04158 67459 50035 49931 92817 90899 57704 89345 38896 84594
33990 66368 84682 30467 15918 78205 51633 87922 36146 41247
62194 46707 05966 99820 52342 33363 66372 58277 00000

7482/5092/4043 kHz, 14-01, 1400/1410/1420 UTC

9481/7992/5089 kHz, 15-01, 1030/1040/1050 UTC

11100 00000 75924 13059 02179
69286 49000 83066 95845 21815 36181 26319 72199 20736 00031
09282 92973 91417 72547 92692 40640 15140 79728 79572 70418
43562 32687 64512 25455 18374 44629 12355 98978 25805 22163
08455 54357 40684 04350 47710 39013 39740 47957 54554 53113
88827 82331 51088 58990 33766 82343 15545 42219 49477 32834
98274 60295 27114 83001 87439 39839 03866 14173 41599 08285
65121 69384 31374 70973 73688 18219 57394 69590 05751 55336
36685 82897 98246 56132 74711 55675 37368 37960 65250 66837
42851 00361 85278 72634 27765 42731 77074 85899 38467 82877
34709 77257 04430 24872 37123 09253 52612 49678 94968 39324
66074 26960 03412 52556 91510 71518 18080 10165 25405 92801
96338 24636 33482 10910 71088 97463 83147 37548 49272 80422
93600 45358 52270 46314 33318 74060 40386 80123 19584 46859
88593 26521 99751 95528 05748 54655 18948 17639 14433 26158
03871 14338 33650 77323 17403 82146 31523 51372 63708 57186
40202 41755 48502 35295 50177 32435 24188 16452 26161 46071
74540 46957 11745 36053 18637 57809 15018 83322 38702 22703
92321 83916 61571 84098 72340 38169 48459 20795 87711 77510
72708 55441 06348 89805 90221 25430 79639 29162 32249 65605
49757 21146 75234 76229 83207 99351 67394 74628 22862 34250
16726 53984 75612 40264 70125 97677 77873 72003 38307 22645
06099 45594 46218 50172 24502 59215 00000

7482/5092/4043 kHz, 21-01, 1400/1410/1420 UTC

9481/7992/5089 kHz, 22-01, 1030/1040/1050 UTC

11100 00000 36941 20060 02839
01376 10028 85678 19187 54420 51194 73877 85187 75372 40293
89018 48873 32418 12275 50950 09941 01367 07780 45852 89216
10931 68295 45791 45152 18967 86104 02195 59950 36856 94950
42935 43759 44224 12368 27726 30370 61172 69603 41494 62855
70224 90081 30438 92584 05156 02335 10439 40058 48921 98349
02533 90998 07836 73254 75114 26126 54223 07299 97569 08065
54706 76051 35020 73824 26328 99757 38868 06269 87691 67798
12831 83044 97309 99182 59149 26374 96350 25010 34666 02172
97956 03846 71441 41914 90344 05944 41622 85698 45853 27255
71223 69933 53141 19156 32537 08095 14717 44841 69826 37983
76981 98307 38020 33926 84986 46883 59077 07359 79085 83218
25720 44217 75659 97692 07207 52593 99119 07171 36855 19072
57369 01037 85985 97203 77900 90463 53978 76540 46731 71824
29132 05677 17360 40220 00009 67733 81924 14030 21958 31717
21757 56440 68500 28195 79525 04880 22265 22733 20135 44306
85165 85512 72597 85275 12497 80585 70035 32735 00651 23191
30026 56477 83131 78576 42459 99186 14558 00765 57103 83032
47339 34691 88072 00718 30719 30167 77365 01956 86869 41089
84677 11283 43720 08348 95676 38159 29212 49853 65912 65294

56672 06140 42567 26130 55982 14970 31220 07424 30238 13376
99819 37862 42581 90584 37055 48656 62901 40257 07302 17035
29084 85483 69346 28598 02497 74967 51056 19444 22399 73840
97207 84027 88974 97542 32633 59678 29655 62209 07899 23706
28433 49991 19679 64054 22858 12765 23036 09422 98384 62652
77770 29791 34785 22796 96052 43307 84284 36823 83500 90442
86136 60446 90910 61384 47301 83618 18816 87577 43931 56707
42063 33373 23341 19093 46602 48706 11155 53661 95661 68746
53319 15604 67517 71463 47661 08973 32020 29033 44689 09432
58084 60281 00000

7482/5092/4043 kHz, 28-01, 1400/1410/1420 UTC

11100 00000 79462 27061 02579
54621 06536 99667 21646 80632 83574 75922 38988 51487 77589
39934 04808 89757 16661 83157 06628 59307 26325 39394 19095
36568 79733 04366 45600 37393 25656 44448 05696 72905 61491
30505 48010 32801 43496 57754 93328 19514 51398 37603 37541
81710 49598 72406 69142 20532 12140 49054 80969 67032 03636
12363 80862 54236 33338 04176 30942 32279 24542 79129 70189
00032 66510 33016 00003 51683 41097 04684 37449 61693 41280
37405 65859 56564 23760 10661 37490 46863 62839 78263 07912
17943 97756 73777 06832 02785 90658 69152 75024 85411 37416
97516 22064 08303 98447 76079 84547 82251 41757 90053 89492
22100 15366 23559 52594 56796 91321 48436 66040 87193 48485
06907 55560 90054 86263 49017 11398 91673 86498 10805 22902
59571 65681 44130 71415 85695 84684 34099 61153 59551 08208
65023 92756 54726 31114 20856 09207 77220 13844 31033 68795
49033 94111 97667 24829 25445 67044 65022 16764 69425 50972
17209 02443 31603 81054 15052 86150 09249 97914 08038 22142
82693 23495 82314 98352 52626 41295 30651 29972 26710 23199
55314 17567 28950 70070 39791 49447 30256 58300 50296 52946
23626 09507 53000 24329 92410 25563 57923 91991 45063 56142
25423 92648 14848 90973 96211 65204 47915 93992 30862 91977
28202 21573 69704 41984 12578 92021 49085 95953 74687 98544
34905 57775 80924 82842 59377 82054 46962 11550 71954 72469
48302 22685 40343 30619 83248 34314 62563 60047 11774 32604
75969 55123 18697 81461 74192 29484 74610 20940 67921 63702
93006 46602 50476 76893 07029 87030 54100 51924 14290 21668
07911 68929 63192 06175 33452 61255 00000

9481/7992/5089 kHz, 29-01, 1030/1040/1050 UTC

11100 00000 65213 29003 03029
00893 28122 30672 01653 03689 54420 60381 24386 03822 65062
51662 12052 03028 88427 19916 84197 86811 65887 16223 92309
67951 13063 52347 38532 48842 75303 96914 50343 63631 82106
66226 28377 86069 30138 58147 09578 14031 49564 02481 12869
66625 33363 26302 59536 54842 34317 57660 85498 11677 59366
16097 87667 92658 16017 63427 71573 82729 90478 13202 92442
70409 62238 22303 06932 75181 84741 13107 77682 39037 86875
99651 97900 18127 74938 16242 28146 35429 39789 71932 62506
80413 98858 79338 66368 66594 27709 31184 52939 82945 60831
23054 90745 00095 66376 45770 59259 17240 24489 95832 94868
60726 63948 77370 94360 70227 36797 94026 68112 33448 35643
54225 60181 55312 83327 38259 77470 72557 49639 00625 95165
49673 74777 06049 30638 17127 04224 22652 02974 37818 64746
20668 20354 12680 36191 50175 62441 61392 98761 96265 49981
39120 60489 35092 18793 75229 94545 39235 40346 44912 41123
05819 56103 09658 53544 05826 17822 87510 93298 78032 51003
39053 03698 16017 83667 80042 16823 21667 07650 56648 73466
23631 64609 44231 60750 84149 73926 55582 97102 42701 44682
69582 19287 69898 38911 16207 51173 30088 78310 78811 58931
76061 11588 99643 22335 24350 84649 99518 76877 84509 80802
47585 06359 40856 23165 42128 90663 10078 56475 88350 38397

23158 50474 84057 59069 05060 92065 49193 54517 50600 58429
60156 34262 19949 88279 74850 84465 02196 93454 59380 45199
20428 78029 52353 75696 76737 57131 27720 12276 60617 92649
42077 48642 69166 88033 77387 93220 12559 09353 15048 83241
03191 24817 02239 60246 51966 79942 96497 36707 20150 50549
99456 08447 00213 40775 15669 92551 24135 18302 97479 95449
22573 03971 61866 40863 83353 57983 90184 12307 82716 29871
46767 89824 87748 64422 77310 85651 53451 80754 72971 08491
62866 66711 11143 11091 83713 55794 08807 00810 39968 78784
03300 00000

5089/73379481 kHz, 06-01, 1510/1520/1530 UTC

11100 00000 19738 06082 03029
75362 16897 47156 49508 32095 01926 74345 71742 55074 77723
67112 50870 59114 99583 83062 55558 65740 41124 95236 50792
73786 41031 94596 54052 59004 94823 17606 16967 01102 83830
59848 37154 61667 58557 61613 29911 61415 18634 76402 14473
30172 56535 58270 94488 28068 57261 28961 37444 61349 71153
10763 82682 41255 02048 36021 32732 59408 77950 69255 07622
78136 96418 02804 66872 59180 61826 11946 28850 79211 56732
80433 42173 05611 14495 32371 88853 30931 85362 31373 23866
89498 13199 32959 80831 04568 65039 01094 98500 39493 80673
24837 47722 51331 34428 96015 63595 70331 26350 33883 12474
53735 44969 67677 48533 87334 68825 13034 39568 33218 98963
03175 66715 47148 39565 60835 27796 14006 68911 21834 98952
74733 67871 46252 34279 43230 98091 78143 08122 36611 47087
39718 29745 67298 82404 70934 85054 70352 82063 50443 85047
64507 33452 58809 25697 70322 17866 69967 88943 33912 22879
81822 39497 29670 49737 21966 97113 40443 07955 89409 89061
38575 14308 18305 12439 16274 38411 74566 61051 38733 62058
21343 96520 18438 44528 14279 68326 34105 11028 12490 12456
42692 06471 16205 83352 57903 81776 67005 98860 93641 04873
71599 02840 95838 13597 35062 75143 11101 52674 14499 43649
65609 61972 29044 78027 52712 08206 87149 69936 52644 77291
17102 29326 32815 69529 11686 51552 02097 64807 22960 34966
17560 50016 68058 53690 67082 25849 31970 15257 76277 35191
78220 57787 13176 80278 03415 66420 89096 20811 96550 13666
79151 70209 89064 53361 10811 32207 06535 22941 93975 44961
57980 33689 90992 24867 23698 53663 50046 27273 27569 12993
50366 66271 04781 86216 32690 60764 00889 31366 13419 98980
63171 90471 05900 38645 10202 81179 97273 84970 90583 34178
54329 13679 66781 56101 56801 31219 84988 22618 81536 89389
16966 31376 85991 96538 84792 69502 64471 92527 04462 75342
82300 00000

5089/7337/9481 kHz, 09-01, 1620/1630/1640 UTC

11100 00000 14785 09083 03529
08370 80650 66768 13039 08382 57895 58729 00664 81202 73517
84573 19235 74227 06563 24855 73157 92651 73900 93386 53836
80200 02630 43021 87331 51131 58832 53172 90696 65689 93613
03752 60451 66210 92363 65235 41616 16056 38174 59515 50755
08569 25366 71245 51456 38230 84036 14371 05695 51216 01590
83505 49508 17539 52174 44872 66431 91946 69966 46478 57113
55795 27242 52211 28575 57051 03165 29559 51523 90634 54247
45619 59176 86279 22394 51102 86024 96099 41490 57012 69972
99050 28460 33688 66299 64475 69734 86893 46873 41914 39068
90652 83048 69377 07641 81500 35708 17259 32380 43857 00855
10085 33447 41199 84217 93278 96816 72714 03300 37131 62897
60140 40295 95176 87115 94459 94334 59134 83421 97150 06477
77632 86631 75673 55893 30885 94564 77885 50687 78510 75893
75061 61764 22686 54666 28226 73229 53819 07411 17468 47702
70931 33792 38927 30029 93925 86724 99156 37799 09949 72911

61518 12124 21014 59715 24333 27101 85082 49328 35446 81408
67794 06156 72914 20472 47027 48361 46482 62624 37471 39515
99557 27717 27419 41271 16361 91603 44945 13017 63929 14945
95667 69441 23686 19761 39281 31940 92231 12185 97043 34812
56075 74834 07415 72176 69972 77258 72014 96551 93561 77879
59114 05032 65994 15890 56827 73993 23237 16512 93193 28285
87740 58082 65351 55813 85155 74394 44972 03490 67786 90723
52159 15456 49478 16987 14984 99529 81605 46465 56862 32819
24874 33534 78940 42425 96598 48830 29700 22183 98168 35305
78942 71383 52365 13586 38372 66387 05240 10094 95936 01109
72224 06358 56128 57262 33169 32952 03432 90352 05994 56500
31101 42307 53638 33187 02457 16721 04007 27209 36893 77624
87578 17603 37773 57729 22390 41893 04414 87091 01067 49992
95333 78104 59587 66789 34964 27798 32481 86876 80995 23343
24131 49830 94570 61723 50888 69503 80480 19511 33663 15760
89577 33663 45701 72082 00584 79304 45216 17504 23476 55411
47575 06284 91640 14350 16728 43784 34992 96192 80553 81972
51229 53762 99822 82986 17427 79335 45467 24209 09141 68944
63828 43279 19235 85209 34587 46487 93582 04649 51054 28980
25867 60399 77515 80225 78641 16277 63311 73168 22851 33135
83350 00000

5089/7337/9481 kHz, 09-01, 1830/1840/1850 UTC

1 message, 40 blocks, no proper decode, apparently 11100 00000

6957/9425/11611 kHz, 13-01, 1525/1535/1545 UTC

11100 00000 64738 13091 03029
83538 72274 40271 14981 52691 39810 82042 20380 42763 07420
15611 12206 53750 81302 78098 81708 45093 49650 40421 08253
12526 60645 66027 96746 93931 45478 94724 40542 02638 78567
12550 14527 11587 92179 93608 28066 36827 87630 24823 92508
93758 10253 49531 82915 24567 80322 90868 98730 20286 97132
40873 53050 85933 58390 26252 45206 22138 62148 86743 96324
21721 83424 27015 52573 04651 42736 28036 85761 39811 08698
28856 45994 27029 01901 14733 46071 37788 92247 72552 82299
38079 06925 99458 21430 41806 91216 75651 08391 68207 89330
37284 74503 01709 37436 10389 50887 77661 86090 91783 16716
42393 94258 87877 37026 61018 62088 47338 69775 71429 94652
48531 46807 07931 13831 27690 58449 42926 60528 58745 96395
20119 54407 20749 34587 77648 03331 13832 52766 84609 79701
09643 32391 39386 05874 47189 79606 03235 15852 10029 54943
67568 85424 45743 14460 78364 47964 13641 91976 66135 38041
71616 77128 54908 30070 38101 68897 48647 64156 90064 09321
18551 76338 82969 27064 39663 75416 03655 45547 50247 33540
92050 35304 32346 82766 92692 15273 36966 34752 21948 32692
02339 65783 61906 76310 38678 34324 16870 02570 77878 23267
93372 79474 11600 24087 89681 77821 66161 05070 05698 64477
87689 30815 09212 77398 35964 25189 19446 87075 10384 94934
93809 74090 56507 56097 28824 77472 26591 30487 11143 93548
92574 04334 79603 29963 34938 66341 84257 44562 55881 67333
53306 23834 90255 68649 03884 80578 12687 71519 57631 75511
64326 44563 46986 92477 47669 91636 23137 21961 62874 27191
01572 32596 84032 51337 06166 35335 98804 41811 97741 70000
59883 05016 98030 68869 21703 53332 44999 77009 60844 00896
40440 34035 03569 95003 75803 46971 08919 25368 47177 08934
80815 78377 95371 43281 07611 28573 32033 77950 52506 84516
37737 79658 43294 31240 42985 02647 34851 36461 28053 31671
91300 00000

6957/9425/11611 kHz, 28-01, 0900/0910/0920 UTC

11100 00000 23908 28001 02529
89405 90401 72026 40065 88247 36226 72014 58302 90742 04354
86514 78125 16592 17967 29843 38172 69320 21335 31533 02016
21264 23468 48324 86820 00593 52012 27409 48340 60082 15842
13137 83213 32308 99782 14374 34469 00953 39895 74681 11203
42912 52767 12524 58343 20894 17248 23677 37460 31192 32053
63032 04536 36314 97699 47989 95655 37176 96181 50607 56546
64524 66847 70721 76887 94284 01898 07203 15364 16525 09954
69546 26361 12723 21133 96983 24270 21018 32060 77296 46319
94136 14258 82532 99887 79688 34358 63795 05221 77504 59565
72312 69495 53722 46806 98948 53174 16289 39018 49378 14575
81583 16994 97075 43610 86835 80238 81335 20617 28035 55262
42495 61220 28018 54753 11553 33178 64413 36069 96366 56128
12143 32481 31625 20185 80153 55607 84770 84324 47090 92479
35078 40487 25560 45672 68047 54344 09718 89935 52335 18663
85828 43776 91380 80198 10508 79406 66928 26074 86326 19519
16638 40553 89465 94312 12955 68172 29109 57205 35450 44155
43266 82681 53791 78049 60697 94706 63553 01520 83653 99137
42052 16246 71096 18585 16373 02852 27093 53146 60805 76805
24077 15458 65855 02233 15663 13504 46027 99577 18692 79612
78562 08045 69208 69082 90319 88772 82051 76877 34998 79654
68738 45821 27865 37769 93347 64736 30202 30339 71070 79964
00641 60165 39128 68697 55580 36469 54736 47563 05879 27084
99816 14909 61995 52935 97123 50207 24780 10732 67491 19029
04097 34831 82878 57023 32467 34196 94903 31338 65913 65382
43552 02916 89206 27507 75753 38112 67685 90122 28500 43059
01250 00000

6957/9425/11611 kHz, 29-01, 1130/1140/1150 UTC

Unconfirmed transmissions

6957/9425/11611 kHz, 30-01, 0930/0940/0950 UTC

11100 00000 46321 30004 02729
12125 52856 63561 93977 63642 90516 95891 94030 47203 81354
97960 57348 96536 31096 58826 06352 84362 81447 52521 13719
61648 00102 56845 40100 64919 11082 73816 80131 65090 32597
87721 96439 56221 14614 21705 46318 07663 93313 78823 30767
28014 04640 78514 20592 14338 24111 24418 39228 85060 25089
64469 07003 20008 72693 29230 76498 56004 95552 59369 13731
11476 02566 58244 04802 38493 36877 30520 92737 25696 84244
92758 74186 00538 77990 66915 10664 04270 67721 92690 34046
38136 44000 19661 50977 04182 36173 65133 75897 89137 25518
48661 47370 64800 40920 39157 07398 03361 29252 75542 48411
31110 17644 46866 57625 68959 09842 42837 13441 33214 83837
10703 13595 95042 82944 79411 39721 22068 17529 37002 88038
50537 19568 72147 20832 61476 17230 15798 18425 59309 21659
43867 36324 76334 43156 26875 97232 51531 78941 37518 72612
57117 39685 52074 33477 71294 06998 06601 75126 20627 39063
93849 45479 40483 66606 11848 31712 26982 46374 00071 84891
78885 64330 24155 87274 52859 05742 95078 91973 80563 34349
33758 89678 20985 47799 16989 82109 46471 01548 65668 66899
85881 18393 61248 63587 73319 25850 01344 35418 75855 88545
30439 86621 98696 27809 06628 39873 91239 45671 90331 23621
02431 95436 65921 23954 58888 66029 32192 80719 64210 72294
22618 32555 42917 68442 41335 40545 77452 26828 25780 45170
11696 49250 71929 36246 19415 02953 83070 40543 61091 98526
28051 56762 77570 51890 19932 92565 93957 97538 50991 83346
32217 45253 45015 97423 55881 97453 12808 57345 95348 69381
21862 32001 27169 79306 16131 79215 05775 00932 46830 43521
71095 95205 00218 38798 80481 63707 33278 70451 38390 90798
04270 00000

13921/12167/10271 kHz, 30-01, 1000/1010/1020 UTC
11166 00000 74136 30028 00049 00000 00000 00000 00000
Strange combination of 11166 priority and 00000 link ID

Link 10053

11525/10437/8137 kHz, 01-01, 1530/1540/1550 UTC
11166 10053 75362 01001 00049 00000 00000 00000 00000

11525/10437/8137 kHz, 08-01, 1530/1540/1550 UTC
10053 15973 08001 00049 00000 00000 00000 00000

11525/10437/8137 kHz, 15-01/16-01, 1530/1540/1550 UTC
11166 10053 87254 13070 03349
76642 33849 25552 54585 56466 81525 77347 28521 83182 10004
37218 32671 06594 44782 74995 14711 90374 52242 15821 19206
17404 24905 69205 81938 42252 59411 67924 12313 34456 06841
82421 86461 21293 92239 20400 23574 70304 66079 89068 81030
61539 83505 66583 57071 33403 72276 47695 20637 88464 84457
99057 90028 42712 04629 63171 87564 42283 48548 26057 90668
36456 93649 39730 08439 20827 81261 63740 44592 46759 31420
36502 42469 92510 88504 47529 20224 55619 50164 81483 60360
90138 53036 49018 32526 63990 02646 97696 06499 58246 28397
35732 27770 41954 47573 73121 04211 71592 99407 77218 13805
62760 31613 65968 69965 28058 38506 53938 92776 05512 80395
25528 92425 96472 94745 09907 16858 93494 79381 00739 21015
48146 24518 28174 30510 28397 40989 45125 18258 64264 06305
69635 54063 62304 58852 90580 74266 67654 23802 79943 05536
38374 03716 36706 25020 30563 53541 74898 25681 48124 63869
18049 76715 62816 66320 87040 63651 05746 83300 24122 69345
27690 16388 48920 96191 60609 58375 61562 61611 72902 49052
56814 81246 38691 80497 67156 28166 63208 70724 37213 26948
58492 31352 78355 64124 33612 26900 94236 26350 76396 20625
32055 15976 28802 99098 99683 21753 74695 32382 63122 88624
14138 44100 67560 94938 97377 86748 39681 92040 82833 92948
20244 57280 11304 04149 00466 12300 09444 93013 84144 92668
02404 62518 28150 02499 13754 74986 67022 54405 69712 59050
37347 51822 59568 90908 63303 22298 16566 46740 01224 08132
76173 75377 25659 75754 71227 51385 60441 04633 38416 84859
58392 29888 26363 11070 36667 12619 97206 63574 89869 02023
61605 49563 11391 59605 52361 89908 77759 24946 82625 85638
51757 75571 10871 56886 20904 11545 77709 45002 65972 87270
83924 76168 08076 87989 72623 89646 46133 16817 51447 13295
68481 48114 35061 96252 42456 43825 22496 51024 0241 246093
16861 46600 95150 70783 03509 94622 54135 73314 03119 22411
25498 31738 25318 92206 13217 61004 23287 18558 89304 20002
80944 85897 62730 58581 47457 89781 57596 14895 02547 73559
17538 59784 70332 00000

11525/10437/8137 kHz, 22-01, 1530/1540/1550 UTC
11166 10053 54789 22071 00049 00000 00000 00000 00000

11525/10437/8137 kHz, 29-01, 1530/1540/1550 UTC
11166 10053 98653 29001 00049 00000 00000 00000 00000

10651/8189/7457 kHz, 03-01, 1650/1700/1710 UTC
11166 10053 54879 03075 00049 00000 00000 00000 00000

10651/8189/7457 kHz, 10-01, 1650/1700/1710 UTC
11166 10053 85214 10001 00049 00000 00000 00000 00000

10651/8189/7457 kHz, 17-01, 1650/1700/1710 UTC

11166 10053 78923 17001 00049 00000 00000 00000 00000

10651/8189/7457 kHz, 24-01, 1650/1700/1710 UTC

11166 10053 15973 24001 00049 00000 00000 00000 00000

10651/8189/7457 kHz, 31-01, 1650/1700/1710 UTC

11166 10053 98746 31001 00049 00000 00000 00000 00000

Link 30154

8165/6796 kHz, 17-01, 1240/1250 UTC

11166 30154 21376 17096 00049 00000 00000 00000 00000

Link 40122

20154/18304/16156 kHz, 04-01/05-01, 0600/0610/0620 UTC

11166 40122 64379 31036 03439
84437 05354 84109 53863 33011 58209 44307 64424 83584 49427
39732 76013 02822 96886 57508 87897 80285 89579 23531 09219
35017 64292 04614 63467 06596 04643 22440 52015 41611 17178
52784 43934 11473 64201 08410 84266 22517 58030 29102 37938
04327 46367 27271 11504 87220 43468 62554 19920 04830 86802
43858 90509 82717 23890 82284 21336 98967 58993 43370 36151
27686 14373 72080 03115 01346 85770 88993 09471 52922 96822
81116 09370 23744 82087 35764 87019 48015 53370 90945 02361
49921 29041 00688 11443 14281 31022 38742 78703 16668 79144
89106 23319 23939 37554 96795 66832 01115 92851 77314 74239
85542 68666 08250 05710 14284 06333 51430 21151 15661 66377
79095 04787 00898 30491 02505 01940 16804 08675 26416 85216
45426 81246 77896 92265 61607 30410 82875 02312 84399 41049
88888 43647 83257 75452 57461 49260 24958 51657 74548 02803
72176 80083 52480 42079 69660 38163 21854 12232 78945 87645
36797 85832 47534 64262 42055 92051 23491 94442 75325 22090
51383 18776 03292 03084 10508 26887 14775 57635 81340 33432
19464 91191 51144 49897 25639 74430 94675 31879 95345 12863
90929 06547 00440 20824 61848 09966 27954 42049 43953 88966
08218 84015 28811 47263 64165 58248 33296 40486 05276 43763
85566 49836 14582 15845 37708 89037 02173 07346 40969 24272
23651 94690 44539 11801 86960 25774 03786 82944 96031 31944
08920 31107 04683 91250 69992 80548 79210 35156 19189 41579
93111 15884 16335 81865 02370 76605 68573 68537 74743 91643
00131 60788 71503 68883 33122 57644 05040 31577 65326 30599
20788 21733 55877 95803 76916 92268 54797 05487 20195 80130
37314 63309 81493 77547 28908 93323 39359 43625 32011 17243
25080 23454 90312 19689 67700 66924 51587 06125 02418 64443
15012 83141 90784 41726 73877 15808 26176 80856 89658 41743
22943 59811 58363 46630 12694 27621 55108 30831 96143 57373
67851 21812 23968 44219 56227 12046 05100 40607 96408 27103
65898 45894 97948 53597 08645 92546 03533 81683 42781 96113
07572 41795 87347 61148 54589 40309 68048 60281 03323 23819
57377 28626 67489 26713 31260 40695 69153 81741 40622 62039
65619 36341 00000

20154/18304/16156 kHz, 11-01/12-01, 0600/0610/0620 UTC

11166 40122 74521 07037 03029
63693 45780 42318 02036 43319 75924 58484 36957 22650 67583
48741 32698 46993 34182 89647 94303 27774 38879 02166 27334
71585 83561 15323 49947 09331 98307 32319 17186 86404 36036
22514 74651 99841 02019 87729 83774 93382 72941 76306 85838
46381 85200 43351 96978 17503 97130 80612 51304 29138 54845
64425 34375 03484 16371 95157 74176 86216 13778 26600 81821
18705 57987 08729 59129 44691 15929 92296 15297 62387 14769

68664 59839 57913 52856 43330 63981 81024 22111 66592 07701
49062 71518 69769 54597 90061 66418 80430 21785 60955 23300
15062 36992 01824 24750 72620 00052 12099 44285 77395 90976
59697 35718 44627 91807 58991 66777 67318 14409 78561 01639
47674 51420 64682 62078 21606 92530 91460 21927 49741 73278
73574 14507 73376 48554 02545 57749 58804 08003 92480 26674
78461 75498 46238 27919 02328 59904 77923 56007 98017 49273
52678 36044 63005 65701 29696 82521 37401 23016 19390 28929
70754 54474 90663 07847 41278 02678 89215 86220 50960 88877
52817 85496 44994 03861 34497 41307 28960 87605 69580 82396
82194 89900 47505 33468 90795 29098 74365 71652 48687 91206
37116 91267 00197 36502 05373 56577 22562 05844 31746 47211
71828 43886 36650 25965 40557 81372 88524 83636 00783 43697
15397 40611 30676 77929 08733 09866 48318 15474 05515 51089
01057 12570 59473 70603 83855 35806 37418 46771 85087 84847
01608 85583 83214 69548 64086 36104 42773 83656 23934 20470
83115 42278 23366 58130 18352 75309 83612 89004 91909 94006
06529 25264 54166 72883 52853 86403 56581 14142 33076 97312
60776 86795 71836 54009 85985 57698 31791 86750 43329 56647
07899 75184 30339 42759 28047 95242 84174 64305 20963 02464
16967 29185 37357 81420 81732 28239 35213 15954 42290 78575
65185 59898 45612 79107 17028 12975 20070 95481 12996 31555
47976 16594 59159 28968 85900 49866 90560 45053 31160 47491
37300 00000

11166 40122 01478 07038 02319
71161 89636 57950 80812 34511 89613 71538 05041 76072 94346
53955 81489 33149 19037 99641 49515 13343 30779 64458 65357
57492 06980 76525 50055 48013 20823 82305 13635 98589 33477
26385 47756 86148 97725 88383 04004 11065 02714 25425 00005
96512 14492 93616 20575 62930 92051 46973 06063 38503 83533
37207 45096 91636 32300 62851 13904 96325 47563 41124 29414
66379 19241 00991 08301 19428 81749 20852 49185 56653 56401
59299 80160 69178 27109 52376 38838 07056 29076 75778 77107
71793 55159 95431 07781 18345 09603 54891 35326 77520 63814
72989 37866 34739 93886 50179 92638 26066 04537 07002 62097
37476 69169 03129 82847 18275 40730 10396 24597 44616 13056
38290 11319 94060 37394 35311 21808 17098 23788 14644 11818
16586 82017 77595 24964 71038 81766 33215 84594 62690 36730
37546 83792 96294 42324 00945 15721 19572 21701 36903 11482
81262 59752 50807 77678 87714 29785 92087 50887 43937 42568
18172 11190 90072 72421 43700 21995 69210 40046 73426 88306
87492 56784 42256 50635 52431 59985 10841 56747 00401 94179
90184 78434 49210 17735 93686 65481 36728 39694 40065 54037
31469 16468 55599 71564 26092 63091 49122 05559 49751 58704
58203 28226 60225 50966 89967 94301 01775 89083 04973 54205
39655 40136 17594 49712 07234 68390 11350 84333 26635 82293
92610 85592 88859 78825 31114 01378 04321 39904 60745 97566
59718 60530 38999 49116 42205 13355 88579 41783 16771 38229
00000

20154/18304/16156 kHz, 18-01, 0600/0610/0620 UTC

11166 40122 12547 18069 00049 00000 00000 00000 00000

20154/18304/16156 kHz, 25-01/26-01, 0600/0610/0620 UTC

11166 40122 12864 21039 03539
29482 10322 01762 26648 71852 38496 83517 36218 05594 46314
66508 12392 01046 38970 19175 84645 16994 42395 06195 26550
47143 29392 87947 96802 44042 32985 55998 60438 43877 64164
90568 19904 40591 76211 50906 10679 82749 42792 34514 41138
91603 42005 66148 81342 23776 63586 02560 30438 27018 81428
63873 17356 62472 58632 27585 14506 91868 77262 46079 69140
53105 09995 73627 82085 72648 75847 13794 88517 88177 47181

23189 20486 79930 00162 32506 55854 34172 25855 70787 83358
87233 44165 03842 38463 23547 87789 22765 89711 26137 48379
43496 80247 02974 02089 03340 54195 37653 56724 65411 22604
37831 87639 66913 48616 79839 54608 72209 56569 72947 16828
16621 94712 91668 88260 51870 06217 49593 00496 29141 88181
13144 65315 80658 43308 78722 54156 85749 53948 61668 36653
32309 33190 70466 45453 09620 32692 64659 59483 93450 11941
19872 22870 09382 98618 48418 41679 85289 94774 48899 25691
28927 08485 83247 67366 91540 15684 04658 75217 03460 81867
84816 03758 92599 98337 13905 47221 21804 12694 71778 89237
05982 58238 93783 25658 94958 12010 79637 02702 32995 36108
18816 37633 30900 82006 30871 14140 11675 62546 44144 69606
15639 21290 61286 16472 75958 53926 85027 64854 00525 61410
02650 38634 21119 39539 52578 02183 95797 34628 21546 39919
75442 19998 45756 55889 70398 72943 14496 85553 78159 56883
99612 36968 58017 38367 59327 03543 63623 93641 89780 15577
69401 84445 22790 22749 51740 07736 93217 24747 10913 49030
24422 92234 44650 94039 05198 45339 09325 78305 56669 81841
29654 79491 12555 72261 42886 82060 61250 64031 88394 68987
23171 61927 78618 20214 61775 76970 12288 22534 51725 60963
15875 20584 52611 68864 24201 63642 61679 16176 36144 27913
44001 23546 06381 18983 63523 65758 59101 84145 63431 67309
34635 89276 69267 11753 04921 39945 13246 56998 18765 51449
03185 73760 62822 97470 84517 49337 49238 92025 68799 23905
65881 84402 27162 51525 50123 71780 72136 03041 72080 59209
76305 53063 38271 21637 01204 18215 51616 47678 34905 38846
88736 69812 61745 21378 80453 10686 12610 83495 06468 00222
69224 69344 40128 43218 20885 26948 04231 42120 97071 65006
23804 39351 00000

Link 40023

23877/19935/17523 kHz, 11-01, 1015/1025/1035 UTC

11166 40023 15963 11002 00049 00000 00000 00000 00000

23877/19935/17523 kHz, 25-01, 1015/1025/1035 UTC

11166 40023 85214 25001 00049 00000 00000 00000 00000

Link 30154

8165/6796 kHz, 03-01, 1240/1250 UTC

11166 30154 14785 03023 00049 00000 00000 00000 00000

11585/8165/6796 kHz, 24-01, 1230/1240/1250 UTC

11166 30154 14783 24045 00049 00000 00000 00000 00000

11585/8165/6796 kHz, 31-01, 1230/1240/1250 UTC

11166 30154 65238 31059 00049 00000 00000 00000 00000

Link 60070

10166/9064/8015 kHz, 03-01, 0030/0040/0050 UTC

11166 60070 85267 03001 00049 00000 00000 00000 00000

10166/9064/8015 kHz, 10-01, 0030/0040/0050 UTC

11166 60070 48576 10001 00049 00000 00000 00000 00000

10166/9064/8015 kHz, 24-01, 0030/0040/0050 UTC

11166 60070 86931 24001 00049 00000 00000 00000 00000

10177/9331/7959 kHz, 31-01, 0030/0040/0050 UTC

11166 60070 78956 31001 00049 00000 00000 00000 00000

Link 70059

6925/5235/4528 kHz, 02-01, 0500/0510/0520 UTC

11166 70059 35481 02001 00049 00000 00000 00000 00000

6925/5235/4528 kHz, 16-01, 0500/0510/0520 UTC

11166 70059 36920 16001 00049 00000 00000 00000 00000

Link 70202

10294/8068/6769 kHz, 02-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 02-01, 1200/1210/1220 UTC

11166 70202 43168 30088 02179

10588 93502 23621 79204 43423 27815 50064 06826 63539 63348

26996 10385 88629 89222 78320 75877 56062 04272 33135 98478

65137 97061 69601 20632 61236 35390 06171 06934 04052 76189

94868 29296 87086 31783 96306 60776 00617 53421 41130 01556

55289 18046 07580 85475 08558 29211 69839 40572 61137 68100

96892 02067 15662 55583 06540 01221 14746 11241 04285 78514

00616 20307 61769 94581 63520 44448 14452 37328 71092 37334

83204 48688 95860 50935 49526 19435 83086 43470 39059 25513

26127 24960 93092 04292 41499 01311 32737 94213 60845 02874

45469 86252 81975 08416 48723 60623 46176 00431 10224 07190

33989 12745 29740 52993 96618 56338 11955 45357 65181 34332

85138 63986 04974 82065 45307 60511 06943 93217 30553 48916

33556 17895 55250 95272 61251 43629 58795 80241 86653 95227

48601 32749 88757 14407 42005 58309 64240 05143 36797 10398

78122 55690 65047 78344 96934 73193 09919 90148 96600 91838

90161 53693 62211 40469 41965 84763 21879 80620 52861 95317

81864 50897 27373 40459 55160 78636 89078 47531 00716 44796

48796 75775 15500 13001 93567 79999 46576 58684 76126 76686

15392 59271 09549 35976 71457 31329 96762 47972 17607 25630

49610 36797 74032 16059 77142 20837 73272 43311 47853 42622

03347 99310 55509 16770 41217 63283 43295 69429 43779 25438

65937 67671 88548 59174 94512 88215 00000

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

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

11166 70202 86431 30089 02039

88816 67080 85846 97794 77530 48295 48004 28358 26002 52806

00775 40441 13414 54050 73907 70657 37170 85698 44042 18592

52096 81426 52283 28406 47241 02664 61709 70158 21212 59021

78266 38014 41982 51088 83480 07542 02112 90266 52416 19273

05311 75361 55331 80724 45292 30579 66461 04065 62847 34652

28367 21605 92076 95755 45289 46323 31725 51924 03944 69581

02546 01626 45192 13247 76641 94219 35035 78389 89714 34946

08354 57755 72163 84173 83849 04189 59964 55552 73599 72205

71280 42795 35697 74896 59721 29755 43379 23349 80211 63485

69106 40777 28386 94987 07017 68544 39461 17312 82194 06273

57515 55710 20199 53216 11119 89533 75279 43095 56247 10550

40719 89571 72418 47374 89749 84558 22987 10705 20466 16552

15541 39044 03183 01164 23331 49593 53671 41053 53670 24015

80710 57439 74250 83745 81396 60381 33297 34543 82637 50021

34519 84962 52280 65964 52772 68443 28307 26995 01392 23702

39526 28313 87114 13109 16218 88475 13539 83739 14146 63233

19063 00792 00395 68448 60221 08057 74454 79285 76381 95119

23001 97853 96719 75995 31807 06498 75416 08872 03211 48921

66018 11655 52598 06324 70896 53003 82320 60755 26734 23538

56496 62853 11993 16917 25121 46174 87289 75455 70940 55279

04618 89201 00000

11166 70202 14735 30090 01859
77881 59372 90435 77886 71236 20655 16947 48714 05707 39493
67689 05805 11064 80928 23811 09549 37574 12875 82760 11632
40809 73906 16006 37329 61863 18105 11990 94066 38921 16635
02787 98442 11106 20756 97885 38896 00555 15937 73540 16195
83654 21782 91118 28961 87371 17436 42904 96389 71620 97168
48761 35366 83601 85827 52133 34169 95050 68829 88779 89936
58341 16405 26717 02098 42358 06755 00779 38937 34113 77831
90247 19502 17000 62412 12991 78023 61667 86165 34535 03050
90408 33393 15521 68462 01038 10131 45976 98590 61169 59310
39837 34584 08847 07644 88169 94242 20456 48950 94512 42500
31860 93582 40788 14726 23701 38666 57219 60060 06789 38815
94688 96947 68534 82031 22969 98066 66349 00468 03284 46842
78957 70735 08606 32730 51561 83455 90159 77453 95775 86732
13548 09386 30308 33246 12942 28271 73276 85638 36781 27452
22140 59892 83409 65817 82158 11384 50097 06639 29327 93300
43869 65484 18716 42107 27594 34414 74165 69754 99765 74617
20260 67307 31408 94710 42530 49690 08552 56853 86807 96237
53713 77889 33684 66720 24809 17702 09004 97560 14960 71948
16327 07903 01606 90183 00000

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

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

11166 70202 28156 30091 02799
70468 46603 30568 85922 60680 51070 44458 35702 23998 03727
07917 52978 05920 69055 03288 24166 86922 66506 88152 13798
47862 66243 17803 95679 19451 05304 69776 94282 83008 60095
50119 34839 14677 36193 86084 25564 90263 61341 34939 20437
92928 92636 63569 35998 90892 73784 78579 20576 77343 03415
11564 99404 89742 00353 89241 44042 50711 76808 43144 39561
97691 55409 38538 47916 93555 91022 27277 90945 35367 83300
54263 01444 03472 90874 72215 15726 18106 83165 44418 06151
95713 90714 40151 77005 22162 39991 52482 72215 85028 83612
93108 68311 32170 61911 43940 51078 48741 56785 70099 99341
69857 23769 24051 24315 71093 13274 95514 37953 04001 16914
86876 48749 68827 99876 18776 08405 41641 05263 95549 57824
98023 41330 85234 45852 00545 87599 93800 19217 42185 80731
38319 07087 62909 66134 48732 48706 81571 26228 52935 37529
10333 21306 24838 80291 43792 03937 00111 94470 40015 92834
89280 92554 35633 17135 42896 26567 62226 67030 48413 91283
56149 11680 63516 09580 79015 70345 15552 48337 90998 47693
21761 38367 44170 69180 10001 96761 88026 77492 44641 75130
04428 75937 87326 82155 14104 29766 47284 53899 21939 61324
00879 70294 93211 00007 85081 41279 77975 72913 94564 10988
25778 47189 37087 53445 57892 59940 26873 58206 89262 96701
20667 29376 17339 04364 26149 46441 19996 49522 37400 60356
29720 58166 77113 23326 76258 97653 50220 75710 14906 86911
38639 38501 82625 45797 91820 84799 49194 19550 92776 88734
55546 39287 04299 75263 56519 04468 25022 19284 10181 98267
10057 67509 80917 71799 35845 81518 48491 58124 13950 25457
40233 01977 83458 46784 28570 16161 36682 23533 61079 00535
57846 76518 15232 84534 79458 69907 95052 91277 00000

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

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

11166 70202 39156 30092 01819
78544 86770 03079 45471 11632 8805 89648 48590 87373 462510
10224 70886 24468 67562 03223 2880 44964 42638 13690 669680
88897 59772 03459 70241 79820 0060 16668 92197 41704 382920
76434 46875 49680 22998 42421 1055 36561 23442 07855 187381
36003 44468 53534 57395 18520 0395 10879 33960 84267 607684
29606 91443 25748 67795 80404 2897 29268 30705 84016 347627
98466 64423 98829 48108 76348 2995 30073 29713 56040 251331

45882 77768 55828 79144 85145 0894 65545 24312 57017 838969
25854 76529 44100 42588 11555 3085 88381 97638 93072 248087
29958 72177 60802 82615 65317 7302 23754 09009 32780 341683
15813 25350 68775 96069 65715 1657 79274 05145 20234 407971
39322 74090 72699 88032 93462 7598 14816 24567 63478 305403
95975 21383 62040 12947 28160 4554 15361 89773 05131 081190
49989 63469 65719 13351 69095 3910 08723 65211 29056 643643
90334 41691 69726 99990 95797 9261 96732 82730 75147 679280
05941 66732 79545 69950 88936 2007 08870 88155 74301 806155
74775 76327 70209 64582 58057 4251 82026 86148 53102 126415
19430 77059 14627 07797 16459 7949 74679 83603 13189 892179
00000

11166 70202 61284 30093 02299
24458 80212 11275 49551 88285 0646 08344 64194 04216 006874
97651 58299 73991 32890 45512 0399 32179 40560 56266 482943
08980 36008 48665 90972 79759 4570 88935 92132 99556 592824
05106 99619 78459 32750 73337 9032 51243 96846 59886 442082
38603 70081 30373 63916 05092 6832 24654 84963 25776 051609
60275 92527 82499 21451 14329 5762 53516 88582 26701 503620
20049 95217 91188 71710 02785 5106 53508 48352 26871 941198
18408 15293 62592 82058 62115 4051 87051 27232 87531 558242
30157 87676 47750 49180 80130 7130 12127 02685 68442 599968
38754 75957 92907 30216 93910 9507 02378 75443 03038 886012
78988 21472 63647 56920 28375 0153 32401 93130 52375 799925
44398 80248 28620 49488 40993 1992 97451 83628 16058 941671
80059 38280 92748 66698 93428 8174 27039 14278 44438 644935
07188 24982 16671 63914 45213 0762 77675 72004 41128 799791
19890 13942 05445 61392 19349 5553 66997 34211 78986 824920
12451 90387 01159 83704 81231 2451 20245 84153 51680 883245
44060 07479 27481 97927 06756 8096 26280 15338 67511 161946
83184 29803 15542 85021 49166 4272 44510 40712 87872 023398
01951 03566 46080 06636 53375 5200 12050 01838 00240 409140
68402 80164 78852 09773 67331 7265 92579 34286 90516 925485
17369 84404 63038 25477 68902 9161 60533 66061 02521 088381
25330 41738 38095 96375 19766 6935 96892 39174 09091 237598
77241 91918 99478 92561 81368 02344 16862 93227 00000

10294/8068/6769 kHz, 06-01, 0700/0710/0720 UTC

11166 70202 75321 06075 00049 00000 00000 00000 00000

10294/8068/6769 kHz, 09-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 09-01, 1200/1210/1220 UTC

11166 70202 26195 30094 02939
80277 81586 96085 46060 96940 49362 91541 77624 83105 06579
32927 77774 33472 23977 35159 02128 06281 68522 86835 37604
30732 34226 73135 60644 16835 85186 59737 00608 91154 28018
23733 38035 06853 55863 42431 92457 01506 31175 76020 79447
01092 99455 05017 41593 93624 51140 08428 83086 20847 73813
93581 62615 61420 61942 13552 24237 04072 76319 33120 70937
34107 70401 29208 10541 81744 25724 36722 28684 05703 63594
75741 68516 10481 25232 20998 21836 20767 37562 99573 61333
61408 06838 27759 68634 16395 07277 23013 37838 65275 56913
51949 59224 20459 97843 00308 12825 13827 23043 75822 26553
06104 16969 79949 78558 17416 02108 09372 48522 02483 08671
73230 47551 18871 09623 37013 81384 61754 88233 29045 26582
63616 30325 70510 24391 82325 58427 14948 21974 26037 50005
08157 15691 88339 06963 04454 76115 92096 68597 00207 59479
65419 85204 70598 35232 98203 94511 20550 84396 52665 68131
85738 48415 26329 20224 44650 33174 90886 95548 27609 97888
55374 79107 33714 83537 27105 94547 91624 60539 68789 83524
25129 00351 75289 83215 09438 00684 18436 44156 29139 19016
33351 55600 73744 94096 44709 70590 31778 60122 56383 47916

69333 83281 52901 53161 04043 75344 86158 86010 10394 63995
45822 26030 17330 24590 36865 14070 84073 03024 12663 11523
65112 84400 37101 04583 00278 87197 74116 45721 90866 87595
28121 49552 47726 03676 83742 85287 22257 94174 18319 32952
56259 51463 85584 95561 11565 93465 93980 84444 65391 84182
28039 19892 82362 37520 86267 14336 99114 84103 33972 30221
82450 05767 94464 29788 46955 67411 27084 58922 43032 00906
65469 32282 51278 20732 14529 11885 44147 76055 29535 96328
00840 68905 25784 62854 86346 93158 92262 29425 30595 74010
07760 29011 68626 12624 82844 13271 27750 65636 76175 27812
72605 94291 00000

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

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

11166 70202 85169 09095 01839
39008 57490 33262 77299 90192 77288 46463 88480 42588 74745
76280 75917 99932 04364 49307 17957 55891 19117 28618 96063
23227 85035 30488 97153 39237 77158 47848 49628 39649 17750
85167 16529 18160 42754 34446 94261 13810 07404 47014 90326
93371 66923 80811 78486 20949 93276 27852 54817 31972 13875
51543 43071 53767 83208 88561 22795 39908 23312 94962 78641
10513 94028 41222 94309 15690 78986 85884 39550 64318 98239
82516 23671 85344 83505 99644 13994 13788 76939 58375 42681
18635 39382 17370 50382 14829 79009 59877 40134 26513 36344
62501 39952 93742 86537 50397 97550 39836 44887 68572 55634
41558 86502 24004 81178 69325 16080 78227 47174 89616 48701
95111 90227 46777 87616 73495 92496 66410 09928 19373 61366
47526 96124 37318 05325 35666 64404 45832 29463 94151 95716
46315 99043 15683 60463 00322 44576 41443 82798 94818 06823
79918 03471 00111 45198 42608 27122 50135 57976 38820 65012
99801 87750 96734 09086 39077 10589 02920 98319 68484 32318
77501 63299 65732 40374 27160 59951 98127 84650 43141 28377
60490 85798 36487 37720 43232 94397 27647 03003 60311 49446
32683 95181 00000

11166 70202 21764 09096 02319
46155 90112 13062 45990 38392 48414 09587 50872 59917 70809
41407 39174 97342 87015 15387 11604 61110 58784 63009 14226
99789 95151 35392 07286 12915 60368 61674 50915 48294 04193
19232 49929 94727 69229 89133 24891 06072 55013 95300 01628
17594 43516 50787 36398 40542 15765 59627 18887 45883 14262
47695 20227 73132 30897 20990 78215 25222 25030 74820 36936
35339 01436 02284 82958 16674 02811 75520 45306 31023 96501
98139 51384 37166 60175 52290 56051 04973 96086 88788 86020
06172 28667 33753 66782 17706 65076 10182 24239 98637 23456
97904 78218 26519 58523 80356 70093 04169 39234 51603 91644
72802 58171 82054 07404 92449 77365 66313 87624 75586 40227
01586 94093 84931 04281 70097 85960 31347 74386 23950 37774
32760 41133 95857 86908 20067 54105 84199 52581 00950 84688
85827 93632 17532 58123 75061 97262 58824 59479 52318 15920
13892 43240 10802 94511 76684 01201 94703 55142 38460 68335
47340 31553 28746 71359 72669 70463 90773 49642 58624 41983
02319 03175 35701 26305 77894 47274 69239 68848 13229 78720
08827 21052 57963 82995 43279 08990 27509 37332 34611 97018
90007 89245 29464 38621 89320 15247 71396 31655 89994 89411
62505 20171 55136 16507 47793 10012 93134 09353 20726 90362
34169 15108 73425 78448 22438 20175 39923 29558 35051 88396
05921 79595 63518 12251 83489 12335 18767 81716 74153 68566
45647 00499 68780 39329 57829 04312 57735 10414 29062 96229
00000

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

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

11166 70202 67349 10097 02199
97621 70732 79473 29002 80073 49298 73268 49964 80680 10508
66205 29056 48077 06701 40748 57474 07661 86892 27220 87987
04008 52664 01947 19378 91841 56706 98766 47775 61462 73737
82372 27080 09592 98477 56892 05650 91564 50345 08174 31444
15804 89595 03189 42812 66520 74562 95008 87119 65572 14706
06783 34387 09419 99142 93157 78136 42119 05360 02578 40637
50288 17785 88896 24732 90980 10912 45748 79426 88403 76662
62108 71445 60431 00671 22481 79926 60835 17192 00155 56449
48169 97294 16965 17581 17261 50059 67990 62134 54237 41440
34638 30314 01016 60494 34532 46948 40212 87663 81673 15993
36397 44791 55274 58482 94628 31566 00729 11139 22220 78081
11156 27803 04659 68193 62932 50887 31624 13363 03680 45041
34044 81684 16127 10200 18123 11766 06280 16228 07277 66170
89363 26322 27916 04084 71935 01380 00023 77920 53643 02501
18436 83538 97040 33835 35809 18746 38909 92936 83158 29811
41521 20838 88948 50639 07286 69003 82653 64312 05202 25379
93721 41683 82575 66702 81894 36706 60421 29276 59805 43191
35998 15377 93806 42680 40904 77511 93952 98110 28185 47672
29079 72976 86874 03821 27923 80666 07419 90746 52212 93658
46421 37525 52662 67267 64128 38732 43827 57635 33121 91620
58730 38644 41628 06446 69219 47439 39902 32111 82983 13258
03111 64349 53163 49243 09160 28595 61502 97217 00000

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

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

11166 70202 62841 11098 01599
11247 75218 45529 86468 48767 26609 64301 03791 24465 09419
94377 06480 60292 04670 72190 08317 58237 62703 26475 13103
12962 10133 31773 75955 87044 69783 26892 89314 09750 98305
21728 10842 85276 71159 40914 75399 21412 69640 77722 58303
14536 49650 56652 82032 51910 96888 28154 83574 17192 98162
43913 84617 10100 83493 86143 31749 16189 18715 49318 98871
87651 53243 97777 69001 21097 52713 47665 37661 43235 71165
46599 05037 40417 42472 49552 49089 92948 95681 14351 96813
00138 23989 65241 35830 06997 61996 97966 33494 68540 50967
24775 55713 12624 96754 82814 02661 87249 50092 54343 03566
03289 63936 72189 37778 08542 07549 08906 74290 54097 42002
73053 46899 38899 86801 61051 07207 43484 32300 38029 22631
88813 77613 46121 11635 81138 98702 63642 33342 28841 76321
63574 73734 42184 38515 44812 95625 51907 97358 34602 44584
07612 84619 85597 28009 41862 16031 15999 09526 10957 38873
66183 85916 48285 42536 70279 38743 91230 98157 00000

11166 70202 91735 11099 01739
88920 37222 00237 16037 89610 10050 98657 16555 19313 19431
76372 91495 87474 35623 74782 73429 59747 75922 00561 71671
37472 95844 50302 39297 11487 51887 93090 29700 63674 03060
46903 22391 14718 43376 09808 22729 41475 82485 31881 65252
12418 16638 38787 75322 14586 57171 42951 68750 70469 08703
03270 94103 68278 14214 19297 47365 54028 09220 70834 13658
58874 52211 38877 15698 60142 23543 68835 73677 99487 09980
61984 06258 06617 17065 06076 27365 02018 76513 81043 18475
77130 40807 00742 81073 75393 82191 76667 98979 22609 38249
14579 65215 80062 71244 79968 53123 18834 33423 93323 36401
38734 55461 41104 87753 80313 00243 13383 10844 03371 49153
04086 85236 30403 13092 34762 29007 78434 85361 87834 08730
27665 78659 60249 51499 00372 13321 73484 38707 48494 49029
00838 86227 73362 77169 97937 40732 25978 16011 47413 46793
61309 75910 53667 64480 45019 86725 48678 42138 36079 04621
94775 74013 93696 40449 95332 97448 81995 76915 49295 09303
70889 66688 10507 06301 56583 28657 37747 79000 50141 84523
46437 99171 00000

10294/8068/6769 kHz, 13-01, 0700/0710/0720 UTC
11100 70202 13456 13055 00049 00000 00000 00000 00000

10294/8068/6769 kHz, 16-01, 0700/0710/0720 UTC
10158/8023/6796 kHz, 16-01, 1200/1210/1220 UTC
11166 70202 58467 13001 02539

47727 58828 74885 16174 43741 92915 48896 71570 84839 05986
87210 03258 20326 50984 61665 80944 26355 21747 81747 28604
80486 69522 95955 25031 33211 04355 17476 25978 87386 36021
47615 75061 21527 34208 95421 95629 17866 12609 16941 80765
81157 66640 22527 23632 59122 19455 25672 55329 00502 55943
31764 82463 11641 49414 90231 41609 97550 10635 58504 12850
98372 13925 51219 59593 57198 79987 73133 86841 80168 20163
59151 35107 74794 71802 69923 52157 77451 79433 16454 09782
05948 01427 12144 57766 98153 46822 75709 32260 22582 72034
33432 60724 71892 92095 94141 30657 75239 86145 95410 14262
90400 01845 44362 66274 61637 88399 01555 37115 54206 12890
81362 68559 01473 39582 67306 64119 25561 76922 65755 51315
17473 21892 46446 78037 87621 56408 43265 10165 22707 75472
13707 22652 09881 51734 80474 01256 14135 66178 03640 97094
19844 59606 56811 01229 72413 84605 05739 31441 80958 62698
12798 48423 67953 76355 15798 43536 76797 50552 54533 65340
73221 03570 43535 77087 01486 71722 14446 62353 81296 37694
76459 21002 56382 17178 68276 22670 30673 83506 99984 09964
53006 34950 08329 68540 36316 34390 73796 06280 22220 76029
72954 08721 26967 58855 64475 62958 29658 71514 32300 67183
88697 18315 34357 68050 97404 41014 30296 93076 14715 16107
86653 70232 31927 32288 82902 51938 61415 77767 66819 85641
58252 92152 32598 98154 10688 62555 20167 85964 60399 68628
59123 28671 38474 06222 05739 67771 28054 44332 46472 17954
89566 95041 66417 03104 09505 01135 06137 34201 58668 71077
55301 01251 00000

10294/8068/6769 kHz, 17-01, 0700/0710/0720 UTC
10158/8023/6796 kHz, 17-01, 1200/1210/1220 UTC
11166 70202 54731 16002 01959

29807 68153 74571 97010 70531 17754 41813 76185 15137 53856
34860 39953 05821 62519 34383 18490 02635 64782 24450 01549
76376 99855 02263 55874 39462 98261 37597 91169 19486 68352
99145 60529 05133 44644 89928 06280 19148 71402 58986 87173
98041 19923 81522 47864 83220 62940 24699 16606 53233 54599
41251 42110 51817 89436 58131 05509 91429 38798 52359 68336
36959 88139 31263 42504 99298 23638 59305 93170 93469 41566
98676 10462 40982 78847 55848 10983 21124 88247 51264 55045
00865 06630 54376 90561 98050 89716 51185 59526 57602 11785
36500 28047 45376 53753 48085 25834 89392 28072 84888 06108
23123 13878 76548 61857 10499 00831 96347 59372 57362 65088
34817 75008 39022 25843 76165 46108 98609 55858 44743 72018
95926 44456 13691 26149 11471 36374 93006 64996 35315 94946
39174 45080 95547 63031 53574 83732 05946 20138 61849 24664
37577 59174 91409 94256 44012 31269 89274 59518 94837 32089
47434 23635 97162 28107 27913 20052 09794 46244 04738 91034
79777 75322 64973 61637 55994 52786 36042 45020 59487 35098
31491 40046 15222 75278 32408 07112 74952 56001 46669 33126
85893 51696 13202 21592 84880 18098 43461 68728 22704 32666
17298 11554 48304 02193 00000

11166 70202 23591 16003 02039
65977 19916 88372 93148 97877 92678 82066 28883 02230 89632
76695 20768 02514 31185 64312 54132 25737 29203 63414 92250
17151 29347 74340 72038 12481 40989 72642 89691 59875 15679
45143 99706 08735 60073 98349 75708 07639 94283 93922 06544
78528 91564 90881 26058 59352 60289 99238 00002 32357 54151

74738 18507 80211 21522 09409 67565 37144 29907 97591 77947
27293 26441 82156 74999 07449 20346 10566 77762 56382 98314
55508 20838 77932 08726 79752 97446 10064 75654 49943 47124
57062 28603 28993 36469 87057 58890 01793 06409 62078 38639
13895 84395 92801 63301 27885 84988 35204 03653 27108 47250
71291 78197 21448 82396 41102 81925 34849 30137 18162 32347
79255 47148 45590 18759 44673 76106 75029 65659 60024 68731
75602 46274 04498 61269 05071 07108 74066 25850 60394 89471
32876 46169 49864 58919 04183 90914 54012 78533 80522 83394
67472 86995 57817 90783 38995 67377 23083 81448 51781 17597
50449 23760 11345 58463 85159 24866 33082 40270 20248 32828
46730 33847 95583 50582 59911 17031 73963 35150 47949 92483
73940 80545 62133 97789 64083 07805 73641 93784 48343 10589
95279 42035 97226 29783 48251 07423 04453 55544 66130 46760
73790 80226 53231 69382 65754 50614 39555 80644 58853 92922
99511 03201 00000

10294/8068/6769 kHz, 18-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 18-01, 1200/1210/1220 UTC

11166 70202 15963 17004 02079
12763 14746 23492 80947 59642 49071 95453 45858 26773 83067
84409 21726 42705 51460 98818 00044 85870 26255 73004 98887
53955 07384 39120 16504 00565 49772 81246 95534 25116 56524
20051 40076 26876 92902 01457 52760 59112 00804 87744 84036
44269 18400 74544 10858 36120 34655 82136 86935 39831 33383
94503 31781 25870 06546 44585 50684 98702 41484 69150 02856
06208 11751 81739 59889 00758 26252 37117 21744 87893 16375
85654 82440 23533 65793 41098 62647 45658 12631 10157 51347
51405 78679 57335 23777 55508 05357 03467 27822 91023 01087
81366 56057 38281 29794 97060 45617 92990 95199 70012 73090
09450 00607 50792 36613 79786 88858 39624 42367 35175 92161
54254 37650 79956 46459 20569 57725 94613 50043 84403 78618
68531 71095 67980 93065 48471 33834 19420 51791 13717 37967
28743 37306 13808 91133 08829 62412 29815 59019 64739 10599
45088 62835 99866 60530 36409 78847 32338 61788 21496 19647
20099 54087 23792 01842 18141 47121 40478 29866 16286 03251
24644 50586 30973 90208 17557 58402 49499 96005 91965 55511
50122 23240 92378 97051 46493 04984 83253 75784 29836 09439
41025 26020 07319 25552 50934 51466 60058 46775 94562 06695
69188 95151 39041 86903 83428 52929 63849 05671 26599 93877
86146 65382 68516 31499 70588 04205 00000

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

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

11166 70202 75423 18005 01819
38998 99664 43083 85243 69554 24488 20283 01002 18928 33144
16946 73394 37109 59353 95494 58645 00805 39551 77643 37960
54202 60472 01034 94448 62333 69709 90813 64751 37970 53954
69584 82567 28000 14607 54182 56259 70202 95426 12693 47725
56380 41926 80176 44740 62772 97191 56508 43923 33692 63812
34795 86554 29319 86617 33783 14402 73600 35897 32725 37753
63174 95794 32107 32853 23275 87574 88706 10909 21543 82427
98399 25879 75688 83522 25155 13206 15933 81984 99660 76704
88177 16478 36021 65775 08834 91099 39951 10139 07246 31256
06916 04281 16650 82216 33644 58784 99614 80030 91470 60753
18877 49491 34913 10498 89535 08850 43959 26680 73529 85937
23473 37104 02336 75416 08165 97337 38828 91824 46576 04354
14232 98107 62494 97377 01120 14330 17253 63133 08376 36248
21346 87665 09067 18433 68800 21933 37167 01635 92730 53364
14068 89066 65531 00550 90803 01310 92132 73270 16945 64513
69759 65049 72086 11586 12633 70401 20868 01058 65047 43984
77474 83315 51272 43830 90537 68878 35695 25846 84391 78417
91669 81770 17613 79201 02483 37779 44778 37651 42891 05179
00000

11166 70202 23894 18006 02299
21078 94351 82451 09280 88368 00073 22536 92778 49656 67567
75761 89910 51583 64699 29664 54453 18485 65362 89826 69857
20325 57925 65830 97776 09091 95949 68637 83721 40833 77149
49088 68289 25539 61492 32192 77386 72021 64408 26916 89904
20021 86034 16142 06265 76694 62425 56491 66281 99691 49682
42695 89787 94001 76919 16212 38437 14752 29030 22759 22149
93154 45159 48471 98613 27788 43846 89345 39297 08387 10765
33684 60399 64356 09995 62212 42177 55162 04767 95554 85093
44818 98621 43766 76220 27635 32910 37603 64324 97427 01582
46211 67091 77367 69203 10940 58912 52667 03120 49945 12676
73283 55731 13288 93995 18830 57795 93206 31326 42882 08704
19254 10389 38863 74670 92979 66351 94700 30765 41858 72203
28446 07734 97135 46758 22023 29543 25299 30718 95329 52581
67835 04249 87840 42459 68985 44490 39926 49346 96174 46455
91063 67778 82802 55728 37136 91878 48087 86437 13985 01920
73641 22903 99442 43177 41487 28424 50986 83003 63168 09623
21243 57063 54674 09804 18501 40663 36849 29743 04437 06119
65976 99366 46228 52096 24225 48737 65258 15859 24651 51798
49587 04368 10433 41313 22369 05164 53033 18423 83434 62970
78978 05283 66185 32960 79932 14192 77021 46621 85764 31674
09470 51149 05286 40928 50207 08324 64358 31102 19168 63786
96048 66817 10918 22669 62520 16386 29489 92510 13352 62154
33857 79391 09973 41415 36247 48227 70892 06227 00000

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

11166 70202 36952 19068 00049 00000 00000 00000 00000

10294/8068/6769 kHz, 23-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 23-01, 1200/1210/1220 UTC

11166 70202 78941 19007 02559
72331 52718 52053 57446 61499 59824 29769 36137 01508 72615
57359 91784 65811 12242 84996 72310 54241 54008 44932 92646
84894 80557 86199 52041 99397 01962 43802 23725 29997 84888
53303 71631 01892 58043 46771 73845 69261 86057 91003 57493
08431 29037 53975 74731 16586 29927 10449 74545 89509 96906
22682 50033 76745 72985 57167 65864 37650 10000 23351 95600
46756 89183 45250 23576 21893 55515 01935 91003 73494 58020
97776 91013 98540 13212 48435 42308 67563 33878 93496 96107
78152 90368 71710 56098 73410 96609 19762 16040 48780 37996
80522 44752 95693 83374 31701 73138 55467 48297 70850 62961
81899 01724 17654 62029 35986 33379 19439 75508 61210 23935
70847 08031 12833 85213 83605 56287 39622 62599 67329 56805
41468 16847 07297 18578 51309 27461 50143 95257 14811 84862
33389 76571 66242 63495 19763 03681 23977 93090 22246 38139
54059 70252 30769 39158 75277 77570 76521 28860 04178 02438
94778 50207 63455 72759 72217 47293 02165 51751 89627 22683
01180 58997 95984 51499 62350 09973 74796 56923 04787 91210
88680 76818 16703 13296 13094 76148 36276 08883 95170 84887
59936 67917 98584 66107 01546 27257 20388 43920 50884 56869
90766 45980 04894 09801 91632 40223 70114 28107 55007 70524
59750 21918 27129 20978 33797 63846 09216 63471 55677 65906
10832 68255 63819 31146 76779 82178 81607 97170 73476 04297
14156 13749 45736 13526 05336 21686 79890 28034 53487 25160
34211 01063 09266 74700 22540 82860 04059 02993 62092 03411
82396 80707 21342 55659 36809 84543 28961 83907 68567 94648
29714 07075 22729 07253 00000

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

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

11166 70202 98745 23008 01539
50611 95162 47089 34621 47053 84480 79903 83233 79912 33206
22922 81513 18402 16871 76144 16154 04465 62548 36724 56881

81526 36367 55308 31909 40536 17462 24510 64043 69225 88024
47945 09614 15534 94166 63269 67431 01124 57261 17666 49946
45936 40471 19204 33803 89719 00130 12515 31983 21466 76679
52225 54703 52695 04845 72579 51288 95525 47733 76691 50173
31468 84550 93862 39247 81876 06613 78405 53711 15999 01351
48402 63650 57565 28987 87851 78488 75842 21577 60629 10536
72106 59106 09693 64802 97454 02315 39994 47267 62911 86958
08507 08794 27748 09176 69829 66875 76969 56661 50785 72404
23893 65321 52469 13642 98771 06114 03170 74589 09376 31738
10612 89935 84499 37893 86947 63777 36303 18757 44943 44298
02448 21405 88793 71583 53952 28832 48000 40780 79706 26281
27761 47765 83583 30558 74288 09527 55091 87024 78524 76439
99488 63950 66650 78616 38320 98915 50872 73540 16296 76961
38880 08151 00000

11166 70202 32145 23009 01839
57269 25787 07195 71630 22324 51014 58789 85312 11368 09838
73172 19784 02666 91797 64130 49427 70355 53695 21219 24723
55393 18052 20786 21146 78773 82988 94135 73701 82984 73221
01249 39300 12613 86856 83511 54149 70053 17676 93887 78348
07247 57593 27962 44884 39401 08982 04312 55208 91608 61545
67620 88574 14325 13430 12992 17348 28622 41262 54885 45446
87170 48803 89124 12120 61881 48895 21407 28248 94139 58405
60751 37345 68580 10843 01333 18459 96337 16333 41124 73151
18694 23654 10799 63750 67087 63997 11323 95057 40403 81170
83672 56699 85478 77898 59124 68311 91779 32933 63543 94744
36171 68650 74116 23474 38715 73821 51964 21403 15456 11251
99067 13255 39098 64958 12950 48726 43552 06609 37545 50601
33244 85856 33709 61012 83167 74315 17778 28029 40578 17817
41646 99769 64301 76668 12778 18216 62561 58577 77598 29926
15297 73946 16705 55828 91872 68211 25328 87286 00151 10928
77486 00615 27838 46274 97266 07250 62062 34671 85679 81739
98107 40205 76505 34766 73242 43533 19595 23365 86590 84972
15039 15548 90967 67445 46660 51494 67630 73976 88255 68531
19880 09181 00000

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

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

11166 70202 25869 24010 02079
12763 14746 23492 80947 59642 49071 95453 45858 26773 83067
84409 21726 42705 51460 98818 00044 85870 26255 73004 98887
53955 07384 39120 16504 00565 49772 81246 95534 25116 56524
20051 40076 26876 92902 01457 52760 59112 00804 87744 84036
44269 18400 74544 10858 36120 34655 82136 86935 39831 33383
94503 31781 25870 06546 44585 50684 98702 41484 69150 02856
06208 11751 81739 59889 00758 26252 37117 21744 87893 16375
85654 82440 23533 65793 41098 62647 45658 12631 10157 51347
51405 78679 57335 23777 55508 05357 03467 27822 91023 01087
81366 56057 38281 29794 97060 45617 92990 95199 70012 73090
09450 00607 50792 36613 79786 88858 39624 42367 35175 92161
54254 37650 79956 46459 20569 57725 94613 50043 84403 78618
68531 71095 67980 93065 48471 33834 19420 51791 13717 37967
28743 37306 13808 91133 08829 62412 29815 59019 64739 10599
45088 62835 99866 60530 36409 78847 32338 61788 21496 19647
20099 54087 23792 01842 18141 47121 40478 29866 16286 03251
24644 50586 30973 90208 17557 58402 49499 96005 91965 55511
50122 23240 92378 97051 46493 04984 83253 75784 29836 09439
41025 26020 07319 25552 50934 51466 60058 46775 94562 06695
69188 95151 39041 86903 83428 52929 63849 05671 26599 93877
86146 65382 68516 31499 70588 10205 00000

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

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

11166 70202 25871 25011 01599

21033 53389 94934 38037 38156 25483 39265 36315 99297 13047
51882 01030 69188 85018 78918 45042 98151 98067 03989 62766
14968 54669 07312 69540 42495 74947 93689 85239 34479 74480
50258 66812 56991 65241 19972 19437 62935 21882 01743 40963
33056 80524 13177 79364 81891 62273 76850 07845 52103 38606
16054 47322 45617 80860 70945 90957 65033 60983 71062 10424
63708 95740 25102 48599 27980 51563 13935 28374 39955 52239
97780 32260 94297 56612 73472 32488 67462 98494 42763 76275
62807 05974 77604 55967 80015 42297 93329 18721 82285 35529
65692 95425 59695 89169 52686 53561 12210 90905 07085 03656
00747 61708 90647 14052 39749 12438 25920 13659 29698 00166
46567 87382 53005 01382 32184 93915 81724 44290 38513 60579
70508 67371 59011 34909 33268 96405 78701 97653 26953 57133
06245 66900 90903 65755 95175 47994 15198 64446 90234 08949
36456 94080 59733 86026 84502 21350 99896 49189 28368 62461
22109 82099 95021 70609 59016 56352 59316 11157 00000

11166 70202 59847 25012 01639

91397 77683 57140 19701 09503 21536 12096 18153 46200 57606
07207 26775 51039 72376 43605 69859 13619 29546 93285 49831
33338 37508 30223 71603 84939 95830 56518 42038 59542 19168
15744 05437 85853 62068 10685 01004 61242 93082 67671 53223
47358 91635 14664 31079 10000 66088 65310 37065 07900 16423
26141 11915 60124 90001 69097 65988 46778 03824 36577 73264
22692 31728 71190 88864 48791 79975 87411 76042 70823 99638
27304 53598 00136 09259 67527 99624 76201 26181 69792 72551
15554 30031 91961 35404 76850 06747 01988 94225 96730 46624
61865 86597 76158 94793 73789 81191 21947 77585 05715 74298
73146 53206 38491 94265 66974 60169 01773 49782 23996 61917
90876 82945 57222 11078 81799 13061 34823 81775 86549 82085
51142 43458 16014 37688 85698 74659 42520 14826 54869 40139
79302 01813 85923 79845 19043 01776 68123 83124 98684 25484
60550 46627 82702 76440 61362 39339 82018 14209 68161 23181
50747 06900 84170 02615 27965 08751 49886 01685 16678 23743
04918 12161 00000

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

11166 70202 65274 27051 00049 00000 00000 00000 00000

10294/8068/6769 kHz, 30-01, 0700/0710/0720 UTC

10158/8023/6796 kHz, 30-01, 1200/1210/1220 UTC

11166 70202 72341 27013 02199

57185 24038 47394 20315 43943 73946 91884 89274 80168 06650
85444 68125 33896 93639 17147 35320 37789 75269 48899 76048
71099 89268 51736 32480 54600 64187 66830 77529 63205 01232
08384 98111 85947 92906 50616 98791 88009 51915 66011 61788
54492 48756 07026 24266 20606 81435 48443 58846 17984 25762
32556 68276 91783 39632 84370 30200 68287 19764 89018 52962
77673 34310 48560 28387 61650 79780 60373 92462 20647 35731
84311 29878 80232 15628 90815 83343 81468 37356 07175 53630
24874 61784 04115 01279 22688 72838 89908 85893 39123 97512
04195 03982 23294 89265 28689 11261 64507 23224 56975 40379
24608 76649 90571 49978 27057 93092 53452 66047 07438 53672
42206 01496 55079 03929 54040 64887 00472 09675 59792 94273
28181 40292 14154 77058 19928 02903 20292 41838 57542 75859
91044 33153 40456 14992 73892 05083 97442 31041 31886 94630
97280 61721 97714 60827 88028 86852 43113 00497 19604 59994
30777 76618 29343 55023 41003 20228 95249 51087 90203 91786
86593 04375 83516 12961 66567 80140 68684 04752 26681 43426
83379 92911 57577 31900 13190 66575 85968 59272 02422 01062

32367 22709 84931 80766 69307 12691 27161 83088 84743 48750
00568 09337 80310 89519 25639 73539 59132 90540 54671 85104
82874 08263 85509 86265 02719 73669 23435 30250 93952 83969
33373 11103 48857 85794 49635 81119 07583 13217 00000

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

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

11166 70202 57812 30014 01579
43746 41293 30085 36689 94678 93181 72058 41136 99482 78390
45745 56285 51270 29934 28500 05302 22870 71988 16377 19318
99218 50601 21418 42605 96959 00430 49115 38620 88436 33455
85724 45374 72266 60614 50151 53547 57684 82261 90052 05800
54849 08436 26880 40713 88282 94834 79529 29796 75654 05458
21295 80988 39074 37844 49803 07122 41098 71842 74638 82740
62630 27865 52313 37750 64901 45533 23304 61322 02719 18688
30815 14479 81176 47679 25977 74820 73006 94872 89152 61803
38765 54323 22041 16042 17030 71547 90281 31031 76820 74323
21220 60761 49397 00471 86546 51648 81649 33537 24481 72209
78254 82332 81198 38941 24790 65249 76180 61816 08994 85307
21174 57857 82353 06854 47462 06203 29218 69864 21113 43127
35610 02781 50908 20426 74945 19816 18636 75630 52821 13677
86434 87466 78078 79626 60869 15011 52328 31837 18443 43974
95108 97964 22213 88548 46888 02881 84214 22261 17079 77509
53367 36269 69260 53686 33562 14155 00000

11166 70202 23619 30015 01659
11570 16714 99657 26707 79593 37118 39741 00535 31295 86069
24907 69337 94775 23779 29731 48559 35035 89083 92603 26211
47467 10687 90713 31584 70208 12652 86244 59932 76274 18810
67177 70287 31409 85789 31179 98615 28602 19342 85985 53489
35205 53655 64726 86468 13577 98348 79627 54370 01203 82825
62539 15630 61230 52673 65704 27925 39344 97815 21227 39257
87929 17076 82670 89679 43463 48859 97216 65858 68055 22638
81832 75648 91094 10923 01876 34881 11931 86408 75583 83545
49522 13986 52874 73548 50003 32303 41901 95247 88088 04564
81805 34941 23273 43253 85086 80502 96746 38477 98051 17341
79972 44602 52758 81892 10866 04880 08903 64808 78497 18755
09091 81043 42286 81529 95919 49023 96585 51078 64314 46086
16626 21311 47557 32372 46744 07047 60448 60368 16831 70013
48027 12278 97935 40642 13301 32414 32981 15349 22415 46793
03500 34000 10704 87134 18350 67229 38051 61430 35340 68313
67012 38291 51702 69286 62123 37250 24349 25974 33841 42205
05853 41649 75548 15163 00000

Link 80214

12218 kHz, 05-01, 1340 UTC

11166 80214 64951 05046 00049 00000 00000 00000 00000

14471/12218/9933 kHz, 11-01, 1310/1330/1350 UTC

11166 80214 67298 12051 00049 00000 00000 00000 00000

14471/12218/9933 kHz, 19-01, 1310/1330/1350 UTC. Dated from the 18th instead of the 19th

11166 80214 98132 18058 00049 00000 00000 00000 00000

14471/12218/9933 kHz, 26-01, 1310/1330/1350 UTC

11166 80214 75312 26055 00049 00000 00000 00000 00000

12087/9963/7899 kHz, 01-01, 1500/1515/1530 UTC	File 04452 (binary contents)
20977/18625/16159 kHz, 07-01/08-01, 1500/1515/1530 UTC	File 04453 (binary contents)
20977/18625/16159 kHz, 14-01/15-01, 1500/1515/1530 UTC	File 04454 (binary contents)
20977/18625/16159 kHz, 21-01/22-01, 1500/1515/1530 UTC	File 04455 (binary contents)
20977/18625/16159 kHz, 28-01/29-01, 1500/1515/1530 UTC	File 04456 (binary contents)
3627/4473/5239 kHz, 05-01/06-01, 0500/0515/0530 UTC	File 04462 (binary contents)
3627/4473/5239 kHz, 12-01/13-01, 0500/0515/0530 UTC	File 44463 (binary contents)
3627/4473/5239 kHz, 19-01/20-01, 0500/0515/0530 UTC	File 04464 (binary contents)
3627/4473/5239 kHz, 26-01/27-01, 0500/0515/0530 UTC	File 44465 (binary contents)
6815/5794/4816 kHz, 27-01, 2000/2015/2030 UTC	File 04414 (3037 bytes), binary contents
9481/7337/5089 kHz, 31-01, 0500/0510/0520 UTC	File 44465 (1828 bytes), CRLFCRLFCRLF then binary contents

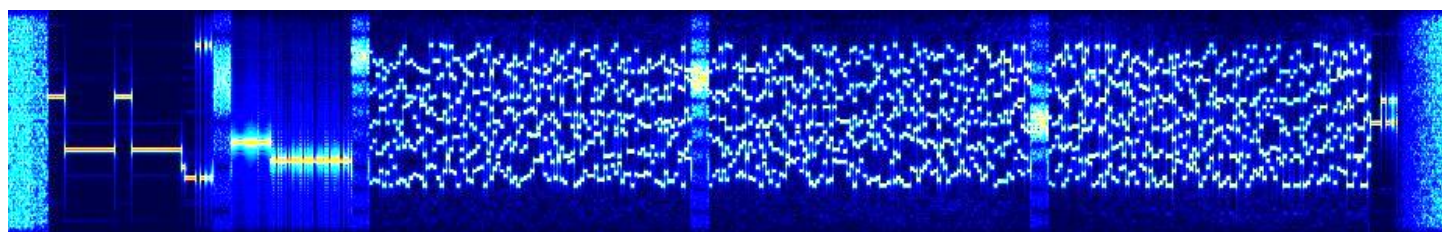
F02

Mode: MFSK-4/150Bd/4000Hz

12173 kHz, 09-01, 0830 UTC. QSX 13856 kHz 13856 kHz, 09-01, 0830 UTC. QSX 12173 kHz	12173 kHz, 23-01, 0830 UTC. QSX 13856 kHz 13856 kHz, 23-01, 0830 UTC. QSX 12173 kHz
16083 kHz, 09-01, 0900 UTC	16083 kHz, 23-01, 0900 UTC
18449 kHz, 10-01, 0705 UTC 15626 kHz, 10-01, 0830 UTC. QSX 16166 kHz 16166 kHz, 10-01, 0830 UTC. QSX 15626 kHz	18449 kHz, 24-01, 0700 UTC. QSX 16312 kHz 16312 kHz, 24-01, 0700 UTC. QSX 18449 kHz
12173 kHz, 16-01, 0830 UTC. QSX 13856 kHz 13856 kHz, 16-01, 0830 UTC. QSX 12173 kHz	15626 kHz, 24-01, 0830 UTC. QSX 16166 kHz 16166 kHz, 24-01, 0830 UTC. QSX 15626 kHz
16083 kHz, 16-01, 0900 UTC	15626 kHz, 27-01, 0830 UTC. QSX 16166 kHz 16166 kHz, 27-01, 0830 UTC. QSX 15626 kHz
18449 kHz, 17-01, 0720 UTC. QSX 16312 kHz 16312 kHz, 17-01, 0720 UTC. QSX 18449 kHz	18449 kHz, 31-01, 0700 UTC. QSX 16312 kHz 16312 kHz, 31-01, 0700 UTC. QSX 18449 kHz
15626 kHz, 17-01, 0830 UTC. QSX 16166 kHz 16166 kHz, 17-01, 0830 UTC. QSX 15626 kHz	15626 kHz, 31-01, 0830 UTC. QSX 16166 kHz 16166 kHz, 31-01, 0830 UTC. QSX 15626 kHz
15626 kHz, 20-01, 0830 UTC. QSX 16166 kHz 16166 kHz, 20-01, 0830 UTC. QSX 15626 kHz	

F07

7461 kHz, 03-01/12-01/17-01/19-01/24-01/26-01/31-01, 2100 UTC
6979 kHz, 03-01/12-01/17-01/19-01/24-01/26-01/31-01, 2110 UTC
6783 kHz, 03-01/12-01/17-01/19-01/24-01/26-01/31-01, 2120 UTC
5841 kHz, 03-01/12-01/17-01/19-01/24-01/26-01/31-01, 2130 UTC
5318 kHz, 03-01/12-01/17-01/19-01/24-01/26-01/31-01, 2140 UTC
5081 kHz, 03-01/12-01/17-01/19-01/24-01/26-01/31-01, 2150 UTC



F07 January 24th

HM01 - Dirección General de Inteligencia

January 1st – January 8th : repeat of November 26th.

Groups: 51652 85427 78462 04021 00411 85365

Files: 36385165.F1G 87348542.TXT 50317846.TXT 01450402.TXT 28100041.TXT 75088536.TXT

Callsign: QWERTY01

11530 kHz, 09-01, 1700 UTC. Tests

Groups: 67771 67772 01836 01837 01838 73576 73577 73578 65848 67378 10813 65849 27851 57201 67771 27851

File: Long undecodable message. Unstable WinRDM

10715 kHz, 09-01, 2158 UTC

Groups: 10815 67772 01838 73578 57201 27851

Files: Undecodable files. Unstable WinDRM

11530 kHz, 10-01, 1707 UTC

Groups: 77311 67775 30462 63281 57203 27854

Files: 36317731.F1G 18086777.TXT 31183046.TXT 85036328.TXT 32765720.TXT 11302785.TXT

Callsign: QWERTY01

11530 kHz, 11-01, 1710 UTC

Groups: 77311 77312 77313 67776 67777 67778 30463 30464 30465 63282 63283 63284

File: 11302785.TXT ID: 45637-1 sent after each group

Callsign: QWERTY01

11530 kHz, 11-01, 1729 UTC

Groups: 77313 67778 30465 63284 57206 27857 (repeated)

Groups: 77313 67776 67777 67778 30463 30464 30465 63282 63283 63284 57204 57205 57206 27855 27856 27857 77311 77312

File: 11302785.TXT ID: 45637-1 sent after each group

Callsign: QWERTY01

11435 kHz, 12-01, 1628 UTC

Groups: 77316 40332 16161 63287 03301 58441 (repeated)

Groups: 77316 40332 16161 63287 03301 30466 63285 30467 63286 16161 57207

File: 11302785.TXT ID: 45637-1 sent after each group

Callsign: QWERTY01

11435 kHz, 13-01, 1601 UTC

Groups: 77316 40331 40331 40332 30466 63285 30467 63286 06161

File: 11302785.TXT sent after each group

Callsign: QWERTY01

11435 kHz, 13-01, 1618 UTC

Groups: 77316 40332 16161 63287 03301 58441 77316 40332 16161 63287 03301 58441 (repeated)

Groups: 77316 40331 40331 40332 30466

File: 11302785.TXT sent after each group

Callsign: QWERTY01

11530 kHz, 14-01, 1700 UTC

Groups: 77316 40332 16161 63287 03301 58441 (repeated)

Groups: 77316 40331 40331 40332 30466 63285 30467 63286 16161 57207 27858 77314 57208 58441 63287

File: 11302785.TXT sent after each file

Callsign: QWERTY01

11530 kHz, 15-01, 1700 UTC

Groups: 77316 40332 16161 63287 03301 58441 (repeated)

Groups: 77316 40331 40331 40332 30466 63285 30467 63286 16161 57207 27858 77314 57208 58441 63287

File: 11302785.TXT ID: 45637-1 sent after each group

Callsign: QWERTY01

11530 kHz, 16-01, 1703 UTC. i.p. Signal on and off.

Groups i.p. 30467 63285 30467 63286 16161 57207 27858 77314 57208 58441 63287 40331 77315 03301 30477 off at 1736z

File: 11302785.TXT ID: 45637-1 repeated after each group

Callsign: QWERTY01

11635 kHz, 17-01, 1758 UTC. Restart after one file

Groups: 27611 40337 16165 83074 03305 58446

Files: 41582761.TXT 07204033.TXT 17741616.TXT 07608307.TXT 01020330.TXT 70085844.TXT

Callsign: QWERTY01

11530 kHz, 18-01, 1758 UTC. Should be on 11635 kHz. Switched at 1809z

11635 kHz, 18-01, 1809 UTC

Groups: 27612 84681 16166 83075 03306 58447

Files: 41582761.TXT 74458468.TXT 17741616.TXT 07608307.TXT 01020330.TXT 70085844.TXT

Callsign: QWERTY01

11530 kHz, 19-01, 1702 UTC

Groups: 51652 85427 78462 04021 00411 85365

Files: 36385165.F1G 87348542.TXT 50317846.TXT 01450402.TXT 28100041.TXT 75088536.TXT

Callsign: QWERTY01

11635 kHz, 20-01, 2139 UTC, i.p.

Groups: 27614 84682 16168 83077 03308 45811

Files: 41582761.TXT 74458468.TXT 17741616.TXT 07608307.TXT 01020330.TXT 82014581.TXT

Callsign: QWERTY01

11435 kHz, 21-01, 1600 UTC. Repeat of 20 Jan

11530 kHz, 22-01, 1750 UTC. Repeat of 20 Jan

11530 kHz, 23-01, 1658 UTC

Groups: 27616 84684 12561 70501 50251 45813

Files: 41582761.TXT 74458468.TXT 08821256.TXT 78107050.TXT 76135025.TXT 82014581.TXT

Callsign: QWERTY01

24-31 January: repeat of January 23rd.

P07

7584 kHz, 01-01/04-01/08-01/11-01/15-01/18-01/22-01/25-01/29-01, 1500 UTC

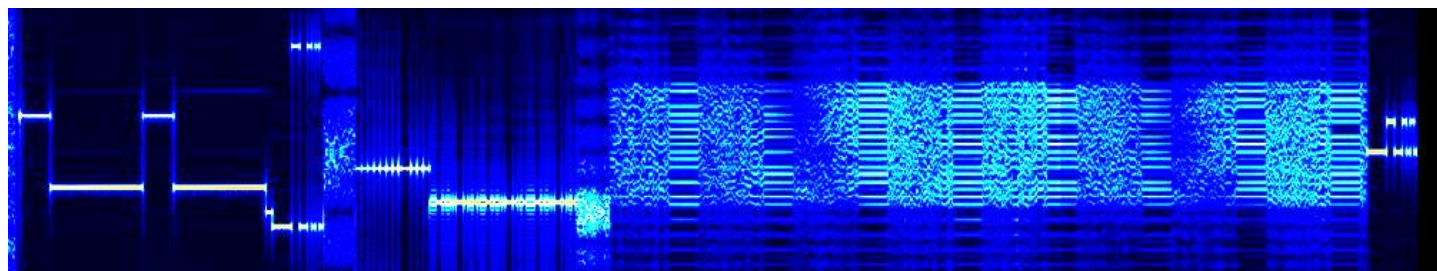
6926 kHz, 01-01/04-01/08-01/11-01/15-01/18-01/22-01/25-01/29-01, 1510 UTC

5814 kHz, 01-01/04-01/08-01/11-01/15-01/18-01/22-01/25-01/29-01, 1520 UTC

5471 kHz, 01-01/04-01/08-01/11-01/15-01/18-01/22-01/25-01/29-01, 1530 UTC

5094 kHz, 01-01/04-01/08-01/11-01/15-01/18-01/22-01/25-01/29-01, 1540 UTC

4639 kHz, 01-01/04-01/08-01/11-01/15-01/18-01/22-01/25-01/29-01, 1550 UTC



P07 January 25th

Q26 - Chinese military

17055 kHz, 02-01, 1047 UTC

4HTC 4HTC 4HTC DE XQGU XQGU XQGU
4HTC 4HTC 4HTC DE XQGU XQGU XQGU
4HTC 4HTC 4HTC DE XQGU XQGU XQGU K

4HTC 4HTC 4HTC DE XQGU XQGU XQGU
4HTC 4HTC 4HTC DE XQGU XQGU XQGU
4HTC 4HTC 4HTC DE XQGU XQGU XQGU K

4HTC 4HTC 4HTC DE XQGU XQGU XQGU
4HTC 4HTC 4HTC DE XQGU XQGU XQGU
4HTC 4HTC 4HTC DE XQGU XQGU XQGU
XYXYXYXYXY QSL 1849 XRZ QQGT
CLBI
K

16616 kHz, 05-01, 1142 UTC, i.p.

UQUQ DQ? XXX
QB XXX
3YX7 3YXD171 QSA
D171 D171 D171 DE 47TP 47TP 47TP QSA? ///
D171 D171 D171 DE 47TP 47TP 47TP QSA? ///
D171 D171 D171 DE 47TP 47TP 47TP QSA? ///
DCGIUCU

8073 kHz, 06-01, 1130 UTC

BNGC BNGC BNGC DE VSF85 VSF85 BNGC BNGC BNGC DE VSF85
BNGC BNGC BNGC DE VSF85 BNGC BNGC BNGC DE VSF85 VSF85
HR MSGS GA PSE CY0023 CK513 35 0106 1653 --
NR0024 CK036 35 0106 1654 --
001 952 006 953 018 954 700 021 746 705
770 893 707 021 773 022 773 023 773 024
773 025 773 026 773 756 027 773 755 029
773 719 718 947 319 725
AHR CW WKBC

XPA1

14852/13952/11552 kHz, 04-01/06-01/11-01/13-01, 1310/1330/1350 UTC

895 895 895 1 895 895 895 1 895 895 895 1
00491 00098 05399 95683 34894 22768 47193 35062 99906 85942
22227 52933 33551 62933 35032 37007 66525 95238 86812 52059
88067 40199 00500 08788 84683 48922 98206 39820 16679 97326
54279 78912 63155 27607 83033 06594 12560 20001 02715 25354
51805 70301 79585 69025 01435 88902 07545 56742 97067 10034
13493 20025 38378 97319 56451 09293 53379 90590 81821 43158
79886 48900 02991 14627 45622 81874 22836 63738 77177 39791
07311 19583 22632 46492 47587 42702 34994 08712 86645 20229
40713 30184 97645 15937 72656 63478 11917 68086 17306 15299
52595 18579 65241 63448 65275 98997 76539 61574 35562 96539
77616

14852/13952/11552 kHz, 18-01/20-01/25-01/27-01, 1310/1330/1350 UTC

895 895 895 1 895 895 895 1 895 895 895 1
04830 00104 49859 76939 48603 88700 82998 16519 19750 95230
97115 73423 72807 25352 26709 67900 68613 82081 45808 46811
92636 17443 71978 13424 61868 81149 65228 83597 08956 73300
91818 10705 56448 57852 00011 65113 59699 02535 69671 68762
96861 07288 54282 11147 28151 86931 60336 05738 63424 05481
96888 08940 61418 37133 69804 84893 75226 85871 91967 18062

39339 70955 16992 08147 79364 54024 45615 51395 16741 84728
32620 80449 29157 97083 47942 29433 91872 15044 81889 85819
17776 50535 91007 07854 10516 30185 75359 30503 23329 00065
66569 89645 92802 87781 17549 14486 64435 91337 29701 34574
44554 50943 39558 89333 51199 09663 76545

XPA2

16327/18227/19627 kHz, 0900/0920/0940 UTC

16327/18227/19627 kHz, 01-01, 0900/0920/0940 UTC

08848 00001 00000 41264

16327/18227/19627 kHz, 06-01/08-01, 0900/0920/0940 UTC

00480 00133 93274 84257 48639 66636 03639 92028 46820 10395
20888 93083 30976 82464 91479 40637 54817 23568 07180 23508
22936 12387 21089 23016 26814 42475 86765 13243 99063 79186
26977 63160 01110 36181 77359 18290 55514 99999 88696 91887
01592 07956 58782 18615 08422 45213 70020 16608 74722 66377
99503 20086 96321 26828 88077 19206 40280 28881 42466 16100
44371 95533 17093 72928 76699 31475 73054 60422 74825 20566
81166 05928 14851 08637 71553 43344 83919 80088 85066 41007
81953 57950 58040 42276 64848 75000 05823 88944 86644 90406
76650 96843 08229 05215 06811 17139 95560 84060 54005 22252
38324 31760 65928 60055 64936 55500 91538 55310 60049 90383
20338 16643 57778 06281 07100 69355 88500 24268 30650 63002
84409 73927 88884 96447 39449 33246 31169 80560 50460 19319
59435 97744 04729 05006 17783 16063

16327/18227/19627 kHz, 13-01, 0900/0920/0940 UTC

02846 00001 00000 40256

16327/18227/19627 kHz, 15-01, 0900/0920/0940 UTC

08114 00001 00000 33661

16327/18227/19627 kHz, 20-01/22-01, 0900/0920/0940 UTC

00138 00145 94840 73750 22656 23990 17724 48448 58358 54495
59051 17269 91804 63394 50102 85506 64260 29126 36339 61622
11304 42902 28651 20753 51581 99151 79111 83474 10487 55984
64975 45796 03460 63376 55608 11227 72797 78637 75420 28144
02619 53796 73268 72192 00846 74464 80571 27050 76581 32985
71296 25022 74397 74758 49265 16690 29727 28977 32182 77276
98450 87653 24732 34153 09560 14247 66517 31528 22418 55650
15232 42493 29292 87165 76003 99899 57098 37479 35733 77428
95369 71529 51843 55691 57802 68479 07502 62528 41854 91087
00919 45851 70834 46166 64877 60895 83806 27226 97412 19903
85039 11257 35904 62600 85872 05796 65864 02154 87497 15154
81197 19078 76725 23307 59132 01266 50622 81743 13790 52786
77030 57343 69793 63988 06286 36938 61464 51661 89730 68560
89728 84191 83466 16039 07679 95183 16106 97879 50850 62439
48237 66932 11136 89983 06453 55186 08097 01654

16327/18227/19627 kHz, 27-01, 0900/0920/0940 UTC

02537 00001 00000 37255

16327/18227/19627 kHz, 29-01, 0900/0920/0940 UTC

06479 00001 00000 37665

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

00290 00212 75173 72600 87096 54757 06241 50023 03545 22760
 50531 00693 00064 02947 95185 61553 17057 37841 48283 66116
 41798 34446 15102 07937 19573 24357 79247 05930 94595 86003
 08049 97355 37859 67471 67936 94335 80086 97747 92049 02283
 40988 76456 40818 73800 78994 63389 77117 38626 66061 62914
 05609 04463 48232 18500 73825 20286 33110 04241 05313 88391
 38353 83180 60327 89548 61036 94530 13017 89244 11309 30603
 75407 16580 33694 85449 47903 27294 42690 48387 22733 94494
 36634 59048 24231 76714 26430 33209 42097 04796 15831 73913
 26471 13780 25437 46113 29090 12668 05425 41930 81961 93555
 66026 52759 01458 47948 84981 12065 33419 93057 82143 20398
 92443 08340 65611 31041 35008 22423 44835 44439 14334 03131
 41687 06192 09843 31038 45982 77927 18931 60809 68987 29736
 04820 22699 05584 05003 13352 60707 86935 95876 17484 63968
 78792 03517 97117 22839 25248 87301 12008 30397 21026 67893
 93426 51001 43123 95963 87723 15586 25045 44220 08000 61223
 35708 36078 59502 76781 01566 83561 14916 00290 75483 32145
 28372 36003 22827 94163 91832 76486 28168 26270 03261 30630
 84190 94322 52818 54838 33636 81281 40809 87093 00643 17356
 12613 75390 91872 91676 43741 85508 97547 10211 24993 96833
 99669 83418 15243 85019 35577 84373 50935 41364 95565 78279
 40911 32549 15093 67446 21334

10921/12221/13521 kHz, 03-01/12-01, 1200/1220/1240 UTC

04582 00001 00000 34664

10921/12221/13521 kHz, 08-01, 1200/1220/1240 UTC

07953 00001 00000 37264

10921/12221/13521 kHz, 10-01/15-01, 1200/1220/1240 UTC

06991 00218 65489 14652 57986 71903 90745 44239 32715 85459
 41482 01492 70643 21312 87506 93414 59807 49707 11813 42300
 35316 29256 93234 78977 07586 95992 29507 28339 52880 58032
 36850 61597 13595 17231 71367 79714 65465 11774 85955 64099
 23149 81923 87275 30519 76213 40266 58146 80441 72062 51538
 47773 10992 28655 98805 34705 09260 72302 15147 01637 68008
 47692 82660 23375 06634 82218 02133 03474 30124 67688 80272
 27117 06759 36395 24468 79099 84161 84429 89609 79732 19281
 29965 02780 92156 95487 02438 05762 51870 69957 42196 21687
 47762 13696 27264 52969 97583 80118 91344 03777 65109 02192
 55860 96565 90737 11508 35669 29482 25446 56637 36520 85867
 12640 28009 31389 93182 03521 69018 26516 47311 95439 95735
 56651 73548 54448 99658 39868 98138 66111 12457 23201 99452
 54152 35719 06316 80328 32511 96118 70304 10931 94830 74058
 86889 41037 32275 45469 77688 07421 24485 79204 86967 47324
 02281 18546 20679 22153 31838 37434 12085 15777 02864 72813
 29639 39303 21791 60018 13522 85236 61344 64294 94083 52095
 42286 88325 81578 29895 18254 84929 99670 62625 08638 65469
 74257 99877 89584 50473 17771 82154 66391 17366 64823 84792
 04595 04469 45978 59174 23193 10172 58127 00215 76326 28444
 21000 65275 32799 65107 94250 02926 86307 42417 75962 25700
 48892 66795 67412 01004 83731 32742 01846 43756 61760 49665
 34151

10921/12221/13521 kHz, 17-01/22-01, 1200/1220/1240 UTC

00493 00234 66194 30921 82705 76280 28705 74798 87490 63957
 73992 89137 66682 62063 88215 71932 62532 17428 56829 42075
 48191 41207 95933 17703 69610 54301 67022 96631 87578 78957
 32525 64954 80335 23079 17265 12645 70872 06595 72213 12553
 51021 07488 51645 16836 01748 81270 20983 61175 98859 42545

98780 07774 93049 09240 30176 05576 12642 64382 79488 03977
58558 32252 75841 30125 62573 69113 51969 77844 38402 57918
47060 17280 95465 43545 34057 68117 08572 40047 62005 99635
23495 36006 53976 07081 78606 76618 93723 54227 87106 81258
17418 12546 41396 33606 55780 17761 36488 36101 11018 55883
20259 18890 31149 68654 61802 08325 48122 62629 38780 70424
64328 27848 97305 83618 20873 62125 04732 54446 20218 23535
42922 87669 33549 76390 30171 16145 27950 49689 94285 26008
81947 73515 87954 54151 37394 50893 92739 94898 25580 33294
11616 80500 35769 49603 63686 09918 64957 69705 81373 73228
96532 09775 76908 98522 95352 72074 82221 54473 56037 06780
07473 99946 40535 59173 19969 45186 19675 27755 39403 69167
59072 24876 45428 25004 29807 51641 03563 71645 00504 86134
69575 39027 36298 19654 16478 01442 64679 09031 95463 09900
82587 88363 38547 04344 78655 19002 09274 15824 97455 04445
10832 74997 43647 66558 98615 87248 46401 68456 06413 09933
04202 24861 42165 67062 38900 27030 18748 79575 94835 81872
91636 11582 09599 38380 28290 59977 77980 43846 68470 27633
96014 26112 30923 30166 13185 66356 65502

10921/12221/13521 kHz, 24-01/29-01, 1200/1220/1240 UTC

00470 00208 77708 83873 76005 39553 79808 88915 52823 24121
82222 01413 75449 04137 10534 75016 39265 03886 30365 45788
62284 20125 27130 20425 79635 12938 29672 70128 00127 94528
07702 82529 69310 54815 62749 44467 06672 57979 74006 46913
41340 86533 92270 03702 89261 91897 21510 17008 33904 94379
38444 88265 28390 71218 66753 85098 51367 61861 52711 24205
65941 32706 00566 59772 12997 39848 80383 40569 17792 09302
48450 57791 89917 15554 50682 72090 91875 55068 44681 02836
31686 38573 97627 74090 56864 10390 31913 86857 96587 65436
03974 83092 50381 76854 55493 14263 08723 23950 48827 23511
36991 88771 71266 22921 67276 41680 27763 25971 09531 61053
68105 83504 85272 20401 16975 42506 85681 68744 41346 08595
02202 21435 76658 80239 71996 67107 85674 67277 61092 56202
25227 02780 75839 42405 73440 65046 84996 59559 30381 88975
68111 84438 47288 87306 62228 00572 68318 28779 66017 85380
44152 01882 59639 91058 24500 26309 04236 96808 71938 57016
10971 83975 28956 09229 99306 43538 39456 40593 69022 53973
43956 76120 21802 72703 95834 99569 77992 43343 85968 08375
93516 79875 79480 79565 25830 62055 14106 68549 16902 18803
24138 04503 54578 55124 96976 30739 95142 40956 32335 70738
33489 68591 35630 43429 47065 91290 86765 59819 24749 24885
03536

10921/12221/13521 kHz, 31-01, 1200/1220/1240 UTC

05363 00001 00000 34263

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

11493/13393/13993 kHz, 02-01, 0800/0820/0840 UTC

07255 00001 00000 34664

11493/13393/13993 kHz, 04-01, 0800/0820/0840 UTC

07735 00001 00000 37262

11493/13393/13993 kHz, 09-01/11-01/15-01/16-01/18-01, 0800/0820/0840 UTC

05564 00104 76522 77543 04220 75591 46672 33174 04831 59840
07866 20526 56573 99126 94553 28027 64230 94674 33235 24654
32932 20413 67893 34107 01557 69302 22137 22113 25822 75910
10382 67300 45150 44122 88973 25508 99498 12785 90173 14157
48304 57747 87776 88390 75608 38744 42332 81607 19631 44692
21598 67457 97129 60354 57532 29661 08793 36155 40944 78867
22463 59021 74016 67248 23550 02970 64745 56713 99220 96540

96885 33923 61554 71281 07091 78816 35511 57981 67678 67351
12889 50297 95605 76449 16899 64753 62106 16713 82919 23300
84019 76649 95744 97393 26329 37896 54436 13528 22916 74344
17894 04189 82184 74208 37071 57221 12176

11493/13393/13993 kHz, 23-01, 0800/0820/0840 UTC

02034 00001 00000 33255

11493/13393/13993 kHz, 25-01, 0800/0820/0840 UTC

06639 00001 00000 40661

11493/13393/13993 kHz, 30-01, 0800/0820/0840 UTC

00262 00114 62467 25422 30988 27822 75381 22565 51562 45709
61053 14489 23692 66868 39065 38288 53112 06528 65134 89367
31904 38683 01362 50439 53616 98390 54009 43450 60517 58312
54036 46146 35416 23552 35896 96190 84134 98584 96826 19656
70922 17656 90668 30709 32116 86146 43491 09227 05804 64319
06414 88051 09391 00656 58610 30708 71481 96212 11440 75173
26398 36735 58625 75439 41705 19673 09984 77307 98553 23588
67987 63199 82911 48375 64816 29685 54576 24909 50821 42574
85523 09396 04362 59066 47939 94660 97396 77780 15114 97514
26951 62977 85970 97384 83219 73073 17438 04306 49468 84398
37718 31630 16655 89992 95407 16227 22252 34777 32162 77156
58042 19469 05364 21965 70689 56292 02242

14977/13971/13371 kHz, 0910/0930/0950 UTC
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14977/13971/13371 kHz, 02-01/09-01/11-01/15-01, 0910/0930/0950 UTC

06226 00108 73868 01588 61542 25885 24661 93892 72310 45827
48181 22008 76028 97210 95635 27973 81920 97133 48279 18511
69294 91152 25569 23709 05760 24173 47201 00563 16394 34344
88604 31611 48631 27797 97663 00673 75895 14829 29430 67505
00196 30363 01782 70577 82155 73010 26712 53303 18650 23811
08427 18535 13030 09499 32787 17039 82903 30620 80444 83935
38851 19497 96316 58939 00011 36645 16394 23203 73815 49861
09546 80418 30169 67168 34822 72449 50583 29919 35093 72350
36856 63209 77671 52804 40184 58264 22803 46134 13661 43719
28334 38003 43905 46781 95735 65165 61838 20588 01278 36331
65154 13308 85827 82237 54248 84613 63949 00456 71462 53220
51613

14977/13971/13371 kHz, 16-01/18-01/23-01/25-01, 0910/0930/0950 UTC

08916 00128 50293 89247 31888 69195 31045 39609 60535 88557
45113 96087 06036 32917 75760 10251 78330 54110 63787 26193
18253 34092 82509 99634 01103 41400 88814 45320 30406 94388
53370 59935 60588 94915 08701 97649 93680 68610 16769 23936
16279 66676 18438 48416 15955 09242 58896 83508 77578 71602
94840 68944 41800 88364 51624 74283 12836 58771 71284 40877
44398 84220 74645 95306 76223 88568 10685 11788 78059 59408
04065 43484 46566 26757 12060 97368 15698 83684 96858 11277
56032 77584 24151 05483 73026 46558 91501 55896 08100 03229
38505 72590 08101 93200 96676 81840 81741 07713 49684 50440
98462 27711 99465 46655 07673 63366 47596 83738 55992 04228
92060 43342 87009 10921 82662 59491 83853 50081 52581 08243
76168 17095 71014 26616 94363 00319 64630 18147 04955 26907
62767

14977/13971/13371 kHz, 30-01, 0910/0930/0950 UTC

01198 00001 00000 35662

9317/8117/7417 kHz, 02-01, 1600/1620/1640 UTC

06755 00001 00000 37263

9317/8117/7417 kHz, 07-01, 1600/1620/1640 UTC

01245 00001 00000 34655

9317/8117/7417 kHz, 09-01/14-01, 1600/1620/1640 UTC

00263 00291 18575 67233 39890 51245 78325 19755 14967 81630
71512 59609 13960 73355 22098 84262 93687 30895 67838 83136
65579 50377 35536 33417 13559 38606 61310 97641 77491 34189
22254 35128 53323 98394 87895 61881 12737 19073 80615 72138
22226 80161 67845 47548 42919 79797 60557 34534 61019 65433
18553 83689 98840 63296 26242 78999 19804 48920 11350 09609
21484 42541 88320 20187 05047 84603 11274 01375 65239 18146
70526 62309 65588 53966 07280 51712 93435 44544 48463 92775
01731 13959 66720 81958 37003 37930 65139 76796 26817 07006
23969 83734 91466 83122 07849 82279 24363 60832 15693 13685
19564 13894 59276 13368 60117 74523 33898 12017 80638 48890
71713 48492 35871 97404 78204 06077 86129 55272 44247 18958
45171 43409 67698 58553 49316 88621 17595 23542 75227 64462
22948 54608 72506 39236 88442 95274 37542 75087 27081 41225
14428 30256 22682 55755 52501 40262 11766 33866 84031 41359
89187 86535 01480 70272 28441 59121 28001 04589 39138 43440
14177 19415 09601 29951 27620 34815 19651 62111 45527 88480
29711 84996 68743 80740 50272 31742 52655 68612 71556 75128
80791 59878 94693 32546 27295 67607 64962 21065 06894 79307
50027 05271 31303 73961 16819 43258 87763 62747 29805 21943
61929 14774 40998 54111 02383 81073 63356 28832 93103 52998
68024 51073 61277 96826 57861 71684 77209 75890 97092 31844
36884 09447 98131 23101 10133 50266 14658 34049 02197 38173
48230 31530 16388 53520 39787 48676 26742 89717 45559 75395
49424 24791 45677 96956 04192 52333 32579 86078 42775 61961
29012 05243 47368 40096 03333 04996 86011 89368 08980 66059
80011 59185 97520 77789 91932 91888 95617 81514 05648 89769
16089 29163 84077 67852 01855 80261 94507 85829 13033 09963
71289 33477 69636 18240 76531 19754 81488 28850 69026 88278
29937 40675 40230 60421

9317/8117/7417 kHz, 16-01/21-01, 1600/1620/1640 UTC

03518 00277 42164 04457 01326 26946 07533 49128 62038 08534
78387 96164 62587 42555 62357 51723 94159 59514 35002 50446
65597 86011 79800 63245 11412 68449 63003 32175 29762 70798
05635 75940 90062 92033 54362 77022 87492 93055 83044 29439
73868 62723 74268 04218 51085 61001 87574 44967 56197 31437
59632 26997 80246 45352 20924 92611 74112 66176 86669 00790
61644 13895 99031 78146 72067 47506 16649 44193 04653 94630
03776 54752 17098 14144 68885 41158 42827 36271 56718 79583
64327 98091 31502 64610 78074 79671 32865 96401 30195 26442
33236 73707 25410 86346 02363 68648 86024 16925 21998 71095
09392 63729 78659 47792 68967 62760 36957 26897 84983 93590
47465 34072 21201 52430 11143 31262 44542 49639 52376 01256
33732 65856 28572 59788 44728 78848 97427 40176 55732 86571
37273 73422 26211 86324 10053 06663 44299 47517 16049 82003
81783 54462 93403 60229 10204 70955 76554 98819 63360 09152
56977 60384 42041 74762 54536 04968 97430 77056 25599 66277
17605 23262 90213 16480 77952 98872 29341 22079 30248 67159
69036 83277 25261 16636 47645 72449 78540 46480 80710 93041
64767 02207 88246 13071 12384 57153 17400 25091 52968 32208
03173 18401 46283 42036 10492 54419 89157 50708 28361 14651
72294 49139 17712 40204 48115 53777 50952 34862 53460 66503
86362 07665 88584 16336 56552 05083 89936 65907 50215 09575

89828 86150 37489 94540 89408 76629 19170 54062 43784 17849
97964 99312 48368 70612 26718 61142 14920 70894 38484 19073
36482 22068 91857 36394 99187 09951 45869 53908 63998 24823
18977 95361 68621 73342 77949 82353 81846 35351 11744 53474
95155 70438 19912 12078 01508 31143 70235 32027 21048 55023
24795 22478 41054 24791 71079 48828 91037 87518 15023 17542

9317/8117/7417 kHz, 23-01, 1600/1620/1640 UTC

00994 00001 00000 37663

9317/8117/7417 kHz, 28-01, 1600/1620/1640 UTC

06010 00001 00000 31257

9317/8117/7417 kHz, 30-01, 1600/1620/1640 UTC

00439 00263 09752 17802 06621 68019 34290 23565 74007 43964
01258 74899 81213 97276 91856 41848 12682 32321 26010 59261
14180 10266 73859 83276 92655 26042 14355 26251 63517 39033
09522 57192 36728 96189 26648 64614 51306 63167 39707 80773
49649 61970 55658 95776 86984 32222 11661 09966 31421 30201
25901 99685 22263 80629 52551 36112 22433 84891 72711 27214
53594 67075 65864 95250 64004 38971 21619 24145 63772 98046
05285 05404 14909 18239 52953 70613 82510 52096 88712 55404
57081 06587 33782 16192 08612 30111 26940 16722 86673 25485
59633 23591 59945 62320 98865 20210 36264 72082 34480 28534
38010 11945 01290 23414 63273 88762 80792 41430 30770 16696
71662 08365 71484 07146 54496 70080 46535 84820 78248 15537
33389 43002 21503 63449 01967 90829 09493 64819 65461 91387
78171 99872 04057 18979 95611 30245 86978 91255 00553 80792
50656 44535 36307 73189 26576 67557 00666 95112 35149 68252
47062 14139 28898 55563 81220 89882 13734 31479 40553 07950
65195 54505 13574 25526 31811 71179 95977 56033 61891 06525
27885 69270 31140 09738 77920 56662 18162 54786 01596 14371
17043 57013 64966 71931 99929 96802 91518 48745 73818 80802
97945 53783 56233 24587 18946 37185 93975 10185 19787 61893
65442 86967 88187 05376 14190 45297 15829 58399 43472 17503
01986 43505 38108 12135 08775 30294 60516 53144 98459 68702
13672 98540 11080 82598 06683 08305 56402 39698 92496 04949
12546 97777 19321 34718 47116 37784 77265 39865 53902 87788
05970 79518 72444 08627 78188 28371 24353 82232 23918 26188
35890 48862 53731 89174 56769 17811 00181 62975 45945 71440
34286 48410 70443 66470 98863 10052

9382/10582/11582 kHz, 0600/0620/0640 UTC
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9382/10582/11582 kHz, 03-01/12-01/05-01, 0600/0620/0640 UTC

07140 00091 94677 34107 01356 34969 26462 34802 20831 51128
81676 66592 61143 29777 04295 73059 88492 69777 89313 59117
38884 07254 95916 37700 24288 32359 83314 53349 17675 33360
30349 08830 17154 52250 12080 21287 31371 90840 76958 40640
95249 42897 99395 22092 58119 33354 47288 00238 66300 88337
88257 52042 99532 10310 25642 08955 16027 15289 56102 31769
12812 79841 26884 49333 84680 64886 09245 48851 32375 37796
99557 92129 35421 62084 06925 14550 87312 26775 32153 16281
69116 68547 17569 87140 02218 73328 90304 63123 88433 96308
82113 71527 83752 54663

9382/10582/11582 kHz, 10-01, 0600/0620/0640 UTC

05793 00001 00000 36266

9382/10582/11582 kHz, 12-01, 0600/0620/0640 UTC

05136 00001 00000 34660

9382/10582/11582 kHz, 17-01/19-01, 0600/0620/0640 UTC

07518 00103 04907 58668 79105 89650 96348 70743 77445 24891
48969 07521 10631 92790 30680 83185 85117 66648 14781 57795
38167 40766 63502 13714 01904 43313 17384 87925 28914 95334
06038 94680 57158 34989 82232 46707 41862 21412 75856 66659
71191 02279 34939 93797 05989 39207 70944 51424 23105 49585
35203 25503 92488 63261 17461 81579 01545 54421 25392 01573
83279 49533 97497 59736 11070 73059 36891 81642 83402 28255
54303 17133 81057 90799 86450 40353 45280 57961 30005 78014
81696 84509 23236 79725 30461 55315 97619 16807 46337 03097
31956 25122 75470 74497 58737 55973 28497 33362 42441 54562
96566 57390 82149 43541 17793 26771

9382/10582/11582 kHz, 24-01, 0600/0620/0640 UTC

07475 00001 00000 35666

9382/10582/11582 kHz, 26-01, 0600/0620/0640 UTC

02351 00001 00000 33257

9382/10582/11582 kHz, 31-01, 0600/0620/0640 UTC

07331 00097 76658 55049 07989 71114 40219 83040 43506 62149
79916 74002 18453 94851 46703 76744 87341 27121 54471 08878
29671 35697 09781 82708 14069 67984 86266 36903 81010 36478
41495 51079 67399 89074 83173 89779 16984 58154 34798 16962
15644 02103 80508 32406 76936 77969 50103 62429 00649 18285
71216 38944 16191 23024 41046 07751 09093 08346 31956 96019
58357 74189 41284 78419 54060 68891 54680 42466 20358 05724
76356 91450 73734 33302 78642 81434 36089 71331 17024 31195
80127 81610 27089 46421 87425 48873 40120 51151 24547 78073
54668 87491 25878 85729 14545 00839 59884 00066 13455 72350

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

10231/9331/8131 kHz, 03-01/12-01/06-01/10-11/13-01, 1100/1120/1140 UTC

00228 00193 16405 64940 68954 03407 81865 20892 48957 82125
84348 59448 26888 05148 49418 53913 01242 29656 40149 00798
94081 95423 91046 65707 88090 30995 32844 35498 84229 07510
72699 20687 30433 50140 34339 22659 46141 35276 63779 14604
93702 68336 72965 56363 78630 09133 29843 17002 04092 50234
45796 29188 21353 62838 10893 64266 57028 64459 76967 94887
17681 09942 29527 54956 89734 73708 66044 91535 29408 80453
08815 49735 97863 42716 10918 83709 08899 80274 41705 64843
95609 02102 74252 37391 97343 14863 36075 56663 95642 46894
10066 18489 32330 76189 69503 41074 96063 32941 94403 06588
11846 00194 26694 89622 77540 21850 71556 83601 29058 59688
10789 62097 52607 86404 70297 74147 48906 32700 06874 90743
99698 49328 94360 79648 40456 37715 54748 39103 74297 88180
44562 87586 14828 60230 25478 50802 13661 47120 13131 74507
14188 35424 66827 00605 96630 49014 94377 03556 07006 16259
11094 93975 52496 82574 27379 90091 80910 91242 05701 23500
64258 87756 81814 45056 44826 70890 15127 50666 31182 56083
91133 71293 94553 66158 25469 40428 75863 10780 23820 98876
68937 16737 05915 48875 24868 81718 34529 75161 96051 44570
11299 82346 02828 94358 15165 07127

10231/9331/8131 kHz, 17-01, 1100/1120/1140 UTC

02467 00001 00000 36660

10231/9331/8131 kHz, 20-01, 1100/1120/1140 UTC

07637 00001 00000 37662

10231/9331/8131 kHz, 24-01/27-01/31-01, 1100/1120/1140 UTC

06910 00187 60906 43742 22978 35994 32164 68456 34127 89484
61748 09277 86492 96564 24623 79564 38247 03501 05037 09099
10579 53582 20902 68303 47977 51438 47043 25284 64339 57425
54075 82146 55457 41401 14263 81107 81097 73410 97996 86057
93269 06506 84510 10755 21300 15229 44911 57319 82914 83912
03607 22281 23123 86491 61130 76733 54736 27411 44337 37081
41487 39584 67715 49198 82845 49774 02913 12270 47505 43209
37584 93693 48833 34060 85491 21388 86525 15389 46962 96224
03928 86806 68344 53531 50854 75508 38740 67577 01111 04005
34310 98266 29341 37353 11156 28030 20121 39963 58319 26257
58464 45886 83028 22883 97770 48929 63532 38271 38812 18157
10255 48840 26196 18373 96351 91727 49069 20868 05401 89308
89243 61773 24461 21268 37327 63259 58312 18739 95121 84544
20202 79349 43796 53200 56886 28380 30634 66423 15776 41914
41504 25380 63863 38711 58008 53552 50866 70164 98186 12902
92895 41785 50319 28647 28481 39948 35831 49269 51762 95237
55776 22391 51386 94919 67564 23822 56308 01212 52759 87074
19419 28888 92197 12009 64804 53737 34077 46140 16050 71146
78809 62738 39722 57395 59442 58447 86033 57358 45888 05335

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

10465/9165/8065 kHz, 03-01/12-01/05-01, 1600/1620/1640 UTC

00356 00208 97103 41111 86945 89513 40592 51311 86275 81964
02331 27563 72857 88413 19788 24990 75421 43317 58546 96164
68535 18640 56100 75633 20245 13190 53325 55860 45561 06466
76303 72833 99205 61449 02331 47200 26479 48363 31875 07484
53972 47942 30382 63334 76423 25161 00104 31047 16357 33272
37634 67565 89490 26169 12288 26006 46295 37485 71648 61402
41887 26929 23064 35456 61971 95781 97274 18448 33438 41949
30521 16211 56107 04763 62455 75056 60991 10363 04437 14899
57721 63836 29872 61420 97370 68898 75851 16248 27294 30478
83403 15258 94421 98551 20210 15693 89150 05584 04487 18026
44108 51006 56530 60172 92059 61520 04626 23009 83769 95938
53149 62144 50425 35686 60723 11068 60292 71958 32834 88407
68008 50461 35222 15263 42945 71854 32433 03156 97553 38046
45191 39763 64054 17752 33330 87430 63990 34256 76039 10853
62833 23815 08438 16746 44867 94206 65103 59137 16682 27914
02394 78738 59870 47547 35650 95962 97059 90559 88143 37745
89346 32203 35670 63037 38529 45491 39924 58214 77299 36240
99977 08131 29900 35617 85895 25934 68509 83362 64072 86877
83465 37373 54518 89362 46459 52557 50990 17131 44277 91295
40248 99799 67751 81188 34945 41819 49647 89053 87990 62068
39565 35798 82953 62301 85276 69364 26317 39374 43601 16228
17751

10465/9165/8065 kHz, 10-01, 1600/1620/1640 UTC

01802 00001 00000 36251

10465/9165/8065 kHz, 12-01, 1600/1620/1640 UTC

02422 00001 00000 34254

10465/9165/8065 kHz, 17-01/19-01, 1600/1620/1640 UTC

00340 00234 50858 04250 69977 90412 04773 17747 62916 62183
98313 95023 69323 89406 58682 08626 02347 79208 07403 57649
41143 53171 34449 12832 91352 76982 31762 93718 05041 06941
15714 26390 29607 32651 53861 68281 73414 22422 00439 57805
30070 47483 89108 79732 56242 52900 73734 09766 06964 57293
05827 91007 78086 25662 40303 63263 63342 88705 61767 37433
69207 32280 38764 45987 91457 89320 28897 32994 92339 43127
56058 36328 80927 31639 00840 87748 06055 96435 81577 22115
74438 72031 78855 88483 78636 82211 28543 43874 84812 46744

90178 81274 68718 91214 16694 33684 10605 30333 04499 01839
12082 40151 14841 90267 13461 43690 74775 02239 85042 39235
36194 18297 90875 19079 37173 70237 88741 96725 13222 71156
92659 15750 04039 30379 22634 98293 72821 08707 80141 97893
21573 64694 22536 94173 60767 81897 38886 33333 05031 85935
08891 26900 96104 85171 08360 24256 05724 49128 55530 66076
87857 82749 63286 60833 11123 81836 77891 70887 26457 07887
78471 43703 34168 24876 23678 70477 35413 85114 29217 47048
46611 88531 60309 72581 08415 48503 70252 66956 91979 96500
33238 86069 63056 16492 16202 83306 61540 86930 59946 25333
41697 68189 37541 68290 49978 63286 08234 32810 62040 42191
06064 06395 07568 10909 03998 54707 00030 09998 90201 69172
05062 94243 68753 28701 83172 21370 62333 28857 66047 20514
30867 49624 95767 25857 51375 71577 02977 27586 64490 77145
10127 31659 09807 36280 11592 32889 46140

10465/9165/8065 kHz, 24-01, 1600/1620/1640 UTC

06586 00001 00000 36666

10465/9165/8065 kHz, 26-01, 1600/1620/1640 UTC

06625 00001 00000 36660

10465/9165/8065 kHz, 31-01, 1600/1620/1640 UTC

06619 00213 79122 02153 19511 62374 17579 35517 61854 55235
53631 76799 98611 62520 28855 52922 01348 90616 46375 23808
26293 24843 47237 77125 55895 58729 63019 43034 33377 11836
06653 35671 28630 32428 91185 40837 01969 40002 96359 78581
85420 58206 86370 01921 43009 79130 13461 00338 96523 56023
40937 95014 36886 38144 96348 26633 82038 98935 01720 31910
66619 15951 28168 37516 58548 61588 89476 20053 36818 57152
99209 76226 89232 45520 38447 98743 98188 04892 39148 52905
52119 68995 50723 19508 32876 42783 90528 31547 73105 13912
53740 92597 20430 49870 05553 45738 66177 27395 18468 54408
40825 53048 90029 18632 26932 89144 48725 76977 63718 51088
25009 22289 67777 28419 83489 55328 58437 78734 34116 52004
50597 39850 98882 91949 45415 19272 12522 09762 52573 26985
78202 80953 34826 76641 56842 48262 06211 58571 28463 89812
98962 51658 47522 66313 64746 44010 63503 56305 84545 13631
76532 84660 81120 94414 50121 46600 59709 20550 06726 73532
52460 10944 38637 72994 99462 58968 31606 09929 27608 00376
46882 92936 33269 73451 43651 50395 16539 67596 83807 50232
37460 10359 77548 92851 09045 89672 70449 60325 00263 90212
23521 73388 66712 62846 15622 07951 14860 94213 44349 73771
36234 29142 90502 89913 19365 83137 12771 14021 65155 77730
29440 01960 84939 77927 01533 15573

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

14977/13971/13371 kHz, 04-01, 0910/0930/0950 UTC

06226 00108 73868 01598 61542 25985 24761 93892 72310 45827
48181 22008 76028 97210 95635 27973 81920 97133 48279 18511
69294 91152 25569 23709 05760 24173 47201 10563 16394 34344
98604 31611 48631 27797 97663 10673 75895 14829 29430 67505
00196 30363 01782 70577 82155 73020 26712 53303 18650 23811
08427 18535 13030 09499 32787 17039 82903 30620 80444 83935
38851 19497 96316 58939 01111 37645 16394 23203 73815 49861
09546 80418 30169 67168 34822 72449 50583 29919 35093 82350
36856 63209 77671 52804 40184 58264 22803 46134 13661 53719
28334 38003 43905 46781 95735 75165 61838 20588 01278 37431
65154 13308 85827 82237 54248 84613 63949 99456 71462 53220
51613

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

13384/12184/10984 kHz, 04-01/06-01, 1100/1120/1140 UTC

00510 00168 83242 18389 25414 23028 27505 98033 52060 23500
35728 87165 30182 81163 53676 63281 93461 58874 14347 33412
28271 04646 03118 22930 58149 74944 10222 67928 26602 89309
14394 45646 81904 48584 43646 06065 31572 97408 56754 49594
68487 47400 69232 49874 39753 41954 25652 37677 50728 55860
34858 56603 17692 97666 61552 70532 13812 95858 41479 41880
26293 73724 37095 34678 37499 74371 55554 05430 46388 78968
84547 84422 68832 89543 95543 61557 59627 31363 31485 89789
37426 02609 33986 53152 64489 79012 42310 63619 99272 39739
25805 12232 36434 14879 27678 55252 12595 04228 29528 24372
33208 95653 87192 47877 65731 93183 84785 68116 63112 56689
58019 88211 51756 15303 67729 51697 90372 39969 48567 65112
29797 14301 51677 59246 24448 12765 66830 27293 10952 56606
50171 13964 05327 82169 25753 26681 57055 07229 39398 60680
87913 07671 19966 65346 79868 10432 08099 24821 33088 91930
22412 74787 10892 10084 12028 41041 92811 32093 31099 08671
30072 56105 84986 40564 18271 90904 59369 89037 27916 06339
77652

13384/12184/10984 kHz, 11-01/15-01, 1100/1120/1140 UTC

04673 00001 00000 35663

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

02817 00001 00000 40653

13384/12184/10984 kHz, 18-01/19-01/25-01/26-01, 1100/1120/1140 UTC

00195 00210 04207 67678 95539 12716 62177 55880 80778 80410
49605 41094 81466 97712 68019 34872 36934 02112 24130 91906
86800 07964 36200 81598 58897 14334 60851 28826 57484 17977
34407 38391 89207 91721 58007 77061 15628 81851 68817 34001
12774 76731 17576 99787 86676 43778 69710 94609 31372 77762
74445 89518 55559 72425 26933 30492 21141 70439 56843 32646
12326 55123 06776 32449 96127 68919 92786 14331 62701 28762
97268 72697 70784 56950 86634 41518 71138 50700 35395 35863
75392 96953 18155 69545 70007 90647 97864 94130 93228 14368
08810 31310 01996 60967 57286 76301 44287 18055 11716 99459
31798 04641 64914 24201 71221 88410 04223 60650 53553 99789
91780 10864 75689 02591 30079 50489 82251 46795 52189 69637
83917 22172 82105 98398 75014 59839 32298 38807 03874 33979
71675 31745 95293 61724 86188 86663 22048 41318 75466 24752
97741 10481 57928 04112 70488 24203 02360 54606 89924 54659
51376 18515 01509 69645 57587 50336 47867 73345 65466 62868
08481 79080 54960 26748 57294 21629 57377 02442 63332 24619
07716 70893 13559 19548 31910 91709 09221 20647 93831 96883
45802 12118 20782 87550 71962 04773 85583 34232 38545 34152
93834 19669 92978 24192 41709 55862 46182 49339 63824 21023
56749 82926 75338 21987 07613 77886 48604 77852 44157 31736
80447 79923 60135

13878/14978/16278 kHz, 1200/1220/1240 UTC

13878/14978/16278 kHz, 04-01/06-01, 1200/1220/1240 UTC

00239 00124 91512 48031 04754 05558 72601 05151 80581 79017
99222 38850 95555 31617 05287 62021 52507 99419 86539 89645
07346 02968 29122 92944 13439 11899 06589 65431 49061 14884
12829 38784 88845 76234 62307 86158 62040 28432 63460 75723
58649 98775 17262 24265 74716 22250 26086 27133 69404 09343
41008 26311 34876 94634 41272 61283 12045 55295 97453 31882
41988 08045 58375 22792 90798 33170 57671 94808 62699 70089
35823 42772 21401 51354 27714 18378 86093 32892 21697 95819

90359 37715 35849 87833 65698 87382 58879 60305 48607 15727
00330 83702 72383 31091 12301 39178 89125 56198 51069 12573
03336 38915 04422 98578 59538 82015 25835 05255 20161 73661
09251 79102 45032 79246 14737 44553 03018 24774 47436 40462
79758 36388 78189 92055 62093 83728 62272

13878/14978/16278 kHz, 11-01/15-01/13-01, 1200/1220/1240 UTC

06795 00148 94794 89475 14385 57641 27071 85044 12673 70649
13941 79308 56537 67035 27092 35152 94029 53430 04112 37831
02115 54240 85474 41119 40411 56995 65294 36102 68106 69955
46378 63260 36028 76485 56198 07225 75232 41908 18543 48585
21801 99705 51744 04398 02317 14439 79071 30568 71455 61333
96501 23978 08730 86651 57495 25256 13036 64476 25675 86336
64708 21905 57747 24787 02724 08180 70398 26672 21512 27505
55080 92809 02107 02291 54115 61930 59306 61761 50091 63461
74897 40410 83894 25439 64466 70627 14788 35503 99749 32564
67572 97287 78901 12548 04836 62846 38508 23727 32349 68564
01018 59614 71313 65258 41728 14547 78180 45441 85636 11911
36068 12846 90081 69386 21833 29370 41099 07919 37335 20915
30691 19207 93629 92010 16768 45858 16661 05304 39969 22521
47200 88386 12095 87927 74983 36323 64395 07676 11675 59409
24333 05589 86873 34576 09030 43336 79532 70499 63995 96762
62511

13878/14978/16278 kHz, 18-01/20-01, 1200/1220/1240 UTC

00484 00164 77246 39510 91857 63335 89581 47994 06326 08264
58080 26311 50192 50168 22972 09071 97609 24445 59777 72688
46230 32504 17564 19144 85807 32424 02409 06143 98033 24661
50682 37787 07077 79056 45325 60973 21214 62081 44803 53451
21604 21972 94333 47374 37016 64868 53040 84177 77855 77617
39766 40019 63486 22589 55953 79098 31353 89325 72627 99817
88073 73247 13153 26308 20719 76237 79945 45625 95815 09231
05318 74403 71803 02544 86174 94197 42040 27154 10405 97918
28213 65018 58578 44744 75622 16170 62825 25292 26379 23733
75679 13744 18649 65163 41188 01952 40692 32653 36100 46310
18632 91136 48323 77358 43746 78627 46373 84455 74957 13177
42101 47428 87879 94458 02384 64583 38861 16979 68173 20964
08280 39018 69844 21324 92640 67804 40682 58154 99682 23051
03530 13366 52658 50902 26084 65908 48328 54213 83132 95302
21741 75042 37055 64964 46237 99106 56332 57666 39386 27160
03454 09848 24771 14596 29364 53764 61490 73583 96775 95440
82596 82830 55985 74527 89325 88157 52164

13878/14978/16278 kHz, 25-01/27-01, 1200/1220/1240 UTC

02318 00198 05717 75552 80637 23336 72780 43414 04257 22192
92611 34504 43338 62323 20794 21898 38564 36872 29563 95675
24575 70465 76071 85264 56602 59897 71930 41070 63290 27285
92085 61402 55786 08484 53379 44841 59998 05839 27510 45753
83725 33164 74693 49956 79143 94708 36093 45774 43220 43399
14185 84278 11791 72220 13926 14671 72327 43401 69758 66622
87750 47758 75677 87798 58687 99853 07022 84751 52180 39190
26400 51273 66293 38627 20411 94493 88194 48987 64144 39081
24096 37322 34634 58814 78254 73632 39525 08229 16378 72955
01920 04628 02352 43722 96336 13331 26259 73625 94369 65104
47177 93716 45202 59322 37858 43913 01039 72617 48075 27488
60961 88671 15690 99170 27635 14459 55423 95128 27322 39538
01838 84788 31114 91007 67258 39712 55823 63059 10705 57255
24641 69158 79757 36437 88450 05137 52851 74859 03205 01660
09797 10273 35610 20646 19494 78499 20263 03601 91614 13181
79421 35274 40539 50441 41856 97850 27990 10356 95966 04229
05931 46065 69889 46336 35440 85029 25485 30997 18624 20576
71335 21415 62647 86150 15027 21962 96971 13182 95505 65263
10342 91501 62669 68855 18665 01460 05369 95001 47655 66954
41533 81868 48741 27970 86501 21066 82731 91703 74822 59501
33774

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

14794/13994/12194 kHz, 05-01, 0910/0930/0950 UTC

07361 00001 00000 33265

14794/13994/12194 kHz, 07-01, 0910/0930/0950 UTC

06871 00001 00000 35665

14794/13994/12194 kHz, 12-01/14-01/19-01/21-01, 0910/0930/0950 UTC

00398 00142 59548 49269 06363 80842 35412 69720 73275 48099
41999 08683 16978 49252 87122 97579 64435 93199 07945 58008
94402 97289 93412 34248 75330 04794 75244 87728 27737 23118
22081 64999 25919 17849 96585 22451 84051 58180 44675 25405
83098 01742 48460 21325 96426 33356 90612 41641 13408 70302
89860 54874 53318 13124 04101 71918 68164 22083 81996 96148
58226 49486 62881 43582 73328 87320 66621 35850 04803 03452
97364 76715 97046 96712 66885 22478 53215 61025 32920 59108
11285 85882 88627 37463 98815 49830 22298 60909 85952 87628
17475 84548 93265 69086 77026 55482 20034 02336 13809 03405
89989 53574 82379 68290 11925 90482 95462 69530 16101 26799
58673 07287 31846 00836 84060 25018 95022 23448 41921 95219
64711 99229 65193 80264 39868 45202 14574 62268 15208 78632
83204 40047 23560 65583 35124 23550 65424 47098 42616 31361
76147 89657 67362 78256 47714

14794/13994/12194 kHz, 26-01, 0910/0930/0950 UTC

03189 00001 00000 36263

14794/13994/12194 kHz, 28-01, 0910/0930/0950 UTC

09751 00001 00000 35266

XPB1

12187 kHz, 02-01/03-01/12-01/09-01/10-01/16-01/17-01/23-01/24-01/30-01/31-01, 0600 UTC
13387 kHz, 02-01/03-01/12-01/09-01/10-01/16-01/17-01/23-01/24-01/30-01/31-01, 0610 UTC
13887 kHz, 02-01/03-01/12-01/09-01/10-01/16-01/17-01/23-01/24-01/30-01/31-01, 0620 UTC
14487 kHz, 02-01/03-01/12-01/09-01/10-01/16-01/17-01/23-01/24-01/30-01/31-01, 0630 UTC
14987 kHz, 02-01/03-01/12-01/09-01/10-01/16-01/17-01/23-01/24-01/30-01/31-01, 0640 UTC
15887 kHz, 02-01/03-01/12-01/09-01/10-01/16-01/17-01/23-01/24-01/30-01/31-01, 0650 UTC

14769 kHz, 02-01/07-01/09-01/11-01/14-01/16-01/21-01/23-01/28-01/30-1, 1100 UTC
14369 kHz, 02-01/07-01/09-01/11-01/14-01/16-01/21-01/23-01/28-01/30-1, 1110 UTC
13969 kHz, 02-01/07-01/09-01/11-01/14-01/16-01/21-01/23-01/28-01/30-1, 1120 UTC
13369 kHz, 02-01/07-01/09-01/11-01/14-01/16-01/21-01/23-01/28-01/30-1, 1130 UTC
12169 kHz, 02-01/07-01/09-01/11-01/14-01/16-01/21-01/23-01/28-01/30-1, 1140 UTC
11169 kHz, 02-01/07-01/09-01/11-01/14-01/16-01/21-01/23-01/28-01/30-1, 1150 UTC

20069 kHz, 03-01/12-01/06-01/10-01/13-01/17-01/20-01/24-01/27-01/31-01, 1300 UTC
19369 kHz, 03-01/12-01/06-01/10-01/13-01/17-01/20-01/24-01/27-01/31-01, 1310 UTC
18269 kHz, 03-01/12-01/06-01/10-01/13-01/17-01/20-01/24-01/27-01/31-01, 1320 UTC
17469 kHz, 03-01/12-01/06-01/10-01/13-01/17-01/20-01/24-01/27-01/31-01, 1330 UTC
16269 kHz, 03-01/12-01/06-01/10-01/13-01/17-01/20-01/24-01/27-01/31-01, 1340 UTC
15969 kHz, 03-01/12-01/06-01/10-01/13-01/17-01/20-01/24-01/27-01/31-01, 1350 UTC

15925 kHz, 04-01/07-01/11-01/14-01/18-01/21-01/25-01/28-01, 1200 UTC
14825 kHz, 04-01/07-01/11-01/14-01/18-01/21-01/25-01/28-01, 1210 UTC
13425 kHz, 04-01/07-01/11-01/14-01/18-01/21-01/25-01/28-01, 1220 UTC
12125 kHz, 04-01/07-01/11-01/14-01/18-01/21-01/25-01/28-01, 1230 UTC
10425 kHz, 04-01/07-01/11-01/14-01/18-01/21-01/25-01/28-01, 1240 UTC
9325 kHz, 04-01/07-01/11-01/14-01/18-01/21-01/25-01/28-01, 1250 UTC

DIPLOMATIC STATIONS

Egyptian diplomatic stations

16355 kHz, 01-01, 0818 UTC, CODAN-3012

99910: MFA Cairo wkg 11103: Egyptian embassy Berne

Bulgarian diplomatic stations

14655 kHz, 03-01, 0755 UTC, RFSM	Bulgarian diplo. QSX 14661 kHz
14661 kHz, 03-01, 0755 UTC, RFSM	Bulgarian diplo. QSX 14655 kHz
17442 kHz, 03-01, 1400 UTC, RFSM	MFA Sofia wkg unid embassy
17442 kHz, 04-01, 0813 UTC, RFSM	Bulgarian diplo
17442 kHz, 06-01, 1400 UTC, RFSM	Bulgarian diplo
17442 kHz, 09-01, 1400 UTC, RFSM	Bulgarian diplo
17440 kHz, 10-01, 1330 UTC, RFSM	Bulgarian diplo
17442 kHz, 10-01, 1400 UTC, RFSM	MFA Sofia wkg unid embassy
17442 kHz, 11-01, 1400 UTC, RFSM	MFA Sofia msg to unid embassy
17442 kHz, 12-01, 1400 UTC, RFSM	MFA Sofia msg to unid embassy
17442 kHz, 16-01, 1325 UTC, RFSM	Bulgarian diplo
17442 kHz, 18-01, 1210 UTC, RFSM	Bulgarian diplo
17440 kHz, 18-01, 1326 UTC, RFSM	MFA Sofia msg to unid embassy
17442 kHz, 19-01, 1400 UTC, RFSM	MFA Sofia msg to unid embassy
17442 kHz, 30-01, 1355 UTC, RFSM	Bulgarian diplo
17440 kHz, 23-01, 1327 UTC, RFSM	Bulgarian diplo
17442 kHz, 23-01, 1358 UTC, RFSM	MFA Sofia tfc
12221 kHz, 24-01, 1212 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 12226 kHz
12226 kHz, 24-01, 1212 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 12221 kHz
17442 kHz, 26-01, 1400 UTC, RFSM	MFA Sofia msg to unid embassy
17442 kHz, 27-01, 1355 UTC, RFSM	Bulgarian diplo
17440 kHz, 30-01, 1325 UTC, RFSM	MFA Sofia tfc
17442 kHz, 30-01, 1358 UTC, RFSM	MFA Sofia tfc
12221 kHz, 31-01, 1200 UTC, RFSM	Unid Bulgarian embassy wkg MFA Sofia. QSX 12226 kHz
12226 kHz, 31-01, 1200 UTC, RFSM	MFA Sofia wkg unid embassy. QSX 12221 kHz

Russian diplomatic stations

18193 kHz, 04-01, 1304 UTC, OFDM-112	Russian diplo
18193 kHz, 04-01, 1320 UTC, OFDM-112	Russian diplo
13423 kHz, 09-01, 0906 UTC, MFSK-6	MFA Moscow clg 421635: Russian embassy Oslo
16117 kHz, 09-01, 0932 UTC, MFSK-6	MFA Moscow clg 463125: Russian embassy Rabat
20690 kHz, 09-01, 0819 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
13423 kHz, 09-01, 0819 UTC, MFSK-6	MFA Moscow clg 421635: Russian embassy Oslo
13467 kHz, 09-01, 1258 UTC, MFSK-6	MFA Moscow clg 364152: Russian embassy New Delhi
20813 kHz, 10-01, 1017 UTC, MFSK-6	MFA Moscow clg 216354: Russian Consulate General Chennai
20815 kHz, 10-01, 1017 UTC, Serdolik v2	Russian diplo
18177 kHz, 11-01, 0751 UTC, MFSK-6	MFA Moscow clg 164253: Russian embassy Addis Ababa
16153 kHz, 12-01, 0830 UTC, MFSK-6	MFA Moscow clg 153624: Russian embassy Damascus
7988 kHz, 12-01, 0846 UTC, MFSK-6	MFA Moscow clg 561243: Russian embassy Helsinki
13452 kHz, 16-01, 0753 UTC, MFSK-6	MFA Moscow clg 165324: Russian embassy Vienna
12199 kHz, 16-01, 0905 UTC, MFSK-6	MFA Moscow clg 532614: Russian embassy Paris
14377 kHz, 16-01, 0850 UTC, MFSK-6	MFA Moscow clg 432516: Russian embassy Bern
11462 kHz, 17-01, 0856 UTC, MFSK-6	MFA Moscow clg 165423: Russian embassy Brussels
14358 kHz, 17-01, 0941 UTC, MFSK-6	MFA Moscow clg 154263: Russian embassy Rome
16115 kHz, 18-01, 1131 UTC, MFSK-6	MFA Moscow clg 215346: Russian Consulate General Mumbai
14824 kHz, 20-01, 1032 UTC, MFSK-6	MFA Moscow clg 625413: Russian embassy Tel Aviv
17475 kHz, 23-01, 0824 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
20690 kHz, 23-01, 0830 UTC, MFSK-6	MFA Moscow clg 156234: Russian embassy Kampala
13423 kHz, 23-01, 0928 UTC, MFSK-6	MFA Moscow clg 421635: Russian embassy Oslo
12117 kHz, 23-01, 1246 UTC, MFSK-6	MFA Moscow clg 364152: Russian embassy New Delhi

11483 kHz, 25-01, 0832 UTC, MFSK-6
10172 kHz, 25-01, 0914 UTC, MFSK-6
13441 kHz, 25-01, 0956 UTC, MFSK-6
16153 kHz, 26-01, 0813 UTC, MFSK-6

MFA Moscow clg 412356: Russian embassy Budapest
MFA Moscow clg 465132: Russian embassy Sofia
MFA Moscow clg 263145: Russian embassy Prague
MFA Moscow clg 153624: Russian embassy Damascus

CLANDESTINE / TARGETED RADIO & JAMMERS

5500, 7700, 8001, 9041, 9900, 10200 kHz, 04-01, 1725 UTC, USB	Russian national anthem loop transmission
10420 kHz, 08-01, 0705 UTC, USB	Russian national anthem loop
10420 kHz, 15-01, 0703 UTC, USB	Russian national anthem loop
10420 kHz, 22-01, 0659 UTC, USB	Russian national anthem loop

UTILITY ROUND-UP

North Korean military

4801.2 kHz, 11-01, 1835 UTC, i.p. Logged by JPL

VVV CQ (x3) DE J8R (X2) QSA ? 4938 K

VVV

VVV

4416 kHz, 23-01, 1611 UTC, i.p.

VVV F6TK3 (X3) DE 63GMX (X2) QRU

TT24 0024 .. TT

Unid station

3303 kHz, 21-01, 2053-2100 UTC, i.p. Copied by JP via SDR Khabarovsk

25 = 81592 ? K

T?26 K

T?26 K

T?26 K

T?26 K

T?27 K

T?27 K

T?27 K

T?27 K

T QSA 1 QSA 1 ? 27 K

T 27 DM = T9466 ? K

TI N ? 27 K

T T?28 K

T? K

T?29 K

RUSSIAN MILITARY TRANSCRIPTS

Monolith stations

Western District

3218.5 kHz, 26-01, 0438 UTC Vozduh Katok-65 95410 BAGRATION 7564 4618

4625 kHz, 28-01, 0802 UTC, S28 NZhTI 81934 NYeONOVII 7643 1756

This was the first message after the Russian invasion of Ukraine

Morse transmissions

Russian Navy morse traffic

5745 kHz, 09-01, 2103 UTC. RJS: Russian Navy Vladivostok

RJE71 DE RJS ZIU ZDV K

RJS RPT K

Russian Air Force morse traffic

The Russian Air Force / bomber nets are very busy every day. I only logged some morse activity. Their voice nets are busy as well.

8112 kHz, 04-01, 1330 UTC I WV4 = 268 715 889 056C ? K

8990 kHz, 04-01, 1332 UTC I WV4 DE AF7H QTC K

8112 kHz, 04-01, 1333 UTC AF7H AF7H AF7H DE I WV4 I WV4 QRV K

8990 kHz, 04-01, 1334 UTC AF7H = 678 724 723 955 K

8112 kHz, 04-01, 1335 UTC I WV4 = 678 724 723 955 C? K

8990 kHz, 04-01, 1336 UTC CK

8112 kHz, 04-01, 1339 UTC W marker (R2) K

8112 kHz, 04-01, 1359 UTC W marker (R2) K

8112 kHz, 04-01, 1419 UTC W marker (R2) K

8112 kHz, 04-01, 1330 UTC Russian Air Force: I WV4 = 268 715 889 056C ? K

8112 kHz, 04-01, 1339 UTC Russian Air Force: W marker (R2) K

8990 kHz, 04-01, 1332 UTC Russian Air Force: I WV4 DE AF7H QTC K

4179 kHz, 05-01, 0539 UTC REA4 REA4 = = 99900 04160 25198 92285 8133 11024 21037 75627 88020 904// = REA4 K

8816 kHz, 05-01, 1517 UTC

RJC38 RMX DE 08370 QTC K

08370 DE RJC38 QRV K

08370 DE RJC38 QRV K

RJC38 RMX DE 08370 QTC K

08370 DE RJC38 QRV K

08370 QTH 14542 13943 QTR 1519 QBD 7000 QBD 0500 RPT AL K

RJC38 QTH 14542 13943 QTR 1519 QBD 7000 QBD 0500 K

08370 CK

VVV RJC38 RJC38 RMX RMX DE 26447 26447 QSA? QTC K

26447 26447 26447 DE RJC38 RJC38 QSA1 QRV K

26447 QTO 1507 QRD XLLP XUMO QBD 0500 QRE 1730 RPT AL K

RJC38 QTO 1507 QRD XLLP XUMO QBD 0500 QRE 1730 K

26447 CK

8816 kHz, 05-01, 1548 UTC

RJC38 RMX DE 08370 QTC K

answer unreadable

57470 QTH 14419 14813 QTR 1548 QBD 7000 QRE XRFI 1645 RPT AL K

answer unreadable

07370 K K

7314 kHz, 06-01

0820 UTC XXX XXX A2CA A2CA 48724 REPRIMAND 1149 5601 XXX XXX A2CA A2CA 48724 REPRIMAND 1149 5601 K

0823 UTC XXX XXX A2CA A2CA 72440 CEPKIW 0921 6418 WOLChIW 0050 6044 XXX XXX

0827 UTC XXX XXX A2CA A2CA 26342 POKOJNLJ 8337 7377 XXX XXX A2CA A2CA 26342 POKOJNLJ 8337 7377 K

0825 UTC XXX XXX HEDT HEDT 66127 SK OS OL XEV 8356 7757 XXX XXX HEDT HEDT 66127 SK OS OL XEV 8356 7757 K

0831 UTC XXX XXX A2CA A2CA 16080 WRAGOKOS 0668 9729 XXX XXX A2CA A2CA 06080 WRAGOKOS 0668 9729 K

0832 UTC XXX XXX HEDT HEDT 13312 SEWOPES 8598 8721 XXX XXX HEDT HEDT 13312 SEWOPES 8598 8721 K

0835 UTC XXX XXX A2CA A2CA 77736 PUPSOSHlK 3941 7863 XXX XXX A2CA A2CA 77736 PUPSOSHlK 3941 7865 K

0837 UTC REA4 REA4 = 60709 9900 05120 73842 72907 00000 11262 21297 8000 = REA4 K

0841 UTC XXX XXX A2CA A2CA 95445 CIFTOSHWed 7135 8207 XXX XXX A2CA A2CA 95445 CIFTOSHWed 7135 8207 K

8112 kHz, 09-01, 1320 UTC W-marker (R2) , also at 1340, 1400, 1420z

7314 kHz, 13-01,

0959 UTC XXX XXX A2CA A2CA 73374 NRAWOSLOG 1685 1111 K
1040 UTC REA4 REA4 = 13090 99001 12120 62596 74997 23602 21265 21300 80000 = REA4 K
1240 UTC REA4 REA4 = 13110 99900 12130 62596 74997 23004 11282 21315 80001 = REA4 K

7314 kHz, 20-01,

0821 UTC XXX XXX A2CA A2CA 01993 UGARONII 6669 8952 K
0826 UTC XXX XXX A2CA A2CA 99775 KUKUhKIN 0100 6533 OTWAL 0693 9993 K
0827 UTC XXX XXX A2CA A2CA 06429 PXEDESTAL 8377 5382 K
0830 UTC XXX XXX HEDT HEDT 07747 BOGOMERZKIJ 8340 5199 K
0831 UTC XXX XXX A2CA A2CA 63449 PANKOKIEW 2620 1892 K
0833 UTC XXX XXX HEDT HEDT 55642 KORVOBAKS 5340 3423 K
0835 UTC XXX XXX A2CA A2CA 22053 BAJTOWNUK 3618 7327 K
0839 UTC XXX XXX A2CA A2CA 66597 DREMA 1302 4313 PNEWMOKOKK 3711 5465 K
0849 UTC XXX XXX A2CA A2CA 93208 468 = DDDDD followed by several 4LG messages
0911 UTC XXX XXX MSK7 MSK7 02536 KURDOPRIM 19975 7541 K
0916 UTC XXX XXX MSK7 MSK7 27734 OSKIF 9200 9577 K
0919 UTC XXX XXX MSK7 MSK7 76343 KAZNACHeIShA 7868 5337 K
0921 UTC XXX XXX MSK7 MSK7 19595 OShOGZUAW 5753 283 K
0923 UTC XXX XXX MSK7 MSK7 72723 WIZDOPLEN 4571 4679 K
0825 UTC XXX XXX MSK7 MSK7 32126 DVAZOPAN 7236 7458 K
0827 UTC XXX XXX MSK7 MSK7 57541 ROWOZEW 1778 8969 K
1140 UTC REA4 REA4 = 20300 99900 19120 63596 68997 40101 11204 21344 84011 = REA4 K

Russian tactical datalink

7230 kHz, 01-01, 0711 UTC, Akkord 1200Bd/800Hz

7240 kHz, 01-01, 0711 UTC, Akkord 1200Bd/800Hz

3333 kHz, 06-01, 0455 UTC, Akkord 1200Bd/800Hz

CONTRIBUTORS

AB	Ary Boender, Netherlands	JPL-CHN	JPL via remote rx China
AB-GRC	Ary Boender via remote rx Greece	JPL-I	JPL via remote rx Italy
AB-HNG	Ary Boender via remote rx Hungary	JZ	John Zuck via Priyom
AB-J	Ary Boender via remote rx Japan	linkz	Linkz, S.E. France
AB-KOR	Ary Boender via remote rx South Korea	Moon	Moonlight (Dave AU)
AB-KWT	Ary Boender via remote rx Kuwait	MPJ	Jim, SW England
AB-POL	Ary Boender via remote rx Poland	MPJ-AUT	Jim via remote rx Austria
AB-ROU	Ary Boender via remote rx Romania	MPJ-FIN	Jim via remote rx Finland
AB-RUS	Ary Boender via remote rx Russia	MPJ-HNG	Jim via remote rx Hungary
AB-TWN	Ary Boender via remote rx Taiwan	MPJ-HOL	Jim via remote rx Netherlands
AB-USA	Ary Boender via remote rx USA	Pof	Pofistal_975 via Priyom
And	Andrew	Priyom	Priyom.org
Anon	Anonymous	PY	Pierre Ynard, France and via remote rx
Arg	Argonn, Poland	RL	Roberto Landolpho, Brazil
AtB	Attu Bosch, AK, USA	RO	Rando One, Sweden
BR	Brian Rogers, UK	RR2	Rich Ray, IL, USA
EW	Eddy Waters, Australia	RXR	Romeo X-Ray 39
F5OIH	Vincent Lecler, France	Subilo	Subilo
HFD	Hans-Friedrich Dumrese, Germany	T101	RadiotekhnikaT101 via Priyom
HFD-J	Hans-Friedrich Dumrese via remote rx Japan	Time	Time Machine
HFD-RUS	Hans-Friedrich Dumrese via remote rx Russia	Vlad	Vladdi
HK	Hiroyuki Komatsubara, Japan	VSh	V. Shortwaver
JPL	JPL, NB, Canada (and various remote rx)		

LOGS SECTION

Code	Date	UTC	Freq	Day	Details	Mode	Contributor
---	1-1	0711	7230	Sun	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	1-1	0711	7240	Sun	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	4-1	1725	5500	Wed	Russian national anthem loop transmission on 5500, 7700, 8001, 9041, 9900 and 10200 kHz	USB	(AB)
---	4-1	1725	7700	Wed	Russian national anthem loop transmission on 5500, 7700, 8001, 9041, 9900 and 10200 kHz	USB	(AB)
---	4-1	1725	8001	Wed	Russian national anthem loop transmission on 5500, 7700, 8001, 9041, 9900 and 10200 kHz	USB	(AB)
---	4-1	1725	9041	Wed	Russian national anthem loop transmission on 5500, 7700, 8001, 9041, 9900 and 10200 kHz	USB	(AB)
---	4-1	1725	9900	Wed	Russian national anthem loop transmission on 5500, 7700, 8001, 9041, 9900 and 10200 kHz	USB	(AB)
---	4-1	1725	10200	Wed	Russian national anthem loop transmission on 5500, 7700, 8001, 9041, 9900 and 10200 kHz	USB	(AB)
---	6-1	0455	3333	Fri	Russian tactical datalink	Akkord 1200Bd/800Hz	(AB)
---	8-1	0705	10420	Sun	Russian national anthem loop	USB	(AB)
---	15-1	0703	10420	Sun	Russian national anthem loop	USB	(AB)
---	19-1	1525	5409	Thu	10-count in Russian	DSB	(AB)
---	22-1	0659	10420	Sun	Russian national anthem loop	USB	(AB)
---	26-1	0438	3218.5	Thu	Vozduh Katok-65 95410 BAGRATION 7564 4618	USB	(Arg)
BUL	3-1	0755	14655	Tue	Bulgarian diplo. QSX 14661 kHz	RFSM	(AB)
BUL	3-1	0755	14661	Tue	Bulgarian diplo. QSX 14655 kHz	RFSM	(AB)
BUL	3-1	1400	17442	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	4-1	0813	17442	Wed	Bulgarian diplo	RFSM	(AB)
BUL	6-1	1400	17442	Fri	Bulgarian diplo	RFSM	(AB)
BUL	9-1	1400	17442	Mon	Bulgarian diplo	RFSM	(AB)
BUL	10-1	1330	17440	Tue	Bulgarian diplo	RFSM	(AB)
BUL	10-1	1400	17442	Tue	MFA Sofia wkg unid embassy	RFSM	(AB)
BUL	11-1	1400	17442	Wed	MFA Sofia msg to unid embassy	RFSM	(AB)
BUL	12-1	1400	17442	Thu	MFA Sofia msg to unid embassy	RFSM	(AB)
BUL	13-1	1400	17442	Fri	Bulgarian diplo	RFSM	(AB)
BUL	16-1	1325	17440	Mon	Bulgarian diplo	RFSM	(AB)
BUL	18-1	1210	17442	Wed	Bulgarian diplo	RFSM	(AB)
BUL	18-1	1326	17440	Wed	MFA Sofia msg to unid embassy	RFSM	(AB)
BUL	19-1	1400	17442	Thu	MFA Sofia msg to unid embassy	RFSM	(AB)
BUL	20-1	1355	17442	Fri	Bulgarian diplo	RFSM	(AB)
BUL	23-1	1327	17440	Mon	MFA Sofia tfc	RFSM	(AB)
BUL	23-1	1358	17442	Mon	MFA Sofia tfc	RFSM	(AB)
BUL	24-1	1212	12221	Tue	Unid Bulgarian embassy wkg MFA Sofia. QSX 12226 kHz	RFSM	(AB)
BUL	24-1	1212	12226	Tue	MFA Sofia wkg unid embassy. QSX 12221 kHz	RFSM	(AB)
BUL	26-1	1400	17442	Thu	MFA Sofia msg to unid embassy	RFSM	(AB)
BUL	27-1	1355	17442	Fri	Bulgarian diplo	RFSM	(AB)
BUL	30-1	1325	17440	Mon	MFA Sofia tfc	RFSM	(AB)
BUL	30-1	1358	17442	Mon	MFA Sofia tfc	RFSM	(AB)

BUL	31-1	1200	12221	Tue	Unid Bulgarian embassy wkg MFA Sofia. QSX 12226 kHz	RFSM	(AB)
BUL	31-1	1200	12226	Tue	MFA Sofia wkg unid embassy. QSX 12221 kHz	RFSM	(AB)
E06	1-1	0930	9946	Sun	480 256 41 68128 53518 23246 ... 94601 82040 46795 256 41 00000	USB	(PY/HFD)
E06	1-1	1000	8095	Sun	480 256 41 68128 53518 23246 ... 94601 82040 46795 256 41 00000	USB	(PY/HFD)
E06	5-1	0600	13945	Thu	139 278 52 74286 05657 07194 ... 17591 35209 07912 278 52 00000	USB	(AB-KWT)
E06	5-1	0700	16350	Thu	139 278 52 74286 05657 07194 ... 17591 35209 07912 278 52 00000	USB	(AB)
E06	6-1	0600	13945	Fri	139 278 52 74286 05657 07194 ... 17591 35209 07912 278 52 00000	USB	(AB)
E06	6-1	0700	16350	Fri	139 278 52 74286 05657 07194 ... 17591 35209 07912 278 52 00000	USB	(AB)
E06	7-1	1300	7377	Sat	480 276 45 50135 80378 77662 ... 10418 29009 56318 276 45 00000	USB	(AB-POL/MPJ/HFD)
E06	7-1	1330	5410	Sat	480 276 45 50135 80378 77662 ... 10418 29009 56318 276 45 00000	USB	(AB-POL/MPJ/HFD)
E06	8-1	0930	9946	Sun	480 276 45 50135 80378 77662 ... 10418 29009 56318 276 45 00000	USB	(AB-RUS/HFD)
E06	8-1	1000	8095	Sun	480 276 45 50135 80378 77662 ... 10418 29009 56318 276 45 00000	USB	(AB-RUS/HFD)
E06	9-1	0210	9349	Mon	537 280 43 16809 92809 31304 ... 38552 40591 36429 280 43 00000	USB	(PY/HFD-J)
E06	9-1	0310	13413	Mon	537 280 43 16809 92809 31304 ... 38552 40591 36429 280 43 00000	USB	(PY/HFD-H)
E06	10-1	0210	9349	Tue	537 280 43 16809 92809 31304 ... 38552 40591 36429 280 43 00000	USB	(PY)
E06	10-1	0310	13413	Tue	537 916 44 48380 99849 41690 ... 66234 57193 49649 916 44 00000	USB	(PY)
E06	12-1	0300	14923	Thu	361 428 39 87826 11712 74491 ... 10770 27268 04437 428 39 00000	USB	(PY/HFD)
E06	12-1	0400	12218	Thu	361 428 39 87826 11712 74491 ... 10770 27268 04437 428 39 00000	USB	(PY/HFD)
E06	13-1	0300	14928	Fri	361 428 39 87826 11712 74491 ... 10770 27268 04437 428 39 00000	USB	(PY)
E06	13-1	0400	12218	Fri	361 428 39 87826 11712 74491 ... 10770 27268 04437 428 39 00000	USB	(PY)
E06	14-1	1300	7377	Sat	480 736 42 49563 01154 35760 ... 31812 31821 27269 736 42 00000	USB	(AB-FIN/MPJ-FIN)
E06	14-1	1330	5410	Sat	480 736 42 49563 01154 35760 ... 31812 31821 27269 736 42 00000	USB	(AB-FIN/MPJ-FIN)
E06	15-1	0930	9946	Sun	480 736 42 49563 01154 35760 ... 31812 31821 27269 736 42 00000	USB	(AB-RUS)
E06	15-1	1000	8095	Sun	480 736 42 49563 01154 35760 ... 31812 31821 27269 736 42 00000	USB	(AB-RUS)
E06	16-1	0210	9349	Mon	537 916 44 48380 99849 41690 ... 66234 57193 49649 916 44 00000	USB	(PY)
E06	16-1	0310	13413	Mon	537 916 44 48380 99849 41690 ... 66234 57193 49649 916 44 00000	USB	(PY)
E06	17-1	0210	9349	Tue	537 916 44 48380 99849 41690 ... 66234 57193 49649 916 44 00000	USB	(PY)
E06	17-1	0310	13413	Tue	537 916 44 48380 99849 41690 ... 66234 57193 49649 916 44 00000	USB	(PY)
E06	19-1	0300	14928	Thu	361 795 40 21123 01851 14008 ... 60959 17124 63918 795 40 00000	USB	(PY)
E06	19-1	0400	12218	Thu	361 795 40 21123 01851 14008 ... 60959 17124 63918 795 40 00000	USB	(PY)
E06	19-1	0600	13945	Thu	139 847 52 19804 84605 33983 ... 10641 90375 25191 847 52 00000	USB	(AB-RUS/HFD-RUS)
E06	19-1	0700	16350	Thu	139 847 52 19804 84605 33983 ... 10641 90375 25191 847 52 00000	USB	(AB/HFD-RUS)
E06	20-1	0300	14933	Fri	361 795 40 21123 01851 14008 ... 60959 17124 63918 795 40 00000	USB	(PY)
E06	20-1	0400	12218	Fri	361 795 40 21123 01851 14008 ... 60959 17124 63918 795 40 00000	USB	(PY)
E06	20-1	0600	13945	Fri	139 847 52 19804 84605 33983 ... 10641 90375 25191 847 52 00000	USB	(AB-RUS)
E06	20-1	0700	16350	Fri	139 847 52 19804 84605 33983 ... 10641 90375 25191 847 52 00000	USB	(AB)
E06	21-1	1300	7377	Sat	480 657 43 73995 85328 87650 ... 55206 60429 13963 657 43 00000	USB	(AB-RUS/MPJ)
E06	21-1	1330	5410	Sat	480 657 43 73995 85328 87650 ... 55206 60429 13963 657 43 00000	USB	(AB-FIN)
E06	22-1	0930	9946	Sun	480 657 43 73995 85328 87650 ... 55206 60429 13963 657 43 00000	USB	(AB-RUS)
E06	22-1	1000	8095	Sun	480 657 43 73995 85328 87650 ... 55206 60429 13963 657 43 00000	USB	(AB-RUS)
E06	23-1	0210	9349	Mon	537 218 45 48517 18839 41331 ... 22147 29247 65952 218 45 00000	USB	(PY)
E06	23-1	0310	13413	Mon	537 218 45 48517 18839 41331 ... 22147 29247 65952 218 45 00000	USB	(PY)

E06	24-1	0210	9349	Tue	537 218 45 48517 18839 41331 ... 22147 29247 65952 218 45 00000	USB	(PY)
E06	24-1	0310	13413	Tue	537 218 45 48517 18839 41331 ... 22147 29247 65952 218 45 00000	USB	(PY)
E06	26-1	0300	14908	Thu	361 280 41 09200 29886 85060 ... 90274 55294 83441 280 41 00000	USB	(PY)
E06	26-1	0400	12218	Thu	361 280 41 09200 29886 85060 ... 90274 55294 83441 280 41 00000	USB	(PY)
E06	27-1	0300	14908	Fri	361 280 41 09200 29886 85060 ... 90274 55294 83441 280 41 00000	USB	(PY)
E06	27-1	0400	12218	Fri	361 280 41 09200 29886 85060 ... 90274 55294 83441 280 41 00000	USB	(PY)
E06	28-1	1300	7377	Sat	480 562 44 07508 19628 63724 ... 32526 28093 25141 562 44 00000	USB	(AB-RUS/MPJ-AUT)
E06	28-1	1330	5410	Sat	480 562 44 07508 19628 63724 ... 32526 28093 25141 562 44 00000	USB	(AB-FIN/MPJ-AUT)
E06	29-1	0930	9946	Sun	480 562 44 07508 19628 63724 ... 32526 28093 25141 562 44 00000	USB	(AB-RUS)
E06	29-1	1000	8095	Sun	480 562 44 07508 19628 63724 ... 32526 28093 25141 562 44 00000	USB	(AB-RUS)
E06	30-1	0210	9349	Mon	537 920 46 82501 11762 69281 ... 51717 99845 23711 920 46 00000	USB	(PY)
E06	30-1	0310	13413	Mon	537 920 46 82501 11762 69281 ... 51717 99845 23711 920 46 00000	USB	(PY)
E06	31-1	0210	9349	Tue	537 920 46 82501 11762 69281 ... 51717 99845 23711 920 46 00000	USB	(PY)
E06	31-1	0310	13413	Tue	537 920 46 82501 11762 69281 ... 51717 99845 23711 920 46 00000	USB	(PY)
E07	1-1	0700	9326	Sun	345 345 345 000	USB	(AB/HFD)
E07	1-1	0720	10426	Sun	345 345 345 000	USB	(AB/HFD)
E07	3-1	1500	13375	Tue	313 313 313 1 220 104 220 104 71320 78217 14774 ... 62081 18912 77823 000 000	USB	(AB/HFD)
E07	3-1	1520	12175	Tue	313 313 313 1 220 104 220 104 71320 78217 14774 ... 62081 18912 77823 000 000	USB	(AB/HFD)
E07	3-1	1540	10375	Tue	313 313 313 1 220 104 220 104 71320 78217 14774 ... 62081 18912 77823 000 000	USB	(AB/HFD)
E07	5-1	1410	11593	Thu	916 916 916 1 426 86 426 86 88238 49399 68291 ... 75461 68443 81219 000 000	USB	(AB/MPJ/HFD)
E07	5-1	1430	10293	Thu	916 916 916 1 426 86 426 86 88238 49399 68291 ... 75461 68443 81219 000 000	USB	(AB/MPJ/HFD)
E07	5-1	1450	9293	Thu	916 916 916 1 426 86 426 86 88238 49399 68291 ... 75461 68443 81219 000 000	USB	(AB/MPJ/HFD)
E07	6-1	1500	13375	Fri	313 313 313 1 220 104 220 104 71320 78217 14774 ... 62081 18912 77823 000 000	USB	(AB/MPJ)
E07	6-1	1520	12175	Fri	313 313 313 1 220 104 220 104 71320 78217 14774 ... 62081 18912 77823 000 000	USB	(AB/MPJ)
E07	6-1	1540	10375	Fri	313 313 313 1 220 104 220 104 71320 78217 14774 ... 62081 18912 77823 000 000	USB	(AB/MPJ)
E07	7-1	1400	10323	Sat	310 310 310 000	USB	(AB/MPJ/HFD)
E07	7-1	1410	11593	Sat	916 916 916 1 426 86 426 86 88238 49399 68291 ... 75461 68443 81219 000 000	USB	(AB/MPJ/HFD)
E07	7-1	1420	9123	Sat	310 310 310 000	USB	(AB/MPJ/HFD)
E07	7-1	1430	10293	Sat	916 916 916 1 426 86 426 86 88238 49399 68291 ... 75461 68443 81219 000 000	USB	(AB/MPJ)
E07	7-1	1450	9293	Sat	916 916 916 1 426 86 426 86 88238 49399 68291 ... 75461 68443 81219 000 000	USB	(AB/MPJ)
E07	8-1	0700	9326	Sun	345 345 345 000	USB	(AB)
E07	8-1	0720	10426	Sun	345 345 345 000	USB	(AB)
E07	10-1	1500	13375	Tue	313 313 313 1 312 118 312 118 87661 11446 22544 ... 94388 08362 74410 000 000	USB	(AB)
E07	10-1	1520	12175	Tue	313 313 313 1 312 118 312 118 87661 11446 22544 ... 94388 08362 74410 000 000	USB	(AB)
E07	10-1	1540	10375	Tue	313 313 313 1 312 118 312 118 87661 11446 22544 ... 94388 08362 74410 000 000	USB	(AB)
E07	12-1	1410	11593	Thu	916 916 916 000	USB	(AB)
E07	12-1	1430	10293	Thu	916 916 916 000	USB	(AB)
E07	13-1	1500	13375	Fri	313 313 313 1 312 118 312 118 87661 11446 22544 ... 94388 08362 74410 000 000	USB	(AB)
E07	13-1	1520	12175	Fri	313 313 313 1 312 118 312 118 87661 11446 22544 ... 94388 08362 74410 000 000	USB	(AB)
E07	13-1	1540	10375	Fri	313 313 313 1 312 118 312 118 87661 11446 22544 ... 94388 08362 74410 000 000	USB	(AB)
E07	14-1	1400	10323	Sat	310 310 310 000	USB	(AB/MPJ)
E07	14-1	1410	11593	Sat	916 916 916 000	USB	(AB/MPJ)

E07	14-1	1420	9123	Sat	310 310 310 000	USB	(AB/MPJ)
E07	14-1	1430	10293	Sat	916 916 916 000	USB	(AB/MPJ)
E07	15-1	0700	9326	Sun	345 345 345 000	USB	(AB)
E07	15-1	0720	10426	Sun	345 345 345 000	USB	(AB)
E07	17-1	1500	13375	Tue	313 313 313 000	USB	(AB/MPJ)
E07	17-1	1520	12175	Tue	313 313 313 000	USB	(AB/MPJ)
E07	19-1	1410	11593	Thu	916 916 916 1 9461 74 9461 74 61233 65033 23383 ... 51368 38399 60219 000 000	USB	(AB/MPJ)
E07	19-1	1430	10293	Thu	916 916 916 1 9461 74 9461 74 61233 65033 23383 ... 51368 38399 60219 000 000	USB	(AB/MPJ)
E07	19-1	1450	9293	Thu	916 916 916 1 9461 74 9461 74 61233 65033 23383 ... 51368 38399 60219 000 000	USB	(AB/MPJ)
E07	20-1	1500	13375	Fri	313 313 313 000	USB	(AB/MPJ)
E07	20-1	1520	12175	Fri	313 313 313 000	USB	(AB/MPJ)
E07	21-1	1400	10323	Sat	310 310 310 000	USB	(AB/MPJ)
E07	21-1	1410	11593	Sat	916 916 916 1 9461 74 9461 74 61233 65033 23383 ... 51368 38399 60219 000 000	USB	(AB/MPJ)
E07	21-1	1420	9123	Sat	310 310 310 000	USB	(AB/MPJ)
E07	21-1	1430	10293	Sat	916 916 916 1 9461 74 9461 74 61233 65033 23383 ... 51368 38399 60219 000 000	USB	(AB/MPJ)
E07	21-1	1450	9293	Sat	916 916 916 1 9461 74 9461 74 61233 65033 23383 ... 51368 38399 60219 000 000	USB	(AB/MPJ)
E07	22-1	0700	9326	Sun	345 345 345 000	USB	(AB)
E07	22-1	0720	10426	Sun	345 345 345 000	USB	(AB)
E07	24-1	1500	13375	Tue	313 313 313 1 347 126 347 126 01274 23713 33091 ... 47913 94300 75705 000 000	USB	(AB)
E07	24-1	1520	12175	Tue	313 313 313 1 347 126 347 126 01274 23713 33091 ... 47913 94300 75705 000 000	USB	(AB)
E07	24-1	1540	10375	Tue	313 313 313 1 347 126 347 126 01274 23713 33091 ... 47913 94300 75705 000 000	USB	(AB)
E07	26-1	1410	11593	Thu	916 916 916 000	USB	(AB)
E07	26-1	1430	10293	Thu	916 916 916 000	USB	(AB)
E07	27-1	1500	13375	Fri	313 313 313 1 347 126 347 126 01274 23713 33091 ... 47913 94300 75705 000 000	USB	(AB/MPJ)
E07	27-1	1520	12175	Fri	313 313 313 1 347 126 347 126 01274 23713 33091 ... 47913 94300 75705 000 000	USB	(AB/MPJ)
E07	27-1	1540	10375	Fri	313 313 313 1 347 126 347 126 01274 23713 33091 ... 47913 94300 75705 000 000	USB	(AB/MPJ)
E07	28-1	1400	10323	Sat	310 310 310 000	USB	(AB)
E07	28-1	1410	11593	Sat	916 916 916 000	USB	(AB)
E07	28-1	1420	9123	Sat	310 310 310 000	USB	(AB)
E07	28-1	1430	10293	Sat	916 916 916 000	USB	(AB)
E07	29-1	0700	9326	Sun	345 345 345 000	USB	(AB)
E07	29-1	0720	10426	Sun	345 345 345 000	USB	(AB)
E07	31-1	1500	13375	Tue	313 313 313 000	USB	(AB/MPJ)
E07	31-1	1520	12175	Tue	313 313 313 000	USB	(AB/MPJ)
E11	1-1	0600	7850	Sun	353/00	USB	(AB-POL)
E11	1-1	0700	5371	Sun	491/00	USB	(AB)
E11	1-1	1530	4909	Sun	366/00	USB	(AB/MPJ)
E11	1-1	1605	5432	Sun	230/00	USB	(AB)
E11	1-1	1745	12924	Sun	240/00	USB	(MPJ-AUT)
E11	1-1	1815	6849	Sun	929/00	USB	(AB/MPJ)
E11	2-1	0450	4909	Mon	410/00	USB	(AB)
E11	2-1	0640	16005	Mon	940/00	USB	(AB)

E11	2-1	0830	14940	Mon	188/00	USB	(AB-POL)
E11	2-1	0845	12067	Mon	710/00	USB	(AB)
E11	2-1	0900	11092	Mon	534/00	USB	(AB)
E11	2-1	1045	11100	Mon	691/00	USB	(AB)
E11	2-1	1300	4909	Mon	315/00	USB	(AB-POL)
E11	2-1	1745	12924	Mon	242/00	USB	(AB/MPJ)
E11	2-1	1900	6849	Mon	641/00	USB	(AB/MPJ)
E11	3-1	0505	12153	Tue	335/00	USB	(AB-POL)
E11	3-1	0645	7840	Tue	512/00	USB	(AB)
E11	3-1	0700	6804	Tue	576/00	USB	(AB)
E11	3-1	0715	9130	Tue	630/00	USB	(AB)
E11	3-1	0820	14611	Tue	134/00	USB	(AB)
E11	3-1	0845	17378	Tue	151/00	USB	(AB)
E11	3-1	1000	9079	Tue	309/00	USB	(AB/HFD)
E11	3-1	1205	6433	Tue	466/00	USB	(AB-POL)
E11	3-1	1430	13363	Tue	910/00	USB	(AB)
E11	3-1	1605	5432	Tue	235/00	USB	(AB)
E11	4-1	0640	16005	Wed	946/00	USB	(AB)
E11	4-1	0820	14611	Wed	131/00	USB	(AB)
E11	4-1	0845	12067	Wed	718/00	USB	(Anon)
E11	4-1	0900	11092	Wed	532/00	USB	(AB)
E11	4-1	0930	7469	Wed	271/00	USB	(AB)
E11	4-1	1045	11100	Wed	690/00	USB	(AB)
E11	4-1	1205	6433	Wed	460/00	USB	(AB-POL)
E11	4-1	1910	4505	Wed	393/00	USB	(AB)
E11	5-1	0505	12153	Thu	331/00	USB	(AB)
E11	5-1	0645	7840	Thu	510/00	USB	(AB)
E11	5-1	0820	5149	Thu	434/00	USB	(AB)
E11	5-1	0845	17378	Thu	159/00	USB	(AB)
E11	5-1	0930	7469	Thu	271/00	USB	(AB)
E11	5-1	1300	4909	Thu	316/00	USB	(AB-POL/MPJ-HOL)
E11	5-1	1730	5779	Thu	410/00	USB	(AB/MPJ)
E11	5-1	1900	6849	Thu	643/00	USB	(AB)
E11	5-1	2000	5082	Thu	520/00	USB	(AB)
E11	6-1	0700	6804	Fri	576/00	USB	(AB)
E11	6-1	0715	9130	Fri	636/00	USB	(AB)
E11	6-1	0820	5149	Fri	436/00	USB	(AB)
E11	6-1	0830	14940	Fri	183/00	USB	(AB)
E11	6-1	1000	9079	Fri	309/00	USB	(AB)
E11	6-1	1815	6849	Fri	920/00	USB	(AB-POL)
E11	7-1	0700	5371	Sat	495/00	USB	(AB)
E11	7-1	1530	4909	Sat	360/00	USB	(AB/MPJ)

E11	7-1	1910	4505	Sat	390/00	USB	(AB)
E11	8-1	0700	5371	Sun	491/00	USB	(AB)
E11	8-1	1530	4909	Sun	367/00	USB	(AB)
E11	8-1	1605	5432	Sun	230/00	USB	(AB/MPJ)
E11	8-1	1745	12924	Sun	244/00	USB	(AB/MPJ-AUT)
E11	8-1	1815	6849	Sun	924/00	USB	(AB)
E11	8-1	2000	5082	Sun	524/00	USB	(AB)
E11	9-1	0640	16005	Mon	949/00	USB	(AB)
E11	9-1	0715	11104	Mon	753/00	USB	(AB)
E11	9-1	0745	10213	Mon	267/00	USB	(AB)
E11	9-1	0845	12067	Mon	715/00	USB	(AB)
E11	9-1	1045	11100	Mon	691/00	USB	(AB)
E11	9-1	1300	4909	Mon	314/00	USB	(AB-POL)
E11	9-1	1745	12924	Mon	248/00	USB	(AB/MPJ)
E11	10-1	0700	6804	Tue	577/00	USB	(AB)
E11	10-1	0715	9130	Tue	630/00	USB	(AB)
E11	10-1	0745	13908	Tue	229/00	USB	(AB)
E11	10-1	0820	14611	Tue	138/00	USB	(AB)
E11	10-1	0845	17378	Tue	157/00	USB	(AB/RL)
E11	10-1	1000	9079	Tue	300/00	USB	(AB)
E11	10-1	1205	6433	Tue	462/00	USB	(AB-POL)
E11	11-1	0315	9052	Wed	250/00	USB	(Time)
E11	11-1	0640	16005	Wed	945/00	USB	(AB)
E11	11-1	0715	11104	Wed	754/00	USB	(AB)
E11	11-1	0745	17378	Wed	346/00	USB	(AB)
E11	11-1	0820	14611	Wed	138/00	USB	(AB)
E11	11-1	0845	12067	Wed	714/00	USB	(AB)
E11	11-1	0930	7469	Wed	270/00	USB	(AB)
E11	11-1	1045	11100	Wed	691/00	USB	(AB)
E11	11-1	1205	6433	Wed	464/00	USB	(AB-POL)
E11	11-1	1715	5082	Wed	975/00	USB	(AB)
E11	11-1	1910	4505	Wed	396/00	USB	(AB)
E11	12-1	0315	9052	Thu	258/00	USB	(Time)
E11	12-1	0745	13908	Thu	227/00	USB	(AB)
E11	12-1	0820	5149	Thu	430/00	USB	(AB)
E11	12-1	0845	17378	Thu	151/00	USB	(AB/RL)
E11	12-1	0930	7469	Thu	270/00	USB	(AB)
E11	12-1	1300	4909	Thu	312/00	USB	(AB-POL/MPJ)
E11	12-1	1530	5409	Thu	260/00	USB	(AB/MPJ)
E11	13-1	0600	7850	Fri	359/00	USB	(AB)
E11	13-1	0700	6804	Fri	570/00	USB	(AB)
E11	13-1	0715	9130	Fri	636/00	USB	(AB)

E11	13-1	0745	17378	Fri	348/00	USB	(AB)
E11	13-1	0820	5149	Fri	431/00	USB	(AB)
E11	13-1	1000	9079	Fri	309/00	USB	(AB)
E11	13-1	1715	5082	Fri	974/00	USB	(AB)
E11	13-1	1815	6849	Fri	921/00	USB	(MPJ)
E11	13-1	1910	10487	Fri	618/00	USB	(MPJ-HNG)
E11	14-1	0700	5371	Sat	490/00	USB	(AB)
E11	14-1	1530	4909	Sat	365/00	USB	(AB/MPJ)
E11	14-1	1910	4505	Sat	394/00	USB	(AB)
E11	15-1	0600	7850	Sun	359/00	USB	(AB-POL)
E11	15-1	0700	5371	Sun	492/00	USB	(AB)
E11	15-1	1530	4909	Sun	365/00	USB	(AB)
E11	15-1	1745	12924	Sun	242/00	USB	(AB/MPJ)
E11	15-1	1815	6849	Sun	925/00	USB	(AB/MPJ-AUT)
E11	15-1	1910	10487	Sun	617/00	USB	(AB-POL/MPJ-HNG)
E11	16-1	0450	4909	Mon	413/00	USB	(AB-POL)
E11	16-1	0640	16005	Mon	940/00	USB	(AB)
E11	16-1	0715	11104	Mon	759/00	USB	(AB)
E11	16-1	0745	10213	Mon	261/00	USB	(AB)
E11	16-1	0830	14940	Mon	189/00	USB	(AB)
E11	16-1	0845	12067	Mon	713/00	USB	(AB)
E11	16-1	0900	11092	Mon	537/00	USB	(AB)
E11	16-1	1045	11100	Mon	690/00	USB	(AB)
E11	16-1	1300	4909	Mon	319/00	USB	(AB-POL/MPJ)
E11	16-1	1745	12924	Mon	249/00	USB	(AB/MPJ)
E11	16-1	1900	6849	Mon	649/00	USB	(AB/MPJ)
E11	17-1	0505	12153	Tue	337/00	USB	(AB-POL)
E11	17-1	0645	7840	Tue	517/00	USB	(AB)
E11	17-1	0700	6804	Tue	575/00	USB	(AB)
E11	17-1	0745	13908	Tue	220/00	USB	(AB)
E11	17-1	1205	6433	Tue	465/00	USB	(AB-POL)
E11	17-1	1430	13363	Tue	917/00	USB	(AB/MPJ)
E11	17-1	1605	5432	Tue	236/00	USB	(AB)
E11	18-1	0315	9052	Wed	258/00	USB	(Time)
E11	18-1	0640	16005	Wed	940/00	USB	(AB)
E11	18-1	0715	11104	Wed	751/00	USB	(AB)
E11	18-1	0745	17378	Wed	342/00	USB	(AB)
E11	18-1	0845	12067	Wed	710/00	USB	(AB)
E11	18-1	0900	11092	Wed	535/00	USB	(AB)
E11	18-1	1045	11100	Wed	690/00	USB	(AB)
E11	18-1	1205	6433	Wed	466/00	USB	(AB-POL)
E11	18-1	1715	5082	Wed	975/00	USB	(AB)

E11	18-1	1910	4505	Wed	394/00	USB	(AB)
E11	19-1	0315	9052	Thu	255/00	USB	(Time)
E11	19-1	0645	7840	Thu	510/00	USB	(AB)
E11	19-1	0745	13908	Thu	223/00	USB	(AB/RL)
E11	19-1	1300	4909	Thu	310/00	USB	(AB-POL/MPJ)
E11	19-1	1530	5409	Thu	260/00	USB	(AB-POL/MPJ)
E11	19-1	1730	5779	Thu	413/00	USB	(AB/MPJ)
E11	19-1	1900	6849	Thu	646/00	USB	(AB-POL/MPJ)
E11	19-1	2000	5082	Thu	524/00	USB	(AB)
E11	20-1	0600	7850	Fri	353/00	USB	(AB)
E11	20-1	0700	6804	Fri	573/00	USB	(AB)
E11	20-1	0745	17378	Fri	347/00	USB	(AB)
E11	20-1	0830	14940	Fri	184/00	USB	(AB/RL)
E11	20-1	1715	5082	Fri	970/00	USB	(AB/MPJ)
E11	20-1	1910	10487	Fri	613/00	USB	(AB-POL)
E11	21-1	0700	5371	Sat	491/00	USB	(AB)
E11	21-1	1430	13363	Sat	917/00	USB	(AB)
E11	21-1	1910	4505	Sat	395/00	USB	(AB)
E11	22-1	0600	7850	Sun	359/00	USB	(AB-POL)
E11	22-1	0700	5371	Sun	497/00	USB	(AB)
E11	22-1	1605	5432	Sun	230/00	USB	(AB)
E11	22-1	1745	12924	Sun	242/00	USB	(AB)
E11	22-1	1910	10487	Sun	616/00	USB	(AB-POL)
E11	22-1	2000	5082	Sun	524/00	USB	(AB)
E11	23-1	0450	4909	Mon	413/00	USB	(AB)
E11	23-1	0715	11104	Mon	753/00	USB	(AB)
E11	23-1	0745	10213	Mon	269/00	USB	(AB)
E11	23-1	0830	14940	Mon	189/00	USB	(AB)
E11	23-1	0900	11092	Mon	535/00	USB	(AB)
E11	23-1	1900	6849	Mon	640/00	USB	(AB)
E11	24-1	0505	12153	Tue	335/00	USB	(AB-POL)
E11	24-1	0645	7840	Tue	518/00	USB	(AB)
E11	24-1	0715	9130	Tue	639/00	USB	(AB)
E11	24-1	0745	13908	Tue	224/00	USB	(AB)
E11	24-1	0820	14611	Tue	135/00	USB	(AB/RL)
E11	24-1	0845	17378	Tue	150/00	USB	(AB/RL)
E11	24-1	1000	9079	Tue	308/00	USB	(AB)
E11	24-1	1430	13363	Tue	914/00	USB	(AB)
E11	24-1	1605	5432	Tue	232/00	USB	(AB)
E11	25-1	0315	9052	Wed	252/00	USB	(Time)
E11	25-1	0715	11104	Wed	759/00	USB	(AB)
E11	25-1	0745	17378	Wed	347/00	USB	(AB)

E11	25-1	0820	14611	Wed	130/00	USB	(AB)
E11	25-1	0900	11092	Wed	533/00	USB	(AB)
E11	25-1	0930	7469	Wed	277/00	USB	(AB)
E11	25-1	1715	5082	Wed	970/00	USB	(AB)
E11	26-1	0315	9052	Thu	255/00	USB	(Time)
E11	26-1	0505	12153	Thu	335/00	USB	(AB-POL)
E11	26-1	0645	7840	Thu	519/00	USB	(AB)
E11	26-1	0745	13908	Thu	229/00	USB	(AB)
E11	26-1	0820	5149	Thu	430/00	USB	(AB)
E11	26-1	0845	17378	Thu	151/00	USB	(AB/RL)
E11	26-1	0930	7469	Thu	279/00	USB	(AB)
E11	26-1	1530	5409	Thu	268/00	USB	(AB-POL)
E11	26-1	1730	5779	Thu	410/00	USB	(AB)
E11	26-1	1900	6849	Thu	644/00	USB	(AB-POL)
E11	26-1	2000	5082	Thu	524/00	USB	(AB)
E11	27-1	0600	7850	Fri	353/00	USB	(AB)
E11	27-1	0715	9130	Fri	637/00	USB	(AB)
E11	27-1	0745	17378	Fri	342/00	USB	(AB)
E11	27-1	0820	5149	Fri	431/00	USB	(AB)
E11	27-1	0830	14940	Fri	183/00	USB	(AB/RL)
E11	27-1	1000	9079	Fri	306/00	USB	(AB)
E11	27-1	1715	5082	Fri	978/00	USB	(AB/MPJ)
E11	27-1	1815	6849	Fri	925/00	USB	(AB/MPJ)
E11	27-1	1910	10487	Fri	612/00	USB	(AB-POL)
E11	28-1	1430	13363	Sat	917/00	USB	(AB)
E11	28-1	1530	4909	Sat	367/00	USB	(AB)
E11	29-1	0600	7850	Sun	353/00	USB	(AB-POL)
E11	29-1	1530	4909	Sun	360/00	USB	(AB/MPJ)
E11	29-1	1605	5432	Sun	230/00	USB	(AB/MPJ)
E11	29-1	1815	6849	Sun	920/00	USB	(AB)
E11	29-1	1910	10487	Sun	610/00	USB	(AB)
E11	29-1	2000	5082	Sun	524/00	USB	(AB)
E11	30-1	0450	4909	Mon	418/00	USB	(AB)
E11	30-1	0640	16005	Mon	942/00	USB	(AB)
E11	30-1	0715	11104	Mon	753/00	USB	(AB)
E11	30-1	0745	10213	Mon	260/00	USB	(AB)
E11	30-1	0830	14940	Mon	189/00	USB	(AB)
E11	30-1	0845	12067	Mon	710/00	USB	(AB)
E11	30-1	0900	11092	Mon	538/00	USB	(AB)
E11	30-1	1045	11100	Mon	694/00	USB	(AB)
E11	30-1	1300	4909	Mon	313/00	USB	(AB-POL)
E11	30-1	1745	12924	Mon	246/00	USB	(AB-POL)

E11	30-1	1900	6849	Mon	643/00	USB	(AB)
E11	31-1	0505	12153	Tue	337/00	USB	(AB-POL)
E11	31-1	0645	7840	Tue	514/00	USB	(AB)
E11	31-1	0700	6804	Tue	577/00	USB	(AB)
E11	31-1	0715	9130	Tue	637/00	USB	(AB)
E11	31-1	0745	13908	Tue	220/00	USB	(AB)
E11	31-1	0820	14611	Tue	135/00	USB	(AB)
E11	31-1	0845	17378	Tue	159/00	USB	(AB/RL)
E11	31-1	1000	9079	Tue	300/00	USB	(AB)
E11	31-1	1205	6433	Tue	462/00	USB	(AB-POL/MPJ-HOL)
E11	31-1	1430	13363	Tue	912/00	USB	(AB/RL)
E11	31-1	1605	5432	Tue	233/00	USB	(AB)
E11a	1-1	2000	5082	Sun	527/00	USB	(AB)
E11a	2-1	0715	11104	Mon	751/32 Attention 59791 19345 23547 ... 10102 44319 05098 Attention (msg repeated) Out	USB	(AB)
E11a	2-1	0745	10213	Mon	261/39 Attention 06859 34402 68187 ... 00552 71439 53354 Attention (msg repeated) Out	USB	(AB)
E11a	3-1	0745	13908	Tue	220/35 Attention 55981 63248 95436 ... 56794 70136 62785 Attention (msg repeated) Out	USB	(AB)
E11a	4-1	0315	9052	Wed	259/38 Attention 04873 40887 90841 ... 01218 16637 41588 Attention (msg repeated) Out	USB	(AB-POL)
E11a	4-1	0715	11104	Wed	751/32 Attention 59791 19345 23547 ... 10102 44319 05098 Attention (msg repeated) Out	USB	(AB)
E11a	4-1	0745	17378	Wed	349/36 Attention 03161 66556 91193 ... 83383 81648 10412 Attention (msg repeated) Out	USB	(AB)
E11a	4-1	1715	5082	Wed	974/31 Attention 08415 06270 05772 ... 70405 31859 92373 Attention (msg repeated) Out	USB	(AB)
E11a	5-1	0315	9052	Thu	259/38 Attention 04873 40887 90841 ... 01218 16637 41588 Attention (msg repeated) Out	USB	(AB-POL)
E11a	5-1	0745	13908	Thu	220/35 Attention 55981 63248 95436 ... 56794 70136 62785 Attention (msg repeated) Out	USB	(AB)
E11a	5-1	1530	5409	Thu	261/39 Attention 06859 34402 68187 ... 00552 71439 53354 Attention (msg repeated) Out	USB	(AB/MPJ)
E11a	6-1	0600	7850	Fri	351/33 Attention 57584 91679 55300 ... 70442 98678 99306 Attention (msg repeated) Out	USB	(AB)
E11a	6-1	0745	17378	Fri	349/36 Attention 03161 66556 91193 ... 83383 81648 10412 Attention (msg repeated) Out	USB	(AB)
E11a	6-1	1715	5082	Fri	974/31 Attention 08415 06270 05772 ... 70405 31859 92373 Attention (msg repeated) Out	USB	(AB/MPJ)
E11a	6-1	1910	10487	Fri	610/35 Attention 11050 14637 85364 ... 72988 85104 94192 Attention (msg repeated) Out	USB	(AB-POL/MPJ)
E11a	8-1	0600	7850	Sun	351/33 Attention 57584 91679 55300 ... 70442 98678 99306 Attention (msg repeated) Out	USB	(AB-POL)
E11a	8-1	1910	10487	Sun	610/35 Attention 11050 14637 85364 ... 72988 85104 94192 Attention (msg repeated) Out	USB	(AB-POL)
E11a	9-1	0830	14940	Mon	189/35 Attention 00918 90730 66317 ... 19189 60835 90349 Attention (msg repeated) Out	USB	(AB)
E11a	9-1	0900	11092	Mon	535/36 Attention 19434 14481 62477 ... 05067 75996 35817 Attention (msg repeated) Out	USB	(AB)
E11a	9-1	1900	6849	Mon	640/36 Attention 42453 23760 61614 ... 02075 53300 68508 Attention (msg repeated) Out	USB	(AB/MPJ)
E11a	10-1	0505	12153	Tue	330/33 Attention 84764 80315 10912 ... 10824 12388 80485 Attention (msg repeated) Out	USB	(AB-CYP)
E11a	10-1	0645	7840	Tue	518/31 Attention 04979 72462 13639 ... 22768 46126 53781 Attention (msg repeated) Out	USB	(AB)
E11a	10-1	1430	13363	Tue	919/38 Attention 63864 96311 55702 ... 81815 99353 51222 Attention (msg repeated) Out	USB	(AB)
E11a	10-1	1605	5432	Tue	232/32 Attention 35077 72086 82133 ... 18514 63077 22766 Attention (msg repeated) Out	USB	(AB)
E11a	11-1	0900	11092	Wed	535/36 Attention 19434 14481 62477 ... 05067 75996 35817 Attention (msg repeated) Out	USB	(AB)
E11a	12-1	0505	12153	Thu	330/33 Attention 84764 80315 10912 ... 10824 12388 80485 Attention (msg repeated) Out	USB	(AB-CYP)
E11a	12-1	0645	7840	Thu	518/31 Attention 04979 72462 13639 ... 22768 46126 53781 Attention (msg repeated) Out	USB	(AB)
E11a	12-1	1730	5779	Thu	413/33 Attention 38454 61940 61023 ... 46742 08476 55089 Attention (msg repeated) Out	USB	(AB/MPJ)
E11a	12-1	1900	6849	Thu	640/36 Attention 42453 23760 61614 ... 02075 53300 68508 Attention (msg repeated) Out	USB	(AB/MPJ)
E11a	12-1	2000	5082	Thu	522/39 Attention 23494 02413 40269 ... 87824 03906 14174 Attention (msg repeated) Out	USB	(AB)

E11a	13-1	0830	14940	Fri	189/35 Attention 00918 90730 66317 ... 19189 60835 90349 Attention (msg repeated) Out	USB	(AB)
E11a	14-1	1425	7439	Sat	121/27 Attention 67687 58735 80024 ... 75096 96897 65364 Attention (msg reported) Out	USB	(linkz)
E11a	14-1	1430	13363	Sat	919/38 Attention 63864 96311 55702 ... 81815 99353 51222 Attention (msg repeated) Out	USB	(AB/MPJ)
E11a	15-1	1605	5432	Sun	232/32 Attention 35077 72086 82133 ... 18514 63077 22766 Attention (msg repeated) Out	USB	(AB/MPJ)
E11a	15-1	2000	5082	Sun	522/39 Attention 23494 02413 40269 ... 87824 03906 14174 Attention (msg repeated) Out	USB	(AB)
E11a	17-1	0715	9130	Tue	630/34 Attention 62195 89051 44934 ... 89631 25232 35009 Attention (msg repeated) Out	USB	(AB)
E11a	17-1	0820	14611	Tue	138/37 Attention 35285 51679 64456 ... 23223 26945 18656 Attention (msg repeated) Out	USB	(AB)
E11a	17-1	0845	17378	Tue	154/29 Attention 38814 21905 89938 ... 08985 44849 30286 Attention (msg repeated) Out	USB	(AB/RL)
E11a	17-1	1000	9079	Tue	309/36 Attention 83018 22234 23008 ... 05962 91752 70248 Attention (msg repeated) Out	USB	(AB)
E11a	18-1	0820	14611	Wed	138/37 Attention 35285 51679 64456 ... 23223 26945 18656 Attention (msg repeated) Out	USB	(AB)
E11a	18-1	0930	7469	Wed	277/31 Attention 37435 89996 43643 ... 21742 51386 33912 Attention (msg repeated) Out	USB	(AB)
E11a	19-1	0820	5149	Thu	430/40 Attention 26632 06909 49114 ... 60409 49919 78629 Attention (msg repeated) Out	USB	(AB)
E11a	19-1	0845	17378	Thu	154/29 Attention 38814 21905 89938 ... 08985 44849 30286 Attention (msg repeated) Out	USB	(AB)
E11a	19-1	0930	7469	Thu	277/31 Attention 37435 89996 43643 ... 21742 51386 33912 Attention (msg repeated) Out	USB	(AB)
E11a	20-1	0715	9130	Fri	630/34 Attention 62195 89051 44934 ... 89631 25232 35009 Attention (msg repeated) Out	USB	(AB)
E11a	20-1	0820	5149	Fri	430/40 Attention 26632 06909 49114 ... 60409 49919 78629 Attention (msg repeated) Out	USB	(AB)
E11a	20-1	1000	9079	Fri	309/36 Attention 83018 22234 23008 ... 05962 91752 70248 Attention (msg repeated) Out	USB	(AB)
E11a	20-1	1815	6849	Fri	929/32 Attention 62334 37289 24117 ... 36664 71394 01880 Attention (msg repeated) Out	USB	(AB/MPJ)
E11a	21-1	1530	4909	Sat	364/40 Attention 70055 67069 34532 ... 54121 52209 27922 Attention (msg repeated) Out	USB	(AB)
E11a	22-1	1530	4909	Sun	364/40 Attention 70055 67069 34532 ... 54121 52209 27922 Attention (msg repeated) Out	USB	(AB)
E11a	22-1	1815	6849	Sun	929/32 Attention 62334 37289 24117 ... 36664 71394 01880 Attention (msg repeated) Out	USB	(AB)
E11a	23-1	0640	16005	Mon	946/40 Attention 38637 79746 94630 ... 94910 67987 08863 Attention (msg repeated) Out	USB	(AB)
E11a	23-1	0845	12067	Mon	715/39 Attention 51175 80055 90444 ... 06483 32036 25925 Attention (msg repeated) Out	USB	(AB)
E11a	23-1	1045	11100	Mon	691/37 Attention 61075 03093 41150 ... 87127 19917 17178 Attention (msg repeated) Out	USB	(AB)
E11a	23-1	1300	4909	Mon	312/38 Attention 32890 65802 36912 ... 45071 55939 93536 Attention (msg repeated) Out	USB	(AB-POL)
E11a	23-1	1745	12924	Mon	242/30 Attention 34837 55750 46753 ... 54011 40577 51218 Attention (msg repeated) Out	USB	(AB)
E11a	24-1	0700	6804	Tue	571/34 Attention 49137 12605 88433 ... 31629 37514 99398 Attention (msg repeated) Out	USB	(AB)
E11a	24-1	1205	6433	Tue	465/38 Attention 33902 62869 57781 ... 76653 86106 23742 Attention (msg repeated) Out	USB	(AB-POL)
E11a	25-1	0640	16005	Wed	946/40 Attention 38637 79746 94630 ... 94910 67987 08863 Attention (msg repeated) Out	USB	(AB)
E11a	25-1	0845	12067	Wed	715/39 Attention 51175 80055 90444 ... 06483 32036 25925 Attention (msg repeated) Out	USB	(AB)
E11a	25-1	1045	11100	Wed	691/37 Attention 61075 03093 41150 ... 87127 19917 17178 Attention (msg repeated) Out	USB	(AB)
E11a	25-1	1205	6433	Wed	465/38 Attention 33902 62869 57781 ... 76653 86106 23742 Attention (msg repeated) Out	USB	(AB-POL)
E11a	25-1	1910	4505	Wed	394/31 Attention 84059 18338 05979 ... 00619 44738 07535 Attention (msg repeated) Out	USB	(AB)
E11a	26-1	1300	4909	Thu	312/38 Attention 32890 65802 36912 ... 45071 55939 93536 Attention (msg repeated) Out	USB	(AB-POL)
E11a	27-1	0700	6804	Fri	571/34 Attention 49137 12605 88433 ... 31629 37514 99398 Attention (msg repeated) Out	USB	(AB)
E11a	28-1	0700	5371	Sat	490/40 Attention 83613 25587 16538 ... 78954 31277 35101 Attention (msg repeated) Out	USB	(AB)
E11a	28-1	1910	4505	Sat	394/31 Attention 84059 18338 05979 ... 00619 44738 07535 Attention (msg repeated) Out	USB	(AB/MPJ)
E11a	29-1	0700	5371	Sun	490/40 Attention 83613 25587 16538 ... 78954 31277 35101 Attention (msg repeated) Out	USB	(AB)
E11a	29-1	1745	12924	Sun	242/30 Attention 34837 55750 46753 ... 54011 40577 51218 Attention (msg repeated) Out	USB	(AB/MPJ)
EGY	1-1	0818	16355	Sun	99910: MFA Cairo wkg 11103: Egyptian embassy Berne	CODAN-3012	(AB)
F01	2-1	1015	11079	Mon	Russian diplo/intel. 71443 14604 45750 ... 86935 03174 57409 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS/HFD-RUS)
F01	2-1	1025	9162	Mon	Russian diplo/intel. 71443 14604 45750 ... 86935 03174 57409 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS/HFD-RUS)

F01	2-1	1035	7509	Mon	Russian diplo/intel. 71443 14604 45750 ... 86935 03174 57409 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS/HFD-RUS)
F01	3-1	1015	11079	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	3-1	1025	9162	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	3-1	1035	7509	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	4-1	1015	11079	Wed	Russian diplo/intel. 78538 98953 30481 ... 41077 05032 60433 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	4-1	1025	9162	Wed	Russian diplo/intel. 78538 98953 30481 ... 41077 05032 60433 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	4-1	1035	7509	Wed	Russian diplo/intel. 78538 98953 30481 ... 41077 05032 60433 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	4-1	1940	7629	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	4-1	1950	6783	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	4-1	2000	4034	Wed	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB/HFD)
F01	5-1	1015	11079	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	5-1	1025	9162	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	5-1	1035	7509	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	5-1	1850	5089	Thu	Russian diplo/intel. Message	FSK 200/500	(Pof)
F01	5-1	1900	7337	Thu	Russian diplo/intel. Message	FSK 200/500	(Priyom)
F01	5-1	1910	9481	Thu	Russian diplo/intel. Message	FSK 200/500	(Priyom)
F01	6-1	1015	11079	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	6-1	1025	9162	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	6-1	1035	7509	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	9-1	1015	11079	Mon	Russian diplo/intel. 45455 97929 97715 ... 49941 43488 63417 00000 +++++	FSK 200/500	(AB-RUS)
F01	9-1	1025	9162	Mon	Russian diplo/intel. 45455 97929 97715 ... 49941 43488 63417 00000 +++++	FSK 200/500	(AB-RUS)
F01	9-1	1035	7509	Mon	Russian diplo/intel. 45455 97929 97715 ... 49941 43488 63417 00000 +++++	FSK 200/500	(AB-RUS)
F01	10-1	1015	11079	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	10-1	1025	9162	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	10-1	1035	7509	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	11-1	1015	11079	Wed	Russian diplo/intel. 87441 34554 65705 ... 71740 05632 66441 00000 +++++	FSK 200/500	(AB-RUS)
F01	11-1	1025	9162	Wed	Russian diplo/intel. 87441 34554 65705 ... 71740 05632 66441 00000 +++++	FSK 200/500	(AB-RUS)
F01	11-1	1035	7509	Wed	Russian diplo/intel. 87441 34554 65705 ... 71740 05632 66441 00000 +++++	FSK 200/500	(AB-RUS)
F01	12-1	1015	11079	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	12-1	1025	9162	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	12-1	1035	7509	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	13-1	1015	11079	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	13-1	1025	9162	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	13-1	1035	7509	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	16-1	1015	11079	Mon	Russian diplo/intel. 16577 90876 68719 ... 99201 66647 69421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	16-1	1025	9162	Mon	Russian diplo/intel. 16577 90876 68719 ... 99201 66647 69421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	16-1	1035	7509	Mon	Russian diplo/intel. 16577 90876 68719 ... 99201 66647 69421 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	17-1	1015	11079	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	17-1	1025	9162	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	17-1	1035	7509	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	18-1	1015	11079	Wed	Russian diplo/intel. 61061 85141 86531 ... 47887 43768 72411 00000 +++++	FSK 200/500	(AB-RUS)
F01	18-1	1025	9162	Wed	Russian diplo/intel. 61061 85141 86531 ... 47887 43768 72411 00000 +++++	FSK 200/500	(AB-RUS)

F01	18-1	1035	7509	Wed	Russian diplo/intel. 61061 85141 86531 ... 47887 43768 72411 00000 +++++	FSK 200/500	(AB-RUS)
F01	19-1	1015	11079	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	19-1	1025	9162	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	19-1	1035	7509	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	20-1	1015	11079	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	20-1	1025	9162	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	20-1	1035	7509	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	23-1	1015	11079	Mon	Russian diplo/intel. 77902 62443 76634 ... 94668 76662 75423 00000 +++++	FSK 200/500	(AB)
F01	23-1	1025	9162	Mon	Russian diplo/intel. 77902 62443 76634 ... 94668 76662 75423 00000 +++++	FSK 200/500	(AB-RUS)
F01	23-1	1035	7509	Mon	Russian diplo/intel. 77902 62443 76634 ... 94668 76662 75423 00000 +++++	FSK 200/500	(AB-RUS)
F01	24-1	1015	11079	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	24-1	1025	9162	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	24-1	1035	7509	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	25-1	1015	11079	Wed	Russian diplo/intel. 61061 85141 86531 ... 47887 43768 78411 00000 +++++	FSK 200/500	(AB-RUS)
F01	25-1	1025	9162	Wed	Russian diplo/intel. 61061 85141 86531 ... 47887 43768 78411 00000 +++++	FSK 200/500	(AB-RUS)
F01	25-1	1035	7509	Wed	Russian diplo/intel. 61061 85141 86531 ... 47887 43768 78411 00000 +++++	FSK 200/500	(AB-RUS)
F01	26-1	1015	11079	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	26-1	1025	9162	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	26-1	1035	7509	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	27-1	1015	11079	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	27-1	1025	9162	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	27-1	1035	7509	Fri	Russian diplo/intel. 5761 00000 +++++ +++++	FSK 200/500	(AB-RUS)
F01	30-1	1015	11079	Mon	Russian diplo/intel. 58942 28473 08006 ... 14940 52878 81415 00000 +++++ +++++ +++++	FSK 200/500	(AB)
F01	30-1	1025	9162	Mon	Russian diplo/intel. 58942 28473 08006 ... 14940 52878 81415 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	30-1	1035	7509	Mon	Russian diplo/intel. 58942 28473 08006 ... 14940 52878 81415 00000 +++++ +++++ +++++	FSK 200/500	(AB-RUS)
F01	31-1	1015	11079	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	31-1	1025	9162	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	31-1	1035	7509	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F02	9-1	0830	12173	Mon	Russian domestic net. QSX 13856 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	9-1	0830	13856	Mon	Russian domestic net. QSX 12173 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	9-1	0900	16083	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	10-1	0705	18449	Tue	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	10-1	0830	15626	Tue	Russian domestic net. QSX 16166 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	10-1	0830	16166	Tue	Russian domestic net. QSX 15626 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	16-1	0830	12173	Mon	Russian domestic net. QSX 13856 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	16-1	0830	13856	Mon	Russian domestic net. QSX 12173 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	16-1	0900	16083	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	17-1	0720	16312	Tue	Russian domestic net. QSX 18449 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	17-1	0720	18449	Tue	Russian domestic net. QSX 16312 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	17-1	0830	15626	Tue	Russian domestic net. QSX 16166 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	17-1	0830	16166	Tue	Russian domestic net. QSX 15626 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	20-1	0830	15626	Fri	Russian domestic net. QSX 16166 kHz	MFSK-4/150Bd/4000Hz	(AB)

F02	20-1	0830	16166	Fri	Russian domestic net. QSX 15626 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	23-1	0830	12173	Mon	Russian domestic net. QSX 13856 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	23-1	0830	13856	Mon	Russian domestic net. QSX 12173 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	23-1	0900	16083	Mon	Russian domestic net	MFSK-4/150Bd/4000Hz	(AB)
F02	24-1	0700	16312	Tue	Russian domestic net. QSX 18449 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	24-1	0700	18449	Tue	Russian domestic net. QSX 16312 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	24-1	0830	15626	Tue	Russian domestic net. QSX 16166 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	24-1	0830	16166	Tue	Russian domestic net. QSX 15626 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	27-1	0830	15626	Fri	Russian domestic net. QSX 16166 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	27-1	0830	16166	Fri	Russian domestic net. QSX 15626 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	31-1	0700	16312	Tue	Russian domestic net. QSX 18449 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	31-1	0700	18449	Tue	Russian domestic net. QSX 16312 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	31-1	0830	15626	Tue	Russian domestic net. QSX 16166 kHz	MFSK-4/150Bd/4000Hz	(AB)
F02	31-1	0830	16166	Tue	Russian domestic net. QSX 15626 kHz	MFSK-4/150Bd/4000Hz	(AB)
F03	3-1	0635	14415	Tue	Polish intel.	FSK	(AB)
F03	3-1	0640	14415	Tue	Polish intel.	FSK	(AB)
F03	10-1	0635	14415	Tue	Polish intel.	FSK	(AB)
F03	10-1	0640	14415	Tue	Polish intel.	FSK	(AB)
F03	17-1	0635	14415	Tue	Polish intel.	FSK	(AB)
F03	17-1	0640	14415	Tue	Polish intel.	FSK	(AB)
F03	24-1	0635	14415	Tue	Polish intel.	FSK	(AB)
F03	24-1	0640	14415	Tue	Polish intel.	FSK	(AB)
F03	31-1	0635	14415	Tue	Polish intel.	FSK	(AB)
F03	31-1	0640	14415	Tue	Polish intel.	FSK	(AB)
F03j	1-1	0135	5779	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	1-1	0140	5779	Sun	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-1	0135	5779	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	2-1	0140	5779	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/PY)
F03j	2-1	0810	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-1	0815	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-1	1010	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	2-1	1015	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-1	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-1	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	3-1	1500	8091	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	3-1	1505	8091	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	4-1	0915	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-1	0920	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-1	1010	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	4-1	1015	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-1	0915	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	5-1	0920	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	6-1	0810	12089	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-1	0815	12089	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-1	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-1	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6-1	1500	8091	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	6-1	1505	8091	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	9-1	0810	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-1	0815	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-1	1010	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	9-1	1015	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-1	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-1	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-1	1500	8091	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	10-1	1505	8091	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-1	0915	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-1	0920	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-1	1010	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	11-1	1015	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-1	0915	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12-1	0920	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-1	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-1	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-1	1500	8091	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	13-1	1505	8091	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-1	0810	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-1	0815	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-1	1010	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	16-1	1015	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-1	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-1	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17-1	1500	8091	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	17-1	1505	8091	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	18-1	0915	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-1	0920	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-1	1010	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18-1	1015	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-1	0915	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	19-1	0920	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-1	0810	12089	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-1	0815	12089	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-1	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-1	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	20-1	1500	8091	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	20-1	1505	8091	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-1	0810	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-1	0815	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-1	1010	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	23-1	1015	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-1	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-1	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-1	1500	8091	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	24-1	1505	8091	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-1	0915	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-1	0920	5946	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-1	1010	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	25-1	1015	12089	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-1	0915	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	26-1	0920	5946	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-1	0810	12089	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-1	0815	12089	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-1	0850	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-1	0855	9339	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	27-1	1500	8091	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	27-1	1505	8091	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	30-1	0810	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-1	0815	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-1	1010	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	30-1	1015	12089	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	31-1	0810	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	31-1	0815	9339	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	31-1	1500	8091	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03j	31-1	1505	8091	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB/MPJ)
F03l	1-1	0735	8800	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB/PY)
F03l	1-1	0740	8800	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB/PY)
F03l	1-1	1335	8800	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB/PY)
F03l	1-1	1340	8800	Sun	Polish intel.	FSK-2 100Bd/200Hz	(AB/PY)
F03l	2-1	0615	9240	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03l	2-1	0620	9240	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03l	2-1	0630	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	2-1	0635	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	2-1	0735	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/PY)
F03l	2-1	0740	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB/PY)
F03l	2-1	0930	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03l	2-1	0935	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	2-1	0950	11116	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	2-1	0955	11116	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	2-1	1030	8680	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	2-1	1035	8680	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	3-1	0615	8305	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	3-1	0620	8305	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	3-1	0835	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	3-1	0840	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	3-1	0945	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	3-1	0950	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	3-1	1100	6280	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	3-1	1105	6280	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	3-1	1335	8800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(MPJ)
F03I	3-1	1340	8800	Tue	Polish intel.	FSK-2 100Bd/200Hz	(MPJ)
F03I	4-1	0615	9240	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	4-1	0620	9240	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	4-1	0630	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	4-1	0635	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	4-1	0950	11116	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	4-1	0955	11116	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	4-1	1030	8680	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	4-1	1035	8680	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	4-1	1100	6280	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	4-1	1105	6280	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5-1	0615	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5-1	0620	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5-1	0635	14415	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5-1	0640	14415	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5-1	0735	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5-1	0740	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5-1	0800	5082	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5-1	0805	5082	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5-1	0835	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	5-1	0840	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6-1	0800	5082	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6-1	0805	5082	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6-1	0930	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6-1	0935	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6-1	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6-1	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	6-1	1335	8800	Fri	Polish intel.	FSK-2 100Bd/200Hz	(MPJ)
F03I	6-1	1340	8800	Fri	Polish intel.	FSK-2 100Bd/200Hz	(MPJ)

F03I	9-1	0615	9240	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	9-1	0620	9240	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	9-1	0630	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9-1	0635	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9-1	0735	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9-1	0740	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9-1	0930	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9-1	0935	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9-1	0950	11116	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9-1	0955	11116	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9-1	1030	8680	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	9-1	1035	8680	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10-1	0615	8305	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10-1	0620	8305	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10-1	0835	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz	(RL)
F03I	10-1	0840	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz	(RL)
F03I	10-1	0945	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10-1	0950	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	10-1	1100	6280	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	10-1	1105	6280	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	11-1	0615	9240	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11-1	0620	9240	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11-1	0630	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11-1	0635	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11-1	0950	11116	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11-1	0955	11116	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11-1	1030	8680	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11-1	1035	8680	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11-1	1100	6280	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	11-1	1105	6280	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12-1	0615	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12-1	0620	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12-1	0635	14415	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12-1	0640	14415	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12-1	0720	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12-1	0725	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12-1	0735	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12-1	0740	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12-1	0800	5082	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12-1	0805	5082	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	12-1	0835	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/RL)
F03I	12-1	0840	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	13-1	0800	5082	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13-1	0805	5082	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13-1	0930	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13-1	0935	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13-1	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	13-1	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	16-1	0615	9240	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	16-1	0620	9240	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	16-1	0630	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	16-1	0635	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	16-1	0735	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	16-1	0740	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	16-1	0930	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	16-1	0935	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	16-1	0950	11116	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	16-1	0955	11116	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	16-1	1030	8680	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	16-1	1035	8680	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	17-1	0835	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/RL)
F03I	17-1	0840	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/RL)
F03I	17-1	0945	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	17-1	0950	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	17-1	1100	6280	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	17-1	1105	6280	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	18-1	0615	9240	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18-1	0620	9240	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18-1	0630	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18-1	0635	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18-1	0950	11116	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18-1	0955	11116	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18-1	1030	8680	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18-1	1035	8680	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18-1	1100	6280	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	18-1	1105	6280	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	19-1	0615	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	19-1	0620	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	19-1	0635	14415	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	19-1	0640	14415	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	19-1	0720	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	19-1	0725	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	19-1	0735	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	19-1	0740	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	19-1	0800	5082	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	19-1	0805	5082	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	19-1	0835	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	19-1	0840	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	20-1	0800	5082	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	20-1	0805	5082	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	20-1	0930	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	20-1	0935	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	20-1	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	20-1	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	23-1	0615	9240	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	23-1	0620	9240	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	23-1	0630	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	23-1	0635	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	23-1	0735	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	23-1	0740	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	23-1	0930	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	23-1	0935	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	23-1	0950	11116	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	23-1	0955	11116	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	23-1	1030	8680	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	23-1	1035	8680	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	24-1	0725	8305	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	24-1	0740	8305	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	24-1	0835	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/RL)
F03I	24-1	0840	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/RL)
F03I	24-1	0945	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	24-1	0950	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	24-1	1100	6280	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	24-1	1105	6280	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	25-1	0615	9240	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	25-1	0620	9240	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	25-1	0630	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	25-1	0635	13424	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	25-1	0950	11116	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	25-1	0955	11116	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	25-1	1030	8680	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	25-1	1035	8680	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	25-1	1100	6280	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	25-1	1105	6280	Wed	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	26-1	0615	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	26-1	0620	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)

F03I	26-1	0635	14415	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	26-1	0640	14415	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	26-1	0720	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	26-1	0725	8305	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	26-1	0735	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	26-1	0740	8800	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	26-1	0800	5082	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	26-1	0805	5082	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	26-1	0835	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/RL)
F03I	26-1	0840	17120	Thu	Polish intel.	FSK-2 100Bd/200Hz	(AB/RL)
F03I	27-1	0800	5082	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	27-1	0805	5082	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	27-1	0930	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	27-1	0935	6304	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	27-1	0945	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	27-1	0950	6480	Fri	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	30-1	0615	9240	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	30-1	0620	9240	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	30-1	0630	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	30-1	0635	13424	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	30-1	0735	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	30-1	0740	8800	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	30-1	0930	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	30-1	0935	6304	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	30-1	0950	11116	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	30-1	0955	11116	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	30-1	1030	8680	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	30-1	1035	8680	Mon	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	31-1	0615	8305	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	31-1	0620	8305	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	31-1	0725	8305	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	31-1	0740	8305	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB)
F03I	31-1	0835	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/RL)
F03I	31-1	0840	17120	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB/RL)
F03I	31-1	0945	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	31-1	0950	6480	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	31-1	1100	6280	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F03I	31-1	1105	6280	Tue	Polish intel.	FSK-2 100Bd/200Hz	(AB-POL)
F06	1-1	1030	9481	Sun	Russian diplo/intel. 11100 00000 61973 30057 02239	FSK 200/1000	(PY)
F06	1-1	1040	7992	Sun	Russian diplo/intel. 11100 00000 61973 30057 02239	FSK 200/1000	(PY)
F06	1-1	1530	11525	Sun	Russian diplo/intel. 11166 10053 75362 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	1-1	1540	10437	Sun	Russian diplo/intel. 11166 10053 75362 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)

F06	1-1	1550	8137	Sun	Russian diplo/intel. 11166 10053 75362 01001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	2-1	0500	6925	Mon	Russian diplo/intel. 11166 70059 35481 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	2-1	0510	5235	Mon	Russian diplo/intel. 11166 70059 35481 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	2-1	0520	4528	Mon	Russian diplo/intel. 11166 70059 35481 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	2-1	0700	10294	Mon	Russian diplo/intel. 11166 70202 43168 30088 02179	FSK 200/1000	(AB)
F06	2-1	0710	8068	Mon	Russian diplo/intel. 11166 70202 43168 30088 02179	FSK 200/1000	(AB)
F06	2-1	0720	6769	Mon	Russian diplo/intel. 11166 70202 43168 30088 02179	FSK 200/1000	(AB)
F06	2-1	1200	10158	Mon	Russian diplo/intel. 11166 70202 43168 30088 02179	FSK 200/1000	(AB-RUS/MPJ-AUT)
F06	2-1	1210	8023	Mon	Russian diplo/intel. 11166 70202 43168 30088 02179	FSK 200/1000	(AB-RUS/MPJ-AUT)
F06	2-1	1220	6796	Mon	Russian diplo/intel. 11166 70202 43168 30088 02179	FSK 200/1000	(AB-RUS/MPJ-AUT)
F06	3-1	0030	10166	Tue	Russian diplo/intel. 11166 60070 85267 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-1	0040	9064	Tue	Russian diplo/intel. 11166 60070 85267 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-1	0050	8015	Tue	Russian diplo/intel. 11166 60070 85267 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-1	0700	10294	Tue	Russian diplo/intel. 11166 70202 86431 30089 02039 and 11166 70202 14735 30090 01859	FSK 200/1000	(AB)
F06	3-1	0710	8068	Tue	Russian diplo/intel. 11166 70202 86431 30089 02039 and 11166 70202 14735 30090 01859	FSK 200/1000	(AB)
F06	3-1	0720	6769	Tue	Russian diplo/intel. 11166 70202 86431 30089 02039 and 11166 70202 14735 30090 01859	FSK 200/1000	(AB)
F06	3-1	1200	10158	Tue	Russian diplo/intel. 11166 70202 86431 30089 02039 and 11166 70202 14735 30090 01859	FSK 200/1000	(AB-RUS/MPJ-AUT)
F06	3-1	1210	8023	Tue	Russian diplo/intel. 11166 70202 86431 30089 02039 and 11166 70202 14735 30090 01859	FSK 200/1000	(AB-RUS/MPJ-AUT)
F06	3-1	1220	6796	Tue	Russian diplo/intel. 11166 70202 86431 30089 02039 and 11166 70202 14735 30090 01859	FSK 200/1000	(AB-RUS/MPJ-AUT)
F06	3-1	1240	8165	Tue	Russian diplo/intel. 11166 30154 14785 03023 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	3-1	1250	6796	Tue	Russian diplo/intel. 11166 30154 14785 03023 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	3-1	1650	10651	Tue	Russian diplo/intel. 11166 10053 54879 03075 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	3-1	1700	8189	Tue	Russian diplo/intel. 11166 10053 54879 03075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	3-1	1710	7457	Tue	Russian diplo/intel. 11166 10053 54879 03075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	4-1	0600	20154	Wed	Russian diplo/intel. 11166 40122 64379 31036 03439	FSK 200/1000	(AB-RUS)
F06	4-1	0610	18304	Wed	Russian diplo/intel. 11166 40122 64379 31036 03439	FSK 200/1000	(AB-RUS)
F06	4-1	0620	16156	Wed	Russian diplo/intel. 11166 40122 64379 31036 03439	FSK 200/1000	(AB-RUS)
F06	4-1	0700	10294	Wed	Russian diplo/intel. 11166 70202 28156 30091 02799	FSK 200/1000	(AB)
F06	4-1	0710	8068	Wed	Russian diplo/intel. 11166 70202 28156 30091 02799	FSK 200/1000	(AB)
F06	4-1	0720	6769	Wed	Russian diplo/intel. 11166 70202 28156 30091 02799	FSK 200/1000	(AB)
F06	4-1	1200	10158	Wed	Russian diplo/intel. 11166 70202 28156 30091 02799	FSK 200/1000	(AB-RUS)
F06	4-1	1210	8023	Wed	Russian diplo/intel. 11166 70202 28156 30091 02799	FSK 200/1000	(AB-RUS)
F06	4-1	1220	6796	Wed	Russian diplo/intel. 11166 70202 28156 30091 02799	FSK 200/1000	(AB-RUS)
F06	5-1	0600	20154	Thu	Russian diplo/intel. 11166 40122 64379 31036 03439	FSK 200/1000	(AB-RUS)
F06	5-1	0610	18304	Thu	Russian diplo/intel. 11166 40122 64379 31036 03439	FSK 200/1000	(AB-RUS)
F06	5-1	0620	16156	Thu	Russian diplo/intel. 11166 40122 64379 31036 03439	FSK 200/1000	(AB-RUS)
F06	5-1	0700	10294	Thu	Russian diplo/intel. 11166 70202 39156 30092 01819 and 11166 70202 61284 30093 02299	FSK 200/1000	(AB)
F06	5-1	0710	8068	Thu	Russian diplo/intel. 11166 70202 39156 30092 01819 and 11166 70202 61284 30093 02299	FSK 200/1000	(AB-RUS)
F06	5-1	0720	6769	Thu	Russian diplo/intel. 11166 70202 39156 30092 01819 and 11166 70202 61284 30093 02299	FSK 200/1000	(AB-RUS)
F06	5-1	1200	10158	Thu	Russian diplo/intel. 11166 70202 39156 30092 01819 and 11166 70202 61284 30093 02299	FSK 200/1000	(AB)
F06	5-1	1210	8023	Thu	Russian diplo/intel. 11166 70202 39156 30092 01819 and 11166 70202 61284 30093 02299	FSK 200/1000	(AB-RUS)
F06	5-1	1220	6796	Thu	Russian diplo/intel. 11166 70202 39156 30092 01819 and 11166 70202 61284 30093 02299	FSK 200/1000	(AB-RUS)

F06	5-1	1340	12218	Thu	Russian diplo/intel. 11166 80214 64951 05046 00049 00000 00000 00000 00000	FSK 200/1000	(AB/EW)
F06	6-1	0700	10294	Fri	Russian diplo/intel. 11166 70202 75321 06075 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	6-1	0710	8068	Fri	Russian diplo/intel. 11166 70202 75321 06075 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	6-1	0720	6769	Fri	Russian diplo/intel. 11166 70202 75321 06075 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	6-1	1510	5089	Fri	Russian diplo/intel. 11100 00000 19738 06082 03029	FSK 200/1000	(Pof)
F06	6-1	1520	7337	Fri	Russian diplo/intel. 11100 00000 19738 06082 03029	FSK 200/1000	(Priyom)
F06	6-1	1530	9481	Fri	Russian diplo/intel. 11100 00000 19738 06082 03029	FSK 200/1000	(Priyom)
F06	7-1	1400	7482	Sat	Russian diplo/intel. 11100 00000 16957 30058 02799	FSK 200/1000	(AB)
F06	7-1	1410	5092	Sat	Russian diplo/intel. 11100 00000 16957 30058 02799	FSK 200/1000	(AB)
F06	7-1	1420	4043	Sat	Russian diplo/intel. 11100 00000 16957 30058 02799	FSK 200/1000	(AB)
F06	8-1	1030	9481	Sun	Russian diplo/intel. 11100 00000 16957 30058 02799	FSK 200/1000	(AB-RUS)
F06	8-1	1040	7992	Sun	Russian diplo/intel. 11100 00000 16957 30058 02799	FSK 200/1000	(AB-RUS)
F06	8-1	1050	5089	Sun	Russian diplo/intel. 11100 00000 16957 30058 02799	FSK 200/1000	(AB-RUS)
F06	8-1	1530	11525	Sun	Russian diplo/intel. 11166 10053 15973 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-1	1540	10437	Sun	Russian diplo/intel. 11166 10053 15973 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8-1	1550	8137	Sun	Russian diplo/intel. 11166 10053 15973 08001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9-1	0700	10294	Mon	Russian diplo/intel. 11166 70202 26195 30094 02939	FSK 200/1000	(AB)
F06	9-1	0710	8068	Mon	Russian diplo/intel. 11166 70202 26195 30094 02939	FSK 200/1000	(AB)
F06	9-1	0720	6769	Mon	Russian diplo/intel. 11166 70202 26195 30094 02939	FSK 200/1000	(AB)
F06	9-1	1200	10158	Mon	Russian diplo/intel. 11166 70202 26195 30094 02939	FSK 200/1000	(AB/MPJ)
F06	9-1	1210	8023	Mon	Russian diplo/intel. 11166 70202 26195 30094 02939	FSK 200/1000	(AB-RUS/MPJ)
F06	9-1	1220	6796	Mon	Russian diplo/intel. 11166 70202 26195 30094 02939	FSK 200/1000	(AB-RUS/MPJ)
F06	9-1	1620	5089	Mon	Russian diplo/intel. 11100 00000 14785 09083 03529	FSK 200/1000	(PY)
F06	9-1	1630	7337	Mon	Russian diplo/intel. 11100 00000 14785 09083 03529	FSK 200/1000	(PY)
F06	9-1	1640	9481	Mon	Russian diplo/intel. 11100 00000 14785 09083 03529	FSK 200/1000	(PY)
F06	9-1	1830	5089	Mon	Russian diplo/intel. 1 message, 40 blocks, no proper decode, apparently 11100 00000	FSK 200/1000	(Pof)
F06	9-1	1840	7337	Mon	Russian diplo/intel. 1 message, 40 blocks, no proper decode, apparently 11100 00000	FSK 200/1000	(Priyom)
F06	9-1	1850	9481	Mon	Russian diplo/intel. 1 message, 40 blocks, no proper decode, apparently 11100 00000	FSK 200/1000	(Priyom)
F06	10-1	0030	10166	Tue	Russian diplo/intel. 11166 60070 48576 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	10-1	0040	9064	Tue	Russian diplo/intel. 11166 60070 48576 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	10-1	0050	8015	Tue	Russian diplo/intel. 11166 60070 48576 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-POL)
F06	10-1	0700	10294	Tue	Russian diplo/intel. 11166 70202 85169 09095 01839 and 11166 70202 21764 09096 02319	FSK 200/1000	(AB)
F06	10-1	0710	8068	Tue	Russian diplo/intel. 11166 70202 85169 09095 01839 and 11166 70202 21764 09096 02319	FSK 200/1000	(AB)
F06	10-1	0720	6769	Tue	Russian diplo/intel. 11166 70202 85169 09095 01839 and 11166 70202 21764 09096 02319	FSK 200/1000	(AB)
F06	10-1	1200	10158	Tue	Russian diplo/intel. 11166 70202 85169 09095 01839 and 11166 70202 21764 09096 02319	FSK 200/1000	(AB)
F06	10-1	1210	8023	Tue	Russian diplo/intel. 11166 70202 85169 09095 01839 and 11166 70202 21764 09096 02319	FSK 200/1000	(AB-RUS)
F06	10-1	1220	6796	Tue	Russian diplo/intel. 11166 70202 85169 09095 01839 and 11166 70202 21764 09096 02319	FSK 200/1000	(AB-RUS)
F06	10-1	1650	10651	Tue	Russian diplo/intel. 11166 10053 85214 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-1	1700	8189	Tue	Russian diplo/intel. 11166 10053 85214 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10-1	1710	7457	Tue	Russian diplo/intel. 11166 10053 85214 10001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11-1	0600	20154	Wed	Russian diplo/intel. 11166 40122 74521 07037 03029 and 11166 40122 01478 07038 02319	FSK 200/1000	(AB-KOR)
F06	11-1	0610	18304	Wed	Russian diplo/intel. 11166 40122 74521 07037 03029 and 11166 40122 01478 07038 02319	FSK 200/1000	(AB-RUS)

F06	11-1	0620	16156	Wed	Russian diplo/intel. 11166 40122 74521 07037 03029 and 11166 40122 01478 07038 02319	FSK 200/1000	(AB-RUS)
F06	11-1	0700	10294	Wed	Russian diplo/intel. 11166 70202 67349 10097 02199	FSK 200/1000	(AB)
F06	11-1	0710	8068	Wed	Russian diplo/intel. 11166 70202 67349 10097 02199	FSK 200/1000	(AB)
F06	11-1	0720	6769	Wed	Russian diplo/intel. 11166 70202 67349 10097 02199	FSK 200/1000	(AB)
F06	11-1	1015	23877	Wed	Russian diplo/intel. 11166 40023 15963 11002 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	11-1	1025	19935	Wed	Russian diplo/intel. 11166 40023 15963 11002 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	11-1	1035	17523	Wed	Russian diplo/intel. 11166 40023 15963 11002 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	11-1	1200	10158	Wed	Russian diplo/intel. 11166 70202 67349 10097 02199	FSK 200/1000	(AB)
F06	11-1	1210	8023	Wed	Russian diplo/intel. 11166 70202 67349 10097 02199	FSK 200/1000	(AB-RUS)
F06	11-1	1220	6796	Wed	Russian diplo/intel. 11166 70202 67349 10097 02199	FSK 200/1000	(AB-RUS)
F06	11-1	1350	9933	Wed	Russian diplo/intel. 11166 80214 67298 12051 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	12-1	0600	20154	Thu	Russian diplo/intel. 11166 40122 74521 07037 03029 and 11166 40122 01478 07038 02319	FSK 200/1000	(AB-KOR)
F06	12-1	0610	18304	Thu	Russian diplo/intel. 11166 40122 74521 07037 03029 and 11166 40122 01478 07038 02319	FSK 200/1000	(AB-RUS)
F06	12-1	0620	16156	Thu	Russian diplo/intel. 11166 40122 74521 07037 03029 and 11166 40122 01478 07038 02319	FSK 200/1000	(AB-RUS)
F06	12-1	0700	10294	Thu	Russian diplo/intel. 11166 70202 62841 11098 01599 and 11166 70202 91735 11099 01739	FSK 200/1000	(AB)
F06	12-1	0710	8068	Thu	Russian diplo/intel. 11166 70202 62841 11098 01599 and 11166 70202 91735 11099 01739	FSK 200/1000	(AB-RUS)
F06	12-1	0720	6769	Thu	Russian diplo/intel. 11166 70202 62841 11098 01599 and 11166 70202 91735 11099 01739	FSK 200/1000	(AB-RUS)
F06	12-1	1200	10158	Thu	Russian diplo/intel. 11166 70202 62841 11098 01599 and 11166 70202 91735 11099 01739	FSK 200/1000	(AB)
F06	12-1	1210	8023	Thu	Russian diplo/intel. 11166 70202 62841 11098 01599 and 11166 70202 91735 11099 01739	FSK 200/1000	(AB-RUS)
F06	12-1	1220	6796	Thu	Russian diplo/intel. 11166 70202 62841 11098 01599 and 11166 70202 91735 11099 01739	FSK 200/1000	(AB-RUS/MPJ-FIN)
F06	12-1	1330	14471	Thu	Russian diplo/intel. 11166 80214 67298 12051 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	12-1	1340	12218	Thu	Russian diplo/intel. 11166 80214 67298 12051 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	13-1	0700	10294	Fri	Russian diplo/intel. 11100 70202 13456 13055 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13-1	0710	8068	Fri	Russian diplo/intel. 11100 70202 13456 13055 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	13-1	0720	6769	Fri	Russian diplo/intel. 11100 70202 13456 13055 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	13-1	1525	6957	Fri	Russian diplo/intel. 11100 00000 64738 13091 03029	FSK 200/1000	(Priyom)
F06	13-1	1535	9425	Fri	Russian diplo/intel. 11100 00000 64738 13091 03029	FSK 200/1000	(Priyom)
F06	13-1	1545	11611	Fri	Russian diplo/intel. 11100 00000 64738 13091 03029	FSK 200/1000	(linkz)
F06	14-1	1400	7482	Sat	Russian diplo/intel. 11100 00000 75924 13059 02179	FSK 200/1000	(AB-FIN)
F06	14-1	1410	5092	Sat	Russian diplo/intel. 11100 00000 75924 13059 02179	FSK 200/1000	(AB-POL)
F06	14-1	1420	4043	Sat	Russian diplo/intel. 11100 00000 75924 13059 02179	FSK 200/1000	(AB-POL)
F06	15-1	1030	9481	Sun	Russian diplo/intel. 11100 00000 75924 13059 02179	FSK 200/1000	(AB-RUS)
F06	15-1	1040	7992	Sun	Russian diplo/intel. 11100 00000 75924 13059 02179	FSK 200/1000	(AB-RUS)
F06	15-1	1050	5089	Sun	Russian diplo/intel. 11100 00000 75924 13059 02179	FSK 200/1000	(AB-RUS)
F06	15-1	1530	11525	Sun	Russian diplo/intel. 11166 10053 87254 13070 03349	FSK 200/1000	(AB/RL/PY)
F06	15-1	1540	10437	Sun	Russian diplo/intel. 11166 10053 87254 13070 03349	FSK 200/1000	(AB/PY)
F06	15-1	1550	8137	Sun	Russian diplo/intel. 11166 10053 87254 13070 03349	FSK 200/1000	(AB/PY)
F06	16-1	0500	6925	Mon	Russian diplo/intel. 11166 70059 36920 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	16-1	0510	5235	Mon	Russian diplo/intel. 11166 70059 36920 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	16-1	0520	4528	Mon	Russian diplo/intel. 11166 70059 36920 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	16-1	0700	10294	Mon	Russian diplo/intel. 11166 70202 58467 13001 02539	FSK 200/1000	(AB)
F06	16-1	0710	8068	Mon	Russian diplo/intel. 11166 70202 58467 13001 02539	FSK 200/1000	(AB)

F06	16-1	0720	6769	Mon	Russian diplo/intel. 11166 70202 58467 13001 02539	FSK 200/1000	(AB)
F06	16-1	1200	10158	Mon	Russian diplo/intel. 11166 70202 58467 13001 02539	FSK 200/1000	(AB-RUS)
F06	16-1	1210	8023	Mon	Russian diplo/intel. 11166 70202 58467 13001 02539	FSK 200/1000	(AB-RUS)
F06	16-1	1220	6796	Mon	Russian diplo/intel. 11166 70202 58467 13001 02539	FSK 200/1000	(AB-RUS)
F06	16-1	1530	11525	Mon	Russian diplo/intel. 11166 10053 87254 13070 03349	FSK 200/1000	(AB/PY)
F06	16-1	1540	10437	Mon	Russian diplo/intel. 11166 10053 87254 13070 03349	FSK 200/1000	(AB/PY)
F06	16-1	1550	8137	Mon	Russian diplo/intel. 11166 10053 87254 13070 03349	FSK 200/1000	(AB/PY)
F06	17-1	0700	10294	Tue	Russian diplo/intel. 11166 70202 54731 16002 01959 and 11166 70202 23591 16003 02039	FSK 200/1000	(AB)
F06	17-1	0710	8068	Tue	Russian diplo/intel. 11166 70202 54731 16002 01959 and 11166 70202 23591 16003 02039	FSK 200/1000	(AB)
F06	17-1	0720	6769	Tue	Russian diplo/intel. 11166 70202 54731 16002 01959 and 11166 70202 23591 16003 02039	FSK 200/1000	(AB)
F06	17-1	1200	10158	Tue	Russian diplo/intel. 11166 70202 54731 16002 01959 and 11166 70202 23591 16003 02039	FSK 200/1000	(AB/MPJ)
F06	17-1	1210	8023	Tue	Russian diplo/intel. 11166 70202 54731 16002 01959 and 11166 70202 23591 16003 02039	FSK 200/1000	(AB-RUS/MPJ)
F06	17-1	1220	6796	Tue	Russian diplo/intel. 11166 70202 54731 16002 01959 and 11166 70202 23591 16003 02039	FSK 200/1000	(AB-RUS/MPJ)
F06	17-1	1240	8165	Tue	Russian diplo/intel. 11166 30154 21376 17096 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	17-1	1250	6796	Tue	Russian diplo/intel. 11166 30154 21376 17096 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	17-1	1650	10651	Tue	Russian diplo/intel. 11166 10053 78923 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	17-1	1700	8189	Tue	Russian diplo/intel. 11166 10053 78923 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	17-1	1710	7457	Tue	Russian diplo/intel. 11166 10053 78923 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	18-1	0600	20154	Wed	Russian diplo/intel. 11166 40122 12547 18069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	18-1	0610	18304	Wed	Russian diplo/intel. 11166 40122 12547 18069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	18-1	0620	16156	Wed	Russian diplo/intel. 11166 40122 12547 18069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	18-1	0700	10294	Wed	Russian diplo/intel. 11166 70202 15963 17004 02079	FSK 200/1000	(AB)
F06	18-1	0710	8068	Wed	Russian diplo/intel. 11166 70202 15963 17004 02079	FSK 200/1000	(AB)
F06	18-1	0720	6769	Wed	Russian diplo/intel. 11166 70202 15963 17004 02079	FSK 200/1000	(AB)
F06	18-1	1200	10158	Wed	Russian diplo/intel. 11166 70202 15963 17004 02079	FSK 200/1000	(AB)
F06	18-1	1210	8023	Wed	Russian diplo/intel. 11166 70202 15963 17004 02079	FSK 200/1000	(AB-RUS)
F06	18-1	1220	6796	Wed	Russian diplo/intel. 11166 70202 15963 17004 02079	FSK 200/1000	(AB-RUS)
F06	19-1	0700	10294	Thu	Russian diplo/intel. 11166 70202 75423 18005 01819 and 11166 70202 23894 18006 02299	FSK 200/1000	(AB)
F06	19-1	0710	8068	Thu	Russian diplo/intel. 11166 70202 75423 18005 01819 and 11166 70202 23894 18006 02299	FSK 200/1000	(AB)
F06	19-1	0720	6769	Thu	Russian diplo/intel. 11166 70202 75423 18005 01819 and 11166 70202 23894 18006 02299	FSK 200/1000	(AB-RUS)
F06	19-1	1200	10158	Thu	Russian diplo/intel. 11166 70202 75423 18005 01819 and 11166 70202 23894 18006 02299	FSK 200/1000	(AB-RUS)
F06	19-1	1210	8023	Thu	Russian diplo/intel. 11166 70202 75423 18005 01819 and 11166 70202 23894 18006 02299	FSK 200/1000	(AB-RUS)
F06	19-1	1220	6796	Thu	Russian diplo/intel. 11166 70202 75423 18005 01819 and 11166 70202 23894 18006 02299	FSK 200/1000	(AB-RUS)
F06	19-1	1330	14471	Thu	Russian diplo/intel. 11166 80214 98132 18058 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL/PY)
F06	19-1	1340	12218	Thu	Russian diplo/intel. 11166 80214 98132 18058 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	19-1	1350	9933	Thu	Russian diplo/intel. 11166 80214 98132 18058 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	20-1	0700	10294	Fri	Russian diplo/intel. 11166 70202 36952 19068 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	20-1	0710	8068	Fri	Russian diplo/intel. 11166 70202 36952 19068 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	20-1	0720	6769	Fri	Russian diplo/intel. 11166 70202 36952 19068 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	21-1	1400	7482	Sat	Russian diplo/intel. 11100 00000 36941 20060 02839	FSK 200/1000	(AB-RUS)
F06	21-1	1410	5092	Sat	Russian diplo/intel. 11100 00000 36941 20060 02839	FSK 200/1000	(AB-POL)
F06	21-1	1420	4043	Sat	Russian diplo/intel. 11100 00000 36941 20060 02839	FSK 200/1000	(AB-POL)

F06	22-1	1030	9481	Sun	Russian diplo/intel. 11100 00000 36941 20060 02839	FSK 200/1000	(AB)
F06	22-1	1040	7992	Sun	Russian diplo/intel. 11100 00000 36941 20060 02839	FSK 200/1000	(AB)
F06	22-1	1050	5089	Sun	Russian diplo/intel. 11100 00000 36941 20060 02839	FSK 200/1000	(AB-RUS)
F06	22-1	1530	11525	Sun	Russian diplo/intel. 11166 10053 54789 22071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-1	1540	10437	Sun	Russian diplo/intel. 11166 10053 54789 22071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	22-1	1550	8137	Sun	Russian diplo/intel. 11166 10053 54789 22071 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	23-1	0700	10294	Mon	Russian diplo/intel. 11166 70202 78941 19007 02559	FSK 200/1000	(AB)
F06	23-1	0710	8068	Mon	Russian diplo/intel. 11166 70202 78941 19007 02559	FSK 200/1000	(AB)
F06	23-1	0720	6769	Mon	Russian diplo/intel. 11166 70202 78941 19007 02559	FSK 200/1000	(AB)
F06	23-1	1200	10158	Mon	Russian diplo/intel. 11166 70202 78941 19007 02559	FSK 200/1000	(AB-RUS)
F06	23-1	1210	8023	Mon	Russian diplo/intel. 11166 70202 78941 19007 02559	FSK 200/1000	(AB-RUS)
F06	23-1	1220	6796	Mon	Russian diplo/intel. 11166 70202 78941 19007 02559	FSK 200/1000	(AB-RUS)
F06	24-1	0030	10166	Tue	Russian diplo/intel. 11166 60070 86931 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-1	0040	9064	Tue	Russian diplo/intel. 11166 60070 86931 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-1	0050	8015	Tue	Russian diplo/intel. 11166 60070 86931 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-1	0700	10294	Tue	Russian diplo/intel. 11166 70202 98745 23008 01539 and 11166 70202 32145 23009 01839	FSK 200/1000	(AB)
F06	24-1	0710	8068	Tue	Russian diplo/intel. 11166 70202 98745 23008 01539 and 11166 70202 32145 23009 01839	FSK 200/1000	(AB)
F06	24-1	0720	6769	Tue	Russian diplo/intel. 11166 70202 98745 23008 01539 and 11166 70202 32145 23009 01839	FSK 200/1000	(AB)
F06	24-1	1200	10158	Tue	Russian diplo/intel. 11166 70202 98745 23008 01539 and 11166 70202 32145 23009 01839	FSK 200/1000	(AB)
F06	24-1	1210	8023	Tue	Russian diplo/intel. 11166 70202 98745 23008 01539 and 11166 70202 32145 23009 01839	FSK 200/1000	(AB-RUS)
F06	24-1	1220	6796	Tue	Russian diplo/intel. 11166 70202 98745 23008 01539 and 11166 70202 32145 23009 01839	FSK 200/1000	(AB-RUS)
F06	24-1	1230	11585	Tue	Russian diplo/intel. 11166 30154 14783 24045 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	24-1	1240	8165	Tue	Russian diplo/intel. 11166 30154 14783 24045 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	24-1	1250	6796	Tue	Russian diplo/intel. 11166 30154 14783 24045 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	24-1	1650	10651	Tue	Russian diplo/intel. 11166 10053 15973 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-1	1700	8189	Tue	Russian diplo/intel. 11166 10053 15973 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	24-1	1710	7457	Tue	Russian diplo/intel. 11166 10053 15973 24001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	25-1	0600	20154	Wed	Russian diplo/intel. 11166 40122 12864 21039 03539	FSK 200/1000	(AB-RUS)
F06	25-1	0610	18304	Wed	Russian diplo/intel. 11166 40122 12864 21039 03539	FSK 200/1000	(AB-RUS)
F06	25-1	0620	16156	Wed	Russian diplo/intel. 11166 40122 12864 21039 03539	FSK 200/1000	(AB-RUS)
F06	25-1	0700	10294	Wed	Russian diplo/intel. 11166 70202 25869 24010 02079	FSK 200/1000	(AB)
F06	25-1	0710	8068	Wed	Russian diplo/intel. 11166 70202 25869 24010 02079	FSK 200/1000	(AB)
F06	25-1	0720	6769	Wed	Russian diplo/intel. 11166 70202 25869 24010 02079	FSK 200/1000	(AB)
F06	25-1	1015	23877	Wed	Russian diplo/intel. 11166 40023 85214 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	25-1	1025	19935	Wed	Russian diplo/intel. 11166 40023 85214 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	25-1	1035	17523	Wed	Russian diplo/intel. 11166 40023 85214 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	25-1	1200	10158	Wed	Russian diplo/intel. 11166 70202 25869 24010 02079	FSK 200/1000	(AB)
F06	25-1	1210	8023	Wed	Russian diplo/intel. 11166 70202 25869 24010 02079	FSK 200/1000	(AB-RUS)
F06	25-1	1220	6796	Wed	Russian diplo/intel. 11166 70202 25869 24010 02079	FSK 200/1000	(AB-RUS)
F06	26-1	0600	20154	Thu	Russian diplo/intel. 11166 40122 12864 21039 03539	FSK 200/1000	(AB-RUS)
F06	26-1	0610	18304	Thu	Russian diplo/intel. 11166 40122 12864 21039 03539	FSK 200/1000	(AB-RUS)
F06	26-1	0620	16156	Thu	Russian diplo/intel. 11166 40122 12864 21039 03539	FSK 200/1000	(AB-RUS)

F06	26-1	0700	10294	Thu	Russian diplo/intel. 11166 70202 25871 25011 01599 and 11166 70202 59847 25012 01639	FSK 200/1000	(AB)
F06	26-1	0710	8068	Thu	Russian diplo/intel. 11166 70202 25871 25011 01599 and 11166 70202 59847 25012 01639	FSK 200/1000	(AB)
F06	26-1	0720	6769	Thu	Russian diplo/intel. 11166 70202 25871 25011 01599 and 11166 70202 59847 25012 01639	FSK 200/1000	(AB-RUS)
F06	26-1	1200	10158	Thu	Russian diplo/intel. 11166 70202 25871 25011 01599 and 11166 70202 59847 25012 01639	FSK 200/1000	(AB)
F06	26-1	1210	8023	Thu	Russian diplo/intel. 11166 70202 25871 25011 01599 and 11166 70202 59847 25012 01639	FSK 200/1000	(AB-RUS)
F06	26-1	1220	6796	Thu	Russian diplo/intel. 11166 70202 25871 25011 01599 and 11166 70202 59847 25012 01639	FSK 200/1000	(AB-RUS)
F06	26-1	1330	14471	Thu	Russian diplo/intel. 11166 80214 75312 26055 00049 00000 00000 00000 00000	FSK 200/1000	(AB/RL/PY)
F06	26-1	1340	12218	Thu	Russian diplo/intel. 11166 80214 75312 26055 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	26-1	1350	9933	Thu	Russian diplo/intel. 11166 80214 75312 26055 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	27-1	0700	10294	Fri	Russian diplo/intel. 11166 70202 65274 27051 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	27-1	0710	8068	Fri	Russian diplo/intel. 11166 70202 65274 27051 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	27-1	0720	6769	Fri	Russian diplo/intel. 11166 70202 65274 27051 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	28-1	0900	6957	Sat	Russian diplo/intel. 11100 00000 23908 28001 02529	FSK 200/1000	(linkz)
F06	28-1	0910	9425	Sat	Russian diplo/intel. 11100 00000 23908 28001 02529	FSK 200/1000	(linkz)
F06	28-1	0920	11611	Sat	Russian diplo/intel. 11100 00000 23908 28001 02529	FSK 200/1000	(AB/linkz)
F06	28-1	1400	7482	Sat	Russian diplo/intel. 11100 00000 79462 27061 02579	FSK 200/1000	(AB)
F06	28-1	1410	5092	Sat	Russian diplo/intel. 11100 00000 79462 27061 02579	FSK 200/1000	(AB-POL)
F06	28-1	1420	4043	Sat	Russian diplo/intel. 11100 00000 79462 27061 02579	FSK 200/1000	(AB-POL)
F06	29-1	1030	9481	Sun	Russian diplo/intel. 11100 00000 65213 29003 03029	FSK 200/1000	(AB)
F06	29-1	1040	7992	Sun	Russian diplo/intel. 11100 00000 65213 29003 03029	FSK 200/1000	(AB)
F06	29-1	1050	5089	Sun	Russian diplo/intel. 11100 00000 65213 29003 03029	FSK 200/1000	(AB-RUS)
F06	29-1	1530	11525	Sun	Russian diplo/intel. 11166 10053 98653 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-1	1540	10437	Sun	Russian diplo/intel. 11166 10053 98653 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	29-1	1550	8137	Sun	Russian diplo/intel. 11166 10053 98653 29001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	30-1	0700	10294	Mon	Russian diplo/intel. 11166 70202 72341 27013 02199	FSK 200/1000	(AB)
F06	30-1	0710	8068	Mon	Russian diplo/intel. 11166 70202 72341 27013 02199	FSK 200/1000	(AB)
F06	30-1	0720	6769	Mon	Russian diplo/intel. 11166 70202 72341 27013 02199	FSK 200/1000	(AB)
F06	30-1	0930	6957	Mon	Russian diplo/intel. 11100 00000 46321 30004 02729	FSK 200/1000	(PY)
F06	30-1	0940	9425	Mon	Russian diplo/intel. 11100 00000 46321 30004 02729	FSK 200/1000	(PY)
F06	30-1	0950	11611	Mon	Russian diplo/intel. 11100 00000 46321 30004 02729	FSK 200/1000	(PY)
F06	30-1	1000	13921	Mon	Russian diplo/intel. 11166 00000 74136 30028 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	30-1	1010	12167	Mon	Russian diplo/intel. 11166 00000 74136 30028 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	30-1	1020	10271	Mon	Russian diplo/intel. 11166 00000 74136 30028 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	30-1	1200	10158	Mon	Russian diplo/intel. 11166 70202 72341 27013 02199	FSK 200/1000	(AB-RUS)
F06	30-1	1210	8023	Mon	Russian diplo/intel. 11166 70202 72341 27013 02199	FSK 200/1000	(AB-RUS)
F06	30-1	1220	6796	Mon	Russian diplo/intel. 11166 70202 72341 27013 02199	FSK 200/1000	(AB-RUS)
F06	31-1	0030	10177	Tue	Russian diplo/intel. 11166 60070 78956 31001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	31-1	0040	9331	Tue	Russian diplo/intel. 11166 60070 78956 31001 00049 00000 00000 00000 00000	FSK 200/1000	(PY)
F06	31-1	0050	7959	Tue	Russian diplo/intel. 11166 60070 78956 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/PY)
F06	31-1	0700	10294	Tue	Russian diplo/intel. 11166 70202 57812 30014 01579	FSK 200/1000	(AB)
F06	31-1	0710	8068	Tue	Russian diplo/intel. 11166 70202 57812 30014 01579	FSK 200/1000	(AB)
F06	31-1	0720	6769	Tue	Russian diplo/intel. 11166 70202 57812 30014 01579	FSK 200/1000	(AB)

F06	31-1	1200	10158	Tue	Russian diplo/intel. 11166 70202 57812 30014 01579	FSK 200/1000	(AB/MPJ-AUT)
F06	31-1	1210	8023	Tue	Russian diplo/intel. 11166 70202 57812 30014 01579	FSK 200/1000	(AB-RUS/MPJ-AUT)
F06	31-1	1220	6796	Tue	Russian diplo/intel. 11166 70202 57812 30014 01579	FSK 200/1000	(AB-RUS/MPJ-AUT)
F06	31-1	1230	11585	Tue	Russian diplo/intel. 11166 30154 65238 31059 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/PY)
F06	31-1	1240	8165	Tue	Russian diplo/intel. 11166 30154 65238 31059 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/PY)
F06	31-1	1250	6796	Tue	Russian diplo/intel. 11166 30154 65238 31059 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/PY)
F06	31-1	1650	10651	Tue	Russian diplo/intel. 11166 10053 98746 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	31-1	1700	8189	Tue	Russian diplo/intel. 11166 10053 98746 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	31-1	1710	7457	Tue	Russian diplo/intel. 11166 10053 98746 31001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06a	1-1	1500	12087	Sun	Russian diplo/intel. File 04452 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	1-1	1515	9963	Sun	Russian diplo/intel. File 04452 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	1-1	1530	7899	Sun	Russian diplo/intel. File 04452 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	5-1	0515	4473	Thu	Russian diplo/intel. File 04462 (binary contents)	FSK 200/1000	(AB)
F06a	5-1	0530	5239	Thu	Russian diplo/intel. File 04462 (binary contents)	FSK 200/1000	(AB)
F06a	6-1	0500	3627	Fri	Russian diplo/intel. File 04462 (binary contents)	FSK 200/1000	(AB)
F06a	6-1	0515	4473	Fri	Russian diplo/intel. File 04462 (binary contents)	FSK 200/1000	(AB)
F06a	6-1	0530	5239	Fri	Russian diplo/intel. File 04462 (binary contents)	FSK 200/1000	(AB)
F06a	7-1	1500	20977	Sat	Russian diplo/intel. File 04453 (binary contents)	FSK 200/1000	(AB)
F06a	7-1	1515	18625	Sat	Russian diplo/intel. File 04453 (binary contents)	FSK 200/1000	(AB)
F06a	7-1	1530	16159	Sat	Russian diplo/intel. File 04453 (binary contents)	FSK 200/1000	(AB)
F06a	8-1	1500	20977	Sun	Russian diplo/intel. File 04453 (binary contents)	FSK 200/1000	(AB)
F06a	8-1	1515	18625	Sun	Russian diplo/intel. File 04453 (binary contents)	FSK 200/1000	(AB/RL)
F06a	8-1	1530	16159	Sun	Russian diplo/intel. File 04453 (binary contents)	FSK 200/1000	(AB/RL)
F06a	12-1	0500	3627	Thu	Russian diplo/intel. File 44463 (binary contents)	FSK 200/1000	(AB)
F06a	12-1	0515	4473	Thu	Russian diplo/intel. File 44463 (binary contents)	FSK 200/1000	(AB)
F06a	12-1	0530	5239	Thu	Russian diplo/intel. File 44463 (binary contents)	FSK 200/1000	(AB)
F06a	13-1	0500	3627	Fri	Russian diplo/intel. File 44463 (binary contents)	FSK 200/1000	(AB)
F06a	13-1	0515	4473	Fri	Russian diplo/intel. File 44463 (binary contents)	FSK 200/1000	(AB)
F06a	13-1	0530	5239	Fri	Russian diplo/intel. File 44463 (binary contents)	FSK 200/1000	(AB)
F06a	14-1	1500	20977	Sat	Russian diplo/intel. File 04454 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	14-1	1515	18625	Sat	Russian diplo/intel. File 04454 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	14-1	1530	16159	Sat	Russian diplo/intel. File 04454 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	15-1	1500	20977	Sun	Russian diplo/intel. File 04454 (binary contents)	FSK 200/1000	(AB/RL)
F06a	15-1	1515	18625	Sun	Russian diplo/intel. File 04454 (binary contents)	FSK 200/1000	(AB/RL)
F06a	15-1	1530	16159	Sun	Russian diplo/intel. File 04454 (binary contents)	FSK 200/1000	(AB/RL)
F06a	19-1	0500	3627	Thu	Russian diplo/intel. File 04464 (binary contents)	FSK 200/1000	(AB)
F06a	19-1	0515	4473	Thu	Russian diplo/intel. File 04464 (binary contents)	FSK 200/1000	(AB)
F06a	19-1	0530	5239	Thu	Russian diplo/intel. File 04464 (binary contents)	FSK 200/1000	(AB)
F06a	20-1	0500	3627	Fri	Russian diplo/intel. File 04464 (binary contents)	FSK 200/1000	(AB)
F06a	20-1	0515	4473	Fri	Russian diplo/intel. File 04464 (binary contents)	FSK 200/1000	(AB)

F06a	20-1	0530	5239	Fri	Russian diplo/intel. File 04464 (binary contents)	FSK 200/1000	(AB)
F06a	21-1	1500	20977	Sat	Russian diplo/intel. File 04455 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	21-1	1515	18625	Sat	Russian diplo/intel. File 04455 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	21-1	1530	16159	Sat	Russian diplo/intel. File 04455 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	22-1	1500	20977	Sun	Russian diplo/intel. File 04455 (binary contents)	FSK 200/1000	(AB)
F06a	22-1	1515	18625	Sun	Russian diplo/intel. File 04455 (binary contents)	FSK 200/1000	(AB)
F06a	22-1	1530	16159	Sun	Russian diplo/intel. File 04455 (binary contents)	FSK 200/1000	(AB)
F06a	26-1	0500	3627	Thu	Russian diplo/intel. File 44465 (binary contents)	FSK 200/1000	(AB)
F06a	26-1	0515	4473	Thu	Russian diplo/intel. File 44465 (binary contents)	FSK 200/1000	(AB)
F06a	26-1	0530	5239	Thu	Russian diplo/intel. File 44465 (binary contents)	FSK 200/1000	(AB)
F06a	27-1	0500	3627	Fri	Russian diplo/intel. File 44465 (binary contents)	FSK 200/1000	(AB)
F06a	27-1	0515	4473	Fri	Russian diplo/intel. File 44465 (binary contents)	FSK 200/1000	(AB)
F06a	27-1	0530	5239	Fri	Russian diplo/intel. File 44465 (binary contents)	FSK 200/1000	(AB)
F06a	27-1	2000	6815	Fri	Russian diplo/intel. File 04414 (3037 bytes), binary contents	FSK 200/1000	(linkz)
F06a	27-1	2015	5794	Fri	Russian diplo/intel. File 04414 (3037 bytes), binary contents	FSK 200/1000	(linkz)
F06a	27-1	2030	4816	Fri	Russian diplo/intel. File 04414 (3037 bytes), binary contents	FSK 200/1000	(linkz)
F06a	28-1	1500	20977	Sat	Russian diplo/intel. File 04456 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	28-1	1515	18625	Sat	Russian diplo/intel. File 04456 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	28-1	1530	16159	Sat	Russian diplo/intel. File 04456 (binary contents)	FSK 200/1000	(AB/MPJ)
F06a	29-1	1500	20977	Sun	Russian diplo/intel. File 04456 (binary contents)	FSK 200/1000	(AB/RL)
F06a	29-1	1515	18625	Sun	Russian diplo/intel. File 04456 (binary contents)	FSK 200/1000	(AB/RL)
F06a	29-1	1530	16159	Sun	Russian diplo/intel. File 04456 (binary contents)	FSK 200/1000	(AB/RL)
F06a	31-1	0500	9481	Tue	Russian diplo/intel. File	FSK 200/1000	(PY)
F06a	31-1	0510	7337	Tue	Russian diplo/intel. File 44465 (1828 bytes), CRLFCRLFCRLF then binary contents	FSK 200/1000	(PY)
F06a	31-1	0520	5089	Tue	Russian diplo/intel. File	FSK 200/1000	(PY)
F07	3-1	2100	7461	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	3-1	2110	6979	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	3-1	2120	6783	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	3-1	2130	5841	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	3-1	2140	5318	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	3-1	2150	5081	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	5-1	2100	7461	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	5-1	2110	6979	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	5-1	2120	6783	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	5-1	2130	5841	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	5-1	2140	5318	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	5-1	2150	5081	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-1	2100	7461	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-1	2110	6979	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-1	2120	6783	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-1	2130	5841	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	10-1	2140	5318	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)

F07	10-1	2150	5081	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	12-1	2100	7461	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	12-1	2110	6979	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	12-1	2120	6783	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	12-1	2130	5841	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	12-1	2140	5318	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	12-1	2150	5081	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-1	2100	7461	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-1	2110	6979	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-1	2120	6783	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-1	2130	5841	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-1	2140	5318	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	17-1	2150	5081	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	19-1	2100	7461	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	19-1	2110	6979	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	19-1	2120	6783	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	19-1	2130	5841	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	19-1	2140	5318	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	19-1	2150	5081	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-1	2100	7461	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-1	2110	6979	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-1	2120	6783	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-1	2130	5841	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-1	2140	5318	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	24-1	2150	5081	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-1	2100	7461	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-1	2110	6979	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-1	2120	6783	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-1	2130	5841	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-1	2140	5318	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	26-1	2150	5081	Thu	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-1	2100	7461	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-1	2110	6979	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-1	2120	6783	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-1	2130	5841	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-1	2140	5318	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
F07	31-1	2150	5081	Tue	Russian intel.	5xMFSK-16/10Bd/20Hz+250Bd BPSK	(AB)
HM01	1-1	1610	11435	Sun	i.p. 51652 85427 78462 04021 00411 85365 (repeat of 26 Nov)	AM/WinDRM	(AB-USA)
HM01	2-1	1645	11435	Mon	i.p. 51652 85427 78462 04021 00411 85365 (repeat of 26 Nov)	AM/WinDRM	(AB-USA)
HM01	3-1	1614	11435	Tue	i.p. 51652 85427 78462 04021 00411 85365 (repeat of 26 Nov)	AM/WinDRM	(RR2)
HM01	4-1	1600	11435	Wed	51652 85427 78462 04021 00411 85365 (repeat of 26 Nov)	AM/WinDRM	(AB-USA)
HM01	5-1	1600	11435	Thu	51652 85427 78462 04021 00411 85365 (repeat of 26 Nov)	AM/WinDRM	(AB-USA)

HM01	6-1	1620	11435	Fri	i.p. 51652 85427 78462 04021 00411 85365 (repeat of 26 Nov)	AM/WinDRM	(AB-USA)
HM01	7-1	1650	11435	Sat	i.p. 51652 85427 78462 04021 00411 85365 (repeat of 26 Nov)	AM/WinDRM	(AB-USA)
HM01	7-1	1700	11530	Sat	51652 85427 78462 04021 00411 85365 (repeat of 26 Nov)	AM/WinDRM	(RR2)
HM01	8-1	1606	11435	Sun	i.p. 51652 85427 78462 04021 00411 85365 (repeat of 26 Nov)	AM/WinDRM	(AB-USA)
HM01	9-1	1700	11530	Mon	Groups: 67771 67772 01836 01837 01838 73576 73577 73578 65848 67378 10813 65849 27851 57201 67771 27851 Long undecodable file. Unstable WinDRM	AM/WinDRM	(AB-USA/RR2)
HM01	9-1	2158	10715	Mon	10815 67772 01838 73578 57201 27851 Undecodable files. Unstable WinDRM	AM/RDFT	(AB-USA)
HM01	10-1	1657	11435	Tue	77311 67775 30462 63281 57203 27854 Switched to 11530 kHz at 1703z	AM/WinDRM	(AB-USA)
HM01	10-1	1657	11435	Tue	77311 67775 30462 63281 57203 27854	AM/WinDRM	(RR2)
HM01	10-1	1707	11530	Tue	77311 67775 30462 63281 57203 27854 Files 36317731.F1G 18086777.TXT 31183046.TXT 85036328.TXT 32765720.TXT 11302785.TXT Callsign: QWERTY01	AM/WinDRM	(AB-USA)
HM01	11-1	1710	11530	Wed	77311 77312 77313 67776 67777 67778 30463 30464 30465 63282 63283 63284 File 11302785.TXT ID: 45637-1 Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	11-1	1729	11530	Wed	77313 67776 67777 67778 30463 30464 30465 63282 63283 63284 57204 57205 57206 27855 27856 27857 77311 77312 File 11302785.TXT Callsign: QWERTY01	AM/WinDRM	(AB-USA)
HM01	12-1	1628	11435	Thu	77316 40332 16161 63287 03301 58441 (rptd) 77316 40332 16161 63287 03301 30466 63285 30467 63286 16161 57207 File 11302785.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	13-1	1601	11435	Fri	77316 40331 40331 40332 30466 63285 30467 63286 06161 File 11302785.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	13-1	1618	11435	Fri	77316 40332 16161 63287 03301 58441 77316 40332 16161 63287 03301 58441 (repeated) File 11302785.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	13-1	1800	11635	Fri	77316 40332 16161 63287 03301 58441	AM/WinDRM	(RR2)
HM01	14-1	1700	11530	Sat	77316 40332 16161 63287 03301 58441 (repeated) File 11302785.TXT Callsign QWERTY01	AM/WinDRM	(RR2)
HM01	15-1	1600	11435	Sun	77316 40332 16161 63287 03301 58441 (repeated) File 11302785.TXT ID: 45637-1 Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	16-1	1703	11530	Mon	i.p. 30467 63285 30467 63286 16161 57207 27858 77314 57208 58441 63287 40331 77315 03301 30477 off at 1736z. File 11302785.TXT ID: 45637-1 Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	17-1	1758	11635	Tue	27611 40337 16165 83074 03305 58446 Files 41582761.TXT 07204033.TXT 17741616.TXT 07608307.TXT 01020330.TXT 70085844.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	18-1	1758	11530	Wed	27612 84681 16166 83075 03306 58447 Files 41582761.TXT 74458468.TXT 17741616.TXT 07608307.TXT 01020330.TXT 70085844.TXT Callsign QWERTY01 Should be on 11635 kHz. Switched at 1809z	AM/WinDRM	(AB-USA)
HM01	18-1	1809	11635	Wed	27612 84681 16166 83075 03306 58447	AM/WinDRM	(AB-USA)
HM01	19-1	1658	11435	Thu	51652 85427 78462 04021 00411 85365 Files 36385165.F1G 87348542.TXT 50317846.TXT 01450402.TXT 28100041.TXT 75088536.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	19-1	1702	11530	Thu	51652 85427 78462 04021 00411 85365 Files 36385165.F1G 87348542.TXT 50317846.TXT 01450402.TXT 28100041.TXT 75088536.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	20-1	2139	11635	Fri	i.p. 27614 84682 16168 83077 03308 45811 Files 41582761.TXT 74458468.TXT 17741616.TXT 07608307.TXT 01020330.TXT 82014581.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	21-1	1600	11435	Sat	27614 84682 16168 83077 03308 45811 (repeat of 20 Jan)	AM/WinDRM	(AB-USA)
HM01	22-1	1750	11530	Sun	27614 84682 16168 83077 03308 45811 (repeat of 20 Jan)	AM/WinDRM	(AB-USA)
HM01	23-1	1644	11435	Mon	27616 84684 12561 70501 50251 45813	AM/WinDRM	(AB-USA)

HM01	23-1	1658	11530	Mon	27616 84684 12561 70501 50251 45813 Files 41582761.TXT 74458468.TXT 08821256.TXT 78107050.TXT 76135025.TXT 82014581.TXT Callsign QWERTY01	AM/WinDRM	(AB-USA)
HM01	24-1	1600	11435	Tue	27616 84684 12561 70501 50251 45813 (repeat of 23 Jan)	AM/WinDRM	(AB-USA)
HM01	25-1	2100	11635	Wed	27616 84684 12561 70501 50251 45813 (repeat of 23 Jan)	AM/WinDRM	(AB-USA)
HM01	25-1	2200	10715	Wed	27616 84684 12561 70501 50251 45813 (repeat of 23 Jan)	AM/WinDRM	(RR2)
HM01	27-1	1600	11435	Fri	27616 84684 12561 70501 50251 45813 (repeat of 23 Jan)	AM/WinDRM	(AB-USA)
HM01	29-1	1635	11435	Sun	27616 84684 12561 70501 50251 45813 (repeat of 23 Jan)	AM/WinDRM	(AB-USA)
HM01	30-1	1658	11530	Mon	27616 84684 12561 70501 50251 45813 (repeat of 23 Jan)	AM/WinDRM	(AB-USA)
M01	1-1	0700	5465	Sun	197 309 309 30 30 = = 32708 56905 12681 ... 32385 74170 81941 = = 309 309 30 30 000	CW	(AB)
M01	1-1	0715	9566	Sun	Very weak and largely unreadable. Ends with = = 50 50 000	CW	(VSh)
M01	3-1	1800	5320	Tue	197 591 591 30 30 = = 34565 78098 84538 ... 67987 34565 56876 591 591 30 30 000	CW	(AB/MPJ)
M01	3-1	2000	4490	Tue	197 673 673 30 30 = = 45766 78097 54677 ... 78908 46756 34657 673 673 30 30 000	CW	(AB)
M01	5-1	1759	5320	Thu	197 305 305 30 30 = = 13475 90183 67905 ... 31805 64791 40382 = = 30 30 305 305 000	CW	(AB/MPJ)
M01	5-1	2000	4490	Thu	197 706 706 30 30 = = 91781 30151 12593 ... 31804 13320 95731 = = 30 30 706 706 000	CW	(AB)
M01	7-1	1500	5810	Sat	197 451 451 30 30 = = 27032 01042 47107 ... 81041 41960 77142 = = 451 415 30 30 000	CW	(AB)
M01	10-1	1800	5320	Tue	197 251 251 30 30 = = 88176 09187 81736 ... 47638 57689 35478 = = 251 251 30 30 000	CW	(AB)
M01	10-1	2000	4490	Tue	197 547 547 30 30 = = 65784 91874 17635 ... 54161 11536 77151 = = 547 547 30 30 000	CW	(AB)
M01	12-1	1759	5320	Thu	197 815 815 30 30 = = 27032 57138 90956 10842 ... 73428 31259 80940 = = 815 815 30 30 000	CW	(AB/MPJ)
M01	14-1	1500	5810	Sat	197 917 917 30 30 = = 10937 76171 98176 ... 15426 87163 91736 = = 917 917 30 30 000	CW	(AB)
M01	15-1	0700	5465	Sun	197 645 645 30 30 AS AR = = 58748 35463 15241 ... 01624 61526 86904 = = 645 645 30 30 000	CW	(AB)
M01	17-1	1800	5320	Tue	197 139 139 30 30 = = 02713 64806 32695 ... 75815 94813 63851 = = 30 30 139 139 000	CW	(AB)
M01	17-1	2000	4490	Tue	197 617 617 30 30 = = 60851 53907 28601 ... 40302 10243 13804 = = 30 30 617 617 000	CW	(AB)
M01	19-1	1759	5320	Thu	197 501 501 30 30 = = 01042 58090 17080 ... 17805 20950 27032 = = 501 501 30 30 000	CW	(AB-FIN/MPJ)
M01	19-1	2000	4490	Thu	197 729 729 30 30 = = 27032 01042 80904 ... 27110 26082 09041 = = 729 729 30 30 000	CW	(AB-BLR)
M01	21-1	1500	5810	Sat	VVV VVV VVV at 1445z 197 775 775 30 30 = = 50989 14324 35465 ... 57678 49890 36545 775 775 30 30 000	CW	(AB/MPJ)
M01	22-1	0700	5465	Sun	197 803 803 30 30 = = 56467 19890 69877 ... 68789 25434 09988 = = 803 803 30 30 000	CW	(AB)
M01	22-1	0715	9566	Sun	Carrier only	CW	(AB)
M01	24-1	1759	5320	Tue	VVV at 1745z. 197 185 185 30 30 = = 76857 35463 28576 ... 54665784658 = = 185 185 30 30 0..... 0..... 0.....	CW	(AB)
M01	24-1	2000	4490	Tue	197 446 446 30 30 = = 980909809087869878696876968769576865766 ... = = 446 446 30 30 0..... 0..... 0..... ran all groups together with mistakes	CW	(AB)
M01	26-1	1759	5320	Thu	197 706 706 30 30 = = 45365 76879 14235 ... 36527 50989 58790 = = 706 706 30 30 000	CW	(AB)
M01	26-1	2000	4490	Thu	197 654 654 30 30 = = 54365 76756 98099 ... 77680 24315 09087 = = 654 654 30 30 000	CW	(AB-BLR)
M01	28-1	0715	9566	Sat	475 703 703 50 50 34_____ ... 73813 20938 58995 = = 703 703 50 50 000	CW	(Pof)
M01	28-1	1500	5810	Sat	197 322 322 30 30 = = 04631 19047 27032 ... 27049 28017 29085 = = 322 322 30 30 000	CW	(AB/MPJ)
M01	29-1	0700	5465	Sun	197 096 096 30 30 = = 27032 01042 26082 ... 45408 45451 27031 = = 096 096 30 30 000	CW	(AB)
M01	29-1	0715	9566	Sun	Carrier only	CW	(AB)
M01	29-1	0715	9566	Sun	475 703 703 50 50 34_____ ... 73813 20938 58995 = = 703 703 50 50 000	CW	(T101)
M01	31-1	2000	4490	Tue	197 402 402 30 30 = = 42815 31904 58910 67419 ... 05946 31607 42819 402 402 30 30 000	CW	(AB)

M01a	26-1	0612	3232	Thu	472 472 472 24187 24187 (R3m20s) 333 111 000 111 000	CW	(And)
M12	1-1	0800	16357	Sun	343 343 343 000	CW	(AB)
M12	1-1	0820	17457	Sun	343 343 343 000	CW	(AB)
M12	2-1	1400	17418	Mon	439 439 439 1 429 143 429 143 33732 41858 70090 ... 59359 73546 66738 000 000	CW	(AB/MPJ)
M12	2-1	1420	16318	Mon	439 439 439 1 429 143 429 143 33732 41858 70090 ... 59359 73546 66738 000 000	CW	(AB/MPJ)
M12	2-1	1440	14918	Mon	439 439 439 1 429 143 429 143 33732 41858 70090 ... 59359 73546 66738 000 000	CW	(AB/MPJ)
M12	2-1	2300	11079	Mon	136 136 136 000	CW	(AB)
M12	2-1	2320	10279	Mon	136 136 136 000	CW	(AB)
M12	3-1	0030	5886	Tue	874 874 874 1 206 164 206 164 81475 36089 17663 ... 91286 77409 32641 000 000	CW	(AB/HFD)
M12	3-1	0050	6786	Tue	874 874 874 1 206 164 206 164 81475 36089 17663 ... 91286 77409 32641 000 000	CW	(AB/HFD)
M12	3-1	0110	7486	Tue	874 874 874 1 206 164 206 164 81475 36089 17663 ... 91286 77409 32641 000 000	CW	(AB/HFD)
M12	3-1	0900	15936	Tue	943 943 943 000	CW	(AB/HFD)
M12	3-1	0920	17436	Tue	943 943 943 000	CW	(AB/HFD)
M12	4-1	0800	16357	Wed	343 343 343 1 383 218 383 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB)
M12	4-1	0820	17457	Wed	343 343 343 1 383 218 383 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB)
M12	4-1	0840	18357	Wed	343 343 343 1 383 218 383 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB)
M12	4-1	2000	6782	Wed	781 781 781 000	CW	(AB/HFD)
M12	4-1	2020	5882	Wed	781 781 781 000	CW	(AB/HFD)
M12	5-1	0300	14672	Thu	641 641 641 1 519 118 519 118 61800 14805 03443 ...94842 07976 20946 000 000	CW	(PY)
M12	5-1	0320	13473	Thu	641 641 641 1 519 118 519 118 61800 14805 03443 ...94842 07976 20946 000 000	CW	(PY)
M12	5-1	0340	12173	Thu	641 641 641 1 519 118 519 118 61800 14805 03443 ...94842 07976 20946 000 000	CW	(PY)
M12	5-1	1400	17418	Thu	439 439 439 1 429 143 429 143 33732 41858 70090 ... 59359 73546 66738 000 000	CW	(AB)
M12	5-1	1420	16318	Thu	439 439 439 1 429 143 429 143 33732 41858 70090 ... 59359 73546 66738 000 000	CW	(AB)
M12	5-1	1440	14918	Thu	439 439 439 1 429 143 429 143 33732 41858 70090 ... 59359 73546 66738 000 000	CW	(AB)
M12	6-1	0030	5886	Fri	874 874 874 1 206 164 206 164 81475 36089 17663 ... 91286 77409 32641 000 000	CW	(AB)
M12	6-1	0050	6786	Fri	874 874 874 1 206 164 206 164 81475 36089 17663 ... 91286 77409 32641 000 000	CW	(AB)
M12	6-1	0110	7486	Fri	874 874 874 1 206 164 206 164 81475 36089 17663 ... 91286 77409 32641 000 000	CW	(AB)
M12	6-1	0900	15936	Fri	943 943 943 000	CW	(AB)
M12	6-1	0920	17436	Fri	943 943 943 000	CW	(AB)
M12	6-1	2000	6782	Fri	781 781 781 000	CW	(AB)
M12	6-1	2020	5882	Fri	781 781 781 000	CW	(AB)
M12	6-1	2200	5778	Fri	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB)
M12	6-1	2220	6778	Fri	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB)
M12	6-1	2240	8178	Fri	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB)
M12	7-1	2200	5778	Sat	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB)
M12	7-1	2220	6778	Sat	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB)
M12	7-1	2240	8178	Sat	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB)
M12	8-1	0800	16357	Sun	343 343 343 1 383 218 393 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB)
M12	8-1	0820	17457	Sun	343 343 343 1 383 218 393 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB/HFD)
M12	8-1	0840	18357	Sun	343 343 343 1 383 218 393 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB/HFD)
M12	9-1	0010	16253	Mon	294 294 294 1 9926 184 9926 184 36592 64792 04556 ... 15238 31900 85736 00 000	CW	(PY/HFD-J)
M12	9-1	0030	15953	Mon	294 294 294 1 9926 184 9926 184 36592 64792 04556 ... 15238 31900 85736 00 000	CW	(HFD-J)

M12	9-1	0050	13453	Mon	294 294 294 1 9926 184 9926 184 36592 64792 04556 ... 15238 31900 85736 00 000	CW	(HFD-J)
M12	9-1	1230	12205	Mon	973 973 973 1 621 65 621 65 65992 62356 25924 ... 97804 10718 33976 000 000	CW	(AB)
M12	9-1	1250	13559	Mon	973 973 973 1 621 65 621 65 65992 62356 25924 ... 97804 10718 33976 000 000	CW	(AB)
M12	9-1	1310	14728	Mon	973 973 973 1 621 65 621 65 65992 62356 25924 ... 97804 10718 33976 000 000	CW	(AB)
M12	9-1	1400	17418	Mon	439 439 439 000	CW	(AB/MPJ)
M12	9-1	1420	16318	Mon	439 439 439 000	CW	(AB/MPJ)
M12	9-1	2300	11079	Mon	136 136 136 1 ...	CW	(HFD)
M12	9-1	2320	10279	Mon	136 136 136 1 ...	CW	(HFD)
M12	9-1	2340	9179	Mon	136 136 136 1 ...	CW	(HFD)
M12	10-1	0030	5886	Tue	874 874 874 000	CW	(AB)
M12	10-1	0050	6786	Tue	874 874 874 000	CW	(AB)
M12	10-1	0300	14673	Tue	641 641 641 1 ...	CW	(HFD-J)
M12	10-1	0320	13373	Tue	641 641 641 1 ...	CW	(HFD-J)
M12	10-1	0340	12173	Tue	641 641 641 1 ...	CW	(HFD-J)
M12	10-1	0900	15936	Tue	943 943 943 000	CW	(AB/RL)
M12	10-1	0920	17436	Tue	943 943 943 000	CW	(AB/RL)
M12	11-1	0800	16357	Wed	343 343 343 1 383 218 383 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB)
M12	11-1	0820	17457	Wed	343 343 343 1 383 218 383 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB)
M12	11-1	0840	18357	Wed	343 343 343 1 383 218 383 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB)
M12	11-1	2000	6782	Wed	781 781 781 1 509 161 509 161 42774 35149 27816 ... 10517 82098 15688 000 000	CW	(AB)
M12	11-1	2020	5882	Wed	781 781 781 1 509 161 509 161 42774 35149 27816 ... 10517 82098 15688 000 000	CW	(AB)
M12	11-1	2040	5182	Wed	781 781 781 1 509 161 509 161 42774 35149 27816 ... 10517 82098 15688 000 000	CW	(AB)
M12	12-1	1110	13386	Thu	725 725 725 1 9701 98 9701 98 45873 68368 56626 ... 18331 33735 73409 000 000	CW	(AB/MPJ)
M12	12-1	1130	12189	Thu	725 725 725 1 9701 98 9701 98 45873 68368 56626 ... 18331 33735 73409 000 000	CW	(AB/MPJ)
M12	12-1	1150	11491	Thu	725 725 725 1 9701 98 9701 98 45873 68368 56626 ... 18331 33735 73409 000 000	CW	(AB/MPJ)
M12	12-1	1400	17418	Thu	439 439 439 000	CW	(AB/RL/MPJ)
M12	12-1	1420	16318	Thu	439 439 439 000	CW	(AB/RL/MPJ)
M12	13-1	0030	5886	Fri	874 874 874 000	CW	(AB)
M12	13-1	0050	6786	Fri	874 874 874 000	CW	(AB)
M12	13-1	0900	15936	Fri	943 943 943 000	CW	(AB/RL)
M12	13-1	0920	17436	Fri	943 943 943 000	CW	(AB)
M12	13-1	2000	6782	Fri	781 781 781 1 509 161 509 161 42774 35149 27816 ... 10517 82098 15688 000 000	CW	(AB)
M12	13-1	2020	5882	Fri	781 781 781 1 509 161 509 161 42774 35149 27816 ... 10517 82098 15688 000 000	CW	(AB)
M12	13-1	2040	5182	Fri	781 781 781 1 509 161 509 161 42774 35149 27816 ... 10517 82098 15688 000 000	CW	(AB)
M12	13-1	2200	5778	Fri	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB/HFD)
M12	13-1	2220	6778	Fri	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB/HFD)
M12	13-1	2240	8178	Fri	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB/HFD)
M12	14-1	1800	9327	Sat	938 938 938 1 6447 74 6447 74 61354 83972 45173 ... 68079 53041 62625 000 000	CW	(AB-HNG)
M12	14-1	1800	11435	Sat	938 938 938 1 6447 74 6447 74 61354 83972 45173 ... 68079 53041 62625 000 000	CW	(MPJ)
M12	14-1	1820	10598	Sat	938 938 938 1 6447 74 6447 74 61354 83972 45173 ... 68079 53041 62625 000 000	CW	(AB-HNG)
M12	14-1	2200	5778	Sat	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB)
M12	14-1	2220	6778	Sat	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB)

M12	14-1	2240	8178	Sat	771 771 771 1 200 98 200 98 53133 73868 12671 ... 48522 28976 21652 000 000	CW	(AB)
M12	15-1	0800	16357	Sun	343 343 343 1 383 218 393 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB)
M12	15-1	0820	17457	Sun	343 343 343 1 383 218 393 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB)
M12	15-1	0840	18357	Sun	343 343 343 1 383 218 393 218 43640 55229 33367 ... 86264 64361 93686 000 000	CW	(AB/RL)
M12	16-1	1230	12205	Mon	973 973 973 1 3325 61 3325 61 06693 17199 47541 ... 94106 55479 48813 000 000	CW	(AB/MPJ)
M12	16-1	1250	13559	Mon	973 973 973 1 3325 61 3325 61 06693 17199 47541 ... 94106 55479 48813 000 000	CW	(AB/MPJ)
M12	16-1	1310	14728	Mon	973 973 973 1 3325 61 3325 61 06693 17199 47541 ... 94106 55479 48813 000 000	CW	(AB/MPJ)
M12	16-1	1400	17418	Mon	439 439 439 1 258 157 258 157 86663 32184 20334 ... 21854 26848 15738 000 000	CW	(AB/MPJ)
M12	16-1	1420	16318	Mon	439 439 439 1 258 157 258 157 86663 32184 20334 ... 21854 26848 15738 000 000	CW	(AB/MPJ)
M12	16-1	1440	14918	Mon	439 439 439 1 258 157 258 157 86663 32184 20334 ... 21854 26848 15738 000 000	CW	(AB/MPJ)
M12	17-1	0900	15936	Tue	943 943 943 000	CW	(AB/RL)
M12	17-1	0920	17436	Tue	943 943 943 000	CW	(AB/RL)
M12	18-1	0800	16357	Wed	343 343 343 000	CW	(AB)
M12	18-1	0820	17457	Wed	343 343 343 000	CW	(AB/RL)
M12	18-1	2000	6782	Wed	781 781 781 1 9531 175 9531 175 18475 82292 12462 ... 48476 60781 79628 14843 000 000	CW	(AB)
M12	18-1	2020	5882	Wed	781 781 781 1 9531 175 9531 175 18475 82292 12462 ... 48476 60781 79628 14843 000 000	CW	(AB)
M12	18-1	2040	5182	Wed	781 781 781 1 9531 175 9531 175 18475 82292 12462 ... 48476 60781 79628 14843 000 000	CW	(AB)
M12	19-1	1110	13386	Thu	725 725 725 1 7702 91 7702 91 74286 32761 45300 ... 56573 81717 23246 000 000	CW	(AB/MPJ)
M12	19-1	1130	12189	Thu	725 725 725 1 7702 91 7702 91 74286 32761 45300 ... 56573 81717 23246 000 000	CW	(AB/MPJ)
M12	19-1	1150	11491	Thu	725 725 725 1 7702 91 7702 91 74286 32761 45300 ... 56573 81717 23246 000 000	CW	(AB/MPJ)
M12	19-1	1400	17418	Thu	439 439 439 1 258 157 258 157 86663 32184 20334 ... 21854 26848 15738 000 000	CW	(AB/RL)
M12	19-1	1420	16318	Thu	439 439 439 1 258 157 258 157 86663 32184 20334 ... 21854 26848 15738 000 000	CW	(AB/RL)
M12	19-1	1440	14918	Thu	439 439 439 1 258 157 258 157 86663 32184 20334 ... 21854 26848 15738 000 000	CW	(AB/RL)
M12	20-1	0030	5886	Fri	874 874 874 1 ... (too weak to copy)	CW	(AB)
M12	20-1	0050	6786	Fri	874 874 874 1 ... (too weak to copy)	CW	(AB)
M12	20-1	0110	7486	Fri	874 874 874 1 ... (too weak to copy)	CW	(AB)
M12	20-1	0900	15936	Fri	943 943 943 000	CW	(AB)
M12	20-1	0920	17436	Fri	943 943 943 000	CW	(AB)
M12	20-1	2000	6782	Fri	781 781 781 1 9531 175 9531 175 18475 82292 12462 ... 48476 60781 79628 14843 000 000	CW	(AB)
M12	20-1	2020	5882	Fri	781 781 781 1 9531 175 9531 175 18475 82292 12462 ... 48476 60781 79628 14843 000 000	CW	(AB)
M12	20-1	2040	5182	Fri	781 781 781 1 9531 175 9531 175 18475 82292 12462 ... 48476 60781 79628 14843 000 000	CW	(AB)
M12	20-1	2200	5778	Fri	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	20-1	2220	6778	Fri	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	20-1	2240	8178	Fri	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	21-1	1800	11435	Sat	938 938 938 1 9703 79 9703 79 83573 88112 95017 ... 35589 03109 47207 000 000	CW	(AB-RUS/MPJ)
M12	21-1	1820	10598	Sat	938 938 938 1 9703 79 9703 79 83573 88112 95017 ... 35589 03109 47207 000 000	CW	(AB/MPJ)
M12	21-1	1840	9327	Sat	938 938 938 1 9703 79 9703 79 83573 88112 95017 ... 35589 03109 47207 000 000	CW	(AB/MPJ)
M12	21-1	2200	5778	Sat	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	21-1	2220	6778	Sat	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	21-1	2240	8178	Sat	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	22-1	0800	16357	Sun	343 343 343 000	CW	(AB)
M12	22-1	0820	17457	Sun	343 343 343 000	CW	(AB)

M12	23-1	1230	12205	Mon	973 973 973 1 9527 64 9527 64 83081 92805 08774 ... 78382 01318 74588 000 000	CW	(AB)
M12	23-1	1250	13559	Mon	973 973 973 1 9527 64 9527 64 83081 92805 08774 ... 78382 01318 74588 000 000	CW	(AB)
M12	23-1	1310	14728	Mon	973 973 973 1 9527 64 9527 64 83081 92805 08774 ... 78382 01318 74588 000 000	CW	(AB/RL)
M12	23-1	1400	17418	Mon	439 439 439 000	CW	(AB/RL)/HFD
M12	23-1	1420	16318	Mon	439 439 439 000	CW	(AB/RL/HFD)
M12	24-1	0030	5886	Tue	874 874 874 1 143 184 143 184 04996 32530 55971 ... 74966 03203 87698 000 000	CW	(AB)
M12	24-1	0050	6786	Tue	874 874 874 1 143 184 143 184 04996 32530 55971 ... 74966 03203 87698 000 000	CW	(AB)
M12	24-1	0110	7486	Tue	874 874 874 1 143 184 143 184 04996 32530 55971 ... 74966 03203 87698 000 000	CW	(AB)
M12	24-1	0900	15936	Tue	943 943 943 000	CW	(AB/RL)
M12	24-1	0920	17436	Tue	943 943 943 000	CW	(AB/RL)
M12	25-1	0800	16357	Wed	343 343 343 1 434 224 434 224 93523 00383 51287 ... 93945 59273 09119 000 000	CW	(AB)
M12	25-1	0820	17457	Wed	343 343 343 1 434 224 434 224 93523 00383 51287 ... 93945 59273 09119 000 000	CW	(AB)
M12	25-1	0840	18357	Wed	343 343 343 1 434 224 434 224 93523 00383 51287 ... 93945 59273 09119 000 000	CW	(AB)
M12	25-1	2000	6782	Wed	781 781 781 1 280 183 280 183 75714 54282 83199 ... 64109 96283 36887 000 000	CW	(AB)
M12	25-1	2020	5882	Wed	781 781 781 1 280 183 280 183 75714 54282 83199 ... 64109 96283 36887 000 000	CW	(AB)
M12	25-1	2040	5182	Wed	781 781 781 1 280 183 280 183 75714 54282 83199 ... 64109 96283 36887 000 000	CW	(AB)
M12	26-1	1110	13386	Thu	725 725 725 1 5791 96 5791 96 84295 64833 97164 ... 25575 02950 04437 000 000	CW	(AB)
M12	26-1	1130	12189	Thu	725 725 725 1 5791 96 5791 96 84295 64833 97164 ... 25575 02950 04437 000 000	CW	(AB)
M12	26-1	1150	11491	Thu	725 725 725 1 5791 96 5791 96 84295 64833 97164 ... 25575 02950 04437 000 000	CW	(AB)
M12	26-1	1400	17418	Thu	439 439 439 000	CW	(AB/RL)
M12	26-1	1420	16318	Thu	439 439 439 000	CW	(AB/RL)
M12	27-1	0030	5886	Fri	874 874 874 1 143 184 143 184 04996 32530 55971 ... 74966 03203 87698 000 000	CW	(AB)
M12	27-1	0050	6786	Fri	874 874 874 1 143 184 143 184 04996 32530 55971 ... 74966 03203 87698 000 000	CW	(AB)
M12	27-1	0110	7486	Fri	874 874 874 1 143 184 143 184 04996 32530 55971 ... 74966 03203 87698 000 000	CW	(AB)
M12	27-1	0900	15936	Fri	943 943 943 000	CW	(AB)
M12	27-1	0920	17436	Fri	943 943 943 000	CW	(AB)
M12	27-1	2000	6782	Fri	781 781 781 1 280 183 280 183 75714 54282 83199 ... 64109 96283 36887 000 000	CW	(AB/RL)
M12	27-1	2020	5882	Fri	781 781 781 1 280 183 280 183 75714 54282 83199 ... 64109 96283 36887 000 000	CW	(AB/RL)
M12	27-1	2040	5182	Fri	781 781 781 1 280 183 280 183 75714 54282 83199 ... 64109 96283 36887 000 000	CW	(AB/RL)
M12	27-1	2200	5778	Fri	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	27-1	2220	6778	Fri	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	27-1	2240	8178	Fri	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	28-1	2200	5778	Sat	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	28-1	2220	6778	Sat	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	28-1	2240	8178	Sat	771 771 771 1 293 104 293 104 73592 64515 67522 ... 03072 15113 02764 000 000	CW	(AB)
M12	29-1	0800	16357	Sun	343 343 343 1 434 224 434 224 93523 00383 51287 ... 93945 59273 09119 000 000	CW	(AB)
M12	29-1	0820	17457	Sun	343 343 343 1 434 224 434 224 93523 00383 51287 ... 93945 59273 09119 000 000	CW	(AB/RL)
M12	29-1	0840	18357	Sun	343 343 343 1 434 224 434 224 93523 00383 51287 ... 93945 59273 09119 000 000	CW	(AB/RL)
M12	30-1	1230	12205	Mon	973 973 973 1 1570 63 1570 63 73255 08292 78555 ... 54455 45769 46507 000 000	CW	(AB)
M12	30-1	1250	13559	Mon	973 973 973 1 1570 63 1570 63 73255 08292 78555 ... 54455 45769 46507 000 000	CW	(AB)
M12	30-1	1310	14728	Mon	973 973 973 1 1570 63 1570 63 73255 08292 78555 ... 54455 45769 46507 000 000	CW	(AB/RL)
M12	30-1	1400	17418	Mon	439 439 439 1 433 109 433 109 65736 06845 69162 ... 05869 65861 15575 000 000	CW	(AB/RL)

M12	30-1	1420	16318	Mon	439 439 439 1 433 109 433 109 65736 06845 69162 ... 05869 65861 15575 000 000	CW	(AB/RL)
M12	30-1	1440	14918	Mon	439 439 439 1 433 109 433 109 65736 06845 69162 ... 05869 65861 15575 000 000	CW	(AB/RL)
M12	31-1	0030	5886	Tue	874 874 874 000	CW	(AB)
M12	31-1	0050	6786	Tue	874 874 874 000	CW	(AB)
M12	31-1	0900	15936	Tue	943 943 943 000	CW	(AB/RL)
M12	31-1	0920	17436	Tue	943 943 943 000	CW	(AB/RL)
M14	9-1	0502	12211	Mon	Started late with inverted morse. Carrier/reverted morse/off/back at 0507z: 952 187 52 61053... 43413 = 187 52 missing 00000 outro	CW	(PY)
M14	9-1	0522	10243	Mon	952 187 187 52 52 = = 61053 58809 50682 ... 67116 82787 43413 = = 187 187 52 52 (no closing nulls) Late start	CW	(AB)
M14	10-1	0500	12211	Tue	952 403 403 51 51 = = 80052 32593 37313 ... 22862 07115 98611 = = 403 403 51 51 00000	CW	(AB-J)
M14	10-1	0520	10243	Tue	952 403 403 51 51 = = 80052 32593 37313 ... 22862 07115 98611 = = 403 403 51 51 00000	CW	(AB-J)
M14	10-1	0930	17458	Tue	617 617 617 00000	CW	(AB/RL/PY)
M14	11-1	0500	12211	Wed	952 617 617 53 53 = = 05675 97041 24422 ... 02404 57678 23440 = = 617 617 53 53 00000	CW	(Subilo/AB)
M14	11-1	0520	10243	Wed	952 617 617 53 53 = = 05675 97041 24422 ... 02404 57678 23440 = = 617 617 53 53 00000	CW	(Subilo/AB)
M14	12-1	0500	12211	Thu	952 (R), off after 1.5 min. Back at 0505z. 952 380 380 62 62 = = 53002 14368 54452 ... 20837 43932 45416 = = 380 380 62 62 00000	CW	(AB-J)
M14	12-1	0520	10243	Thu	952 380 380 62 62 = = 53002 14368 54452 ... 20837 43932 45416 = = 380 380 62 62 00000	CW	(AB-J)
M14	13-1	0500	12211	Fri	Carrier only	CW	(AB-J)
M14	13-1	0520	10243	Fri	Carrier only	CW	(AB-J)
M14	16-1	0500	12211	Mon	952 860 860 52 52 = = 10492 36140 07176 ...83423 72010 50335 = = 860 860 52 52 00000	CW	(AB)
M14	16-1	0520	10243	Mon	952 860 860 52 52 = = 10492 36140 07176 ...83423 72010 50335 = = 860 860 52 52 00000	CW	(AB)
M14	17-1	0500	12211	Tue	952 347 347 51 51 = = 60320 21229 89082 ... 48647 94869 56783 = = 347 347 51 51 00000	CW	(AB-J)
M14	17-1	0520	10243	Tue	952 347 347 51 51 = = 60320 21229 89082 ... 48647 94869 56783 = = 347 347 51 51 00000	CW	(AB-J)
M14	18-1	0500	12211	Wed	952 106 106 58 58 = = 89826 10203 54784 ... 82184 08825 95693 = = 106 106 58 58 00000	CW	(AB-J)
M14	18-1	0520	10243	Wed	952 (R4) then off	CW	(AB-J)
M14	19-1	0500	12211	Thu	952 874 874 53 53 = = 54012 87381 58702 ... 42173 83347 30118 = = 874 874 53 53 00000	CW	(AB-J)
M14	19-1	0520	10243	Thu	No transmission	CW	(AB-J)
M14	20-1	0500	12211	Fri	952 136 136 58 58 = = 05916 70448 09731 ... 25052 54178 09887 = = 136 136 58 58 00000	CW	(AB-J)
M14	20-1	0520	10243	Fri	952 136 136 58 58 = = 05916 70448 09731 ... 25052 54178 09887 = = 136 136 58 58 00000	CW	(AB-J)
M14	23-1	0500	12211	Mon	952 708 708 60 60 = = 97638 24566 37031 ... 16373 29298 96278 = = 708 708 60 60 00000	CW	(PY)
M14	23-1	0520	10243	Mon	952 708 708 60 60 = = 97638 24566 37031 ... 16373 29298 96278 = = 708 708 60 60 00000	CW	(AB-J)
M14	24-1	0507	12211	Tue	Late start. Inverted morse	CW	(AB-J)
M14	24-1	0520	10243	Tue	Carrier only	CW	(AB-J)
M14	25-1	0500	12211	Wed	952 680 680 61 61 = = 81272 36171 63002 ... 85747 44851 65653 = = 680 680 61 61 00000	CW	(AB-J)
M14	25-1	0520	10243	Wed	952 680 680 61 61 = = 81272 36171 63002 ... 85747 44851 65653 = = 680 680 61 61 00000	CW	(AB-J)
M14	25-1	0930	17458	Wed	617 617 617 00000	CW	(AB/PY/HFD)
M14	26-1	0500	12211	Thu	952 471 471 52 52 = = 25829 32089 83937 ... 70786 27270 66026 = = 471 471 52 52 00000	CW	(AB-J)
M14	26-1	0520	10243	Thu	952 471 471 52 52 = = 25829 32089 83937 ... Cut off after group 25, then carrier only	CW	(AB-J/AtB)
M14	27-1	0505	12211	Fri	Late start. Unreadable inverted morse	CW	(AB-J)
M14	27-1	0520	10243	Fri	Unreadable. Inverted morse	CW	(AB-J)
M14	30-1	0500	12211	Mon	952 170 170 52 52 = = 65838 00944 23114 ... 77211 68585 27508 = = 170 170 52 52 00000	CW	(AB-J/AtB)

M14	30-1	0526	10243	Mon	952 170 170 52 52 = = 65838 00944 23114 ... 77211 68585 27508 = = 170 170 52 52 00000	CW	(AB-J)
M14	31-1	0500	12211	Tue	952 348 348 50 50 = = 97702 53417 42047 ...71953 97406 40389 = = 348 348 50 50 (no closing nulls)	CW	(AB-J/AtB)
M14	31-1	0520	10243	Tue	952 348 348 50 50 = = 97702 53417 42047 ...71953 97406 40389 = = 348 348 50 50 00000	CW	(AB-J/AtB)
M21	19-1	0753	5980.5	Thu	=991053??8????? =991054??8????? =991055??8?????	CW	(AB)
M22	1-1	2026	6607	Sun	VVV DE 4XZ 4XZ 4XZ	CW	(F50IH)
M23	1-1	0658	5423	Sun	Hourly beep	CW	(AB)
M23	1-1	1758	5345	Sun	Hourly beep	CW	(AB)
M23	1-1	1758	5345	Sun	Hourly beep	CW	(BR)
M23	1-1	1858	5345	Sun	Hourly beep	CW	(AB)
M23	1-1	1958	5345	Sun	Hourly beep	CW	(AB)
M23	1-1	2058	5345	Sun	Hourly beep	CW	(AB)
M23	1-1	2158	5345	Sun	Hourly beep	CW	(AB)
M23	2-1	0458	5345	Mon	Hourly beep	CW	(AB)
M23	2-1	1058	5345	Mon	Hourly beep	CW	(AB)
M23	2-1	1558	5345	Mon	Hourly beep	CW	(AB)
M23	3-1	0458	5345	Tue	Hourly beep	CW	(AB)
M23	3-1	1158	5345	Tue	Hourly beep	CW	(AB)
M23	3-1	1358	5345	Tue	Hourly beep	CW	(AB)
M23	3-1	1658	5345	Tue	Hourly beep	CW	(AB)
M23	4-1	0558	5345	Wed	Hourly beep	CW	(AB)
M23	4-1	1658	5345	Wed	Hourly beep	CW	(AB)
M23	5-1	1658	5345	Thu	Hourly beep	CW	(AB)
M23	6-1	0758	5345	Fri	Hourly beep	CW	(AB)
M23	7-1	0658	5345	Sat	Hourly beep	CW	(AB)
M23	7-1	1658	5345	Sat	Hourly beep	CW	(AB)
M23	8-1	0758	5345	Sun	Hourly beep	CW	(AB)
M23	9-1	0458	5345	Mon	Hourly beep	CW	(AB)
M23	10-1	1658	5345	Tue	Hourly beep	CW	(AB)
M23	11-1	0558	5345	Wed	Hourly beep	CW	(AB)
M23	12-1	0558	5345	Thu	Hourly beep	CW	(AB)
M23	13-1	0558	5345	Fri	Hourly beep	CW	(AB)
M23	13-1	1258	5345	Fri	Hourly beep	CW	(AB)
M23	14-1	1458	5345	Sat	Hourly beep	CW	(AB)
M23	15-1	0758	5345	Sun	Hourly beep	CW	(AB)
M23	16-1	0658	5345	Mon	Hourly beep	CW	(AB)
M23	17-1	1758	5345	Tue	Hourly beep	CW	(AB)
M23	18-1	0658	5345	Wed	Hourly beep	CW	(AB)
M23	19-1	0758	5345	Thu	Hourly beep	CW	(AB)
M23	20-1	0658	5345	Fri	Hourly beep	CW	(AB)
M23	21-1	0858	5345	Sat	Hourly beep	CW	(AB)
M23	22-1	0657	5345	Sun	Hourly beep	CW	(AB)

M23	22-1	0757	5345	Sun	Hourly beep	CW	(AB)
M23	22-1	0857	5345	Sun	Hourly beep	CW	(AB)
M23	23-1	0757	5345	Mon	Hourly beep	CW	(AB)
M23	24-1	0657	5345	Tue	Hourly beep	CW	(AB)
M23	25-1	0757	5345	Wed	Hourly beep	CW	(AB)
M23	26-1	0557	5345	Thu	Hourly beep	CW	(AB)
M23	27-1	0557	5345	Fri	Hourly beep	CW	(AB)
M23	28-1	0557	5345	Sat	Hourly beep	CW	(AB)
M23	29-1	0657	5345	Sun	Hourly beep	CW	(AB)
M23	29-1	0757	5345	Sun	Hourly beep	CW	(AB)
M23	30-1	0756	5345	Mon	Hourly beep	CW	(AB)
M23	31-1	0556	5345	Tue	Hourly beep	CW	(AB)
M32a	9-1	2103	5745	Mon	RJS: Russian Navy Vladivostok. RJE71 DE RJS ZIU ZDV K RJS RPT K	CW	(JPL-J)
M32a	18-1	1036	11185	Wed	RBE86 DE RCV QTC 741 = nawip 038 1572 ...	CW	(RL)
M32c	4-1	1330	8112	Wed	Russian Air Force: IWV4 = 268 715 889 056C ? K	CW	(AB)
M32c	4-1	1332	8990	Wed	Russian Air Force: IWV4 DE AF7H QTC K	CW	(AB)
M32c	4-1	1339	8112	Wed	Russian Air Force: W marker (R2) K	CW	(AB)
M32c	5-1	0539	4179	Thu	REA4 REA4 = = 99900 04160 25198 92285 8133 11024 21037 75627 88020 904// = REA4 K	CW	(AB)
M32c	5-1	1517	8816	Thu	RJC38 RMX DE 08370 QTC K 08370 DE RJC38 QRV K RJC38 QTH 14542 13943 QTR 1519 QBD 7000 QBD 0500 K	CW	(AB)
M32c	5-1	1548	8816	Thu	RJC38 RMX DE 08370 QTC K answer unreadable 57470 QTH 14419 14813 QTR 1548 QBD 7000 QRE XRFI 1645 RPT AL K	CW	(AB)
M32c	6-1	0820	7314	Fri	XXX XXX A2CA A2CA 48724 REPRIMAND 1149 5601 XXX XXX A2CA A2CA 48724 REPRIMAND 1149 5601 K	CW	(AB)
M32c	6-1	0823	7314	Fri	XXX XXX A2CA A2CA 72440 CEPKIW 0921 6418 WOLChIW 0050 6044 XXX XXX	CW	(AB)
M32c	6-1	0825	7314	Fri	XXX XXX HEDT HEDT 66127 SK OS OL XEV 8356 7757 XXX XXX HEDT HEDT 66127 SK OS OL XEV 8356 7757 K	CW	(AB)
M32c	6-1	0827	7314	Fri	XXX XXX A2CA A2CA 26342 POKOJNLJ 8337 7377 XXX XXX A2CA A2CA 26342 POKOJNLJ 8337 7377 K	CW	(AB)
M32c	6-1	0831	7314	Fri	XXX XXX A2CA A2CA 16080 WRAGOKOS 0668 9729 XXX XXX A2CA A2CA 06080 WRAGOKOS 0668 9729 K	CW	(AB)
M32c	6-1	0832	7314	Fri	XXX XXX HEDT HEDT 13312 SEWOPES 8598 8721 XXX XXX HEDT HEDT 13312 SEWOPES 8598 8721 K	CW	(AB)
M32c	6-1	0835	7314	Fri	XXX XXX A2CA A2CA 77736 PUPSOShELK 3941 7863 XXX XXX A2CA A2CA 77736 PUPSOShELK 3941 7865 K	CW	(AB)
M32c	6-1	0837	7314	Fri	REA4 REA4 = 60709 9900 05120 73842 72907 00000 11262 21297 8000 = REA4 K	CW	(AB)
M32c	6-1	0841	7314	Fri	XXX XXX A2CA A2CA 95445 CIFTOShWED 7135 8207 XXX XXX A2CA A2CA 95445 CIFTOShWED 7135 8207 K	CW	(AB)
M32c	9-1	1320	8112	Mon	Russian Air Force W-marker, also at 1340, 1400, 1420z	CW	(AB)
M32c	13-1	0959	7314	Fri	XXX XXX A2CA A2CA 73374 NRAWOSLOG 1685 1111 K	CW	(AB)
M32c	13-1	1040	7314	Fri	REA4 REA4 = 13090 99001 12120 62596 74997 23602 21265 21300 80000 = REA4 K	CW	(AB)
M32c	13-1	1240	7314	Fri	REA4 REA4 = 13110 99900 12130 62596 74997 23004 11282 21315 80001 = REA4 K	CW	(AB)

M32c	20-1	0821	7314	Fri	XXX XXX A2CA A2CA 01993 UGARONII 6669 8952 K	CW	(AB)
M32c	20-1	0825	7314	Fri	XXX XXX MSK7 MSK7 32126 DVAZOPAN 7236 7458 K	CW	(AB)
M32c	20-1	0826	7314	Fri	XXX XXX A2CA A2CA 99775 KUKUHKIN 0100 6533 OTWAL 0693 9993 K	CW	(AB)
M32c	20-1	0827	7314	Fri	XXX XXX MSK7 MSK7 57541 ROWOZEW 1778 8969 K	CW	(AB)
M32c	20-1	0827	7314	Fri	XXX XXX A2CA A2CA 06429 PXEDESTAL 8377 5382 K	CW	(AB)
M32c	20-1	0830	7314	Fri	XXX XXX HEDT HEDT 07747 BOGOMERZKIJ 8340 5199 K	CW	(AB)
M32c	20-1	0831	7314	Fri	XXX XXX A2CA A2CA 63449 PANKOKIEW 2620 1892 K	CW	(AB)
M32c	20-1	0833	7314	Fri	XXX XXX HEDT HEDT 55642 KORVOBAKS 5340 3423 K	CW	(AB)
M32c	20-1	0835	7314	Fri	XXX XXX A2CA A2CA 22053 BAJTOWNUK 3618 7327 K	CW	(AB)
M32c	20-1	0839	7314	Fri	XXX XXX A2CA A2CA 66597 DREMA 1302 4313 PNEWMOKOKK 3711 5465 K	CW	(AB)
M32c	20-1	0849	7314	Fri	XXX XXX A2CA A2CA 93208 468 = DDDDD followed by several 4LG messages	CW	(AB)
M32c	20-1	0911	7314	Fri	XXX XXX MSK7 MSK7 02536 KURDOPRIM 19975 7541 K	CW	(AB)
M32c	20-1	0916	7314	Fri	XXX XXX MSK7 MSK7 27734 OSKIF 9200 9577 K	CW	(AB)
M32c	20-1	0919	7314	Fri	XXX XXX MSK7 MSK7 76343 KAZNACHeIShA 7868 5337 K	CW	(AB)
M32c	20-1	0921	7314	Fri	XXX XXX MSK7 MSK7 19595 OShOGZUAW 5753 283 K	CW	(AB)
M32c	20-1	0923	7314	Fri	XXX XXX MSK7 MSK7 72723 WIZDOPLEN 4571 4679 K	CW	(AB)
M32c	20-1	1140	7314	Fri	REA4 REA4 = 20300 99900 19120 63596 68997 40101 11204 21344 84011 = REA4 K	CW	(AB)
M42	4-1	1304	18193	Wed	Russian diplo	OFDM-112	(AB)
M42	4-1	1320	18193	Wed	Russian diplo	OFDM-112	(AB)
M42	10-1	1017	20815	Tue	Russian diplo	Serdolik v2	(RO)
M89	1-1	2006	4718	Sun	V BSA5 (x3) DE TP4C (x2)	CW	(JPL)
M89	1-1	2022	4508	Sun	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	9-1	2026	3565	Mon	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	9-1	2026	4718	Mon	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	9-1	2027	4508	Mon	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	10-1	1909	3801	Tue	i.p. N36N NN6T N66U TD46 TN5T DUN5 ...	CW	(JPL)
M89	10-1	1917	3967	Tue	i.p. RMKS 3778 TO 3288 K R = U76T 3UA6 7UUN .33T 4374 6UTA D4NU 736T TD4A TTA7 AADT DDN3 377T ...	CW	(JPL)
M89	10-1	1922	4508	Tue	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	10-1	1924	4718	Tue	V BSA5 (x3) DE TP4C (x2)	CW	(JPL)
M89	10-1	1928	3801	Tue	i.p. TT3U AR K K R MSG K (Other station also on freq)	CW	(JPL)
M89	10-1	1936	4350	Tue	i.p. 43U5 AU43 AU34 46A5 A3U5 T7AD NT7A ... AR	CW	(JPL)
M89	11-1	1547	3565	Wed	V BSA5 (x3) DE TP4C (x2)	CW	(JPL)
M89	11-1	1552	4508	Wed	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	11-1	1829	4190	Wed	i.p. 437A N7T6 4NTN NA67	CW	(JPL)
M89	12-1	1120	4860	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	12-1	1120	6840	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	12-1	1127	3565	Thu	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	12-1	1127	4718	Thu	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	12-1	1130	4720	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	12-1	1130	5150	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	12-1	1131	4726	Thu	V QPL(x3) DE 4WQ (x2) (R5) QSA ? K	CW	(JPL)

M89	12-1	2320	4860	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	12-1	2320	6840	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	12-1	2326	7716	Thu	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	13-1	0007	8060	Fri	i.p. AR FF NR 0123/EX 1809 = 1FK2/3.W6 AR QSY 35 QSY 35	CW	(JPL)
M89	13-1	0020	4860	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	13-1	0020	6840	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	13-1	0024	7716	Fri	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	13-1	0027	6986	Fri	i.p. R GA 1W = 34UA AUU6 5A3T 5N4D 4D46 TUTA N3T7 776D TT5U TAUT ...	CW	(JPL)
M89	13-1	1510	3500	Fri	i.p. 6U75 TADN 37TD 546N 7A4A 53D6 AR	CW	(JPL)
M89	13-1	1520	4860	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	13-1	1520	6840	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)
M89	13-1	1521	4508	Fri	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	13-1	1524	4718	Fri	V BSA5 (x3) DE TP4C (x2)	CW	(JPL)
M89	13-1	1546	3565	Fri	V BSA5 (x3) DE TP4C (x2) //4728	CW	(JPL)
M89	13-1	1546	4718	Fri	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	13-1	1557	5077	Fri	i.p. 7D35 NAD7 TA3U 6A47 4D3N 54N6 3ADU ... AR K	CW	(JPL)
M89	17-1	1909	3565	Tue	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	17-1	1909	4718	Tue	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	17-1	1911	4508	Tue	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	17-1	1919	4423	Tue	i.p. RPT 76W NN47 NN47 K. R RPT 87W TO 88W = 4A5N 4A5N TT7A TT7A = AR K. R RPT 8WW D7DT D7DT	CW	(JPL)
M89	20-1	0727	6378	Fri	TP4C: R HR MSG GA K. MSG NR 4024 CK 101 21 0110 1530 RMKS 5498 TO 5494 K. R = ADN3 73N6 54D3 35NA 67NT AD46 A43T A63 7346 3NAT 3D7T 4AN7 ... //7045	CW	(JPL)
M89	20-1	0727	7045	Fri	TP4C: R HR MSG GA K. MSG NR 4024 CK 101 21 0110 1530 RMKS 5498 TO 5494 K. R = ADN3 73N6 54D3 35NA 67NT AD46 A43T A63 7346 3NAT 3D7T 4AN7 ... //6378	CW	(JPL)
M89	20-1	0752	5617	Fri	i.p. ADD7 57ND DD46 DANT TD4N 7NTD DU56 III K R O3P 01W GA = D5N D56N DN64 N7A4 5N46 N4D6 6A47 4DDN TD4U 76AD ...	CW	(JPL)
M89	20-1	1831	4508	Fri	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	20-1	1841	3565	Fri	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	20-1	1841	4718	Fri	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	21-1	2027	4508	Sat	V 9GWQ (x3) DE J2PX (x2)	CW	(JPL)
M89	21-1	2030	4720	Sat	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K	CW	(JPL)
M89	21-1	2033	3565	Sat	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	21-1	2033	4718	Sat	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	22-1	1720	4860	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	22-1	1720	6840	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4869	CW	(JPL)
M89	22-1	1726	3565	Sun	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	22-1	1726	4718	Sun	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	22-1	1730	5150	Sun	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K	CW	(JPL)
M89	22-1	1744	8500	Sun	i.p A476 U7T7 T5DN T543 3U76 DA5A 6AD6 3D74 ... AR R QSL 0146 K R SK GB R NIL SK GB	CW	(JPL)
M89	31-1	1520	4860	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840	CW	(JPL)
M89	31-1	1520	6840	Tue	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860	CW	(JPL)

M89	31-1	1530	4720	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //5150	CW	(JPL)
M89	31-1	1530	5150	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //4720	CW	(JPL)
M89	31-1	1532	4726	Tue	V QPL(x3) DE 4WQ (x2) (R5) QSA ? K	CW	(JPL)
M89	31-1	1541	4699	Tue	i.p. 3T67 57TA 5333 UA56 T7NA TT56 476D ... AR K R RPT 1P 11W TO 16W = 7UU4 6367 5TN5 4U4A 6D5T DUUN AR K (Qsx 4659)	CW	(JPL)
M89	31-1	1550	5279	Tue	i.p. N4DN UT6T UNUU NDN5 74TT T7A5 5563 UU43 ... III = 35AN AR K (Qsx 5425)	CW	(JPL)
M89	31-1	1556	5425	Tue	i.p. 2310 RMKS 7303 TO 7382 K. 3AAU 43DD 3TTU U47A DTNA TUDA DN6T T3T4 U34D TT47 3UD6 AD73 763D ... (Qsx 5279)	CW	(JPL)
M89	31-1	1606	5821	Tue	i.p. 71/X417A/COMM/3189 AR HR SVC GA HR SVC GA =	CW	(JPL)
M95	1-1	2010	5651	Sun	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	9-1	2032	5651	Mon	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	11-1	1538	3344	Wed	i.p. R RPT 62W = 4A6T 4A6T CK R QSL 2337 K (Both stations on this frequency)	CW	(JPL)
M95	11-1	1544	5651	Wed	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	11-1	1554	3705	Wed	i.p. UN45 73T5 3NNA U56U A6U7 736A 3T37 T5U6 ... AR K	CW	(JPL)
M95	12-1	1137	4364	Thu	V BNGC (x3) DE XSV85 (X2) HR MSGS GA PSE CY NR 0040 CK 259 35 0112 1600 = //8073	CW	(JPL)
M95	12-1	1137	8073	Thu	V BNGC (x3) DE XSV85 (X2) HR MSGS GA PSE CY NR 0040 CK 259 35 0112 1600 = //4364	CW	(JPL)
M95	12-1	1152	4243	Thu	VVV VV HR MSG TO YR PSE CY HR 24 CK 207 35 35 0112 1522 = UTU TAU 3U6 3A4 ...	CW	(JPL)
M95	12-1	1158	5651	Thu	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	12-1	1201	4111	Thu	i.p. = DU6A NUD6 K R RPT 2P 11W TO 16W K (Both stations on this frequency)	CW	(JPL)
M95	12-1	2351	9054	Thu	VV HR MSG TO YR PSE CY NR 084 CK 23 35 0113 0608 =	CW	(JPL)
M95	12-1	2355	5651	Thu	xp5b xp5b xp5b de s2dj s2dj v	CW	(Phi)
M95	13-1	0004	4364	Fri	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY //8073	CW	(JPL)
M95	13-1	0004	8073	Fri	V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY //4364	CW	(JPL)
M95	13-1	0012	9348	Fri	i.p. TU53 7DAR 5UND 47T3 3U47 TN56 DAU3 ... AR	CW	(JPL)
M95	13-1	0035	9153	Fri	XSV70 i.p. CY NR 037 CK 122 35 0113 0704 UU6 UT3 TA3 3U4 3A4 TT4 773 ...	CW	(JPL)
M95	13-1	1528	5651	Fri	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	13-1	1535	5036	Fri	i.p. R GA NR 10..9/CCK CK 81 12 0113 2330 RMKS 0174 TO 0055 =	CW	(JPL)
M95	17-1	1906	4178	Tue	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	20-1	0802	5337	Fri	i.p. MSG NR 007/CCK CK 5158 012. .. RMKS 2802 TO 2800 K. R RPT 7G NR K. NR R MSG 01W BT BT BT .TD	CW	(JPL)
M95	20-1	0802	5651	Fri	V XP5B (x3) DE S2DJ (x2) //12039	CW	(JPL)
M95	20-1	0802	12039	Fri	V XP5B (x3) DE S2DJ (x2) //5651	CW	(JPL)
M95	20-1	1828	4178	Fri	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	21-1	2044	4178	Sat	V XP5B (x3) DE S2DJ (x2)	CW	(JPL)
M95	22-1	1736	4178	Sun	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	22-1	1736	7517	Sun	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
M95	31-1	1515	4178	Tue	V XP5B (x3) DE S2DJ (x2) //7517	CW	(JPL)
M95	31-1	1515	7517	Tue	V XP5B (x3) DE S2DJ (x2) //4178	CW	(JPL)
MX	1-1	0631	10871.7	Sun	Beacon D, Sevastopol	CW	(F5OIH)
MX	1-1	0632	8494.7	Sun	Beacon D, Sevastopol	CW	(F5OIH)
MX	1-1	0632	8495	Sun	Beacon C, Moscow	CW	(F5OIH)
MX	1-1	0633	8497.8	Sun	Beacon L, St Petersburg	CW	(F5OIH)

MX	1-1	0637	7508.7	Sun	Beacon D, Sevastopol	CW	(F5OIH)
MX	1-1	0637	7508.8	Sun	Beacon P: Kaliningrad	CW	(F5OIH)
MX	1-1	0638	7508.9	Sun	Beacon S, Severomorsk	CW	(F5OIH)
MX	1-1	0640	5153.9	Sun	Beacon S, Severomorsk	CW	(F5OIH)
MX	1-1	0642	13527.7	Sun	Beacon D, Sevastopol	CW	(F5OIH)
MX	1-1	2023	8495.1	Sun	Beacon A, Astrakhan	CW	(F5OIH)
MX	1-1	2024	7509.1	Sun	Beacon A, Astrakhan	CW	(F5OIH)
MX	1-1	2028	5153.7	Sun	Beacon D, Sevastopol	CW	(F5OIH)
MX	1-1	2029	5154.1	Sun	Beacon A, Astrakhan	CW	(F5OIH)
MX	3-1	1243	20047.9	Tue	Beacon S, Severomorsk	CW	(F5OIH)
MX	3-1	1249	16332	Tue	Beacon C, Moscow	CW	(F5OIH)
MX	24-1	1724	16332	Tue	Beacon C, Moscow	CW	(AB)
MX	24-1	1727	13527.7	Tue	Beacon D, Sevastopol	CW	(AB)
MX	24-1	1727	13527.9	Tue	Beacon S, Sevoromorsk	CW	(AB)
MX	26-1	1506	16332	Thu	Beacon C, Moscow	CW	(RL)
MX	31-1	0518	10972.3	Tue	Beacon K, Petropavlovsk Kamchatskiy	CW	(AB-J)
MX	31-1	0519	13528.3	Tue	Beacon K, Petropavlovsk Kamchatskiy	CW	(AB-J)
MX	31-1	0519	13528.4	Tue	Beacon M, Magadan	CW	(AB-J)
MX	31-1	0559	8495.3	Tue	Beacon K, Petropavlovsk Kamchatskiy	CW	(AB-J)
MX	31-1	0559	8495.4	Tue	Beacon M, Magadan	CW	(AB-J)
P03	1-1	1935	6849	Sun	Polish intel.	PSK	(AB-POL)
P03	1-1	1940	6849	Sun	Polish intel.	PSK	(AB-POL)
P03	3-1	0430	6252	Tue	Polish intel.	PSK	(AB)
P03	3-1	0435	6252	Tue	Polish intel.	PSK	(AB)
P03	5-1	0430	6252	Thu	Polish intel.	PSK	(AB)
P03	5-1	0435	6252	Thu	Polish intel.	PSK	(AB)
P03	10-1	0430	6252	Tue	Polish intel.	PSK	(AB)
P03	10-1	0435	6252	Tue	Polish intel.	PSK	(AB)
P03	12-1	0430	6252	Thu	Polish intel.	PSK	(AB)
P03	12-1	0435	6252	Thu	Polish intel.	PSK	(AB)
P03	17-1	0430	6252	Tue	Polish intel.	PSK	(AB)
P03	17-1	0435	6252	Tue	Polish intel.	PSK	(AB)
P03	19-1	0430	6252	Thu	Polish intel.	PSK	(AB)
P03	19-1	0435	6252	Thu	Polish intel.	PSK	(AB)
P03	24-1	0430	6252	Tue	Polish intel.	PSK	(AB)
P03	24-1	0435	6252	Tue	Polish intel.	PSK	(AB)
P03	26-1	0430	6252	Thu	Polish intel.	PSK	(AB)
P03	26-1	0435	6252	Thu	Polish intel.	PSK	(AB)
P03	31-1	0430	6252	Tue	Polish intel.	PSK	(AB)
P03	31-1	0435	6252	Tue	Polish intel.	PSK	(AB)
P03e	1-1	1515	10800	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	1-1	1520	10800	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)

P03e	1-1	1725	5194	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	1-1	1730	5194	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	3-1	1725	5194	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	3-1	1730	5194	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	6-1	1515	10800	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	6-1	1520	10800	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	8-1	1515	10800	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	8-1	1520	10800	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	8-1	1725	5194	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	8-1	1730	5194	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10-1	1725	5194	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	10-1	1730	5194	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13-1	1515	10800	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	13-1	1520	10800	Fri	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	15-1	1515	10800	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	15-1	1520	10800	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	15-1	1725	5194	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	15-1	1730	5194	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	17-1	1725	5194	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	17-1	1730	5194	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	20-1	1515	10800	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	20-1	1520	10800	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	22-1	1515	10800	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	22-1	1520	10800	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	22-1	1725	5194	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	22-1	1730	5194	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	24-1	1725	5194	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	24-1	1730	5194	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	27-1	1515	10800	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	27-1	1520	10800	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	29-1	1515	10800	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	29-1	1520	10800	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	29-1	1725	5194	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	29-1	1730	5194	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	31-1	1725	5194	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	31-1	1730	5194	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03g	4-1	1315	13046	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	4-1	1320	13046	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	6-1	1315	13046	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	6-1	1320	13046	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	11-1	1315	13046	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	11-1	1320	13046	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)

P03g	13-1	1315	13046	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	13-1	1320	13046	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	18-1	1315	13046	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	18-1	1320	13046	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	20-1	1315	13046	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	20-1	1320	13046	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	25-1	1315	13046	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	25-1	1320	13046	Wed	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	27-1	1315	13046	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03g	27-1	1320	13046	Fri	Polish intel.	BPSK 50Bd/464bp	(AB)
P03h	2-1	0530	9079	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	2-1	0535	9079	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	4-1	0530	9079	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	4-1	0535	9079	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	9-1	0530	9079	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	9-1	0535	9079	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	11-1	0530	9079	Wed	Polish intel.	BPSK 100Bd/512bp	(Time)
P03h	11-1	0535	9079	Wed	Polish intel.	BPSK 100Bd/512bp	(Time)
P03h	16-1	0530	9079	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	16-1	0535	9079	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	18-1	0530	9079	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	18-1	0535	9079	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	23-1	0530	9079	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	23-1	0535	9079	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	25-1	0530	9079	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	25-1	0535	9079	Wed	Polish intel.	BPSK 100Bd/512bp	(AB)
P03h	30-1	0530	9079	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03h	30-1	0535	9079	Mon	Polish intel.	BPSK 100Bd/512bp	(AB-POL)
P03i	3-1	0725	9052	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	3-1	0730	9052	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	3-1	0800	14656	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	3-1	0805	14656	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	3-1	1800	6480	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	3-1	1805	6480	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	4-1	0430	9079	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	4-1	0435	9079	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	4-1	0800	14656	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	4-1	0805	14656	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5-1	0430	9079	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5-1	0435	9079	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5-1	0725	9052	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	5-1	0730	9052	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)

P03i	5-1	1800	6480	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	5-1	1805	6480	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	10-1	0725	9052	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	10-1	0730	9052	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	10-1	0800	14656	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	10-1	0805	14656	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	10-1	1800	6480	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	10-1	1805	6480	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	11-1	0430	9079	Wed	Polish intel.	BPSK 62.5Bd/464bp	(Time)
P03i	11-1	0435	9079	Wed	Polish intel.	BPSK 62.5Bd/464bp	(Time)
P03i	11-1	0800	14656	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	11-1	0805	14656	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	12-1	0430	9079	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	12-1	0435	9079	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	12-1	0725	9052	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	12-1	0730	9052	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	12-1	1800	6480	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	12-1	1805	6480	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	17-1	0725	9052	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	17-1	0730	9052	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	17-1	0800	14656	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	17-1	0805	14656	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	17-1	1800	6480	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	17-1	1805	6480	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	18-1	0430	9079	Wed	Polish intel.	BPSK 62.5Bd/464bp	(Time)
P03i	18-1	0435	9079	Wed	Polish intel.	BPSK 62.5Bd/464bp	(Time)
P03i	18-1	0800	14656	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	18-1	0805	14656	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	19-1	0430	9079	Thu	Polish intel.	BPSK 62.5Bd/464bp	(Time)
P03i	19-1	0435	9079	Thu	Polish intel.	BPSK 62.5Bd/464bp	(Time)
P03i	19-1	0725	9052	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	19-1	0730	9052	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	19-1	1800	6480	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL/MPJ)
P03i	19-1	1805	6480	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL/MPJ)
P03i	24-1	0725	9052	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	24-1	0730	9052	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	24-1	0800	14656	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/RL)
P03i	24-1	0805	14656	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/RL)
P03i	24-1	1800	6480	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	24-1	1805	6480	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	25-1	0430	9079	Wed	Polish intel.	BPSK 62.5Bd/464bp	(Time)
P03i	25-1	0435	9079	Wed	Polish intel.	BPSK 62.5Bd/464bp	(Time)

P03i	25-1	0800	14656	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	25-1	0805	14656	Wed	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	26-1	0430	9079	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	26-1	0435	9079	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB-POL)
P03i	26-1	0725	9052	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	26-1	0730	9052	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	26-1	1800	6480	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	26-1	1805	6480	Thu	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	31-1	0725	9052	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	31-1	0730	9052	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	31-1	0800	14656	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	31-1	0805	14656	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB)
P03i	31-1	1800	6480	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03i	31-1	1805	6480	Tue	Polish intel.	BPSK 62.5Bd/464bp	(AB/MPJ)
P03j	2-1	1830	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	2-1	1835	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	5-1	1830	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	5-1	1835	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	9-1	1830	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	9-1	1835	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	12-1	1830	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	12-1	1835	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16-1	1830	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16-1	1835	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	19-1	1830	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB-POL/MPJ)
P03j	19-1	1835	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB-POL/MPJ)
P03j	23-1	1830	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	23-1	1835	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	26-1	1830	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	26-1	1835	6906	Thu	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	30-1	1830	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	30-1	1835	6906	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03k	1-1	0530	10210	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	1-1	0535	10210	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	1-1	0630	5844	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-1	0635	5844	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-1	1100	8102	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	1-1	1105	8102	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	1-1	1200	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	1-1	1205	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	1-1	1220	9399	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	1-1	1225	9399	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)

P03k	1-1	1950	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	1-1	1955	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	2-1	1200	4356	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	2-1	1205	4356	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	2-1	1220	9399	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	2-1	1225	9399	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	3-1	1230	14415	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	3-1	1235	14415	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	4-1	1310	9063	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-1	1315	9063	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-1	1800	4242	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	4-1	1805	4242	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-1	1200	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-POL)
P03k	5-1	1205	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-POL)
P03k	5-1	1950	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5-1	1955	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-1	0530	10210	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-1	0535	10210	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6-1	1100	8102	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6-1	1105	8102	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-1	0630	5844	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-1	0635	5844	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	7-1	1200	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	7-1	1205	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	7-1	1230	14415	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-1	1235	14415	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-1	1310	9063	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	7-1	1315	9063	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-1	0530	10210	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	8-1	0535	10210	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	8-1	0630	5844	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-1	0635	5844	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-1	1100	8102	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-1	1105	8102	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	8-1	1200	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	8-1	1205	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	8-1	1220	9399	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	8-1	1225	9399	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	8-1	1950	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	8-1	1955	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	9-1	1200	4356	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	9-1	1205	4356	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	9-1	1220	9399	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9-1	1225	9399	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	10-1	1230	14415	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/RL)
P03k	10-1	1235	14415	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/RL)
P03k	11-1	1310	9063	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-1	1315	9063	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-1	1800	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	11-1	1805	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-1	1200	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	12-1	1205	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	12-1	1950	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12-1	1955	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-1	0530	10210	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-1	0535	10210	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-1	1100	8102	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13-1	1105	8102	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-1	0630	5844	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-1	0635	5844	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-1	1200	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-AUT)
P03k	14-1	1205	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ-AUT)
P03k	14-1	1230	14415	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-1	1235	14415	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	14-1	1310	9063	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	14-1	1315	9063	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-1	0630	5844	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-1	0635	5844	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-1	1100	8102	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-1	1105	8102	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-1	1200	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	15-1	1205	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	15-1	1220	9399	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	15-1	1225	9399	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	15-1	1950	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	15-1	1955	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16-1	1200	4356	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	16-1	1205	4356	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	16-1	1220	9399	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16-1	1225	9399	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	17-1	1230	14415	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	17-1	1235	14415	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)

P03k	18-1	1310	9063	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	18-1	1315	9063	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-1	1200	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	19-1	1205	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	19-1	1950	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	19-1	1955	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-1	0530	10210	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-1	0535	10210	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-1	1100	8102	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	20-1	1105	8102	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-1	0630	5844	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-1	0635	5844	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	21-1	1200	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	21-1	1205	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	21-1	1230	14415	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-1	1235	14415	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-1	1310	9063	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-1	1315	9063	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-1	1800	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	21-1	1805	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	22-1	0630	5844	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-1	0635	5844	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-1	1100	8102	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-1	1105	8102	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-1	1200	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	22-1	1205	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	22-1	1220	9399	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	22-1	1225	9399	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	22-1	1950	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	22-1	1955	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-1	1200	4356	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	23-1	1205	4356	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	23-1	1220	9399	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	23-1	1225	9399	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	24-1	1230	14415	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/RL)
P03k	24-1	1235	14415	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/RL)
P03k	25-1	1310	9063	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-1	1315	9063	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-1	1800	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	25-1	1805	4356	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-1	1200	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	26-1	1205	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB-POL)

P03k	26-1	1950	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	26-1	1955	4356	Thu	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-1	0530	10210	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-1	0535	10210	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-1	1100	8102	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	27-1	1105	8102	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-1	0630	5844	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-1	0635	5844	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-1	1200	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	28-1	1205	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(AB-POL/MPJ)
P03k	28-1	1230	14415	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-1	1235	14415	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-1	1310	9063	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-1	1315	9063	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	28-1	1800	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	28-1	1805	4356	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	29-1	0530	10210	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-1	0535	10210	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-1	0630	5844	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-1	0635	5844	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-1	1100	8102	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-1	1105	8102	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-1	1200	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	29-1	1205	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	29-1	1220	9399	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	29-1	1225	9399	Sun	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	29-1	1950	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	29-1	1955	4356	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-1	1200	4356	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	30-1	1205	4356	Mon	Polish intel.	BPSK 100Bd/480bp	(AB-POL)
P03k	30-1	1220	9399	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	30-1	1225	9399	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	31-1	1230	14415	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	31-1	1235	14415	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03I	1-1	1245	5779	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	1-1	1250	5779	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	4-1	1345	9079	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	4-1	1350	9079	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	6-1	1345	9079	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	6-1	1350	9079	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	7-1	1245	5779	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	7-1	1250	5779	Sat	Polish intel.	QPSK 100Bd/464bp	(AB)

P03I	8-1	1245	5779	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	8-1	1250	5779	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	11-1	1345	9079	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	11-1	1350	9079	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	13-1	1345	9079	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	13-1	1350	9079	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	14-1	1245	5779	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-AUT)
P03I	14-1	1250	5779	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ-AUT)
P03I	15-1	1245	5779	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	15-1	1250	5779	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	18-1	1345	9079	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	18-1	1350	9079	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	20-1	1345	9079	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	20-1	1350	9079	Fri	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	21-1	1245	5779	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	21-1	1250	5779	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	22-1	1245	5779	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	22-1	1250	5779	Sun	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	25-1	1345	9079	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	25-1	1350	9079	Wed	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	27-1	1345	9079	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	27-1	1350	9079	Fri	Polish intel.	QPSK 100Bd/464bp	(AB)
P03I	28-1	1245	5779	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	28-1	1250	5779	Sat	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	29-1	1245	5779	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P03I	29-1	1250	5779	Sun	Polish intel.	QPSK 100Bd/464bp	(AB/MPJ)
P07	1-1	1500	7584	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	1-1	1510	6926	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	1-1	1520	5814	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	1-1	1530	5471	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	1-1	1540	5094	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	1-1	1550	4639	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	4-1	1500	7584	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	4-1	1510	6926	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	4-1	1520	5814	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	4-1	1530	5471	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	4-1	1540	5094	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	4-1	1550	4639	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	8-1	1500	7584	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	8-1	1510	6926	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	8-1	1520	5814	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	8-1	1530	5471	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)

P07	8-1	1540	5094	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	8-1	1550	4639	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-1	1500	7584	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-1	1510	6926	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-1	1520	5814	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-1	1530	5471	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-1	1540	5094	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	11-1	1550	4639	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	15-1	1500	7584	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	15-1	1510	6926	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	15-1	1520	5814	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	15-1	1530	5471	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	15-1	1540	5094	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	15-1	1550	4639	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	18-1	1500	7584	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-1	1510	6926	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-1	1520	5814	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-1	1530	5471	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-1	1540	5094	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	18-1	1550	4639	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	22-1	1500	7584	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	22-1	1510	6926	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	22-1	1520	5814	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	22-1	1530	5471	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	22-1	1540	5094	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	22-1	1550	4639	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	25-1	1500	7584	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	25-1	1510	6926	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	25-1	1520	5814	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	25-1	1530	5471	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	25-1	1540	5094	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	25-1	1550	4639	Wed	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB)
P07	29-1	1500	7584	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	29-1	1510	6926	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	29-1	1520	5814	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	29-1	1530	5471	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	29-1	1540	5094	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
P07	29-1	1550	4639	Sun	Russian intel.	8xQSPK/62.5Bd/125Hz+250Bd BPSK	(AB/MPJ)
Q26	2-1	1047	17055	Mon	4HTC 4HTC 4HTC DE XQGU XQGU XQGU (R) XYXYXYXYXYXY QSL 1849 XRZQQT CLBI K	4+4 QPSK 75/3000 LSB	(EW)
Q26	5-1	1142	16616	Thu	UQUQ DQ? XXX QB XXX 3YX7 3YXD171 QSA D171 D171 D171 DE 47TP 47TP 47TP QSA? ///	4+4 QPSK 75/3000 LSB	(EW)
Q26	6-1	1130	8073	Fri	BNGC BNGC BNGC DE VSF85 VSF85 BNGC BNGC BNGC DE VSF85 HR MSGS GA PSE CY0023 CK513 35 0106 1653 --	4+4 QPSK 75/3000 LSB	(EW)

Q26	12-1	1132	4364	Thu	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	12-1	1132	8073	Thu	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	12-1	1144	4243	Thu	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	12-1	2343	9054	Thu	Messages	4+4 QPSK 75/3000 LSB	(JPL)
Q26	13-1	0000	4364	Fri	XSV85: messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	13-1	0000	8073	Fri	XSV85: messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
S06	6-1	2000	7812	Fri	637 637 637 00000	USB	(AB)
S06	6-1	2100	5743	Fri	637 637 637 00000	USB	(AB)
S06	20-1	2000	7812	Fri	637 637 637 00000	USB	(AB/HFD)
S06	20-1	2100	5473	Fri	637 637 637 00000	USB	(AB/HFD)
S06	22-1	1400	10755	Sun	975 346 50 99610 57011 08905 ... 32997 13119 68385 346 50 00000 (restarts during the message)	USB	(JZ/Priyom)
S06	22-1	1710	11073	Sun	352 681 50 06357 13146 33295 ... 08574 64771 94967 681 50 00000 (restarts during the message)	USB	(Priyom)
S06	24-1	1220	11487	Tue	534 267 31 64463 19081 27226 ... 01240 69692 72621 267 31 00000 Several restarts during the message	USB	(T101)
S06	24-1	1310	9412	Tue	534 267 31 64463 19081 27226 ... 01240 69692 72621 267 31 00000	USB	(T101/PY/VSh)
S06c	30-1	1020	15711	Mon	800Hz test tones, then at 1022z: 11190 (R4m)	USB	(JZ)
S06c	30-1	1035	15711	Mon	11190 (R4m)	USB	(JZ)
S06c	30-1	1041	13499	Mon	800Hz test tones, then at 1045z: 11190 (R4m)	USB	(PY)
S11a	1-1	0830	5371	Sun	373/00	USB	(AB)
S11a	2-1	0510	9057	Mon	654/37 Vnimanaye 02204 62453 99359 ... 57927 93513 84001 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	2-1	0700	9050	Mon	476/31 Vnimanaye 38847 78377 11337 ... 98348 03526 22667 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	2-1	0915	6252	Mon	484/00	USB	(AB)
S11a	3-1	0445	11559	Tue	797/00	USB	(AB-CYP)
S11a	3-1	0500	12530	Tue	387/39 Vnimanaye 59678 90874 60102 ... 77519 48424 Vnimanaye (message repeated) Konets	USB	(AB-CYP)
S11a	3-1	1400	6252	Tue	427/00	USB	(AB/MPJ-HOL)
S11a	4-1	0510	9057	Wed	654/37 Vnimanaye 02204 62453 99359 ... 57927 93513 84001 Vnimanaye (message repeated) Konets	USB	(AB-POL)
S11a	4-1	1850	11486	Wed	280/00	USB	(AB-POL)
S11a	5-1	0445	11559	Thu	790/00	USB	(AB-POL)
S11a	5-1	0500	12530	Thu	387/39 Vnimanaye 59678 90874 60102 ... 77519 48424 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	5-1	0700	9050	Thu	476/31 Vnimanaye 38847 78377 11337 ... 98348 03526 22667 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	6-1	0915	6252	Fri	480/00	USB	(AB)
S11a	6-1	1400	6252	Fri	420/00	USB	(AB)
S11a	7-1	0830	5371	Sat	373/00	USB	(AB)
S11a	7-1	1850	11486	Sat	286/00	USB	(AB-POL)

S11a	8-1	0830	5371	Sun	371/00	USB	(AB)
S11a	9-1	0510	9057	Mon	654/00	USB	(AB-POL)
S11a	9-1	0700	9050	Mon	477/00	USB	(AB-POL)
S11a	9-1	0915	6252	Mon	487/00	USB	(AB-POL)
S11a	10-1	0445	11559	Tue	790/00	USB	(AB-POL)
S11a	10-1	0500	12530	Tue	387/00	USB	(AB-CYP)
S11a	10-1	1400	6252	Tue	425/31 Vnimanaye 03604 71602 84134 ... 80377 12369 43206 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	11-1	0510	9057	Wed	659/00	USB	(Time)
S11a	11-1	1850	11486	Wed	286/38 Vnimanaye 95595 95398 08061 ... 17830 95178 85697 Vnimanaye (message repeated) Out	USB	(AB-POL)
S11a	12-1	0445	11559	Thu	798/00	USB	(AB-CYP)
S11a	12-1	0500	12530	Thu	384/00	USB	(AB-CYP)
S11a	12-1	0700	9050	Thu	471/00	USB	(AB)
S11a	13-1	0915	6252	Fri	487/00	USB	(AB)
S11a	13-1	1400	6252	Fri	425/31 Vnimanaye 03604 71602 84134 ... 80377 12369 43206 Vnimanaye (message repeated) Konets	USB	(AB)
S11a	14-1	0830	5371	Sat	379/00	USB	(AB)
S11a	14-1	1850	11486	Sat	286/38 Vnimanaye 95595 95398 08061 ... 17830 95178 85697 Vnimanaye (message repeated) Out	USB	(AB-POL)
S11a	15-1	0830	5371	Sun	370/00	USB	(AB)
S11a	16-1	0510	9057	Mon	650/00	USB	(AB-CYP)
S11a	16-1	0700	9050	Mon	471/00	USB	(AB)
S11a	16-1	0915	6252	Mon	480/00	USB	(AB-POL)
S11a	17-1	0445	11559	Tue	794/00	USB	(AB-POL)
S11a	17-1	0500	12530	Tue	389/00	USB	(AB-POL)
S11a	17-1	1400	6252	Tue	424/00	USB	(AB/MPJ-HOL)
S11a	18-1	0510	9057	Wed	654/00	USB	(AB-POL)
S11a	18-1	1850	11486	Wed	280/00	USB	(AB-POL)
S11a	19-1	0445	11559	Thu	793/00	USB	(Time)
S11a	19-1	0500	12530	Thu	385/00	USB	(AB-POL)
S11a	19-1	0700	9050	Thu	472/00	USB	(AB)
S11a	20-1	0915	6252	Fri	484/00	USB	(AB)
S11a	20-1	1400	6252	Fri	421/00	USB	(AB)
S11a	21-1	0830	5371	Sat	373/00	USB	(AB)
S11a	21-1	1850	11486	Sat	281/00	USB	(AB-POL)
S11a	22-1	0830	5371	Sun	370/00	USB	(AB)
S11a	23-1	0510	9057	Mon	652/00	USB	(AB-POL)
S11a	23-1	0700	9050	Mon	471/00	USB	(AB)
S11a	23-1	0915	6252	Mon	481/33 Vnimanaye 84167 07102 23643 ... 99595 09516 42290 Vnimanaye (message repeated) Konets	USB	(AB-POL)

S11a	24-1	0445	11559	Tue	797/39 Vnimanije 95667 05928 28407 ... 85445 07482 91340 Vnimanije (message re-peated) Konets	USB	(AB-POL)
S11a	24-1	0500	12530	Tue	381/00	USB	(AB-POL)
S11a	24-1	1400	6252	Tue	429/00	USB	(AB)
S11a	25-1	0510	9057	Wed	651/00	USB	(AB-POL)
S11a	25-1	1850	11486	Wed	286/00	USB	(AB-POL)
S11a	26-1	0445	11559	Thu	797/39 Vnimanije 95667 05928 28407 ... 85445 07482 91340 Vnimanije (message re-peated) Konets	USB	(AB-POL)
S11a	26-1	0500	12530	Thu	383/00	USB	(AB-POL)
S11a	26-1	0700	9050	Thu	471/00	USB	(AB)
S11a	27-1	0915	6252	Fri	481/33 Vnimanije 84167 07102 23643 ... 99595 09516 42290 Vnimanije (message re-peated) Konets	USB	(AB)
S11a	27-1	1400	6252	Fri	422/00	USB	(AB)
S11a	28-1	0830	5371	Sat	376/34 Vnimanije 56723 75080 94761 ... 89314 33231 91449 Vnimanije (message re-peated) Konets	USB	(AB)
S11a	29-1	0830	5371	Sun	376/34 Vnimanije 56723 75080 94761 ... 89314 33231 91449 Vnimanije (message re-peated) Konets	USB	(AB)
S11a	30-1	0510	9057	Mon	655/00	USB	(AB-POL)
S11a	30-1	0700	9050	Mon	472/00	USB	(AB)
S11a	30-1	0915	6252	Mon	483/00	USB	(AB-POL)
S11a	31-1	0445	11559	Tue	790/00	USB	(AB-POL)
S11a	31-1	0500	12530	Tue	381/00	USB	(AB-POL)
S11a	31-1	1400	6252	Tue	429/00	USB	(AB)
S28	28-1	0802	4625	Sat	NZhTI 81934 NYeONOVII 7643 1756	USB	(Vlad)
UM04	2-1	0800	4735	Mon	VVVVV PROMRCh = 02 01 = 1000 0860 0910 1090 1590 ... 0800 0370 0610 0740 0100 = AR	CW	(AB-GRC/Subilo)
UM04	3-1	0800	4735	Tue	VVV VVV PROMRCh = 03 01 = largely unreadable	CW	(AB-HNG/Subilo)
UM04	3-1	0800	4735	Tue	PROMRCh active but unreadable	CW	(Subilo/AB)
UM04	4-1	0800	4735	Wed	VVVVV PROMRCh = 0401 = 1000 0850 0900 1080 1580 ... 0800 0560 0610 0740 1100 = AR	CW	(Subilo/AB)
UM04	5-1	0800	4735	Thu	VVVVV PROMRCh = 05 01 = 1000 0840 0890 1070 1570 ... 0800 0560 0600 0730 1090 = AR	CW	(Subilo/AB)
UM04	6-1	0800	4735	Fri	VVVVV PROMRCh = 06 01 = 1000 0390 0940 1130 1630 ... 0800 0540 0600 0730 1090 = AR	CW	(AB-HNG/Subilo)
UM04	7-1	0800	4735	Sat	VVV PROMRCh = 07 01 = 1000 0840 0900 1080 1580 ... 0800 0550 0950 0720 1070 = AR	CW	(AB-ROU/Subilo)
UM04	8-1	0800	4735	Sun	VVVVV PROMRCh = 0 8 0 1 = 1000 0850 0900 1080 1580 ... 0800 0550 0590 0720 1070 = AR	CW	(Subilo/AB)
UM04	9-1	0800	4735	Mon	VVVVV PROMRCh = 0901 = 1000 0840 0900 1070 1570 ... 0800 0550 0590 0720 1070 = AR	CW	(Subilo/AB-HNG)
UM04	10-1	0800	4735	Tue	VVV VVV PROMRCh = 10 01 = 1000 0840 0890 1070 1570 ... 0800 0540 0580 0710 1060 = AR	CW	(AB-HNG/Subilo)
UM04	11-1	0800	4735	Wed	VVV VVV PROMRCh = 11 01 = 1000 0840 0890 1070 1570 ... 0800 0540 0580 0710 1060 = AR	CW	(Subilo/AB)
UM04	12-1	0800	4735	Thu	VVV VVV PROMRCh = 12 01 = 1000 0840 0900 1070 1610 ... 0800 0540 0580 0710 1060 = AR	CW	(AB-HNG/Subilo)
UM04	13-1	0800	4735	Fri	VVV VVV PROMRCh = 13 01 = 1000 0850 0800 1080 1580 ... 0800 0540 0590 0710 1060 = AR	CW	(AB-HNG/Subilo)
UM04	14-1	0800	4735	Sat	VVV VVV PROMRCh = 14 01 = 1000 0850 0900 1080 1580 ... 0800 0540 0590 0710 1060 = AR	CW	(AB-HNG/Subilo)
UM04	15-1	0800	4735	Sun	PROMRCh active but unreadable	CW	(Subilo/AB)
UM04	16-1	0800	4735	Mon	VVVVV PROMRCh = 16 01 = 1000 0880 0930 1110 1620 ... 0800 0550 0390 0720 1070 = AR	CW	(Subilo/AB)
UM04	17-1	0801	4735	Tue	VVVVV PROMRCh = 17 01 = 1000 0940 1000 1180 1710 ... 0800 0560 0600 0730 1080 = AR	CW	(AB-HNG/Subilo)
UM04	18-1	0800	4735	Wed	VVV VVV PROMRCh = 18 01 = 1000 0920 0980 1160 1690 ... 0800 0560 0600 0730 1070 = AR	CW	(Subilo/AB)

UM04	19-1	0800	4735	Thu	VVVVV PROMRCh = 19 01 = 1000 0960 1010 1200 1740 ... 0800 0560 0610 0730 1080 = AR	CW	(AB-HNG/Subilo)
UM04	20-1	0800	4735	Fri	VVVVV PROMRCh = 20 01 = 1000 0940 1000 1180 1720 ... 0800 0560 0600 0730 1080 = AR	CW	(AB-HNG/Subilo)
UM04	21-1	0800	4735	Sat	VVVVV PROMRCh = 21 01 = 1000 0970 1020 1210 1760 ... 0800 0570 0610 0740 1090 = AR	CW	(AB-HNG/Subilo)
UM04	22-1	0800	4735	Sun	VVVVV PROMRCh = 22 01 = 1000 0960 1020 1210 1790 ... 0800 0570 0610 0740 1100 = AR	CW	(AB-HNG/Subilo)
UM04	23-1	0800	4735	Mon	VVVVV PROMRCh = 23 01 = 1000 1040 1090 1280 1830 ... 0800 0580 0620 0750 1100 = AR	CW	(Subilo/AB)
UM04	24-1	0803	4735	Tue	Late start. VVVVV PROMRCh = 2401 = 1000 1000 1050 1240 1800 ... 0800 0580 0620 0750 1110 = AR	CW	(AB-HNG/Subilo)
UM04	25-1	0800	4735	Wed	VVVVV PROMRCh = 25 01 = 1000 1000 1050 1240 1800 ... 0800 0580 0620 0750 1110 = AR	CW	(Subilo/AB)
UM04	26-1	0800	4735	Thu	VVV VVV PROMRCh = 26 01 = 1000 1020 1070 1260 1820 ... 0800 0580 0620 0750 1110 = AR	CW	(AB-HNG/Su-bilo)
UM04	27-1	0800	4735	Fri	VVVVV PROMRCh = 27 01 = 1000 1010 1070 1260 1820 ... 0800 0580 0620 0750 1110 = AR	CW	(AB-HNG/Subilo)
UM04	28-1	0800	4735	Sat	VVVVV PROMRCh = 28 01 = 1000 1020 1080 1270 1830 ... 0800 0590 0630 0760 1110 = AR	CW	(AB-ROU/Subilo)
UM04	29-1	0801	4735	Sun	VVV VVV PROMRCh = 29 01 = 1000 1000 1060 1250 1810 ... 0800 0590 0630 0760 1120 = AR	CW	(AB-HNG/Subilo)
UM04	30-1	0800	4735	Mon	VVVVV PROMRCh = 3001 = 1000 1030 1080 1280 1840 ... 0800 0590 0610 0760 1120 = AR	CW	(Subilo/AB)
UM04	31-1	0800	4735	Tue	VVV VVV PROMRCh = 31 00 = 1000 1030 1090 1280 1850 ... 0800 0590 0630 0760 1120 = AR	CW	(Subilo/AB)
UM10	1-1	2016	3531	Sun	10-minutes net: JZZN	CW	(JPL-RUS)
UM10	9-1	2020	3115	Mon	10 minutes net: L6YC //3860 kHz	CW	(JPL-J)
UM10	9-1	2020	3860	Mon	10 minutes net: L6YC //3115 kHz	CW	(JPL-J)
UM10	10-1	1924	3860	Tue	10-minutes net: L6YC	CW	(JPL-CHN)
UM10	10-1	1951	3115	Tue	10-minutes net: L6YC //3860 kHz	CW	(JPL-CHN)
UM10	10-1	1951	3860	Tue	10-minutes net: L6YC //3115 kHz	CW	(JPL-CHN)
UM10	11-1	1824	3115	Wed	10-minutes net: L6YC	CW	(JPL-RUS)
UM10	13-1	1518	3860	Fri	10-minutes net: L6YC	CW	(JPL-RUS)
UM10	13-1	1552	3115	Fri	10-minutes net: L6YC //3860 kHz	CW	(JPL-RUS)
UM10	13-1	1552	3860	Fri	10-minutes net: L6YC //3115 kHz	CW	(JPL-RUS)
UM10	21-1	0744	6780	Sat	10-minutes net: AK3F //5735 kHz	CW	(JPL-RUS)
UM10	21-1	0750	5735	Sat	10-minutes net: AK3F //6780 kHz	CW	(JPL-RUS)
UM10	21-1	2023	3860	Sat	10-minutes net: L6YC //3115 kHz not heard	CW	(JPL-RUS)
UM10	21-1	2047	3860	Sat	10-minutes net: L6YC //3115 kHz not heard	CW	(JPL-RUS)
UM10	21-1	2049	3115	Sat	10-minutes net: L6YC //3860 kHz not heard	CW	(JPL-RUS)
V13	13-1	1300	7688	Fri	New Star Broadcasting	USB	(AB)
V13	13-1	1300	11430	Fri	New Star Broadcasting	USB	(AB)
V13	18-1	1240	9276	Wed	New Star Broadcasting	USB	(Phi-TWN)
V13	18-1	1240	13974	Wed	New Star Broadcasting	USB	(Phi-TWN)
V13	18-1	1301	11430	Wed	New Star Broadcasting	USB	(Phi)
V13	18-1	1301	7688	Wed	New Star Broadcasting	USB	(Phi-TWN)
V13	20-1	1200	9276	Fri	New Star Broadcasting	USB	(AB-TWN)
V13	20-1	1300	7688	Fri	New Star Broadcasting	USB	(AB-TWN)
V26	13-1	0004	8073	Fri	Callup in Chinese voice. Female operator	USB	(JPL)
V28	6-1	2108	3049	Fri	Parrot. Female operator	USB	(HK)
V28	6-1	2109	5498	Fri	Parrot. Female operator	USB	(HK)
V28	9-1	0908	3051	Mon	Parrot	USB	(HK)

V28	9-1	0909	3034	Mon	Parrot	USB	(HK)
V28	10-1	0859	3002	Tue	Parrot. Female operator	USB	(HK)
V28	10-1	0905	3046	Tue	Parrot. Male operator	USB	(HK)
V28	10-1	0905	5226	Tue	Parrot. Female operator	USB	(HK)
V28	13-1	0859	3005	Fri	Parrot	USB	(HK)
V28	13-1	0903	3050	Fri	Parrot	USB	(HK)
V28	13-1	0903	5238	Fri	Parrot. Bad modulation	USB	(HK)
V28	14-1	0900	3004	Sat	Parrot	USB	(HK)
V28	14-1	0900	3050	Sat	Parrot	USB	(HK)
V28	14-1	0900	5225	Sat	Parrot. Bad modulation	USB	(HK)
V28	16-1	0900	3005	Mon	Parrot	USB	(HK)
V28	16-1	0900	3050	Mon	Parrot	USB	(HK)
V28	16-1	0900	5225	Mon	Parrot	USB	(HK)
V28	19-1	2103	3054	Thu	Parrot	USB	(HK)
V28	19-1	2103	5484	Thu	Parrot	USB	(HK)
V28	20-1	2110	3048	Fri	Parrot	USB	(HK)
V28	21-1	0907	3026	Sat	Parrot	USB	(HK)
V28	21-1	0907	3050	Sat	Parrot	USB	(HK)
V28	23-1	2105	3051	Mon	Parrot	USB	(HK)
V28	24-1	0900	3028	Tue	Parrot	USB	(HK)
V28	24-1	0900	5223	Tue	Parrot	USB	(HK)
V28	24-1	2106	3051	Tue	Parrot	USB	(HK)
V28	24-1	2106	5496	Tue	Parrot	USB	(HK)
V28	27-1	2109	5457	Fri	Parrot	USB	(HK)
V28	27-1	2111	5046	Fri	Parrot. The sound is unclear. A phone rings, the operator picks up the phone, then silence and off	USB	(HK)
V28	28-1	0859	3006	Sat	Parrot	USB	(HK)
V28	28-1	0859	3051	Sat	Parrot	USB	(HK)
V28	28-1	0859	5224.5	Sat	Parrot. Bad modulation	USB	(HK)
V28	29-1	0859	3002	Sun	Parrot	USB	(HK)
V28	29-1	0859	3051	Sun	Parrot	USB	(HK)
V28	29-1	0859	5225	Sun	Parrot	USB	(HK)
V28	29-1	2100	5034	Sun	Parrot. Spurs on 5028 and 5038 kHz. Ends with a phone ringing	USB	(HK)
V28	29-1	2105	3052	Sun	Parrot	USB	(HK)
V28	29-1	2105	3066	Sun	Parrot. Bad modulation, On/off repeatedly.	USB	(HK)
V28	30-1	0916	3052	Mon	Parrot	USB	(HK)
V28	31-1	2106	3047	Tue	Parrot	USB	(HK)
V28	31-1	2108	5024	Tue	Parrot	USB	(HK)
V28	31-1	2108	5470	Tue	Parrot	USB	(HK)
V28	31-1	2110	5017	Tue	Parrot	USB	(HK)
VC01	6-1	1059	8049	Fri	Chinese Air Defense a.k.a. Chinese Robot	USB	(EW)
VC01	6-1	1103	8049	Fri	Chinese Air Defense aka Chinese Robot	USB	(EW/AB-TWN)

VC01	8-1	1556	8049	Sun	Chinese Air Defense a.k.a. Chinese Robot	USB	(AB)
X06	9-1	0819	20690	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(Moon)
X06	9-1	0819	13423	Mon	MFA Moscow clg 421635: Russian embassy Oslo	MFSK-6	(RO)
X06	9-1	0906	13423	Mon	MFA Moscow clg 421635: Russian embassy Oslo	MFSK-6	(AB)
X06	9-1	0932	16117	Mon	MFA Moscow clg 463125: Russian embassy Rabat	MFSK-6	(AB/Moon)
X06	9-1	1258	13467	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(RO)
X06	10-1	1017	20813	Tue	MFA Moscow clg 216354: Russian Consulate General Chennai	MFSK-6	(Moon)
X06	11-1	0751	18177	Wed	MFA Moscow clg 164253: Russian embassy Addis Ababa	MFSK-6	(AB/RO)
X06	12-1	0830	16153	Thu	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(RO)
X06	12-1	0846	7988	Thu	MFA Moscow clg 561243: Russian embassy Helsinki	MFSK-6	(RO)
X06	16-1	0753	13452	Mon	MFA Moscow clg 165324: Russian embassy Vienna	MFSK-6	(AB/Moon)
X06	16-1	0850	14377	Mon	MFA Moscow clg 432516: Russian embassy Bern	MFSK-6	(RO)
X06	16-1	0905	12199	Mon	MFA Moscow clg 532614: Russian embassy Paris	MFSK-6	(AB/RO)
X06	17-1	0856	11462	Tue	MFA Moscow clg 165423: Russian embassy Brussels	MFSK-6	(AB/Moon)
X06	17-1	0941	14358	Tue	MFA Moscow clg 154263: Russian embassy Rome	MFSK-6	(Moon)
X06	18-1	1131	16115	Wed	MFA Moscow clg 215346: Russian Consulate General Mumbai	MFSK-6	(RO/RXR)
X06	20-1	1032	14824	Fri	MFA Moscow clg 625413: Russian embassy Tel Aviv	MFSK-6	(AB)
X06	23-1	0824	17475	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(Moon)
X06	23-1	0830	20690	Mon	MFA Moscow clg 156234: Russian embassy Kampala	MFSK-6	(Moon)
X06	23-1	0928	13423	Mon	MFA Moscow clg 421635: Russian embassy Oslo	MFSK-6	(Moon)
X06	23-1	1246	12117	Mon	MFA Moscow clg 364152: Russian embassy New Delhi	MFSK-6	(Moon)
X06	25-1	0832	11483	Wed	MFA Moscow clg 412356: Russian embassy Budapest	MFSK-6	(Moon)
X06	25-1	0914	10172	Wed	MFA Moscow clg 465132: Russian embassy Sofia	MFSK-6	(Moon)
X06	25-1	0956	13441	Wed	MFA Moscow clg 263145: Russian embassy Prague	MFSK-6	(Moon)
X06	26-1	0813	16153	Thu	MFA Moscow clg 153624: Russian embassy Damascus	MFSK-6	(Moon)
XPA1	4-1	1310	14852	Wed	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB/HFD)
XPA1	4-1	1330	13952	Wed	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB/HFD)
XPA1	4-1	1350	11552	Wed	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB/HFD)
XPA1	6-1	1310	14852	Fri	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB)
XPA1	6-1	1330	13952	Fri	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB)
XPA1	6-1	1350	11552	Fri	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB)
XPA1	11-1	1310	14852	Wed	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB)
XPA1	11-1	1330	13952	Wed	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB)
XPA1	11-1	1350	11552	Wed	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB)
XPA1	13-1	1310	14852	Fri	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB/RL)
XPA1	13-1	1330	13952	Fri	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB)
XPA1	13-1	1350	11552	Fri	895 895 895 1 00491 00098 05399 ... 35562 96539 77616	MFSK-20/10Bd	(AB)
XPA1	18-1	1310	14852	Wed	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB/RL)
XPA1	18-1	1330	13952	Wed	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB/RL)
XPA1	18-1	1350	11552	Wed	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB/RL)
XPA1	20-1	1310	14852	Fri	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB/RL/MPJ)
XPA1	20-1	1330	13952	Fri	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB/MPJ)

XPA1	20-1	1350	11552	Fri	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB/MPJ)
XPA1	25-1	1310	14852	Wed	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB)
XPA1	25-1	1330	13952	Wed	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB)
XPA1	25-1	1350	11552	Wed	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB)
XPA1	27-1	1310	14852	Fri	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB/MPJ)
XPA1	27-1	1330	13952	Fri	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB/MPJ)
XPA1	27-1	1350	11552	Fri	895 895 895 1 04830 00104 49859 ... 51199 09663 76545	MFSK-20/10Bd	(AB/MPJ)
XPA2	1-1	0900	16327	Sun	08848 00001 00000 41264	MFSK-16/20Bd	(AB/HFD)
XPA2	1-1	0920	18227	Sun	08848 00001 00000 41264	MFSK-16/20Bd	(AB/HFD)
XPA2	1-1	0940	19627	Sun	08848 00001 00000 41264	MFSK-16/20Bd	(AB/HFD)
XPA2	1-1	1200	10921	Sun	00290 00212 75173 ... 15093 67446 21334	MFSK-16/20Bd	(AB/MPJ)
XPA2	1-1	1220	12221	Sun	00290 00212 75173 ... 15093 67446 21334	MFSK-16/20Bd	(AB/MPJ)
XPA2	1-1	1240	13521	Sun	00290 00212 75173 ... 15093 67446 21334	MFSK-16/20Bd	(AB/MPJ)
XPA2	2-1	0800	11493	Mon	07255 00001 00000 34664	MFSK-16/20Bd	(AB/HFD)
XPA2	2-1	0820	13393	Mon	07255 00001 00000 34664	MFSK-16/20Bd	(AB/HFD)
XPA2	2-1	0840	13993	Mon	07255 00001 00000 34664 (spur on 13941 and 14044 kHz)	MFSK-16/20Bd	(AB/HFD)
XPA2	2-1	0910	14977	Mon	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB)
XPA2	2-1	0930	13971	Mon	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB)
XPA2	2-1	0950	13371	Mon	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB)
XPA2	2-1	1600	9317	Mon	06755 00001 00000 37263	MFSK-16/20Bd	(AB/HFD)
XPA2	2-1	1620	8117	Mon	06755 00001 00000 37263	MFSK-16/20Bd	(AB/HFD)
XPA2	2-1	1640	7417	Mon	06755 00001 00000 37263	MFSK-16/20Bd	(AB/HFD)
XPA2	3-1	0600	9382	Tue	07140 00091 94677 ... 71527 83752 54663	MFSK-16/20Bd	(AB/HFD)
XPA2	3-1	0620	10582	Tue	07140 00091 94677 ... 71527 83752 54663	MFSK-16/20Bd	(AB/HFD)
XPA2	3-1	0640	11582	Tue	07140 00091 94677 ... 71527 83752 54663	MFSK-16/20Bd	(AB/HFD)
XPA2	3-1	1100	10231	Tue	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	3-1	1120	9331	Tue	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	3-1	1140	8131	Tue	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	3-1	1200	10921	Tue	04582 00001 00000 34664	MFSK-16/20Bd	(AB/HFD)
XPA2	3-1	1220	12221	Tue	04582 00001 00000 34664	MFSK-16/20Bd	(AB/HFD)
XPA2	3-1	1240	13521	Tue	04582 00001 00000 34664	MFSK-16/20Bd	(AB/HFD)
XPA2	3-1	1600	10465	Tue	00356 00208 97103 ... 43601 16228 17751	MFSK-16/20Bd	(AB/MPJ-FIN/HFD)
XPA2	3-1	1620	9165	Tue	00356 00208 97103 ... 43601 16228 17751	MFSK-16/20Bd	(AB/MPJ-FIN/HFD)
XPA2	3-1	1640	8065	Tue	00356 00208 97103 ... 43601 16228 17751	MFSK-16/20Bd	(AB/MPJ-FIN/HFD)
XPA2	4-1	0800	11493	Wed	07735 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	4-1	0820	13393	Wed	07735 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	4-1	0840	13993	Wed	07735 00001 00000 37262	MFSK-16/20Bd	(AB)
XPA2	4-1	0910	14977	Wed	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB)
XPA2	4-1	0930	13971	Wed	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB/RL)
XPA2	4-1	0950	13371	Wed	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB)
XPA2	4-1	1100	13384	Wed	00510 00168 83242 ... 27916 06339 77652	MFSK-16/20Bd	(AB/HFD)
XPA2	4-1	1120	12184	Wed	00510 00168 83242 ... 27916 06339 77652	MFSK-16/20Bd	(AB/HFD)

XPA2	4-1	1140	10984	Wed	00510 00168 83242 ... 27916 06339 77652	MFSK-16/20Bd	(AB/HFD)
XPA2	4-1	1200	13878	Wed	00239 00124 91512 ... 62093 83728 62272	MFSK-16/20Bd	(AB/HFD)
XPA2	4-1	1220	14978	Wed	00239 00124 91512 ... 62093 83728 62272	MFSK-16/20Bd	(AB/HFD)
XPA2	4-1	1240	16278	Wed	00239 00124 91512 ... 62093 83728 62272	MFSK-16/20Bd	(AB/HFD)
XPA2	5-1	0600	9382	Thu	07140 00091 94677 ... 71527 83752 54663	MFSK-16/20Bd	(AB)
XPA2	5-1	0620	10582	Thu	07140 00091 94677 ... 71527 83752 54663	MFSK-16/20Bd	(AB)
XPA2	5-1	0640	11582	Thu	07140 00091 94677 ... 71527 83752 54663	MFSK-16/20Bd	(AB)
XPA2	5-1	0910	14794	Thu	07361 00001 00000 33265	MFSK-16/20Bd	(AB/HFD)
XPA2	5-1	0930	13994	Thu	07361 00001 00000 33265	MFSK-16/20Bd	(AB/HFD)
XPA2	5-1	0950	12194	Thu	07361 00001 00000 33265	MFSK-16/20Bd	(AB/HFD)
XPA2	5-1	1100	13384	Thu	00510 00168 83242 ... 27916 06339 77652	MFSK-16/20Bd	(AB)
XPA2	5-1	1120	12184	Thu	00510 00168 83242 ... 27916 06339 77652	MFSK-16/20Bd	(AB)
XPA2	5-1	1140	10984	Thu	00510 00168 83242 ... 27916 06339 77652	MFSK-16/20Bd	(AB)
XPA2	5-1	1600	10465	Thu	00356 00208 97103 ... 43601 16228 17751	MFSK-16/20Bd	(AB/MPJ)
XPA2	5-1	1620	9165	Thu	00356 00208 97103 ... 43601 16228 17751	MFSK-16/20Bd	(AB/MPJ)
XPA2	5-1	1640	8065	Thu	00356 00208 97103 ... 43601 16228 17751	MFSK-16/20Bd	(AB/MPJ)
XPA2	6-1	0900	16327	Fri	00480 00133 93274... 05006 17783 16063	MFSK-16/20Bd	(AB)
XPA2	6-1	0920	18227	Fri	00480 00133 93274... 05006 17783 16063	MFSK-16/20Bd	(AB)
XPA2	6-1	0940	19627	Fri	00480 00133 93274... 05006 17783 16063	MFSK-16/20Bd	(AB)
XPA2	6-1	1100	10231	Fri	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB/MPJ-FIN)
XPA2	6-1	1120	9331	Fri	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB/MPJ-FIN)
XPA2	6-1	1140	8131	Fri	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB/MPJ-FIN/EW)
XPA2	6-1	1200	13878	Fri	00239 00124 91512 ... 62093 83728 62272	MFSK-16/20Bd	(AB/MPJ)
XPA2	6-1	1220	14978	Fri	00239 00124 91512 ... 62093 83728 62272	MFSK-16/20Bd	(AB/MPJ)
XPA2	6-1	1240	16278	Fri	00239 00124 91512 ... 62093 83728 62272	MFSK-16/20Bd	(AB/MPJ)
XPA2	7-1	0910	14794	Sat	06871 00001 00000 35665	MFSK-16/20Bd	(AB)
XPA2	7-1	0930	13994	Sat	06871 00001 00000 35665	MFSK-16/20Bd	(AB)
XPA2	7-1	0950	12194	Sat	06871 00001 00000 35665	MFSK-16/20Bd	(AB)
XPA2	7-1	1600	9317	Sat	01245 00001 00000 34655	MFSK-16/20Bd	(AB/MPJ)
XPA2	7-1	1620	8117	Sat	01245 00001 00000 34655	MFSK-16/20Bd	(AB/MPJ)
XPA2	7-1	1640	7517	Sat	01245 00001 00000 34655	MFSK-16/20Bd	(AB/MPJ)
XPA2	8-1	0900	16327	Sun	00480 00133 93274... 05006 17783 16063	MFSK-16/20Bd	(AB/RL)
XPA2	8-1	0920	18227	Sun	00480 00133 93274... 05006 17783 16063	MFSK-16/20Bd	(AB/RL)
XPA2	8-1	0940	19627	Sun	00480 00133 93274... 05006 17783 16063	MFSK-16/20Bd	(AB/RL)
XPA2	8-1	1200	10921	Sun	07953 00001 00000 37264	MFSK-16/20Bd	(AB/RL)
XPA2	8-1	1220	12221	Sun	07953 00001 00000 37264	MFSK-16/20Bd	(AB/RL)
XPA2	8-1	1240	13521	Sun	07953 00001 00000 37264	MFSK-16/20Bd	(AB/RL)
XPA2	9-1	0800	11493	Mon	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB)
XPA2	9-1	0820	13393	Mon	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB)
XPA2	9-1	0840	13993	Mon	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB/RL)
XPA2	9-1	0910	14977	Mon	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB/RL)

XPA2	9-1	0930	13971	Mon	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB)
XPA2	9-1	0950	13371	Mon	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB)
XPA2	9-1	1600	9317	Mon	00263 00291 18575 ... 40675 40230 60421	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-1	1620	8117	Mon	00263 00291 18575 ... 40675 40230 60421	MFSK-16/20Bd	(AB/MPJ)
XPA2	9-1	1640	7417	Mon	00263 00291 18575 ... 40675 40230 60421	MFSK-16/20Bd	(AB/MPJ)
XPA2	10-1	0600	9382	Tue	05793 00001 00000 36266	MFSK-16/20Bd	(AB)
XPA2	10-1	0620	10582	Tue	05793 00001 00000 36266	MFSK-16/20Bd	(AB)
XPA2	10-1	0640	11582	Tue	05793 00001 00000 36266	MFSK-16/20Bd	(AB)
XPA2	10-1	1100	10231	Tue	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB)
XPA2	10-1	1120	9331	Tue	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB)
XPA2	10-1	1140	8131	Tue	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB)
XPA2	10-1	1200	10921	Tue	06991 00218 65489 ... 61760 49665 34151	MFSK-16/20Bd	(AB)
XPA2	10-1	1220	12221	Tue	06991 00218 65489 ... 61760 49665 34151	MFSK-16/20Bd	(AB/RL)
XPA2	10-1	1240	13521	Tue	06991 00218 65489 ... 61760 49665 34151	MFSK-16/20Bd	(AB/RL)
XPA2	10-1	1600	10465	Tue	01802 00001 00000 36251	MFSK-16/20Bd	(AB)
XPA2	10-1	1620	9165	Tue	01802 00001 00000 36251	MFSK-16/20Bd	(AB)
XPA2	10-1	1640	8065	Tue	01802 00001 00000 36251	MFSK-16/20Bd	(AB)
XPA2	11-1	0800	11493	Wed	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB)
XPA2	11-1	0820	13393	Wed	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB)
XPA2	11-1	0840	13993	Wed	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB)
XPA2	11-1	0910	14977	Wed	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB/HFD)
XPA2	11-1	0930	13971	Wed	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	11-1	0950	13371	Wed	06226 00108 73868 ... 71462 53220 51613	MFSK-16/20Bd	(AB/HFD)
XPA2	11-1	1100	13384	Wed	04673 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	11-1	1120	12184	Wed	04673 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	11-1	1140	10984	Wed	04673 00001 00000 35663	MFSK-16/20Bd	(AB)
XPA2	11-1	1200	13878	Wed	06795 00148 94794 ... 63995 96762 62511	MFSK-16/20Bd	(AB)
XPA2	11-1	1220	14978	Wed	06795 00148 94794 ... 63995 96762 62511	MFSK-16/20Bd	(AB)
XPA2	11-1	1240	16278	Wed	06795 00148 94794 ... 63995 96762 62511	MFSK-16/20Bd	(AB)
XPA2	12-1	0600	9382	Thu	05136 00001 00000 34660	MFSK-16/20Bd	(AB)
XPA2	12-1	0620	10582	Thu	05136 00001 00000 34660	MFSK-16/20Bd	(AB)
XPA2	12-1	0640	11582	Thu	05136 00001 00000 34660	MFSK-16/20Bd	(AB)
XPA2	12-1	0910	14794	Thu	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB/RL)
XPA2	12-1	0930	13994	Thu	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB/RL)
XPA2	12-1	0950	12194	Thu	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB)
XPA2	12-1	1100	13384	Thu	02817 00001 00000 40653	MFSK-16/20Bd	(AB)
XPA2	12-1	1120	12184	Thu	02817 00001 00000 40653	MFSK-16/20Bd	(AB)
XPA2	12-1	1140	10984	Thu	02817 00001 00000 40653	MFSK-16/20Bd	(AB)
XPA2	12-1	1600	10465	Thu	02422 00001 00000 34254	MFSK-16/20Bd	(AB/MPJ)
XPA2	12-1	1620	9165	Thu	02422 00001 00000 34254	MFSK-16/20Bd	(AB/MPJ)
XPA2	12-1	1640	8065	Thu	02422 00001 00000 34254	MFSK-16/20Bd	(AB/MPJ)
XPA2	13-1	0900	16327	Fri	02846 00001 00000 40256	MFSK-16/20Bd	(AB/RL)

XPA2	13-1	0920	18227	Fri	02846 00001 00000 40256	MFSK-16/20Bd	(AB/RL)
XPA2	13-1	0940	19627	Fri	02846 00001 00000 40256	MFSK-16/20Bd	(AB/RL)
XPA2	13-1	1100	10231	Fri	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB)
XPA2	13-1	1120	9331	Fri	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB)
XPA2	13-1	1140	8131	Fri	00228 00193 16405 ... 94358 15165 07127	MFSK-16/20Bd	(AB)
XPA2	13-1	1200	13878	Fri	06795 00148 94794 ... 63995 96762 62511	MFSK-16/20Bd	(AB/RL)
XPA2	13-1	1220	14978	Fri	06795 00148 94794 ... 63995 96762 62511	MFSK-16/20Bd	(AB/RL)
XPA2	13-1	1240	16278	Fri	06795 00148 94794 ... 63995 96762 62511	MFSK-16/20Bd	(AB/RL)
XPA2	14-1	0910	14794	Sat	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB)
XPA2	14-1	0930	13994	Sat	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB)
XPA2	14-1	0950	12194	Sat	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB)
XPA2	14-1	1600	9317	Sat	00263 00291 18575 ... 40675 40230 60421	MFSK-16/20Bd	(AB)
XPA2	14-1	1620	8117	Sat	00263 00291 18575 ... 40675 40230 60421	MFSK-16/20Bd	(AB)
XPA2	14-1	1640	7517	Sat	00263 00291 18575 ... 40675 40230 60421	MFSK-16/20Bd	(AB)
XPA2	15-1	0900	16327	Sun	08114 00001 00000 33661	MFSK-16/20Bd	(AB/RL)
XPA2	15-1	0920	18227	Sun	08114 00001 00000 33661	MFSK-16/20Bd	(AB/RL)
XPA2	15-1	0940	19627	Sun	08114 00001 00000 33661	MFSK-16/20Bd	(AB/RL)
XPA2	15-1	1200	10921	Sun	06991 00218 65489 ... 61760 49665 34151	MFSK-16/20Bd	(AB/MPJ)
XPA2	15-1	1220	12221	Sun	06991 00218 65489 ... 61760 49665 34151	MFSK-16/20Bd	(AB/MPJ)
XPA2	15-1	1240	13521	Sun	06991 00218 65489 ... 61760 49665 34151	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-1	0800	11493	Mon	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB)
XPA2	16-1	0820	13393	Mon	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB)
XPA2	16-1	0840	13993	Mon	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB)
XPA2	16-1	0910	14977	Mon	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB)
XPA2	16-1	0930	13971	Mon	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB)
XPA2	16-1	0950	13371	Mon	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB)
XPA2	16-1	1600	9317	Mon	03518 00277 42164 ... 87518 15023 17542	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-1	1620	8117	Mon	03518 00277 42164 ... 87518 15023 17542	MFSK-16/20Bd	(AB/MPJ)
XPA2	16-1	1640	7417	Mon	03518 00277 42164 ... 87518 15023 17542	MFSK-16/20Bd	(AB/MPJ)
XPA2	17-1	0600	9382	Tue	07518 00103 04907 ... 43541 17793 26771	MFSK-16/20Bd	(AB)
XPA2	17-1	0620	10582	Tue	07518 00103 04907 ... 43541 17793 26771	MFSK-16/20Bd	(AB)
XPA2	17-1	0640	11582	Tue	07518 00103 04907 ... 43541 17793 26771	MFSK-16/20Bd	(AB)
XPA2	17-1	1100	10231	Tue	02467 00001 00000 36660	MFSK-16/20Bd	(AB/MPJ)
XPA2	17-1	1120	9331	Tue	02467 00001 00000 36660	MFSK-16/20Bd	(AB/MPJ)
XPA2	17-1	1140	8131	Tue	02467 00001 00000 36660	MFSK-16/20Bd	(AB/MPJ)
XPA2	17-1	1200	10921	Tue	00493 00234 66194 ... 13185 66356 65502	MFSK-16/20Bd	(AB)
XPA2	17-1	1220	12221	Tue	00493 00234 66194 ... 13185 66356 65502	MFSK-16/20Bd	(AB)
XPA2	17-1	1240	13521	Tue	00493 00234 66194 ... 13185 66356 65502	MFSK-16/20Bd	(AB/RL)
XPA2	17-1	1600	10465	Tue	00340 00234 50858 ... 11592 32889 46140	MFSK-16/20Bd	(AB)
XPA2	17-1	1620	9165	Tue	00340 00234 50858 ... 11592 32889 46140	MFSK-16/20Bd	(AB)
XPA2	17-1	1640	8065	Tue	00340 00234 50858 ... 11592 32889 46140	MFSK-16/20Bd	(AB)
XPA2	18-1	0800	11493	Wed	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB)

XPA2	18-1	0820	13393	Wed	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB)
XPA2	18-1	0840	13993	Wed	05564 00104 76522 ... 37071 57221 12176	MFSK-16/20Bd	(AB/RL)
XPA2	18-1	0910	14977	Wed	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB/RL)
XPA2	18-1	0930	13971	Wed	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB/RL)
XPA2	18-1	0950	13371	Wed	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB/RL)
XPA2	18-1	1100	13384	Wed	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB/RL)
XPA2	18-1	1120	12184	Wed	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB)
XPA2	18-1	1140	10984	Wed	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB)
XPA2	18-1	1200	13878	Wed	00484 00164 77246 ... 89325 88157 52164	MFSK-16/20Bd	(AB)
XPA2	18-1	1220	14978	Wed	00484 00164 77246 ... 89325 88157 52164	MFSK-16/20Bd	(AB/RL)
XPA2	18-1	1240	16278	Wed	00484 00164 77246 ... 89325 88157 52164	MFSK-16/20Bd	(AB/RL)
XPA2	19-1	0600	9382	Thu	07518 00103 04907 ... 43541 17793 26771	MFSK-16/20Bd	(AB)
XPA2	19-1	0620	10582	Thu	07518 00103 04907 ... 43541 17793 26771	MFSK-16/20Bd	(AB)
XPA2	19-1	0640	11582	Thu	07518 00103 04907 ... 43541 17793 26771	MFSK-16/20Bd	(AB)
XPA2	19-1	0910	14794	Thu	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB)
XPA2	19-1	0930	13994	Thu	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB)
XPA2	19-1	0950	12194	Thu	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB)
XPA2	19-1	1100	13384	Thu	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB)
XPA2	19-1	1120	12184	Thu	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB)
XPA2	19-1	1140	10984	Thu	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB)
XPA2	19-1	1600	10465	Thu	00340 00234 50858 ... 11592 32889 46140	MFSK-16/20Bd	(AB)
XPA2	19-1	1620	9165	Thu	00340 00234 50858 ... 11592 32889 46140	MFSK-16/20Bd	(AB)
XPA2	19-1	1640	8065	Thu	00340 00234 50858 ... 11592 32889 46140	MFSK-16/20Bd	(AB)
XPA2	20-1	0900	16327	Fri	00138 00145 94840 ... 55186 08097 01654	MFSK-16/20Bd	(AB/RL)
XPA2	20-1	0920	18227	Fri	00138 00145 94840 ... 55186 08097 01654	MFSK-16/20Bd	(AB/RL)
XPA2	20-1	0940	19627	Fri	00138 00145 94840 ... 55186 08097 01654	MFSK-16/20Bd	(AB/RL)
XPA2	20-1	1100	10231	Fri	07637 00001 00000 37662	MFSK-16/20Bd	(AB)
XPA2	20-1	1120	9331	Fri	07637 00001 00000 37662	MFSK-16/20Bd	(AB)
XPA2	20-1	1140	8131	Fri	07637 00001 00000 37662	MFSK-16/20Bd	(AB)
XPA2	20-1	1200	13878	Fri	00484 00164 77246 ... 89325 88157 52164	MFSK-16/20Bd	(AB/RL/MPJ)
XPA2	20-1	1220	14978	Fri	00484 00164 77246 ... 89325 88157 52164	MFSK-16/20Bd	(AB/RL/MPJ)
XPA2	20-1	1240	16278	Fri	00484 00164 77246 ... 89325 88157 52164	MFSK-16/20Bd	(AB/RL/MPJ)
XPA2	21-1	0910	14794	Sat	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB)
XPA2	21-1	0930	13994	Sat	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB)
XPA2	21-1	0950	12194	Sat	00398 00142 59548 ... 67362 78256 47714	MFSK-16/20Bd	(AB)
XPA2	21-1	1600	9317	Sat	03518 00277 42164 ... 87518 15023 17542	MFSK-16/20Bd	(AB)
XPA2	21-1	1620	8117	Sat	03518 00277 42164 ... 87518 15023 17542	MFSK-16/20Bd	(AB)
XPA2	21-1	1640	7517	Sat	03518 00277 42164 ... 87518 15023 17542	MFSK-16/20Bd	(AB)
XPA2	22-1	0900	16327	Sun	00138 00145 94840 ... 55186 08097 01654	MFSK-16/20Bd	(AB)
XPA2	22-1	0920	18227	Sun	00138 00145 94840 ... 55186 08097 01654	MFSK-16/20Bd	(AB)
XPA2	22-1	0940	19627	Sun	00138 00145 94840 ... 55186 08097 01654	MFSK-16/20Bd	(AB)
XPA2	22-1	1200	10921	Sun	00493 00234 66194 ... 13185 66356 65502	MFSK-16/20Bd	(AB)

XPA2	22-1	1220	12221	Sun	00493 00234 66194 ... 13185 66356 65502	MFSK-16/20Bd	(AB)
XPA2	22-1	1240	13521	Sun	00493 00234 66194 ... 13185 66356 65502	MFSK-16/20Bd	(AB)
XPA2	23-1	0800	11493	Mon	02034 00001 00000 33255	MFSK-16/20Bd	(AB)
XPA2	23-1	0820	13393	Mon	02034 00001 00000 33255	MFSK-16/20Bd	(AB/RL)
XPA2	23-1	0840	13993	Mon	02034 00001 00000 33255	MFSK-16/20Bd	(AB/RL)
XPA2	23-1	0910	14977	Mon	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB/RL)
XPA2	23-1	0930	13971	Mon	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB/RL)
XPA2	23-1	0950	13371	Mon	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB)
XPA2	23-1	1600	9317	Mon	00994 00001 00000 37663	MFSK-16/20Bd	(AB)
XPA2	23-1	1620	8117	Mon	00994 00001 00000 37663	MFSK-16/20Bd	(AB)
XPA2	23-1	1640	7417	Mon	00994 00001 00000 37663	MFSK-16/20Bd	(AB)
XPA2	24-1	0600	9382	Tue	07475 00001 00000 35666	MFSK-16/20Bd	(AB)
XPA2	24-1	0620	10582	Tue	07475 00001 00000 35666	MFSK-16/20Bd	(AB)
XPA2	24-1	0640	11582	Tue	07475 00001 00000 35666	MFSK-16/20Bd	(AB)
XPA2	24-1	1100	10231	Tue	06910 00187 60906 ... 57358 45888 05335	MFSK-16/20Bd	(AB)
XPA2	24-1	1120	9331	Tue	06910 00187 60906 ... 57358 45888 05335	MFSK-16/20Bd	(AB)
XPA2	24-1	1140	8131	Tue	06910 00187 60906 ... 57358 45888 05335	MFSK-16/20Bd	(AB)
XPA2	24-1	1200	10921	Tue	00470 00208 77708 ... 24749 24885 03536	MFSK-16/20Bd	(AB)
XPA2	24-1	1220	12221	Tue	00470 00208 77708 ... 24749 24885 03536	MFSK-16/20Bd	(AB)
XPA2	24-1	1240	13521	Tue	00470 00208 77708 ... 24749 24885 03536	MFSK-16/20Bd	(AB/RL)
XPA2	24-1	1600	10465	Tue	06586 00001 00000 36666	MFSK-16/20Bd	(AB)
XPA2	24-1	1620	9165	Tue	06586 00001 00000 36666	MFSK-16/20Bd	(AB)
XPA2	24-1	1640	8065	Tue	06586 00001 00000 36666	MFSK-16/20Bd	(AB)
XPA2	25-1	0800	11493	Wed	06639 00001 00000 40661	MFSK-16/20Bd	(AB)
XPA2	25-1	0820	13393	Wed	06639 00001 00000 40661	MFSK-16/20Bd	(AB)
XPA2	25-1	0840	13993	Wed	06639 00001 00000 40661	MFSK-16/20Bd	(AB)
XPA2	25-1	0910	14977	Wed	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB)
XPA2	25-1	0930	13971	Wed	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB)
XPA2	25-1	0950	13371	Wed	08916 00128 50293 ... 04955 26907 62767	MFSK-16/20Bd	(AB)
XPA2	25-1	1100	13384	Wed	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB)
XPA2	25-1	1120	12184	Wed	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB)
XPA2	25-1	1140	10984	Wed	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB)
XPA2	25-1	1200	13878	Wed	02318 00198 05717 ... 74822 59501 33774	MFSK-16/20Bd	(AB)
XPA2	25-1	1220	14978	Wed	02318 00198 05717 ... 74822 59501 33774	MFSK-16/20Bd	(AB)
XPA2	25-1	1240	16278	Wed	02318 00198 05717 ... 74822 59501 33774	MFSK-16/20Bd	(AB)
XPA2	26-1	0600	9382	Thu	02351 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	26-1	0620	10582	Thu	02351 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	26-1	0640	11582	Thu	02351 00001 00000 33257	MFSK-16/20Bd	(AB)
XPA2	26-1	0910	14794	Thu	03189 00001 00000 36263	MFSK-16/20Bd	(AB/RL)
XPA2	26-1	0930	13994	Thu	03189 00001 00000 36263	MFSK-16/20Bd	(AB/RL)
XPA2	26-1	0950	12194	Thu	03189 00001 00000 36263	MFSK-16/20Bd	(AB)
XPA2	26-1	1100	13384	Thu	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB)

XPA2	26-1	1120	12184	Thu	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB)
XPA2	26-1	1140	10984	Thu	00195 00210 04207 ... 80447 79923 60135	MFSK-16/20Bd	(AB)
XPA2	26-1	1600	10465	Thu	06625 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	26-1	1620	9165	Thu	06625 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	26-1	1640	8065	Thu	06625 00001 00000 36660	MFSK-16/20Bd	(AB)
XPA2	27-1	0900	16327	Fri	02537 00001 00000 37255	MFSK-16/20Bd	(AB/RL)
XPA2	27-1	0920	18227	Fri	02537 00001 00000 37255	MFSK-16/20Bd	(AB/RL)
XPA2	27-1	0940	19627	Fri	02537 00001 00000 37255	MFSK-16/20Bd	(AB/RL)
XPA2	27-1	1100	10231	Fri	06910 00187 60906 ... 57358 45888 05335	MFSK-16/20Bd	(AB)
XPA2	27-1	1120	9331	Fri	06910 00187 60906 ... 57358 45888 05335	MFSK-16/20Bd	(AB)
XPA2	27-1	1140	8131	Fri	06910 00187 60906 ... 57358 45888 05335	MFSK-16/20Bd	(AB)
XPA2	27-1	1200	13878	Fri	02318 00198 05717 ... 74822 59501 33774	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	27-1	1220	14978	Fri	02318 00198 05717 ... 74822 59501 33774	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	27-1	1240	16278	Fri	02318 00198 05717 ... 74822 59501 33774	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	28-1	0910	14794	Sat	09751 00001 00000 35266	MFSK-16/20Bd	(AB/RL)
XPA2	28-1	0930	13994	Sat	09751 00001 00000 35266	MFSK-16/20Bd	(AB/RL)
XPA2	28-1	0950	12194	Sat	09751 00001 00000 35266	MFSK-16/20Bd	(AB)
XPA2	28-1	1600	9317	Sat	06010 00001 00000 31257	MFSK-16/20Bd	(MPJ)
XPA2	28-1	1620	8117	Sat	06010 00001 00000 31257	MFSK-16/20Bd	(MPJ)
XPA2	28-1	1640	7517	Sat	06010 00001 00000 31257	MFSK-16/20Bd	(MPJ)
XPA2	29-1	0900	16327	Sun	06479 00001 00000 37665	MFSK-16/20Bd	(AB/RL)
XPA2	29-1	0920	18227	Sun	06479 00001 00000 37665	MFSK-16/20Bd	(AB/RL)
XPA2	29-1	0940	19627	Sun	06479 00001 00000 37665	MFSK-16/20Bd	(AB/RL)
XPA2	29-1	1200	10921	Sun	00470 00208 77708 ... 24749 24885 03536	MFSK-16/20Bd	(AB/MPJ)
XPA2	29-1	1220	12221	Sun	00470 00208 77708 ... 24749 24885 03536	MFSK-16/20Bd	(AB/MPJ)
XPA2	29-1	1240	13521	Sun	00470 00208 77708 ... 24749 24885 03536	MFSK-16/20Bd	(AB/MPJ)
XPA2	30-1	0800	11493	Mon	00262 00114 62467... 70689 56292 02242	MFSK-16/20Bd	(AB)
XPA2	30-1	0820	13393	Mon	00262 00114 62467... 70689 56292 02242	MFSK-16/20Bd	(AB)
XPA2	30-1	0840	13993	Mon	00262 00114 62467... 70689 56292 02242	MFSK-16/20Bd	(AB)
XPA2	30-1	0910	14977	Mon	01198 00001 00000 35662	MFSK-16/20Bd	(AB/RL)
XPA2	30-1	0930	13971	Mon	01198 00001 00000 35662	MFSK-16/20Bd	(AB/RL)
XPA2	30-1	0950	13371	Mon	01198 00001 00000 35662	MFSK-16/20Bd	(AB)
XPA2	30-1	1600	9317	Mon	00439 00263 09752 ... 66470 98863 10052	MFSK-16/20Bd	(AB)
XPA2	30-1	1620	8117	Mon	00439 00263 09752 ... 66470 98863 10052	MFSK-16/20Bd	(AB)
XPA2	30-1	1640	7417	Mon	00439 00263 09752 ... 66470 98863 10052	MFSK-16/20Bd	(AB)
XPA2	31-1	0600	9382	Tue	07331 00097 76658 ... 00066 13455 72350	MFSK-16/20Bd	(AB)
XPA2	31-1	0620	10582	Tue	07331 00097 76658 ... 00066 13455 72350	MFSK-16/20Bd	(AB)
XPA2	31-1	0640	11582	Tue	07331 00097 76658 ... 00066 13455 72350	MFSK-16/20Bd	(AB)
XPA2	31-1	1100	10231	Tue	06910 00187 60906 ... 57358 45888 05335	MFSK-16/20Bd	(AB)
XPA2	31-1	1120	9331	Tue	06910 00187 60906 ... 57358 45888 05335	MFSK-16/20Bd	(AB)
XPA2	31-1	1140	8131	Tue	06910 00187 60906 ... 57358 45888 05335	MFSK-16/20Bd	(AB)
XPA2	31-1	1200	10921	Tue	05363 00001 00000 34263	MFSK-16/20Bd	(AB/RL)

XPA2	31-1	1220	12221	Tue	05363 00001 00000 34263	MFSK-16/20Bd	(AB/RL)
XPA2	31-1	1240	13521	Tue	05363 00001 00000 34263	MFSK-16/20Bd	(AB/RL)
XPA2	31-1	1600	10465	Tue	06619 00213 79122 ... 77927 01533 15573	MFSK-16/20Bd	(AB/MPJ)
XPA2	31-1	1620	9165	Tue	06619 00213 79122 ... 77927 01533 15573	MFSK-16/20Bd	(AB/MPJ)
XPA2	31-1	1640	8065	Tue	06619 00213 79122 ... 77927 01533 15573	MFSK-16/20Bd	(AB/MPJ)
XPB1	2-1	0600	12187	Mon	Russian intel.	MFSK-16	(AB)
XPB1	2-1	0610	13387	Mon	Russian intel.	MFSK-16	(AB)
XPB1	2-1	0620	13887	Mon	Russian intel.	MFSK-16	(AB)
XPB1	2-1	0630	14487	Mon	Russian intel.	MFSK-16	(AB)
XPB1	2-1	0640	14987	Mon	Russian intel.	MFSK-16	(AB)
XPB1	2-1	0650	15887	Mon	Russian intel.	MFSK-16	(AB)
XPB1	2-1	1100	14769	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-1	1110	14369	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-1	1120	13969	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-1	1130	13369	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-1	1140	12169	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	2-1	1150	11169	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-1	0600	12187	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-1	0610	13387	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-1	0620	13887	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-1	0630	14487	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-1	0640	14987	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-1	0650	15887	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-1	1300	20069	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-1	1310	19369	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-1	1320	18269	Tue	Russian intel.	MFSK-16	(AB)
XPB1	3-1	1330	17469	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-1	1340	16269	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	3-1	1350	15969	Tue	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-1	1200	15925	Wed	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	4-1	1210	14825	Wed	Russian intel.	MFSK-16	(AB/RL/HFD)
XPB1	4-1	1220	13425	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-1	1230	12125	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-1	1240	10425	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	4-1	1250	9325	Wed	Russian intel.	MFSK-16	(AB/HFD)
XPB1	6-1	1300	20069	Fri	Russian intel.	MFSK-16	(AB)
XPB1	6-1	1310	19369	Fri	Russian intel.	MFSK-16	(AB)
XPB1	6-1	1320	18269	Fri	Russian intel.	MFSK-16	(AB)
XPB1	6-1	1330	17469	Fri	Russian intel.	MFSK-16	(AB)
XPB1	6-1	1340	16269	Fri	Russian intel.	MFSK-16	(AB)
XPB1	6-1	1350	15969	Fri	Russian intel.	MFSK-16	(AB)
XPB1	7-1	1100	14769	Sat	Russian intel.	MFSK-16	(AB)

XPB1	7-1	1110	14369	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	7-1	1120	13969	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7-1	1130	13369	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7-1	1140	12169	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7-1	1150	11169	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7-1	1200	15925	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7-1	1210	14825	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	7-1	1220	13425	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7-1	1230	12125	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7-1	1240	10425	Sat	Russian intel.	MFSK-16	(AB)
XPB1	7-1	1250	9325	Sat	Russian intel.	MFSK-16	(AB)
XPB1	9-1	0600	12187	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9-1	0610	13387	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9-1	0620	13887	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9-1	0630	14487	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9-1	0640	14987	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9-1	0650	15887	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9-1	1100	14769	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	9-1	1110	14369	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9-1	1120	13969	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9-1	1130	13369	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9-1	1140	12169	Mon	Russian intel.	MFSK-16	(AB)
XPB1	9-1	1150	11169	Mon	Russian intel.	MFSK-16	(AB)
XPB1	10-1	0600	12187	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10-1	0610	13387	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10-1	0620	13887	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10-1	0630	14487	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10-1	0640	14987	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10-1	0650	15887	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10-1	1300	20069	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10-1	1310	19369	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10-1	1320	18269	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10-1	1330	17469	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10-1	1340	16269	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10-1	1350	15969	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11-1	1200	15925	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11-1	1210	14825	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11-1	1220	13425	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11-1	1230	12125	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11-1	1240	10425	Wed	Russian intel.	MFSK-16	(AB)
XPB1	11-1	1250	9325	Wed	Russian intel.	MFSK-16	(AB)
XPB1	13-1	1300	20069	Fri	Russian intel.	MFSK-16	(AB/RL)

XPB1	13-1	1310	19369	Fri	Russian intel.	MFSK-16	(AB)
XPB1	13-1	1320	18269	Fri	Russian intel.	MFSK-16	(AB/RL)
XPB1	13-1	1330	17469	Fri	Russian intel.	MFSK-16	(AB)
XPB1	13-1	1340	16269	Fri	Russian intel.	MFSK-16	(AB)
XPB1	13-1	1350	15969	Fri	Russian intel.	MFSK-16	(AB)
XPB1	14-1	1100	14769	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14-1	1110	14369	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14-1	1120	13969	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14-1	1130	13369	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14-1	1140	12169	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14-1	1150	11169	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14-1	1200	15925	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14-1	1210	14825	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14-1	1220	13425	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14-1	1230	12125	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14-1	1240	10425	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14-1	1250	9325	Sat	Russian intel.	MFSK-16	(AB)
XPB1	16-1	0600	12187	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16-1	0610	13387	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16-1	0620	13887	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16-1	0630	14487	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16-1	0640	14987	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16-1	0650	15887	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16-1	1100	14769	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	16-1	1110	14369	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16-1	1120	13969	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16-1	1130	13369	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16-1	1140	12169	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16-1	1150	11169	Mon	Russian intel.	MFSK-16	(AB)
XPB1	17-1	0600	12187	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17-1	0610	13387	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17-1	0620	13887	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17-1	0630	14487	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17-1	0640	14987	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17-1	0650	15887	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17-1	1300	20069	Tue	Russian intel.	MFSK-16	(AB/RL/MPJ)
XPB1	17-1	1310	19369	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17-1	1320	18269	Tue	Russian intel.	MFSK-16	(AB)
XPB1	17-1	1330	17469	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	17-1	1340	16269	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	17-1	1350	15969	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	18-1	1200	15925	Wed	Russian intel.	MFSK-16	(AB)

XPB1	18-1	1210	14825	Wed	Russian intel.	MFSK-16	(AB/RL)
XPB1	18-1	1220	13425	Wed	Russian intel.	MFSK-16	(AB)
XPB1	18-1	1230	12125	Wed	Russian intel.	MFSK-16	(AB/RL)
XPB1	18-1	1240	10425	Wed	Russian intel.	MFSK-16	(AB)
XPB1	18-1	1250	9325	Wed	Russian intel.	MFSK-16	(AB)
XPB1	20-1	1300	20069	Fri	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	20-1	1310	19369	Fri	Russian intel.	MFSK-16	(AB)
XPB1	20-1	1320	18269	Fri	Russian intel.	MFSK-16	(AB)
XPB1	20-1	1330	17469	Fri	Russian intel.	MFSK-16	(AB)
XPB1	20-1	1340	16269	Fri	Russian intel.	MFSK-16	(AB)
XPB1	20-1	1350	15969	Fri	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1100	14769	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1110	14369	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1120	13969	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1130	13369	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1140	12169	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1150	11169	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1200	15925	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1210	14825	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1220	13425	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1230	12125	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1240	10425	Sat	Russian intel.	MFSK-16	(AB)
XPB1	21-1	1250	9325	Sat	Russian intel.	MFSK-16	(AB)
XPB1	23-1	0600	12187	Mon	Russian intel.	MFSK-16	(AB)
XPB1	23-1	0610	13387	Mon	Russian intel.	MFSK-16	(AB)
XPB1	23-1	0620	13887	Mon	Russian intel.	MFSK-16	(AB)
XPB1	23-1	0630	14487	Mon	Russian intel.	MFSK-16	(AB)
XPB1	23-1	0640	14987	Mon	Russian intel.	MFSK-16	(AB)
XPB1	23-1	0650	15887	Mon	Russian intel.	MFSK-16	(AB)
XPB1	23-1	1100	14769	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	23-1	1110	14369	Mon	Russian intel.	MFSK-16	(AB)
XPB1	23-1	1120	13969	Mon	Russian intel.	MFSK-16	(AB)
XPB1	23-1	1130	13369	Mon	Russian intel.	MFSK-16	(AB)
XPB1	23-1	1140	12169	Mon	Russian intel.	MFSK-16	(AB)
XPB1	23-1	1150	11169	Mon	Russian intel.	MFSK-16	(AB)
XPB1	24-1	0600	12187	Tue	Russian intel.	MFSK-16	(AB)
XPB1	24-1	0610	13387	Tue	Russian intel.	MFSK-16	(AB)
XPB1	24-1	0620	13887	Tue	Russian intel.	MFSK-16	(AB)
XPB1	24-1	0630	14487	Tue	Russian intel.	MFSK-16	(AB)
XPB1	24-1	0640	14987	Tue	Russian intel.	MFSK-16	(AB)
XPB1	24-1	0650	15887	Tue	Russian intel.	MFSK-16	(AB)
XPB1	24-1	1300	20069	Tue	Russian intel.	MFSK-16	(AB/RL)

XPB1	24-1	1310	19369	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	24-1	1320	18269	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	24-1	1330	17469	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	24-1	1340	16269	Tue	Russian intel.	MFSK-16	(AB)
XPB1	24-1	1350	15969	Tue	Russian intel.	MFSK-16	(AB)
XPB1	25-1	1200	15925	Wed	Russian intel.	MFSK-16	(AB)
XPB1	25-1	1210	14825	Wed	Russian intel.	MFSK-16	(AB)
XPB1	25-1	1220	13425	Wed	Russian intel.	MFSK-16	(AB)
XPB1	25-1	1230	12125	Wed	Russian intel.	MFSK-16	(AB)
XPB1	25-1	1240	10425	Wed	Russian intel.	MFSK-16	(AB)
XPB1	25-1	1250	9325	Wed	Russian intel.	MFSK-16	(AB)
XPB1	27-1	1300	20069	Fri	Russian intel.	MFSK-16	(AB)
XPB1	27-1	1310	19369	Fri	Russian intel.	MFSK-16	(AB)
XPB1	27-1	1320	18269	Fri	Russian intel.	MFSK-16	(AB)
XPB1	27-1	1330	17469	Fri	Russian intel.	MFSK-16	(AB)
XPB1	27-1	1340	16269	Fri	Russian intel.	MFSK-16	(AB)
XPB1	27-1	1350	15969	Fri	Russian intel.	MFSK-16	(AB)
XPB1	28-1	1100	14769	Sat	Russian intel.	MFSK-16	(AB)
XPB1	28-1	1110	14369	Sat	Russian intel.	MFSK-16	(AB)
XPB1	28-1	1120	13969	Sat	Russian intel.	MFSK-16	(AB)
XPB1	28-1	1130	13369	Sat	Russian intel.	MFSK-16	(AB)
XPB1	28-1	1140	12169	Sat	Russian intel.	MFSK-16	(AB)
XPB1	28-1	1150	11169	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	28-1	1200	15925	Sat	Russian intel.	MFSK-16	(AB)
XPB1	28-1	1210	14825	Sat	Russian intel.	MFSK-16	(AB)
XPB1	28-1	1220	13425	Sat	Russian intel.	MFSK-16	(AB)
XPB1	28-1	1230	12125	Sat	Russian intel.	MFSK-16	(AB)
XPB1	28-1	1240	10425	Sat	Russian intel.	MFSK-16	(AB)
XPB1	28-1	1250	9325	Sat	Russian intel.	MFSK-16	(AB)
XPB1	30-1	0600	12187	Mon	Russian intel.	MFSK-16	(AB)
XPB1	30-1	0610	13387	Mon	Russian intel.	MFSK-16	(AB)
XPB1	30-1	0620	13887	Mon	Russian intel.	MFSK-16	(AB)
XPB1	30-1	0630	14487	Mon	Russian intel.	MFSK-16	(AB)
XPB1	30-1	0640	14987	Mon	Russian intel.	MFSK-16	(AB)
XPB1	30-1	0650	15887	Mon	Russian intel.	MFSK-16	(AB)
XPB1	30-1	1100	14769	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	30-1	1110	14369	Mon	Russian intel.	MFSK-16	(AB)
XPB1	30-1	1120	13969	Mon	Russian intel.	MFSK-16	(AB)
XPB1	30-1	1130	13369	Mon	Russian intel.	MFSK-16	(AB)
XPB1	30-1	1140	12169	Mon	Russian intel.	MFSK-16	(AB)
XPB1	30-1	1150	11169	Mon	Russian intel.	MFSK-16	(AB)
XPB1	31-1	0600	12187	Tue	Russian intel.	MFSK-16	(AB)

XPB1	31-1	0610	13387	Tue	Russian intel.	MFSK-16	(AB)
XPB1	31-1	0620	13887	Tue	Russian intel.	MFSK-16	(AB)
XPB1	31-1	0630	14487	Tue	Russian intel.	MFSK-16	(AB)
XPB1	31-1	0640	14987	Tue	Russian intel.	MFSK-16	(AB)
XPB1	31-1	0650	15887	Tue	Russian intel.	MFSK-16	(AB)
XPB1	31-1	1300	20069	Tue	Russian intel.	MFSK-16	(AB/RL/MPJ)
XPB1	31-1	1310	19369	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	31-1	1320	18269	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	31-1	1330	17469	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	31-1	1340	16269	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	31-1	1350	15969	Tue	Russian intel.	MFSK-16	(AB/RL)

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

Voice stations

Code	Language	Origin	Related stations
E06	English	Russia	G06, G06b, S06, S06b, S06c, M14, F01, F06, F06a
E07	English	Russia	E07a, V07, M12, XPA1, XPA2, XPB1, F07, P07
E07a	English	Russia	E07, V07, M12, XPA1, XPA2, XPB1, F07, P07
E11	English	Poland	E11a, S11a, F03, P03
E11a	English	Poland	E11, S11a, F03, P03
E17z	English	Ukraine	S06s
E25	English	Egypt	E25a
E25a	English	Egypt	E25
G06	German	Russia	E06, G06b, S06, S06b, S06c, M14, F01, F06, F06a
G06b	German	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06, F06a
S06	Russian	Russia	E06, G06, G06b, S06b, S06c, M14, F01, F06, F06a
S06b	Russian	Russia	E06, G06, G06b, S06, S06c, M14, F01, F06, F06a
S06c	Russian	Russian	E06, G06, G06b, S06, S06b, M14, F01, F06, F06a
S06s	Russian	Ukraine	E17z
S11a	Russian	Poland	E11, E11a, F03, P03
S25	Russian	Russia	
V07	Spanish	Russia	E07, M12, XPA1, XPA2, XPB1
V13	Mandarin	Taiwan	
V15	Korean	North Korea	
V24	Korean	South Korea	
V26	Chinese	China	M95, Q26
V28	Korean	North Korea	
VC01	Chinese	China	VC03, MC03
VC03	Chinese	China	VC01, MC03

Morse stations

Code	Mode	Origin	Related stations
M01	Morse	Russia	M01a
M01a	Morse	Russia	M01
M12	Morse	Russia	E07, V07, XPA1, XPA2, XPB1, P07, V07
M14	Morse	Russia	E06, G06, G06b, S06, S06b, S06c, F01, F06, F06a
M21	Morse	Russia	M41
M22	Morse	Israel	
M23	Morse	France	
M41	Morse	Russia	M21
M51a	Morse	France	M51b
M51b	Morse	France	M51a
M89	Morse	China	
M95	Morse	China	V26, Q26
MC03	Morse	China	VC01, VC03
UM03	Morse	China	
UM04	Morse	Bulgaria	PROMRCh daily schedule
UM10	Morse	?	

Digital stations

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F06, F06a
F02	MFSK-4/150Bd/4000Hz	Russia	
F03	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
F06	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06a
F06a	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06
F07	5xMFSK-16/10Bd/20Hz+250Bd BPSK bursts	Russia	E07, V07, M12, XPA2, XPB1, P07
HM01	Voice + RDFT or 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, XPA2, XPB1, F07
Q26	4+4 QPSK	China	V26, M95
SK01	Various	Cuba	
X06	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06a	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06b	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06c	MFSK-6	Russia	X06a, X06b, X06c, X06d
X06d	CW	Russia	X06a, X06b, X06c, X06d
XPA	MFSK-20	Russia	E07, V07, M12, XPA2, XPB1, F07, P07
XPA2	MFSK-16	Russia	E07, V07, M12, XPA1, XPB1, F07, P07
XPB1	MFSK-16	Russia	E07, V07, M12, XPA1, XPA2, F07, P07

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	[BT =]	- . . . -
M	- -	Accented letters		Understood		... - .
N	- .	Ä	. - . -	Plus sign	[+]	. - . - .
O	- - -	Á	. - - . -	Invitation to transmit		- . -
P	. - . .	CH	- - - -	Wait	[AS]	. - . . .
Q	- - . -	É	.. - . .	End of Transmission	[SK, VA]	... - . -
R	. - .	Ö	- - - .	End of message	[AR]	. - . - .
S	...	Ü	.. - -	Starting signal		- . . - -
T	-			Multiplication sign	[×]	- . . -
U	.. -			At sign	[@]	. - - . - .
V	... -			Break	[BK]	- . . . - . -
W	. - -			Ampersand	[&]	. - . . .
X	- . . -					
Y	- . - -					
Z	- - . .					

See also

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

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

E11 family digital transmission modes.

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

FSK transmissions

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

PSK transmissions

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

Notes:

- Bit Period is the time needed to transmit one bit
- N&O uses designator POL for Polish digital modes without a designator
- Defunct modes F03a, F03b, F11, P03a, P03b, P03c

COLOPHON

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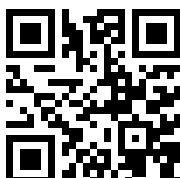
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976 27364 92886 89428 61288 14982 36498 32764 81276 81
986 48932 70987 32123 49817 26346 81287 65491 87364 81
721 75654 55656 12737 72727 72727 91918 63473 67867 70
723 87629 37677 32612 53498 71296 28756 18276 98716 87
7269 76329 74698 76857 98678 27681 56781 57681 73648 1
7591 87364 87265 96718 27638 12673 84769 28743 98127 5
758 63298 75698 27465 87326 49876 28376 81273 98615 86
67 87432 74328 78674 29867 32867 67867 86786 43276 486
67 68768 68763 34234 34238 68768 62342 48273 48768 230
936 98432 32432 86743 43286 43286 43286 43286 43286 432
743 86743 86743 39867 32867 86743 43286 43286 43243 86
751 86743 86743 86743 86743 86743 86743 86743 86743 86
983 98798 98754 98754 98754 98754 29867 67543 67986 86
976 87698 69876 87698 69876 87612 12341 34867 86798 652
867 43298 65656 56756 56123 32143 14321 32143 14321 321
867 87287 58765 76587 58765 76587 58765 76587 58756 765

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