

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 #284, May 2021

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

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

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



-. ..- -- -... . -.-- -.- -- -.. -.. .. -

CONTENT

CONTENT.....	2
Inhoud.....	2
FOREWORD.....	3
VOICE STATIONS	3
MORSE STATIONS	16
DIGITAL MODES	38
CLANDESTINE / TARGETED RADIO & JAMMERS.....	95
UTILITY ROUND-UP	95
EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES	98
RUSSIAN MILITARY TRANSCRIPTS.....	107
LOGS SECTION.....	110
CONTRIBUTORS.....	172
APPENDIX.....	173
COLOPHON	176

FOREWORD

Hi, here is N&O #284. A bit late as I announced last month. I had a lot to do and after that I enjoyed my vacation.

Pierre sent us his huge Russian intelligence Pacific report covering F01, F06, M14 and S06. The S06 transcripts were jotted down by Subilo and I decoded the M14 messges. You will find the logs and transcripts in the various columns.

VOICE STATIONS

E06

14565 kHz, 06-05/07-05, 0500 UTC

16125 kHz, 06-05/07-05, 0600 UTC

460 128 53

10666 83240 40656 39152 07191 42588 07633 58329 90079 19695
44660 91862 54317 96684 73375 77988 16354 57157 93482 98797
79482 56805 54621 33324 68059 38284 49428 16604 91510 94992
51227 21867 24065 13478 44782 08065 11143 49138 23557 99919
38344 14910 51920 92679 23972 87634 15719 98766 21029 61791
09680 78507 39620
128 53 00000

14565 kHz, 20-05/21-05, 0500 UTC

16125 kHz, 20-05/21-05, 0600 UTC

460 389 51

22360 28379 32013 85173 98602 29204 91143 41222 97157 47722
95950 43814 90291 51295 88391 04189 09499 66319 20051 53299
49649 42696 93250 41791 34162 23483 28034 68685 27164 49400
03470 81642 03548 52895 46707 15990 12882 21439 68221 64715
98108 34753 66697 96600 54958 05649 51966 64681 43030 79165
59543
389 51 00000

14778/12157 kHz, 13-05, 0300/0400 UTC

14767/12157 kHz, 14-05, 0300/0400 UTC

361 278 36

50437 33392 65200 42336 08180 11583 91351 88045 06310 24266
35531 65810 44599 88729 51354 54522 46589 43065 06193 50684
68004 06991 79093 26749 32227 79948 34965 70816 72493 60874
67226 68603 85534 55115 26092 13646
278 36 00000

11404/13551 kHz, 17-05, 0210/0310 UTC

11404/13562 kHz, 18-05, 0210/0310 UTC

537 680 45

65656 03164 39672 28904 42726 46165 40117 44162 13376 17212
14298 59709 63844 80760 25884 75806 79977 63780 73360 78108
31237 94509 77589 44251 47376 04605 86277 34907 17485 43096
37518 80258 66076 75597 49600 97809 85923 67217 29285 02491
32313 72587 15717 94978 08416
680 45 00000

14778/12157 kHz, 20-05, 0300/0400 UTC

14767/12157 kHz, 21-05, 0300/0400 UTC

361 549 37

29056 70294 95478 31250 58680 60402 25401 24943 83388 44368
43347 85232 37536 78118 24724 43037 20125 53714 90066 77175
80983 73978 96922 67557 55474 69799 45125 15269 33677 89801
43872 71744 74985 17054 14065 44204 04045
549 37 00000

11394/13572 kHz, 24-05, 0210/0310 UTC

11404/13572 kHz, 25-05, 0210/0310 UTC

537 198 46

07296 79784 39028 02688 00290 20406 84357 60268 41990 93487
50703 86800 99351 57218 21066 32612 75654 61177 84237 21137
60399 89567 19712 17190 89462 55718 38930 76990 13930 40041
43829 84602 01072 88632 88596 04496 15880 14708 55593 04897
56609 70056 81374 31647 42755 78699
198 46 00000

14767/12157 kHz, 27-05, 0300/0400 UTC

14767/12157 kHz, 28-05, 0300/0400 UTC

361 720 38

47875 56739 93751 74342 40207 35467 23422 56257 84693 67917
12994 26954 83508 44416 86442 42998 77957 38863 25052 44771
14740 83745 61255 19423 29481 31585 04612 24474 33498 32495
48333 14253 14719 82535 29834 36351 88703 22565
720 38 00000

11404/13571 kHz, 31-05, 0210/0310 UTC

537 602 47

39765 09137 58271 98559 14222 94320 82196 75698 24870 59342
01268 16153 29096 72554 39349 24765 53715 56088 22406 82904
38272 46128 98619 42778 75323 38046 82812 43319 58622 71086
98630 14838 75151 32294 16914 64641 01947 84362 13701 60789
93639 47097 96297 56185 71655 87179 70844
602 47 00000

E07

15836/14536/13536 kHz, 01-05, 1410/1430/1450 UTC

157 157 157 1 8629 117 8629 117

80108 33075 53392 01303 21086 36399 68048 68425 74729 69300
30492 86749 56211 33785 21946 37271 65965 01581 12674 83019
71334 46471 62234 88686 13736 53478 11868 32409 75431 20872
72012 89390 55155 28779 10862 94741 74878 72387 05468 41411
81680 26355 82626 26875 22926 76909 66455 17416 05744 26360
86166 94446 54018 15542 39832 66028 92198 11067 66066 68682
22598 34158 44362 67733 16941 54765 63029 69164 09897 93436
93298 89966 67263 85605 36449 80577 23849 73957 96825 25435
54791 17792 83865 11055 23691 66818 90092 69342 69389 01903
56204 69629 74120 81840 55850 61431 07085 14323 74358 41952
51509 63308 06614 61564 15327 94897 84404 37828 27452 71076
50430 12550 29137 41086 82318 25001 21207 000 000

16246/18446/19246 kHz, 04-05/07-05, 0700/0720/0740 UTC

242 242 242 1 4050 74 4050 74

06511 30208 76642 68543 45128 16925 22909 96747 05683 63056
79285 65826 44154 18019 21893 92345 59801 21314 42734 93188
24021 22571 84649 81832 26436 95823 42060 16539 50449 12174
03578 18072 83720 08083 18177 65582 59805 06108 48968 14975
88426 43951 35665 31149 65202 39542 13855 63148 95521 52902
78078 23943 16881 54821 51493 45263 76333 19802 03122 25360
79471 65616 47166 92404 10799 04904 69458 73867 13819 13795
04684 88205 12253 70292 000 000

13934/12134/10934 kHz, 05-05/09-05, 1700/1720/1740 UTC

919 919 919 1 6623 131 6623 131

82656 47970 02377 02202 10454 42136 44252 23747 52753 09108
25639 75834 50572 61789 07567 41657 28043 15925 77095 40954
14816 66437 76021 61052 89368 22797 55581 10464 17581 70280
92651 98840 91375 40754 72640 67112 29116 95904 98368 00453

85458 89952 76239 91972 98132 46434 45895 71207 73027 27561
33360 68942 51466 90186 99062 84662 43396 42250 41231 49472
90963 14779 45252 31435 22054 47299 23793 69190 46561 10174
67075 27203 02541 18641 49782 29069 70711 53670 02893 91789
17947 96565 74023 53218 65979 97298 65716 48784 69340 52690
11146 03963 48037 69894 44764 56029 56449 60470 28965 78602
45061 38746 36611 85952 91599 73488 10079 37813 09971 93693
03889 04912 01938 25669 83354 09554 33114 20390 02871 12073
48298 23642 15879 71557 65831 88592 27592 84631 38937 98265
94907 000 000

15836/14536/13536 kHz, 13-05/15-05, 1410/1430/1450 UTC

157 157 157 1 499 188 499 188
30179 30621 85036 13909 85600 76676 64954 51951 11657 56572
83869 77600 59076 37051 98217 18516 16678 76994 44605 96749
46509 41685 07326 41103 48830 25054 54712 53860 41609 08369
21835 52278 00982 06982 38777 89686 12958 79953 64060 28348
80189 56334 82237 06505 19990 18909 32911 33138 28599 50834
58702 64994 30392 70296 61694 92288 70128 64194 52416 53536
44666 46664 69745 27025 45046 39944 66612 21348 56372 02854
61681 53177 88442 01654 65857 72321 20764 02849 79879 87919
83950 25826 65378 83818 89148 64710 12980 24274 26668 98132
37876 65071 20773 42770 31778 57999 66450 24579 50607 35129
38841 05788 35519 49358 89022 39641 84618 38299 11622 27272
96397 16623 11521 10272 52587 73360 33436 21058 88545 01185
41123 97592 98786 99850 25126 35586 34656 08213 89392 41344
80740 04627 61892 37829 22779 64508 26743 39639 76360 39579
79714 34833 51912 53405 27251 34840 07113 15573 73704 84634
88324 90805 02085 15099 26195 89848 87853 73548 10344 49558
33095 32996 12389 69191 92401 84315 70927 44322 24518 35950
87147 28534 92698 05368 76165 84930 17798 22055 60980 01512
98115 02910 69869 37003 73667 88899 19148 08025 000 000

16246/18446/19246 kHz, 18-05/20-05, 0700/0720/0740 UTC

242 242 242 1 461 65 461 65
76667 55235 86225 58966 20269 22919 64986 00438 45400 96378
24447 62489 23615 66698 08791 91639 24588 62969 69718 08873
92554 35153 06028 51940 49689 35069 01814 08936 37782 39655
81482 99270 19558 97705 32672 31961 10525 37158 76319 40443
37372 13945 92791 11536 80762 81195 07924 28163 85884 08410
22277 81242 15865 13977 14120 33159 44111 95092 65377 72674
37237 46374 56084 07239 96988 000 000

13934/12134/10934 kHz, 19-05/23-05, 1700/1720/1740 UTC

919 919 919 1 300 71 300 71
15695 01836 52505 20217 47147 53428 87060 78266 07180 79762
83993 35126 34608 82822 58988 67270 59933 61736 92756 87532
25055 10038 92108 38871 90982 59312 45891 53330 90430 03594
44926 68078 54626 35157 83276 11069 77535 61357 71587 32037
24111 29691 59743 07377 30193 84330 64968 58713 86861 12680
79386 30088 10846 13751 08472 07873 87430 89820 43294 23949
76032 35839 53052 43621 55967 54003 90500 92830 89227 26358
06093 000 000

15836/14536/13536 kHz, 27-05/29-05, 1410/1430/1450 UTC

157 157 157 1 7437 107 7437 107
26526 33871 00988 11949 81470 01958 04840 25748 72694 13977
49055 62467 23279 81031 27842 12522 47256 67920 90659 54121
24696 55018 65888 36438 29162 45965 09269 36911 73639 09480
30136 72546 84695 10756 11185 33129 40441 62628 14783 50439
82873 50185 98346 81905 96799 66184 74109 68825 10525 25782
86303 91436 85484 37419 33779 55791 07254 69878 50988 63629
50356 02440 84707 92613 08698 85543 06666 89620 13147 69728

08226 43345 72611 63218 93902 65939 84922 59192 08230 59878
29708 71497 27173 96089 61544 89680 38269 25131 11728 25281
57563 57458 57956 57806 09677 41950 84223 48677 14988 28771
87684 06956 67013 24950 64748 92326 38187 000 000

E11a

9610 kHz, 03-05, 0745 UTC

268/31 Attention

32487 47483 84440 30058 33965 22149 98802 12748 61974 23754
85781 41999 48285 39292 72279 70383 16238 14756 57100 18045
09735 96355 25255 89415 82943 44784 09542 65639 49569 32801
76364

Attention (message repeated) Out

14410 kHz, 03-05/09-05, 1745 UTC

246/37 Attention

40254 26797 22370 01430 78531 32904 35801 74304 35349 24029
62293 70047 16161 32761 26661 19393 54114 89913 08459 24881
09497 78750 48263 55263 83089 93765 85625 08470 76398 44425
26043 49594 29694 21921 80671 97729 18717

Attention (message repeated) Out

8091 kHz, 04-05/06-05, 0645 UTC

514/38 Attention

80667 14602 93772 31377 42470 31962 45048 00377 65368 82597
44926 56285 48095 30280 10617 70810 40650 05544 50797 31138
18820 79863 97875 18180 12283 43098 73069 31279 98226 58499
94939 90307 60670 78125 72426 37591 75458 01464

Attention (message repeated) Out

14940 kHz, 04-05/06-05, 0745 UTC

220/31 Attention

21118 50598 69086 42856 46759 73032 53923 96139 23966 82404
86295 34356 34438 78284 33052 84697 43926 19364 34882 13702
79903 78345 18977 12545 30215 55075 58201 23682 46069 96314
72592

Attention (message repeated) Out

12984 kHz, 04-05/08-05, 1345 UTC

912/39 Attention

56227 24102 39439 21120 30309 02861 60005 63325 66343 17129
80998 30534 63567 23840 32327 72697 18338 76386 99095 43864
52560 80435 72929 05098 27972 39146 34753 49301 84520 86303
02194 71717 09763 61779 38020 85747 67045 36063 77400

Attention (message repeated) Out

15720 kHz, 05-05/07-05, 0745 UTC

346/37 Attention

89233 46878 44965 65140 22762 62584 20572 59920 13461 22207
40334 95355 88914 23680 97623 14233 22321 43258 64692 72782
37006 38109 59391 93759 12874 00304 79439 59791 12198 77992
83790 95039 29877 85122 87776 00559 02094

Attention (message repeated) Out

10356 kHz, 06-05, 1530 UTC

268/31 Attention

32487 47483 84440 30058 33965 22149 98802 12748 61974 23754
85781 41999 48285 39292 72279 70383 16238 14756 57100 18045
09735 96355 25255 89415 82943 44784 09542 65639 49569 32801
76364

Attention (message repeated) Out

15800 kHz, 10-05/12-05, 0640 UTC

944/33 Attention

73408 22150 90760 07627 11139 47956 89100 49594 76561 93711
82428 31663 92851 15880 39663 11302 45694 71682 47233 93127
28677 65854 77709 38770 80261 90624 70990 12317 83630 39373
81961 39282 51180

Attention (message repeated) Out

7449 kHz, 10-05/12-05, 0900 UTC

532/39 Attention

23441 40754 95847 96024 81930 38974 08364 05981 37434 83413
88337 51252 47942 43582 31330 45670 81756 80791 77675 91318
99786 10570 44226 00280 34050 90635 90997 95500 79500 27803
72339 05199 76396 22256 66214 57716 12461 68495 21263

Attention (message repeated) Out

8545 kHz, 10-05/12-05, 1045 UTC

693/23 Attention

21083 34574 25373 49774 55179 25706 91870 16790 04738 25534
03997 67749 66818 34403 63490 28050 55977 20992 52125 60619
36407 92138 89112

Attention (message repeated) Out

4638 kHz, 11-05, 0500 UTC

121/26 Attention

54624 56542 12841 20626 04026 46426 42465 42520 84054 60426
54024 68445 42605 84468 65424 56608 46245 04650 64084 02654
20652 64262 06468 02468 56422 26064

Attention (message repeated) Out

10429 kHz, 11-05/14-05, 0715 UTC

636/39 Attention

97043 77400 23997 91675 87745 27447 16695 11457 40973 78422
11455 14937 46816 10642 72825 13574 81549 85768 58363 72091
59821 68242 94298 43296 67729 33644 71014 06279 02535 31726
38936 19731 94968 10075 82417 35944 67750 37025 57102

Attention (message repeated) Out

17378 kHz, 11-05/12-05, 0820 UTC

131/35 Attention

15122 82533 96332 05770 13531 83344 16601 28895 91287 96399
24921 02749 93812 23821 61885 67257 87242 01837 03447 17205
49013 20767 54871 46851 11012 39635 66868 69539 75563 16787
95036 54198 77529 75026 38131

Attention (message repeated) Out

6304 kHz, 11-05/12-05, 1205 UTC

460/32 Attention

48620 78374 51383 61717 85309 34605 89118 24775 71541 88771
34830 14965 07489 57209 39732 17581 39681 75610 50821 95815
79066 80953 18107 40171 01954 17137 79128 83132 32891 87643
95707 51041

Attention (message repeated) Out

7863 kHz, 12-05/16-05, 1625 UTC

974/38 Attention

84779 49893 57302 07862 42516 71559 39930 37520 21981 01379
29626 63428 07381 79319 80416 31669 52676 24166 99867 36580
05064 78841 04559 78112 69858 69438 12930 21434 34075 00145
61858 03564 33436 76914 17588 23378 43023 94051

Attention (message repeated) Out

9060 kHz, 17-05, 0300 UTC

181/28 Attention

17767 77897 13598 85405 67072 39651 14224 46972 60530 09853
66157 09217 06253 07856 13473 69117 07855 62482 41092 63582
77343 39417 39595 02819 61342 61827 19264 19079

Attention (message repeated) Out

5737 kHz, 17-05/20-05, 1300 UTC

316/37 Attention

90933 23554 77128 83607 11629 94192 16412 17981 64876 14990
73524 98632 15469 70517 73947 86850 15991 09088 33101 00606
30676 24962 65543 59704 85805 45091 32975 47706 70789 12663
70677 29467 87588 61185 20393 01538 83911

Attention (message repeated) Out

5409 kHz, 17-05/21-05, 1530 UTC

521/35 Attention

86955 33516 77328 84928 55028 97662 00115 80449 35908 94980
89935 26933 03475 21085 02131 89967 13886 11410 04291 68566
68880 27206 80048 36431 03130 76786 46140 71189 40702 26550
17221 91774 56854 44734 46080

Attention (message repeated) Out

12153 kHz, 18-05/20-05, 0845 UTC

156/26 Attention

15956 37335 49544 07146 46264 04735 68680 34894 68187 99148
87084 72346 76226 82361 33497 64737 85170 57708 05235 49768
07444 01314 48847 82357 85825 61128

Attention (message repeated) Out

12153 kHz, 18-05/20-05, 1000 UTC

305/22 Attention

21234 74965 95903 40474 06484 94693 18536 32536 43303 55203
01002 14213 43845 55274 01202 70258 27806 79712 69556 62330
15556 44999

Attention (message repeated) Out

4909 kHz, 20-05/21-05, 0820 UTC

434/31 Attention

71031 40658 00386 68932 01464 13136 90105 29252 92887 70493
80675 20282 10995 98205 70230 19140 73451 54609 01882 92768
57901 80043 27437 87548 21073 02513 09798 71843 47887 32946
71603

Attention (message repeated) Out

9610 kHz, 21-05/23-05, 1910 UTC

617/37 Attention

27467 66156 83613 47053 20902 01805 78534 71103 25231 29061
86723 98479 39155 88018 82401 26178 09781 67099 83607 94168
20896 41154 41821 36500 71672 30925 38973 04560 14604 07184
19866 32966 91189 81058 05086 36631 20676

Attention (message repeated) Out

7469 kHz, 24-05, 0450 UTC

8088 kHz, 27-05, 1730 UTC

412/31 Attention

23871 62664 55898 03033 20306 13420 77908 31871 55763 34122
53994 30206 41084 68703 57838 34288 94674 22470 11770 27649
63825 65511 54819 86457 79447 95760 46683 50363 44960 72597
16384

Attention (message repeated) Out

12815 kHz, 24-05/26-05, 0845 UTC

719/36 Attention

59650 78987 36264 43758 08085 87242 43302 71770 65354 07407
79746 73116 46623 43765 22726 40353 00885 12140 12024 23010
90625 59828 30723 03977 01720 79375 89624 08402 13877 19923
45512 73078 65932 95286 55992 04771

Attention (message repeated) Out

7600 kHz, 24-05/27-05, 1900 UTC

640/37 Attention

11855 54940 96860 38424 02048 94451 93955 24073 47417 45723
10034 52245 42197 73218 77817 44725 34303 94087 43941 11908
59803 76425 52785 01195 29770 80084 20071 20046 47042 43181
94327 26556 42054 02526 77961 78212 29305

Attention (message repeated) Out

8680 kHz, 25-05/28-05, 0700 UTC

577/31 Attention

45405 24337 17297 78226 67309 73482 91680 01322 89743 96945
69181 70394 25083 74255 28185 74984 47826 19373 33372 86461
05678 36471 64631 91739 68473 55461 83798 25881 53617 79850
77310

Attention (message repeated) Out

6923 kHz, 26-05/27-05, 0930 UTC

275/37 Attention

44738 38178 31961 90594 34287 78597 96755 30614 98291 33820
34758 83743 10351 71106 81365 93760 78046 55071 59005 56354
29696 05488 37582 60904 92140 74837 12566 95693 81533 13852
62855 33547 05661 48037 03926 69903 18780

Attention (message repeated) Out

4783 kHz, 26-05, 1910 UTC

395/33 Attention

65917 40474 68297 82187 63024 71317 12637 29845 77220 87745
44096 01002 51778 53243 95429 94267 56468 78687 23688 71992
53153 27837 98762 44504 30566 83204 64053 21924 00952 88570
71840 19601 72209

Attention (message repeated) Out

12229 kHz, 28-05/30-05, 1650 UTC

921/39 Attention

63414 13888 55875 69636 12359 61964 39651 19941 91635 29306
08616 29543 25834 97794 41738 19862 85287 14507 12207 31656
66453 18518 94865 49958 89165 88388 85568 66003 79138 68149
05864 67422 49211 54212 96924 97265 19934 71809 12982

Attention (message repeated) Out

5082 kHz, 29-05/30-05, 1530 UTC

363/40 Attention

64843 61789 58608 76631 02696 95007 81428 56729 90778 33247
20337 06070 46821 54951 65108 33945 06505 43059 86711 89493
41801 35930 15859 63812 63812 20123 45402 33235 63881 17003
77540 08041 21963 10385 36218 79203 42235 09829 08903 78622

Attention (message repeated) Out

9150 kHz, 30-05, 0600 UTC

359/38 Attention

95712 60782 22304 73523 01773 66665 85191 84470 41685 36279
21556 42217 86313 55848 92410 51672 85883 57682 53635 18893
19843 15185 33819 88418 69423 57922 93074 85677 14623 90869
89835 16954 56331 58003 58918 63985 86677 25546

Attention (repeat message) Out

E17z

16780/12850 kHz, 06-05/13-05, 0800/0810 UTC

217 863 5 67542 87623 12654 67531 67452 863 5 00000

16780/12850 kHz, 20-05/27-05, 0800/0810 UTC

217 480 5 53516 25616 56069 96813 14199 480 5 00000

S06

13457/11128 kHz, 01-05, 1300/1330 UTC

14735/12207 kHz, 02-05, 0930/1000 UTC

480 275 41

77479 03752 62892 95901 70394 16432 54239 60685 45440 93446

16377 82115 50637 57420 10276 03243 48730 41612 13948 73415

55663 25581 77890 31175 47907 42842 41314 59321 99407 13073

89496 01428 13748 38932 10878 44775 21692 07355 01994 73310

61447

275 41 00000

8 and 9 May:

No transmissions, perhaps due to Russian holidays

13457/11128 kHz, 15-05, 1300/1330 UTC

14735/12207 kHz, 16-05, 0930/1000 UTC

480 639 44

52066 01630 66200 57401 84853 00773 88198 03406 11905 45671

09335 66502 84676 22763 63948 35769 95824 79412 98651 94441

68080 27822 77305 23843 95883 08867 73626 67677 92924 75241

15470 32175 64478 75710 14096 73995 85328 87650 23576 55716

55206 60429 13963 73321

639 44 00000

13457/11128 kHz, 22-05, 1300/1330 UTC

14735/12207 kHz, 23-05, 0930/1000 UTC

480 751 43

57923 15689 38290 64137 99288 71561 84703 48826 40681 18838

46338 63102 37871 29829 19860 90023 39302 58963 10418 27984

19101 18485 00621 22894 94543 02359 17202 33903 47724 14863

37428 93523 64082 66656 82322 41345 47287 45244 79990 55125

70335 30175 82115

751 43 00000

29 and 30 May:

No transmissions

17475/14736 kHz, 13-05, 0830/0930 UTC

17475/14726 kHz, 14-05, 0830/0930 UTC

842 916 35

98579 80803 40248 29997 20891 08700 52342 08131 72834 39526

85742 90131 51095 38416 49686 15034 90076 48565 90984 46059

26770 34290 03070 84627 14535 68717 58194 00086 15506 14542

04960 86094 26291 71282 98360

916 35 00000

17475/14736 kHz, 20-05, 0830/0930 UTC

17475/14736 kHz, 21-05, 0830/0930 UTC

842 507 36

48500 76627 39332 44443 59329 62276 53887 92831 99530 55648

87951 26032 14202 43736 58981 18804 89518 94307 65265 34834

80120 36590 08088 31295 00658 62749 17890 83425 17433 29868

82883 21316 01084 67085 03531 96084

507 36 00000

17475 kHz, 27-05, 0830 UTC. Not heard

14736 kHz, 27-05, 0930 UTC

17475/14736 kHz, 28-05, 0830/0930 UTC

842 619 37

94986 05014 52817 28626 58945 28457 98341 48101 67033 79798

96188 76118 66590 02553 72975 66067 00991 70786 60056 54767

29604 32698 30134 39297 80675 18738 56628 67589 73041 93971

94234 34983 67644 59367 04119 03915 34757

619 37 00000

PACIFIC REPORT

11616 kHz, 11-05, 0400 UTC. Brief signal interruptions during transmission

11616 kHz, 11-05, 0420 UTC. 480 for less than a minute

9322 kHz, 11-05, 0421 UTC. Late start

480 153 54

57315 23149 50673 52471 69288 52183 84192 74194 10557 31861

99525 87066 13263 23733 83710 97632 41938 84522 65645 51829

08469 59670 77586 11199 96916 26199 63218 62019 52893 58334

99502 93269 17173 14313 24477 04391 08227 67823 88201 28767

83381 32513 69038 83864 33261 52993 22447 83969 89236 60794

54490 76463 48536 18694

153 54 00000

11616 kHz, 12-05, 0400 UTC. Missing 00000 outro group, "woop woop" feedback in TX noise before and after voice transmission

9322 kHz, 12-05, 0420 UTC. Missing 00000 outro group and feedback as well

480 792 55

62741 29437 12329 33941 03181 07353 03464 12136 80504 94371

83812 56483 96784 56199 33645 01989 70377 76285 03585 43643

60597 47958 19027 77242 65538 32273 13161 83267 35230 92534

43300 27265 67307 41404 70198 75176 77392 61554 05035 47042

61364 85783 53775 57523 91722 47550 13571 16676 15205 37852

00907 89416 43877 29389 16169

792 55

11616/9322 kHz, 13-05, 0400/0420 UTC

480 351 57

02823 25818 76778 07215 41204 63391 76469 82269 86890 80898

94438 49587 37294 34325 30222 79864 86015 67226 54402 65097

63016 55373 50598 22097 21779 86265 31763 67956 84362 28188

04246 34082 80319 68514 78035 10978 40382 25932 46639 41547

30888 66279 85024 04510 39854 76685 39067 55394 50651 77698

04940 17224 64219 78087 21879 38107 55746

351 57 00000

11616/9322 kHz, 14-05, 0400/0420 UTC

480 267 52

02120 27506 60764 77555 33371 93560 34078 29539 71447 30103

24441 03902 77377 37267 82505 78774 41206 37232 53902 31026

65806 12006 61930 18433 21482 95217 60259 11950 51069 16350

47837 39013 30203 20849 63200 23820 12460 14553 00358 35513

14039 05872 13449 80217 17686 44164 02360 97859 00548 97733

96476 49710

267 52 00000

11616/9322 kHz, 17-05, 0400/0420 UTC

480 935 54
94313 01273 86948 62038 57576 93455 77509 14521 75717 49418
16715 73043 08435 51712 12616 29296 46376 89576 66461 39791
98455 14303 43275 47494 43733 17352 56199 72294 27521 29666
56796 31260 06429 65607 48498 74619 72009 59966 65377 48405
07710 71465 83450 19686 58817 51215 56681 25343 20069 99541
94878 30318 70635 59633
935 54 00000

11616/9322 kHz, 18-05, 0400/0420 UTC

480 621 51
62056 67892 42259 38106 52745 04760 92841 67853 13697 10719
29322 87090 11152 89797 10974 62864 08745 77135 73332 47044
11786 04139 72718 92690 17887 95371 89453 63895 34879 01879
13211 56254 51948 00617 58919 70176 74930 14686 86685 04218
61706 34053 24149 60609 18630 41446 14717 80195 43935 73118
40119
621 51 00000

11616 kHz, 19-05, 0400 UTC. Signal interruption during message

9322 kHz, 19-05, 0420 UTC. Signal interruption during callup

480 795 54
37923 67072 37030 29486 38121 03231 14263 00882 36409 76917
72344 31600 51995 67056 95310 63957 82169 63690 26331 53524
78401 67202 57525 86946 79164 71214 38230 92043 04200 52622
18920 26135 39880 17197 72948 53522 70383 74182 63314 48070
34353 38346 46640 81828 11727 82898 31536 85613 70443 91737
33551 92516 27683 84434
795 54 00000

11616/9322 kHz, 20-05, 0400/0420 UTC

480 123 55
45635 57834 40917 69741 20673 33229 29775 27650 49321 26984
26033 20856 47484 41254 28616 59774 21212 51187 12760 93022
50779 19060 69412 48164 13134 00301 04102 69810 91174 83591
06219 09778 43272 32251 24648 48978 31488 19060 10677 55742
31919 71742 14134 10249 75408 71276 43688 49758 93465 70220
27240 14334 63615 23246 33351
123 55 00000

11616 kHz, 21-05, 0401 UTC. Late start, "woop woop" feedback before and after transmission, and during pauses

11616 kHz, 21-05, 0412 UTC. Message ends, feedback resumes. 480 spoken once at 0414 UTC. Feedback stops at 1415 UTC. Carrier off at 0419 UTC

9322 kHz, 21-05, 0420 UTC. "Woop woop" feedback before and after transmission, and during pauses

480 672 51
11742 30244 32274 72679 64172 85018 11349 04509 57842 87214
97716 44041 47799 67514 97008 55550 10951 63165 34018 30745
19593 79379 28423 11156 72071 36366 98736 51626 29001 44211
05414 79606 28497 72762 69061 29943 78843 08732 24680 59834
52044 17187 97874 73654 26684 49627 13984 12328 53551 65824
76050
672 51 00000

11616 kHz, 23-05, 0400 UTC. Transmitter noise after the message, 480 said at 0416 UTC

9322 kHz, 23-05, 0420 UTC. 539 spoken twice, then 480 callup for 6 minutes

480 539 56
08890 31206 98217 83099 45046 09464 65072 36134 08595 42044
16907 13688 56917 29698 01680 51621 24666 97417 78025 86454
86111 49929 11448 30040 97274 26105 65122 17389 03783 81885
33789 69817 25385 57112 94125 40626 53064 03838 70083 35474
19687 84320 36585 24656 30123 64876 10050 89459 61775 62383
99164 69788 71463 22428 14356 05246
539 56 00000

11616 kHz, 25-05, 0400 UTC. Signal interruptions during message

9322 kHz, 25-05, 0420 UTC

480 126 68
49682 10728 05577 53436 13379 04133 77194 84389 81988 63958
97995 85721 20095 35850 84848 60005 06755 21019 48484 59218
68424 59643 04213 07047 34256 26070 41712 16606 68438 09278
21095 39508 59275 77035 87426 07210 69694 47183 20893 50589
78868 14478 64791 08681 69631 06452 98554 62502 41393 66703
47970 54927 53218 89076 49798 82521 26779 51141 12965 70293
63852 20448 43551 65291 58055 31953 25700 09988
126 48 00000

11616 kHz, 26-05, 0400 UTC. Signal interruptions during message

9322 kHz, 25-05, 0420 UTC

480 975 57
87475 12574 75046 06106 48959 96340 00511 91092 84785 42726
32665 72838 97501 21862 84160 99531 27743 10344 80037 81708
29818 62878 84725 70975 84089 68016 49443 40789 19654 55149
15958 48982 45651 44974 37620 86696 14752 60586 03627 43451
67192 41424 77443 42993 28815 27216 85322 29646 61547 04141
15858 09833 89766 30388 16514 78461 50975
975 57 00000

11616/9322 kHz, 27-05, 0400/0420 UTC

480 312 68
38805 70481 30106 55158 43698 70987 96312 22071 45059 48797
25466 93643 58438 25596 20590 33030 14716 06340 34277 17220
94026 42654 04417 09467 06662 31097 64251 03305 81885 00963
00184 05327 50590 71340 55770 48926 32744 82083 05356 56179
65557 28400 45756 90060 33311 53743 79465 64177 84782 80687
87785 02213 99207 84480 17353 64265 86709 38966 28462 82260
34148 89544 78660 71645 32306 32882 40026 11532
312 68 00000

11616/9322 kHz, 28-05, 0400/0420 UTC

480 679 65
26711 86005 33889 35841 10743 98291 62873 53202 33076 54302
98156 73260 88984 98948 81951 70340 41374 78171 76061 88978
65544 06534 18611 21340 04997 89994 56658 64013 24211 33545
03121 96410 69332 88394 91459 47916 72705 18393 26547 46000
62196 90384 55175 62485 61234 18168 04620 00126 90514 14764
62710 86728 07298 32667 97848 68962 43247 96772 42400 23073
26738 59668 87896 24678 00574
679 65 00000

11616/9322 kHz, 31-05, 0400/0420 UTC

480 325 55
48799 46639 30018 91244 11374 68536 94670 40638 40443 81719
86390 61363 20237 89149 04037 43014 50157 20045 29722 51194
08498 92209 59168 73095 49062 38900 54834 76840 66641 79943
20221 76786 92268 41772 18813 21968 04202 56075 86080 49877
65559 91749 07995 72761 24565 99843 64474 88626 38316 76169
61216 34137 06029 71282 98342
325 55 00000

S06c

14379 kHz, 25-05, 1450 UTC	11031 (R4m)
12107 kHz, 25-05, 1500 UTC	11031 (R4m)

S11a

5149 kHz, 01-05/02-05, 0830 UTC

372/36 Vnimanije

33920 54255 60564 56164 77479 04181 88745 61326 89991 56891
45197 55585 97746 80317 33276 51637 58826 62194 68250 99312
77139 26622 95072 44068 32797 43366 61759 91946 44313 94227
95831 90370 48829 48766 58436 64279

Vnimanije (message repeated) Konets

9339 kHz, 03-05/06-05, 0700 UTC

479/39 Vnimanije

37498 28433 55153 62813 88593 41651 51964 93560 91175 58222
45796 74271 51978 75889 25045 33329 91905 31400 11128 47143
32522 41162 98932 72789 79659 46808 85895 60471 72139 89292
40955 88945 32962 33587 87634 83051 29625 13853 01768

Vnimanije (message repeated) Konets

12457 kHz, 05-05, 1850 UTC

281/38 Vnimanije

94917 58067 77302 73956 62960 30322 72380 75489 44687 39757
19481 74307 73323 58475 14740 76032 56553 04832 31147 21819
94632 58091 12954 17386 87848 10424 37613 26932 52011 58468
33103 28530 47463 33084 30823 40005 14155 53633

Vnimanije (message repeated) Konets

13537 kHz, 10-05/12-05, 0510 UTC

655/35 Vnimanije

95433 34817 13108 68752 79119 86827 78933 85992 07075 51027
89702 79445 50439 74920 51702 14898 89762 06711 36656 41656
45379 70357 31188 67268 56780 86345 54292 37123 10221 17013
36840 86096 46961 98791 43541

Vnimanije (message repeated) Konets

10125 kHz, 14-04, 1020 UTC

427/32 Vnimanije

41955 90943 08262 03073 71550 31967 68080 66875 08856 94539
91745 55411 31717 12694 96736 78017 99611 91453 48210 01884
07262 61459 57317 33578 03826 06960 36898 59976 51429 53745
24267 50475

Vnimanije (message repeated) Konets

6814 kHz, 17-05/20-05, 0915 UTC

485/35 Vnimanije

90057 68566 60134 68769 86241 72891 46020 56925 83205 37211
66386 91640 47785 95769 93571 90454 13879 52952 83260 70571
32639 00321 59831 19161 23211 34179 81315 66360 63757 03111
81692 12427 39608 13404 25337

Vnimanije (message repeated) Konets

V07

13521 kHz, 09-05, 0300 UTC

514 514 514 1 468 24 468 24

28274 80801 16408 95830 87967 01520 15173 98219 82516 91725
12658 75395 56826 65357 80908 05592 88098 19568 03741 37399
60867 42580 61542 86261 000 000

13521/12121/11421 kHz, 16-05, 0300/0320/0340 UTC

514 514 514 1 100 26 100 26

56745 01344 01337 18337 48314 55188 29161 46003 04361 19771

37830 12341 18803 32894 01133 85662 39877 22832 14222 38785

88353 60332 12019 24558 50570 79118 000 000

11421 kHz, 23-05, 0340 UTC

514 514 514 1 9637 68 9637 68

98743 64629 00896 60367 75865 24488 64712 99254 14241 82956

24823 02359 30471 43971 85256 60614 78791 80578 31080 49666

97598 92093 77334 88467 10784 64438 43474 36198 50444 01263

16583 18098 68521 28314 04259 66007 86388 24692 82754 49656

38427 89358 94899 30128 24274 07410 15013 25192 21049 70823

95640 96441 85878 57062 23516 44118 80000 95729 57606 32889

43962 52964 21831 02316 80768 57223 83262 60448 000 000

13521 kHz, 31-05, 0300 UTC

514 514 514 1 531 54 531 54

41427 88684 21532 23816 44965 27754 80261 59463 84901 61007

20654 34900 04519 63479 02140 37188 55441 39962 28870 65445

91214 96157 68825 29169 37186 86846 26845 12402 41864 45600

83192 60586 78668 62850 21108 96342 42676 63835 32885 27535

06887 04538 14606 86882 61339 95987 16106 33804 54261 90626

51498 69223 97178 65856 000 000

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

9276 kHz is not // with 15890 kHz

9276 kHz, 01-05, 1200 UTC

15890 kHz, 01-05, 1200 UTC

9276 kHz, 04-05, 1200 UTC

15890 kHz, 04-05, 1200 UTC

9276 kHz, 05-05, 1159 UTC

9276 kHz, 07-05, 1200 UTC

15890 kHz, 07-05, 1200 UTC

7502 kHz, 07-05, 1300 UTC

9276 kHz, 08-05, 1200 UTC

15890 kHz, 08-05, 1200 UTC

7502 kHz, 08-05, 1300 UTC

7502 kHz, 08-05, 1330 UTC

9276 kHz, 09-05, 1200 UTC

15890 kHz, 09-05, 1200 UTC

9276 kHz, 09-05, 1230 UTC

15890 kHz, 09-05, 1230 UTC

7502 kHz, 09-05, 1300 UTC 7502 kHz, 09-05, 1330 UTC

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

5285 kHz USB, 01-05, 1203 UTC

5318 kHz USB, 09-05, 1333 UTC

5318 kHz USB, 16-05, 1258 UTC

5810 kHz LSB, 16-05, 1301 UTC

MORSE STATIONS

M01

6435 kHz, 01-05, 1500 UTC

025 819 819 30 30 = =
58116 95163 30645 69528 60638 28871 72530 30628 16266 64565
53773 35012 61779 06578 62293 34370 10784 69186 94180 37238
09063 14748 50546 33731 75604 00448 68506 77127 88122 43850
= = 819 819 30 30 000

6780 kHz, 02-05, 0700 UTC

025 855 855 30 30 = =
67327 68976 07710 58764 22156 21936 05015 94112 61738 55608
22850 77460 29235 61414 02006 17818 71672 66744 42136 66025
26765 57923 42489 52172 73014 40465 46982 75608 79849 41595
= = 855 855 30 30 000

5280 kHz, 04-05, 1800 UTC. Different repeat in red

025 244 244 30 30 = =
08000 37888 73260 80259 73315 09181 85916 91547 94619 39201
90379 90527 54637 15183 04748 71330 713300 91183 54977 26561 60761
62505 48521 93578 19291 60933 77900 56235 35635 38965 49965
= = 244 244 30 30 000

4905 kHz, 04-05, 2000 UTC

025 257 257 30 30 = =
77291 29374 08331 38250 07991 93353 70672 72295 13589 50371
16952 76646 58649 07408 89065 27243 92611 26965 40406 73680
45813 72799 15472 18738 31556 72773 22524 77481 34817 58047
= = 257 257 30 30 000

5280 kHz, 06-05, 1800 UTC

025 729 729 30 30 = =
49440 72533 03866 42752 79214 24764 57966 04642 62945 03130
08211 35510 97446 10061 02093 99707 07647 82939 57199 83767
03953 60257 41707 07584 42987 40120 13974 57124 30929 47471
= = 729 729 30 30 000

4905 kHz, 06-05, 2000 UTC

025 748 748 30 30 = =
54507 07091 60845 80552 14900 93945 32609 75762 67308 05081
76962 61918 55074 85771 41343 76091 48961 38430 65166 49949
30819 27055 16466 44476 98401 06336 03207 67614 49634 31257
= = 748 748 30 30 000

6435 kHz, 08-05, 1500 UTC

025 543 543 30 30 = =
15624 20042 15397 52299 26307 86578 83287 26300 54868 14698
55739 38255 23461 32153 32119 35216 16506 78175 21733 17698
33645 25521 46534 85587 90250 49590 89223 12510 93097 18467
= = 543 543 30 30 000

6780 kHz, 09-05, 0700 UTC

025 594 594 30 30 = =
30626 19980 82692 55166 63010 67646 13737 57573 72505 01307
49791 44937 55069 65057 13852 91054 30090 64671 66640 93299
40083 42628 93636 90519 34511 98642 61176 65482 97689 55150
= 594 594 30 30 000

5280 kHz, 11-05, 1800 UTC. Sent only 29 groups

025 536 536 30 30 = =
38573 43971 10835 70487 75358 98287 45354 78645 23208 34195
41674 00238 88224 60943 14870 61569 23187 65832 72294 25712
16950 19779 92822 85177 03022 24087 32416 19765 92253
= = 536 536 30 30 000

4905 kHz, 11-05, 2000 UTC. Only one group count in the preamble. Different repeat in red

025 423 423 **30** = =
78223 09543 46321 13435 50744 27247 47118 17748 18811 81582
86789 66550 **6650** 90827 99900 61680 39949 81612 62933 47758 54455
80839 05449 55185 49059 56182 65250 75933 45358 71604 39910
= = 423 423 30 30 000

4905 kHz, 06-05, 2000 UTC. Errors is callup and group 13.

025 (**sometimes 205 or 25**) 745 745 30 = =
34679 12206 85001 53784 19183 15168 52989 58500 10877 81183
52543 67288 **9307** 93070 17037 17593 06456 28944 30000 98603 72795
27409 11399 96383 90818 01868 18527 11374 11878 12666 82440
= = 745 745 00 30 30 000

6435 kHz, 15-05, 1500 UTC. Group 16 was not repeated. Error in group 20. No separators at the end

025 738 738 30 30 = =
47092 28658 65530 22965 97966 03647 27059 30551 27832 95695
24292 51377 28424 28427 70073 81990 26092 30152 11402 **1591** 15919
25163 52236 83516 71972 24639 47940 58851 86644 95578
738 738 30 30 000

6780 kHz, 16-05, 0655 UTC.

VVV VVV = = then at 0700 UTC:

025 (**sometimes 250**) 397 397 30 30 = =
99696 82352 28260 57278 49539 11271 26081 67750 83798 46206
60294 19567 48269 80967 79537 28783 11287 10306 74018 02030
12032 78593 72067 92620 21642 65931 38363 79517 30723 07630
= = 397 397 30 30 000

5280 kHz, 18-05, 1800 UTC

025 913 913 30 30 = =
53525 15967 49951 81796 32384 28964 96667 45216 92440 01653
47663 13461 00313 81528 40473 40483 33655 55306 36270 79370
13184 44474 77592 16284 39639 68630 52468 81430 32868 91543
= = 913 913 30 30 000

4905 kHz, 18-05, 2000 UTC. Group 21 was not repeated. Different repeat of group 5

025 948 948 30 30 = =
88357 11428 60423 56670 22353 **225353** 82573 05952 20446 32393 87161
33605 92183 80771 13867 42225 81533 30436 10425 71893 71672
29202 67057 87230 95039 06044 76846 19412 29842 35451 59148
= = 948 948 30 30 000

4905 kHz, 20-05, 2000 UTC. Group 7 was not repeated

025 203 203 30 30 //
57990 10833 16783 41756 87751 61629 24548 06651 47012 83368
46092 04642 59421 81020 54434 15146 94690 05275 23082 36057
77384 34857 41923 01252 39110 87285 55352 63029 59337 39582
// 203 203 30 30 000

6435 kHz, 22-05, 1500 UTC

025 128 128 30 30 = =
88253 92690 18772 77199 96562 19756 75684 85772 58413 98708
10047 07019 03742 63972 21262 68862 06881 79124 20312 46921
70122 88395 80993 23705 11881 60202 40464 35868 60906 62282
= = 128 128 30 30 000

5280 kHz, 25-05, 1800 UTC

025 (also 205 and 250) 496 496 30 30 = =
 49082 77692 53253 60881 92585 80786 03392 90565 43760 89368
 90952 41695 80265 88606 17428 79379 12664 20910 92259 84536
 29070 04469 02166 29496 87670 95379 20018 44352 99662 85121
 = = 496 496 30 30 000

4905 kHz. 25-05, 2000 UTC

025 479 479 30 30 = =
 40986 45341 87707 40267 87239 19198 04350 90196 14163 25242
 53023 68005 75877 96163 90366 50700 71203 15576 32683 78418
 42396 57998 09792 27053 02135 12505 52830 55040 95262 49950
 = = 479 479 30 30 000

6435 kHz, 29-05, 1500 UTC. Errors in red

025 348 348 30 30 = =
 35216 28982 56228 46856 46856552543 52543 97902 97903 55874 98500 01733 42510
 4327 41327 47956 400700 40070 30431 91308 52454 09557 96874 67786 85585
 17314 32690 19461 52183 24525 98961 11035 7:314 79314 27739 25976
 = = 348 348 30 30 000

6780 kHz, 30-05, 0700 UTC

025 371 371 30 30 = =
 32924 60516 67051 24527 15296 83265 90967 12790 96323 54417
 72998 14178 11691 75952 62508 65321 44378 03413 79249 57911
 70025 24270 78352 15960 53182 48327 36875 88600 05256 49782
 = = 371 371 30 30 000

M01a**5898 kHz, 22-05, 0747 UTC**

273 273 273 51442 51442
 273 272 273 52172 52172

M12**10843/10243/9243 kHz, 01-05/07-05/08-05, 2100/2120/2140 UTC**

822 822 822 1 2813 120 2813 120
 36954 18675 08907 83131 33599 93228 29927 04521 92543 54033
 76761 58410 56815 07854 50263 09578 14622 26092 80826 05604
 14331 00240 11822 62952 29460 96638 66139 01565 72638 97406
 03402 66434 76380 85230 24113 56416 18615 40646 75289 77050
 17055 97526 76843 29276 72570 49356 96086 59477 79393 66451
 10934 83292 31859 46257 34817 86601 97667 72964 44126 29485
 92149 81073 09102 58236 37936 34788 79908 49394 31820 90221
 48299 57614 40964 71867 49086 50467 77795 50058 89911 23572
 22057 18453 18217 74100 87317 24467 54007 55972 64873 32728
 96297 80057 08223 47564 08622 56375 60223 55867 81310 58169
 87143 05514 65344 92493 38636 77970 21007 36625 66735 32411
 22541 39202 55918 63557 75608 47029 99442 53884 71245 19013
 000 000

10183/9083/8083 kHz, 01-05, 2210/2230/2250 UTC

199 199 199 1 493 102 493 102
 27072 34715 51588 29432 53218 03402 68682 67513 23467 38100
 13966 37565 30482 87307 00965 17839 97721 42787 79093 51669
 56439 90810 88832 97715 43336 88843 76016 05853 67085 53270
 47325 67120 40420 39810 48280 60738 54576 09229 59609 67835
 84565 35373 03693 12775 65914 77124 66291 04452 74266 68093
 25117 72529 00252 17152 69476 07421 00676 39608 09747 40242
 79009 84459 36897 90331 51290 08686 68599 98851 06155 80360
 70231 19078 76582 77598 68790 20327 15045 61195 75803 23043

63347 28678 41570 06839 36068 32849 10618 67705 31350 92097
34010 77128 99490 39459 33348 91419 65317 75314 17373 88452
68421 93218 000 000

14377/13461/12114 kHz, 03-05, 1300/1320/1340 UTC

317 317 317 1 7805 99 7805 99
00673 82176 12229 85692 28278 98547 98018 97348 08776 70030
34601 27994 06797 22140 12101 41500 98233 42005 28408 31794
59539 12686 11984 14352 02187 27027 33555 02932 25134 09666
97174 28756 41403 76334 95030 40747 30458 52812 15467 01196
45217 47770 20273 36827 57212 30359 29872 88373 84009 12633
43911 63183 34288 32455 53188 07110 14915 99666 46440 42226
98188 02020 92972 84029 35890 89684 84851 33034 68366 26611
92933 30289 15281 53469 54682 42228 23574 64417 31233 16440
82925 55118 17997 80545 18396 32240 87719 03219 12326 52265
10089 08061 22710 30707 47444 85021 10698 77819 12696 000 000

13381/12181/10781 kHz, 03-05/06-05, 2110/2130/2150 UTC

317 317 317 1 2661 77 2661 77
84158 86826 95816 88012 52548 58982 12391 13304 61642 53006
69340 00546 83414 68232 75950 68923 43322 08257 08735 45291
73075 09207 59253 51366 78979 34188 03078 22765 23033 45245
83041 04882 50252 73699 22143 66007 33442 10415 09447 44136
24602 01414 28457 79314 45253 64798 73619 71698 73683 42358
79845 82941 34152 51801 78602 44366 46181 98527 22017 35110
10023 27858 80679 19166 21114 41654 03592 03694 44048 36680
48545 67485 17274 10217 52299 71801 48234 000 000

9317/10484/11552 kHz, 04-05, 0530/0550/0610 UTC

135 135 135 1 9901 110 9901 110
93462 13520 98005 87670 92640 79993 84593 16034 10804 99836
71016 77065 24592 53173 27328 83590 81535 64426 35482 64989
57193 08727 31057 09235 19809 63491 44705 00595 76143 25812
72527 69097 74803 83006 03287 57477 14374 18528 19527 37004
84741 49742 94325 21061 98725 08004 76329 67860 21008 66364
17485 97580 58604 31129 53469 78639 44352 01479 82954 45065
54079 82797 01195 14074 16430 33825 28084 94664 73498 70993
95214 80776 53545 20355 68327 71442 23995 75935 96809 38046
77446 01037 66343 14688 61996 99334 91075 59435 55568 23467
81150 57476 07697 55598 19332 15313 65756 70479 74765 89583
67485 88739 04330 40030 40890 72674 19477 80807 82189 31460
000 000

13423/12123/11123 kHz, 04-05/06-05, 0700/0720/0740 UTC

411 411 411 1 5064 86 5064 86
16349 30484 11498 93609 88339 20589 26695 16510 47169 99117
21197 85610 77395 73908 15699 22064 78079 20848 96288 09772
66736 02270 76693 17387 77854 20206 69302 39638 34775 29226
94156 68369 18737 04225 49992 42506 16050 84148 85156 73717
30968 86053 84241 69797 63087 71228 07777 47259 21086 96060
58627 68124 14057 08741 25659 35988 77480 48839 09250 53562
90282 02018 85737 40341 34958 44512 84599 98785 04695 94946
60191 35980 48124 18114 12986 56811 44151 08415 91519 65362
29429 31944 28610 95757 24636 98341 000 000

14377/13461/12114 kHz, 04-05, 1200/1220/1240 UTC

317 317 317 1 3998 104 3998 104
39574 58614 83010 84587 39826 35054 85580 82981 24301 28404
66906 61211 98075 28102 55774 86713 50018 26414 60761 43648
36479 09158 04186 97983 54966 58059 49229 86217 35833 28892
64813 96713 28553 11897 25709 05623 69033 01099 28184 59292
19920 16722 49576 37223 90995 33964 12602 70831 44865 23411
76962 00976 86171 13449 28919 51242 09746 43971 60163 73054

98928 87876 97545 88607 83722 27281 20793 20568 74212 95614
86986 51696 14953 89513 82929 30503 60133 51937 14606 35774
99586 67682 45659 13627 79232 36966 82853 74266 84102 57004
08597 97162 97024 17022 60958 28106 65916 97884 93637 13860
87888 99004 06096 37864 000 000

16113/15813/15813 kHz, 05-05/09-05, 1600/1620/1640 UTC

188 188 188 1 9078 95 9078 95
32299 00746 55645 84890 60116 49438 72291 73716 61723 77846
54726 73039 24358 47009 07999 84146 47966 39055 96456 16598
76170 42161 18236 70492 40909 02149 86074 95440 53528 59569
95371 47651 64712 72137 10671 59162 65372 38959 07089 06099
88915 03413 40678 91316 19688 26105 03895 41136 73552 88245
74005 28130 38872 27535 48212 77386 64306 79877 73579 82925
44252 60930 02219 60427 93383 72200 74696 11208 62519 82456
65373 79529 82340 74438 18893 95693 67627 80906 22695 35856
79606 38673 35567 13494 30676 33355 81296 33666 36809 21252
48318 17483 12287 27642 98594 000 000

12162/11566/10711 kHz, 05-05, 1710/1730/1750 UTC

546 546 546 1 9783 110 9783 110
42062 62406 89166 09080 66026 23130 19818 81485 06895 57360
89969 71709 30104 81087 84229 98160 59521 20111 73482 05747
46582 46770 90193 45882 79960 49308 40686 94607 63412 61458
46929 46887 42685 84334 98705 45844 25823 71392 26833 36554
28108 68864 98344 83447 60412 30472 89201 33837 93742 32384
91077 24075 54046 95320 55178 22988 17522 69429 93082 52273
88179 40395 94293 88829 00131 15243 90240 25828 65570 40044
64073 77857 87965 82781 29533 45337 14706 59413 57249 86921
23232 78648 13580 40999 97555 47145 86115 82479 72031 22475
87921 47687 06299 51338 25101 67233 23387 16900 05609 00146
19093 25905 64345 73417 81227 69011 65872 22454 57844 62152
000 000

10183/9083/8083 kHz, 05-05/08-05, 2210/2230/2250 UTC

199 199 199 1 520 88 520 88
98102 58107 89017 41977 28034 37203 03031 51225 59198 32128
21256 86379 22834 04132 75938 42821 60796 29027 30219 37186
02409 17291 61477 59554 04461 58419 21371 79860 34961 15717
38404 37377 31689 01745 18440 67684 10816 56817 00335 40618
02159 32687 98327 64728 01680 15045 06654 39687 79634 29798
55759 56545 77189 05155 42703 97784 44230 43887 00631 18751
49172 32211 10919 77070 46647 29537 75930 80077 41125 21799
32833 52654 87349 43310 25414 22875 99091 68230 53318 18774
41833 01826 06523 00002 36002 49372 17690 49609 000 000

12162/11566/10711 kHz, 06-05, 1700/1720/1740 UTC

546 546 546 1 6127 111 6127 111
54450 64525 31322 80322 36140 42211 48862 41154 35306 68356
05293 83946 32411 42708 79879 83084 59640 96823 11681 10192
31279 17405 53101 35911 83467 52967 71060 36958 21778 79667
51083 97593 97838 33508 66329 65789 65381 51120 51929 52484
44581 97797 40706 33012 11292 57133 41834 19472 83256 53855
12262 31655 16452 21355 39284 78737 28572 18201 93821 29724
39201 20324 44383 21621 39245 00071 81593 25450 14066 50088
02400 46851 19506 39340 66110 99679 99191 56489 57838 18093
66581 41201 40052 18690 64454 97738 09643 23386 43374 57316
32196 11031 63910 53529 84725 20709 24665 78771 13960 14269
21018 84844 04049 16363 76708 45013 88016 14576 29331 62579
51531 000 000

12162/11566/10711 kHz, 06-05, 1800/1820/1840 UTC

546 546 546 1 6278 106 6278 106
55213 70064 36957 82242 22303 67460 87801 75784 88227 81341
05739 22177 96465 67930 35303 40124 54049 39509 53914 24661
11047 52795 11922 56962 61834 05151 04403 34574 02558 43699
55935 92697 90185 76998 10221 36350 69265 54143 17594 00700
74717 52711 39091 08420 25467 34371 38342 22190 26939 26674
15508 29033 19008 55579 87527 65164 68520 73269 21759 25944
61886 30321 68396 24801 12977 60025 06628 59656 70042 37886
77832 32119 39061 02101 37244 12443 92167 27394 38562 79432
15772 95491 18670 18489 29257 52516 17022 35437 72373 52761
95549 23197 69320 37356 63012 05422 35907 52629 03450 79170
88195 54419 79974 19244 00056 29504 000 000

14377/13461/12114 kHz, 06-05, 2000/2020/2040 UTC

317 317 317 1 1577 108 1577 108
69760 09879 93828 96393 72170 73005 55958 14905 95853 53005
94609 38062 69824 44336 47234 13535 32046 08855 34388 96609
00741 12256 92718 39454 55782 03455 57444 35534 85395 17194
92063 52810 77701 27265 83015 02820 32505 36809 06326 08383
44436 61903 24617 52647 69275 19845 29096 97149 16776 50250
71807 41784 63551 33648 81256 91519 07337 00011 79293 71252
14762 69337 36684 90170 23530 88219 89987 69610 17638 03344
69440 88453 76149 37718 04069 56140 54772 85489 74083 45244
35264 29754 17057 29411 82920 53234 93706 91030 87837 94509
51126 05058 87305 80098 18002 13651 18249 72435 41551 13878
93618 71005 69546 05918 56633 93590 75861 72052 000 000

14377/13461/12114 kHz, 10-05, 1300/1320/1340 UTC

317 317 317 317 1 4643 95 4643 95
71230 33151 75470 47842 33238 17422 19115 89292 03075 49184
32406 39848 69820 74311 55912 03484 26579 94042 90805 14778
05979 73386 95006 03130 23982 47850 55604 66871 51272 40745
73465 66145 05771 48959 45425 10157 39303 21047 94320 04558
50150 18214 65561 11639 28589 92114 74571 27891 39801 48609
97165 75350 97077 19849 32625 39475 15124 93914 74391 68030
50115 60902 70609 35837 80701 99709 49170 04967 93896 68398
00752 53095 62817 88808 95158 41744 16729 41654 73011 65717
89318 48277 35644 05513 72350 55041 84666 13634 69971 26561
19580 55703 87859 99072 68176 000 000

13926/13426/11526 kHz, 10-05, 2000/2020/2040 UTC

573 573 573 1 221 33 221 33
23248 00308 77284 18297 19942 39326 49970 37102 66127 44333
52351 28068 69184 82802 23645 71931 58088 65404 82151 75210
33525 54488 62014 89889 25406 76835 77086 85554 27648 25303
29576 67063 21821 000 000

8161/9161/10561 kHz, 11-05, 0030/0050/0110 UTC

115 115 115 1 8791 115 8791 115
47938 27479 48470 80188 44543 86023 91383 06236 45323 52963
30187 78619 21324 74994 90131 03853 52153 27686 26966 85638
48633 24279 27735 14841 44437 49466 84190 44814 31279 96138
33415 12887 01118 97461 46876 10369 08064 53102 33020 03692
35714 40721 74733 34071 59802 25416 07079 74034 92726 47613
16604 62343 85451 77507 28691 53286 25911 28712 11364 81416
04571 25532 11073 19971 77056 63857 98517 51224 41602 88283
87075 68633 43587 55611 72814 39005 99400 60612 69755 37226
97276 36248 84078 26609 03838 72692 26083 10364 46360 74272
29800 44766 35512 97477 33698 55621 99117 16799 86142 33567
85117 79476 25330 73788 08388 73445 61759 59745 82576 72819
12868 00993 99240 12939 80449 000 000

9317/10484/11552 kHz, 11-05, 0530/0550/0610 UTC

135 135 135 1 8303 108 8303 108
64832 73605 36872 88019 97761 85120 36820 15362 22119 60127
88304 87223 11391 68570 34396 76564 84952 43881 43130 09193
84323 35437 21574 62777 30755 93986 74536 30718 88408 27384
81420 87764 96579 85210 55588 45673 20047 60337 62078 23700
65288 25535 30031 95193 72834 24706 17566 67264 04074 62759
71872 47945 87564 54465 12442 32087 06109 98731 98816 39338
17007 46459 26064 25474 76146 33379 48705 35134 24239 28264
74581 55534 03665 39000 64132 24754 41631 93880 79894 97586
38168 33268 18099 86345 90103 66282 48980 60058 61198 98895
34027 26021 71344 28283 85769 89124 77239 07718 99831 57756
16956 77428 35883 98944 40104 97344 11653 17772 000 000

13423/12123/11123 kHz, 11-05/13-05, 0700/0720/0740 UTC

411 411 411 1 175 32 175 32
43584 60956 18673 31348 52485 44972 73630 95795 79061 82890
99482 92162 55861 95331 97704 86074 39473 95558 66793 61853
49404 52693 39007 07120 19690 76015 97582 92898 22872 84953
06043 52313 000 000

14377/13461/12114 kHz, 11-05, 1200/1220/1240 UTC

317 317 317 1 1297 101 1297 101
68103 43752 30791 50794 32124 21876 34323 52718 75332 81043
05192 47950 25989 86456 32606 88796 11445 73498 83215 25444
26489 89034 69098 10521 51468 09453 23343 57647 83152 82224
10239 01799 84492 26553 34052 20939 77212 11953 40648 48220
17690 70607 91302 02361 05928 38568 38737 01205 15983 26527
14510 47307 84913 13022 99210 57196 62286 83633 27226 65741
86308 21304 75440 51044 87699 27043 99677 09204 69585 62710
44203 19406 41874 88760 69007 82832 99848 56636 04140 51837
84113 53225 91086 43489 11400 27692 63464 48602 13477 94375
17945 60011 77399 56331 66358 87730 74841 94018 47585 30481
30969 000 000

12162/11566/10711 kHz, 12-05, 1710/1730/1750 UTC

546 546 546 1 9334 113 9334 113
42089 97322 55146 29573 48693 79928 01038 08370 91199 71842
23684 56152 98031 35856 46763 26796 51505 65182 36850 11776
23277 66941 89087 72075 73922 77261 18934 18729 05774 44082
81928 83959 83329 99945 95784 16288 37443 08745 89220 61474
45522 33176 20066 19999 01486 02478 02543 71119 77073 78569
72483 30751 08486 05638 07801 30759 26880 78710 73598 82203
21178 04469 22269 49679 17431 61813 18716 04190 33027 41904
86411 47852 85238 35009 98675 86256 42864 44601 36661 71734
90805 09653 84287 67693 88086 21057 69817 43713 58063 84795
04806 00042 89176 85103 20568 07357 84197 11857 33284 66304
22652 99125 26574 47104 77539 98721 34305 58568 29594 77539
85256 47253 12902 000 000

12162/11566/10711 kHz, 13-05, 1700/1720/1740 UTC

546 546 546 1 7745 111 7745 111
17476 94577 18039 87077 43805 55432 77296 09658 72789 84658
55893 79421 40250 36078 91480 16917 08947 19368 05444 79176
24968 40091 19250 50779 32398 47032 24254 58353 08356 12848
61382 91084 60669 66704 77248 59826 28546 00424 48416 92759
44891 99997 02711 84208 62459 92088 21221 70536 01454 10208
50663 10202 69114 80594 88838 48817 99093 25590 77500 09215
14359 61288 31123 69181 34697 03837 45756 46406 12706 56373
18492 68389 32803 73569 94110 17531 40006 60839 53503 83668
21683 67390 92975 31847 65173 69071 70949 23279 97829 23850
64281 69947 76573 93582 99148 96871 20465 28022 33802 21190
88030 73702 90224 62820 02258 60125 75862 40067 90993 20655
02999 000 000

12162/11566/10711 kHz, 13-05, 1800/1820/1840 UTC

546 546 546 1 5563 105 5563 105
16154 25112 67060 28038 48250 51690 12787 97895 25689 51245
35856 33658 08100 40181 40186 91455 49247 54214 51215 33575
59331 34987 19004 06735 97945 37032 65690 55924 05342 60264
76226 79978 64661 52009 57494 44519 24385 93442 56148 68737
30279 01371 24785 10711 28673 85918 57145 22694 70720 19396
50524 53430 42286 52223 94763 11471 91043 41990 97399 58854
96157 02982 48710 31751 32213 11867 32822 20462 12076 00186
40240 64015 94219 19498 26039 12542 09002 29425 89212 79975
16103 89948 48595 04286 14249 23902 22791 48964 20931 94352
37003 64700 40926 10670 14533 15939 89378 41654 00950 20669
97640 92772 15412 46142 93030 000 000

14377/13461/12114 kHz, 13-05, 2000/2020/2040 UTC

317 317 317 1 7674 108 7674 108
71781 16629 99966 89638 19122 13672 92219 42216 42444 88729
67356 80459 79890 66762 57573 85684 36476 19751 47628 43437
10003 82617 23605 15138 79258 70298 51203 35438 92578 11666
82059 18525 79622 10562 51758 53467 64529 30702 40170 05357
05941 74574 84859 33429 02547 59048 90896 04112 94054 01687
61066 80465 73095 75888 81399 52907 33271 79138 00555 54106
43798 57060 51482 41277 84408 86744 11943 05296 98532 96630
31327 08610 80618 32951 99318 08189 20441 98773 28187 92349
76111 48136 16828 85108 45229 07438 85681 58227 16302 59999
40364 24820 63758 50003 92827 81103 18444 72049 00021 78726
59869 11086 03889 78310 39502 92619 94838 10852 000 000

10843/10243/9243 kHz, 14-05/15-05/22-05, 2100/2120/2140 UTC

822 822 822 1 2720 166 2729 166
80149 23106 07929 27989 48706 77896 89493 64518 01496 49938
83707 29971 09097 98432 15454 88945 69169 38252 13198 81297
81044 19645 43370 83155 83668 33358 44839 87170 39202 86281
59296 14458 24028 15977 07895 20637 37640 98203 16734 45253
74997 01394 99185 37398 73995 01871 46619 61474 57180 07293
12275 09848 36893 24775 28467 37071 05688 80052 17518 07140
59669 41122 50761 32230 77704 27678 31904 83327 30150 53696
73832 67227 28290 45671 43223 20595 60021 91558 14742 49001
27531 16024 25100 91340 02422 96182 59112 64133 95406 08819
14589 55380 85905 34571 90146 25266 59010 00933 88210 97441
98196 93586 06371 38730 07231 66547 59692 84675 05230 77702
49120 90841 99327 09973 23849 61409 39991 72870 76617 44598
52769 46374 60724 21569 41968 86980 52380 10523 08484 93856
98244 89262 26895 60643 57611 18550 07553 87023 34055 98597
95406 01405 55738 94374 84035 28271 68862 36728 55947 88888
79894 59758 96464 89167 80629 00637 32910 78535 87798 80493
04852 90357 13944 86431 39724 88421 000 000

10183/9083/8083 kHz, 15-05, 2210/2230/2250 UTC

199 199 199 1 9250 90 9250 90
70256 56264 37138 83810 95156 29950 12943 74058 12333 63312
59127 19070 06907 58757 04435 84429 12289 08011 39149 82317
97244 34445 24730 30289 36533 28816 07069 92871 90721 36370
27153 18228 30795 14208 74311 31891 16048 04083 75954 72966
94056 18736 54393 29230 61094 82738 82269 33364 01948 75585
56037 85891 59111 21032 09845 21794 11804 18936 53144 72686
16028 53207 33347 91730 55183 04868 95373 66055 72021 93887
63647 81922 47346 37905 34582 07910 91474 25681 01074 50585
08545 18711 91127 68936 69323 49594 85267 08227 01311 46928
000 000

14377/13461/12114 kHz, 17-05, 1300/1320/1340 UTC

317 317 317 1 6956 101 6956 101
77238 47248 53352 56795 98539 96782 15611 85132 50975 64807
54216 81949 79427 97143 95479 99883 48716 62542 76634 56705
93467 09517 93014 92360 72616 28124 32823 13036 77373 36595
22097 76304 18274 75772 52903 08972 62172 01856 50084 94636
88860 92067 86578 86553 56207 52153 52604 84562 70278 84206
29091 15894 71522 50530 41825 54528 19091 51692 26524 55952
78902 11845 70503 71616 34517 75579 94990 20069 43234 10597
49888 33824 65046 20600 61922 02165 70605 06107 82722 83772
04481 39668 01166 69095 69521 34793 64445 35791 10426 60056
93816 19267 92632 67713 11074 55264 33123 36274 33012 83100
93825 000 000

13381/12181/10781 kHz, 17-05/20-05, 2110/2130/2150 UTC

317 317 317 1 4705 50 4705 50
44188 16357 54088 97352 78?27 79349 55735 54271 22642 77305
13655 51015 47957 20769 07662 16641 09534 87418 41701 35146
80894 71490 32266 63523 79495 40054 95708 03421 11995 32241
53937 31143 72228 84270 97656 26108 42076 22541 26581 93054
27979 39716 64681 98438 62628 48216 03700 33973 48232 37004
000 000

8161/9161/10561 kHz, 18-05, 0030/0050/0110 UTC

115 115 115 1 348 69 348 69
39924 45075 93009 17220 58512 60700 55286 63261 10450 56789
34346 89357 03805 58283 95221 05504 68255 93124 57109 62290
10428 10327 58998 84900 81807 48025 39321 46613 06745 14578
97731 88452 40407 76568 34080 70943 61731 07867 55076 40682
40871 25339 28711 26878 80153 11979 02107 79607 42832 59634
39081 49890 02179 47995 92327 98896 31271 44968 49032 09801
66965 38449 68739 25875 29106 07550 46599 13685 82848 000 000

9317/10484/11552 kHz, 18-05, 0530/0550/0610 UTC

135 135 135 1 7088 110 7088 110
56089 21778 15670 20444 93022 24968 00134 96078 30962 20187
70527 25766 71188 04330 59650 93400 22181 05861 49401 28081
86871 83927 81653 50278 45716 64647 02691 63373 65682 32865
26396 39714 37547 64737 16541 88983 45985 48628 76229 90116
84493 51988 40889 77692 78550 54241 86724 01040 39743 77322
23288 98988 08469 72639 67289 80113 70929 54934 11169 45046
41036 41490 87751 99274 32288 45684 29658 60665 30035 43640
53302 28141 85547 90264 92620 32924 19188 96626 88146 84556
31000 37109 98900 94658 24996 00151 87350 99075 24537 99147
48974 91030 25581 15300 03805 78627 09687 07611 88772 69715
46106 19916 04769 39611 48191 15179 81473 47215 07450 31189
000 000

13423/12123/11123 kHz, 18-05/20-05, 0700/0720/0740 UTC

411 411 411 1 5491 154 5491 154
91689 19778 28194 34344 46756 81057 24126 47908 51588 19861
78230 46650 17028 94735 99713 71838 77191 69140 56149 32131
56021 40184 31877 56900 93119 91512 69792 99493 64165 23666
00740 39191 17858 25152 48751 36717 83088 42935 11031 49795
65497 96342 49937 89234 23588 12255 79092 47829 01224 03662
74550 52100 43439 48598 85144 11372 50617 88249 14630 98560
92352 78927 74275 02645 87818 60811 68725 77395 87948 78407
54490 41172 24752 73236 69900 22875 14762 13911 38844 17431
72919 07935 67169 02713 71424 06711 20941 34992 85543 66641
47073 77703 29955 13518 25674 02657 91124 98638 97838 28681
43762 61817 06171 76641 69175 50085 52393 24339 75822 18035
16938 05152 95463 59130 68046 03486 19951 58642 80128 68733
57026 63493 66300 51229 27386 72582 51273 84522 28108 83786

02583 38160 43492 29222 67770 26218 07888 03045 52628 93670
38246 66514 10030 29226 19426 28413 45020 80027 62339 18246
40898 09566 18251 09972 000 000

14377/13461/12114 kHz, 18-05, 1200/1220/1240 UTC

317 317 317 1 1605 97 1605 97
41670 37221 25323 23821 81511 02912 13416 30827 14761 50788
56693 26560 18000 81259 24540 44996 05026 57473 64226 23752
48186 10198 87599 57835 16412 72388 06362 24155 45595 99220
45401 73969 97307 24877 15280 61563 79073 51354 85566 72412
40549 83595 68231 06572 01239 60623 36348 63684 26307 02145
16792 37252 86261 04855 60729 47159 38261 79424 91056 53697
54699 19498 66669 94643 19606 59164 00283 91370 84538 24366
17255 58534 17857 53729 71935 63223 05592 38627 15029 06062
96169 08899 15303 51924 66548 10645 93693 34992 40726 52093
97816 21687 92349 89360 12900 69282 90705 000 000

16113/15813/15813 kHz, 19-05/23-05, 1600/1620/1640 UTC

188 188 188 1 3981 47 3981 47
56670 42115 05061 21958 30121 11982 95756 98446 01078 65458
80878 94823 56765 61694 62432 32008 65941 77633 68746 06262
77366 81832 21149 38212 72723 74649 08107 50068 16806 11626
26567 94123 09960 16749 55618 74354 21306 64885 73192 18279
90766 17660 57170 47334 22345 17311 04245 000 000

12162/11566/10711 kHz, 19-05, 1710/1730/1750 UTC

546 546 546 1 2858 112 2858 112
38839 65754 06982 82527 25771 36026 90782 81667 29713 00305
02565 91025 05494 98154 66845 37540 23966 74123 60307 74873
19769 33102 16612 65836 47827 52768 89709 35372 33091 04280
16408 31583 16424 28619 12103 07806 10956 24716 20431 79759
27089 94478 52512 06862 70457 07795 10304 39156 70030 95310
01032 22509 26416 59478 15294 70148 54695 09082 03064 06864
00529 48185 11123 89466 68657 75554 11497 58400 17230 92736
01208 14051 92543 06248 95454 86257 57293 08415 08981 81799
00256 46759 51576 10603 22097 16545 68354 44728 31810 92129
85757 09374 80392 67921 63410 03988 84347 11873 51970 28983
12903 40556 79496 37811 59286 54617 24046 55202 15206 56916
59778 10048 000 000

10183/9083/8083 kHz, 19-05/22-05, 2210/2230/2250 UTC

199 199 199 1 2288 46 2288 46
54928 22995 34904 69772 86100 02604 60310 86375 18190 38900
90251 23326 02639 58288 43154 33661 53286 30792 83259 98489
51754 18859 57165 46712 16911 73067 14308 49808 33835 69705
05579 59489 40900 00463 73276 15642 20812 33137 45538 57192
48595 08212 87234 07808 38866 60039 000 000

12162/11566/10711 kHz, 20-05, 1700/1720/1740 UTC

546 546 546 1 3724 105 3724 105
90179 08636 87558 49256 50201 79749 77588 22275 46198 13673
32565 87157 11148 12766 27402 88310 82015 41920 50693 34706
96000 67547 93959 91084 04561 10568 31350 11909 66440 11104
24956 61399 62853 80358 71987 38059 98416 82794 97903 47902
17527 05082 71899 77794 62408 92853 69938 23245 31966 89916
60956 82438 86546 81417 44231 43849 92797 59379 98957 65498
75832 17541 54049 59670 98727 55664 88862 33365 83953 57461
07798 98666 50992 76425 25912 59182 81057 91972 57709 74936
93219 19563 07748 40323 66690 48824 09822 48855 96232 89224
70690 27214 21213 09513 51874 04372 56677 93820 76713 83002
93188 52950 74599 64533 60316 000 000

12162/11566/10711 kHz, 20-05, 1800/1820/1840 UTC

546 546 546 8740 112 8740 112
99549 74383 47841 53741 52246 06400 62219 51044 33844 14695
48813 67088 10277 14655 33297 24704 59556 84182 70252 30172
68132 16831 29033 15718 63828 21764 13077 78124 26870 70810
82985 39859 08189 99266 34566 05120 12556 93114 70524 34971
88257 46315 77657 73520 57028 38213 66401 30981 29066 93946
99665 07964 54189 03544 74708 57358 99843 69750 60236 88275
57409 51589 33485 56642 16037 61440 75693 14758 54956 26480
11754 97122 37072 37453 08166 67465 07548 57143 43424 83138
51959 30187 22472 61696 05018 74918 35080 97045 56370 29707
66177 91762 81993 61572 90240 42205 87842 74310 89416 46334
03977 53762 78604 12476 28473 96076 78964 47166 36682 02374
21661 28238 000 000

14377/13461/12114 kHz, 20-05, 2000/2020/2040 UTC

317 317 317 1 4889 107 4889 107
74368 62346 20246 35103 53325 15009 60614 36901 97256 08745
35961 31016 02349 24103 76184 71864 28645 10901 25731 74754
67618 73023 22473 15898 14091 18776 23228 51558 70769 91099
15872 16707 85250 80288 00210 17491 98885 65597 83589 27250
99109 03771 42787 07493 34210 65318 34992 06795 37882 65619
43217 46002 49587 93856 39540 56484 08223 02718 46760 32903
27146 48802 81152 57357 75672 62836 36451 37768 24699 34234
69326 70429 29448 16639 89664 29778 10480 42184 32566 39208
68846 72773 72773 24544 84786 53001 26682 31022 15356 05183
84859 10981 32660 06814 04313 20215 01162 88090 21118 99746
46043 41626 08720 20932 25901 82123 33751 000 000

10843/10243/9243 kHz, 21-05, 2100/2120/2140 UTC

822 822 822 1 2720 166 2720 166
80149 23106 07929 27989 48706 77896 89493 64518 01496 49938
83707 29971 09097 98432 15454 88945 69169 38252 13198 81297
81044 19645 34370 83155 83668 33358 44939 87170 31202 86281
59296 14457 24028 15977 07895 20637 37640 98203 16734 45253
74997 01394 99185 37398 73995 01871 46619 61474 57180 07293
12275 09848 36893 24775 28467 37071 05688 80052 17518 07140
59699 41122 60761 32230 77704 27678 31904 83327 30150 53696
73832 67227 28290 55671 43223 20595 60021 91558 14742 49001
27531 16024 25100 91340 02422 96182 59112 64133 95406 08819
14589 55380 85905 34571 90146 25266 59010 00933 88210 97441
98196 93586 06371 38730 07231 66547 59692 84675 05230 77702
49120 90841 99327 09973 23849 61409 39991 72870 76617 44598
52769 46374 60724 21569 41968 86980 52380 10523 08484 93856
98244 89262 26895 60643 57611 18550 07553 87023 34055 98597
95406 01405 55738 95374 84035 28271 68862 36728 55947 88888
79893 59758 96464 89167 80629 00637 32910 78535 87798 80493
04852 90357 13944 86431 39724 88421 000 000

13926/13426/11526 kHz, 24-05/27-05, 2000/2020/2040 UTC

573 573 573 1 5863 89 5863 89
13944 42602 65393 96052 34647 64827 52396 04581 25228 54397
14299 98954 55947 82704 91665 00030 19344 97727 28492 36264
06902 30525 80771 36296 27697 74465 40059 63027 84493 60637
52352 07168 65709 95519 70253 35240 35671 79395 01607 50784
61481 65455 19830 94432 79268 68251 08516 99134 35354 53866
59899 96148 54966 33026 22197 92753 21503 05973 23515 24091
86202 92428 72598 46595 16343 36192 33263 74994 48591 77637
85545 23436 08417 27619 21327 38980 87946 45800 36610 83984
58511 09541 61748 10997 00747 18634 63752 93679 25966 000 000

9317/10484/11552 kHz, 25-05, 0530/0550/0610 UTC

135 135 135 1 5486 112 5486 112
21776 76635 08676 62303 18842 91423 05676 54528 87085 58218
62187 32356 52404 51901 16114 37086 19246 84802 21063 63030
48106 91933 52485 59936 13978 06578 07782 27276 74467 06217
73669 19415 35152 74652 86269 68207 43400 61091 33023 12939
60689 01962 26341 91146 64648 45938 38811 37500 51368 69603
91572 13104 41589 38128 26041 40051 49909 23089 05455 36575
88321 20068 13689 52587 07238 62587 84203 65797 13307 69660
10605 05044 05199 70642 95515 63251 75886 77253 15246 61410
63130 54548 62437 46221 98011 42049 59045 34580 32776 80972
98191 72926 33052 72983 00418 70352 32329 77136 14317 91149
61132 83014 69493 00765 00602 57249 59965 11900 37090 20387
94588 55006 000 000

13423/12123/11123 kHz, 25-05/27-05, 0700/0720/0740 UTC

411 411 411 1 9349 172 9349 172
59917 43553 17946 23954 62884 70159 64703 24064 58063 04694
88798 34854 80933 46363 64149 84753 14922 54010 30842 56786
53692 05822 36248 81751 45690 27084 10112 68656 37625 87933
62428 33055 97096 20987 47387 47324 36039 53543 12056 78679
29000 49963 15878 95648 61237 11347 84967 44674 49444 28561
63043 79571 44862 89984 93663 39390 15188 63764 12704 88802
11084 29929 77586 01969 40455 93395 64451 29175 61942 74708
60880 09630 89226 02970 88924 97823 01684 60649 69816 31738
95999 91221 41112 84162 73767 47848 76171 27042 42088 17256
08105 41791 80536 96485 54121 19315 47934 10644 23004 39427
24534 99990 66744 38514 74011 52689 50465 61925 11141 68141
42163 17726 95307 14998 14259 39716 27309 19044 42413 87293
01256 68024 07328 63675 17704 55728 24033 71330 14459 84475
81509 31609 64196 88915 03050 58955 09521 21679 04494 86309
95804 86993 80642 70456 47948 92725 08223 71242 15218 77537
55391 10649 45245 51115 44157 12992 92317 52905 88087 00286
94000 65421 25987 92646 91071 50669 22593 21875 54330 37245
95022 11665 000 000

12162/11566/10711 kHz, 26-05, 1710/1730/1750 UTC

546 546 546 1 2573 104 2573 104
85538 71584 19105 51172 52059 81861 18559 41109 61527 32361
61334 54930 53972 23601 30085 46886 57254 05104 92703 22894
96348 60570 85174 81321 72551 13052 28836 93777 00306 30964
18587 60837 39948 97714 44651 68587 03401 32069 95304 00816
62810 72060 84956 95934 76114 90500 60310 85203 11461 46834
50479 00671 76054 80748 42903 62509 22265 55620 79586 41813
48350 20432 75678 54498 34440 57038 53375 48353 40293 12701
07829 93944 40157 32814 68854 31419 20028 75075 09109 48719
94565 28386 88852 49979 81153 66750 44310 84376 91107 11585
49910 72938 51782 35654 95110 60171 40905 44112 54080 74374
55035 87813 70114 42638 000 000

10183/9083/8083 kHz, 26-05, 2210/2230/2250 UTC

199 199 199 1 615 60 615 60
75930 22814 10669 42871 06242 91670 89301 10695 37287 55936
74285 48190 98753 65827 71318 30152 02785 98322 57431 51606
36555 26520 54257 97855 42947 83672 75573 61953 08361 65061
67162 38298 65535 82898 39282 01005 73681 19360 75313 02052
72002 51908 58926 27900 95150 78067 10023 30775 51744 29454
50012 28422 04420 06985 82037 97484 84442 57452 38201 11829
000 000

12162/11566/10711 kHz, 27-05, 1700/1720/1740 UTC

546 546 546 1 6215 108 6215 108
31125 45093 20943 74721 36198 56180 08452 54500 61205 25204
00650 60149 83193 36418 39614 23135 03149 01855 52112 30372
50021 13518 38888 41792 27962 08591 10310 93928 66762 64227
12349 83490 28506 25789 12406 50235 65329 97811 89915 81609
16435 97284 79044 74307 56660 12257 43233 90060 14063 88578
37624 50823 64700 47705 64706 06921 36564 67998 82823 67959
11511 80563 90500 98064 67716 36569 36329 11445 61259 76713
76212 43358 14969 27308 84507 55128 79322 73105 88963 12567
03725 30247 81060 21642 85340 95966 29557 31079 61727 67351
06131 50226 71674 95587 10956 77073 12356 68262 29801 44077
01489 97571 89594 58018 13954 21841 27292 07456 000 000

12162/11566/10711 kHz, 27-05, 1800/1820/1840 UTC

546 546 546 1 9404 111 9404 111
26932 91025 23394 67250 92685 28214 31935 33966 71085 15075
12998 09170 18982 04231 27582 71724 77562 12945 32165 92265
62661 36061 81833 33251 84887 06832 48178 40849 41336 23831
60756 14791 77736 90148 24766 71525 67516 41506 02831 64966
12358 22189 08545 92572 84087 95449 22853 44934 20715 17482
49148 71478 67686 80000 52239 87096 21625 30476 29247 43847
17376 17740 02216 51433 75248 60755 49444 37954 62965 06082
28410 54989 09285 07770 72887 46687 90932 54349 08063 60005
29374 00636 98000 09969 64379 92240 35535 07282 58970 28953
71418 86575 88133 32650 36034 84577 12612 10456 31534 77646
01350 10169 41703 51901 38086 10797 17016 99001 19752 23599
57632 000 000

14377/13461/12114 kHz, 27-05, 2000/2020/2040 UTC

317 317 317 1 3226 103 3226 103
10948 26535 94729 50747 55198 68359 17164 89422 72119 76651
72426 68061 32933 22080 66510 33090 92831 93997 08808 52877
56755 16213 27052 14614 93019 87425 05225 34280 20765 27287
05638 15656 32962 75808 61811 86456 05554 49944 88616 01047
79200 97429 51086 87327 85359 84741 65989 12544 74748 77747
37879 15602 40903 91295 51879 38862 06268 97287 56429 74619
55892 18076 36971 87224 29410 97682 92777 48246 06524 86601
91476 61692 42246 19107 94853 64171 30563 77011 32322 83053
84631 43830 19878 36519 38084 71535 23632 83248 39619 33638
18860 04794 38587 83549 04035 31990 45143 44032 45305 54831
98148 77507 84880 000 000

10843/10243/9243 kHz, 28-05/29-05, 2100/2120/2140 UTC

822 822 822 1 289 134 289 134
78948 28818 15212 29733 76513 49073 34979 25579 49171 10344
39496 53282 89081 78416 57775 96282 44079 97567 72405 35999
63026 20195 59440 50051 15477 55034 38147 22178 28793 86028
02504 68333 47963 75215 73623 87977 87171 68984 53280 54972
35409 78855 74745 75194 76737 33269 23820 90512 99243 48201
36480 71475 88038 54929 68314 40696 05794 10855 87867 13561
26845 04157 05765 94568 08875 27016 33264 16826 60777 13431
60201 95663 71787 53308 88226 81254 39771 48831 52149 91241
61642 97338 40813 40601 00723 92836 46366 17519 59109 62583
97010 09149 48375 70746 25929 23078 41769 84568 96747 03546
76358 50463 02723 57740 29738 25393 49880 42655 70551 99064
76729 00920 60442 47949 40178 89923 46425 18556 02679 54497
46499 07364 61911 43719 41326 36826 65057 57258 89340 77281
56811 81373 78922 000 000

13381/12181/10781 kHz, 31-05, 2110/2130/2150 UTC

317 317 317 1 1065 93 1065 93

47703 39968 25231 32964 24798 81027 27974 47601 62812 56510
21643 91365 71485 56020 99454 57135 97857 11947 48790 41212
80230 21481 83271 96502 49117 51376 46006 74634 27813 90691
79876 07664 10252 91782 40755 28190 32419 08493 54407 46522
61725 90794 84735 07983 96596 99102 75852 76073 04819 07277
93929 62772 23100 64530 46598 74119 20960 97010 58042 74472
76368 80849 85154 07656 07971 28380 49687 41835 62256 90544
45874 52799 87652 82107 96165 98945 45665 77926 65740 90012
79610 32320 52765 81234 09169 62201 95926 05651 76281 84653
08412 83589 73688 000 000

M14

PACIFIC REPORT

12211 kHz, 11-05, 0500 UTC

10243 kHz, 11-05, 0522 UTC. Late start

952 318 318 52 52 = =

46497 39895 88489 86359 09712 18954 65003 06588 56852 73232
72146 35392 38105 24537 48306 86567 06695 35259 61777 58196
11119 13286 54012 42678 14032 50194 49394 69277 73741 72448
29888 71375 49222 10260 98216 95622 14620 13818 77662 95168
94152 71572 22263 74161 53365 10250 35643 75709 07670 81296
21989 30479
= = 318 318 52 52 00000

12211 kHz, 12-05, 0500 UTC. Too weak to copy

10243 kHz, 12-05, 0520 UTC. Not heard

12211 kHz, 13-05, 0500 UTC. Carrier on and off but no transmission

10243 kHz, 13-05, 0517 UTC. Carrier on and off, at 0523z M14

952 731 731 53 53

60420 79000 29277 80746 29578 11332 44158 73369 94995 56099
77088 37442 31521 64742 76465 45503 79551 02808 52736 38525
12681 56890 07024 37826 90989 69844 40874 62542 42163 15139
71805 16107 37638 46315 24334 10168 55947 82478 01191 39389
50463 15765 64392 45565 63726 51711 80863 14488 55533 18483
12301 54009 36992
= = 731 731 53 53 00000

12211 kHz, 14-05, 0500 UTC / 10243 kHz, 14-05, 0520 UTC

952 806 806 54 54 = =

62441 79636 68897 79986 26182 70029 74134 46662 32614 20479
82975 99529 68676 01503 02092 17328 29990 75839 43385 25660
50019 13037 40710 99334 05514 85397 73323 98392 90406 06203
00775 61266 75346 96162 38892 03503 95075 89024 31582 95491
30822 12279 98114 17638 79891 03904 60580 16408 29666 51079
81215 09692 78178 61807
= = 806 806 52 52 00000

12211 kHz, 17-05, 0500 UTC. Carrier, M14 at 0503z. Interruptions during callup.

10243 kHz, 17-05, 0520 UTC. Interruptions during callup

952 317 317 57 57 = =

93401 05548 69622 17585 74676 68132 08425 65124 00612 42025
14123 50467 90019 94607 65199 48923 08868 77862 07288 92234
08825 89842 04258 42797 92065 67486 46048 51555 94550 71717
17927 23044 04938 50775 60858 35980 61323 92689 77671 92872
93019 93019 64723 97060 99516 67720 73732 80643 83859 90226
33474 31717 82593 08459 86031 94354 94364 59482
= = 317 317 57 57 00000

12211 kHz, 18-05, 0500 UTC

10243 kHz, 18-05, 0520 UTC

952 864 864 58 58 = =
90023 87210 85734 87209 93485 17432 15343 97582 06127 30127
54313 10043 57143 32202 16739 67876 02099 72149 73478 42355
57192 05158 46445 47892 93781 59484 09227 88936 91606 96289
55007 43290 74225 80116 17698 11542 74434 02195 57236 87300
05177 23773 44980 27914 30907 31655 10136 30370 66321 23129
33162 42054 48813 62479 97081 61063 58779 76270
= = 864 864 58 58 00000

12211 kHz, 19-05, 0500 UTC. 952 a few times, then out, then 952 callup in inverted Morse (tone instead of silence and vice versa), then unmodulated carrier until 0516z

10243 kHz, 19-05, 0517 UTC. Unmodulated carrier until 0537z

12211 kHz, 20-05, 0500 UTC

10243 kHz, 20-05, 0520 UTC

952 647 647 56 56 = =
48290 27926 93738 36972 28978 18238 85822 30771 18686 39383
99792 67916 71250 88253 33660 81206 39413 47281 68210 92713
99227 00228 14705 96025 80035 75803 01741 34292 73442 86315
37203 53761 19741 53509 06264 37484 95205 38813 91339 48893
48711 20168 24971 39924 61097 82614 11544 03377 25735 14850
78795 74203 73710 28922 45045 09410
= = 647 647 56 56 00000

12211 kHz, 21-05, 0500 UTC. A few beeps then nothing

10243 kHz, 21-05, 0521 UTC. Late start.

952 108 108 63 63 = =
36472 30322 78959 58374 58005 01004 25491 46775 29403 58355
81142 04970 97305 68751 18691 76311 50824 14443 07862 76788
81692 88057 56583 45041 53105 30552 69525 78805 00696 29819
09860 87471 14062 22122 75182 15442 72319 63546 23533 15975
32072 63661 10449 80211 91282 98575 22993 51057 77442 45575
21691 76620 33510 06529 26313 82885 00029 12255 06451 70314
16879 25026 62801
= = 108 108 63 63 00000

12211 kHz, 24-05, 0500 UTC

10243 kHz, 24-05, 0520 UTC

952 367 367 66 66 = =
21353 97676 60823 94772 33434 85608 37191 55741 11962 36714
36768 24787 80093 27428 _____ 6634 27331 09422 34678 68982
75670 85136 38709 93276 02108 63549 68837 68895 68426 02969
88549 48014 14211 69840 97725 43288 14013 68354 99427 55552
84629 20547 19134 63737 53397 01565 99850 94170 83480 69808
21536 11468 97046 76613 18284 98187 42312 45176 91697 _____
65355 73403 43891 61667 72661 40379
= = 367 367 66 66 00000

12211 kHz, 25-05, 0500 UTC

10243 kHz, 25-05, 0520 UTC

952 480 480 65 65 = =
67988 08687 26853 38942 70051 25809 65159 87208 61354 63731
19521 71339 86508 26343 88560 55327 94839 82125 98940 68754
90579 08851 97596 11691 76119 03606 70621 92905 61768 25340
04758 81047 40459 62124 92419 73515 50823 40296 46191 12688
77089 17692 33725 04201 59232 28149 69006 16968 11816 69461
40883 69625 74962 51983 24832 33085 45891 50063 08880 03898
64455 23496 69619 28097 51130
= = 480 480 65 65 00000

12211 kHz, 26-05, 0500 UTC. No transmission

10243 kHz, 26-05, 0520 UTC

952 136 136 66 66 = =
33759 65357 45733 43147 50974 34363 98856 31406 41311 35462
73414 44482 58051 00466 27487 72920 54575 74565 54516 86316
90846 92524 77997 25572 63441 72543 40568 47043 45038 57488
28898 90774 44328 58170 08841 49998 22268 78367 69277 84088
25614 26266 98082 42171 23694 42017 38668 29550 59316 96095
00517 54166 49799 38149 22168 35257 99018 01017 10079 91413
06442 89615 01803 50212 84057 09379
= = 136 136 66 66 [5s silence] 13 952

12211 kHz, 27-05, 0501 UTC. Late start

10243 kHz, 27-05, 0520 UTC

952 747 747 52 52 = =
93544 79764 64500 17316 56900 06395 06967 76531 88842 52743
08507 16329 63848 85502 49145 44623 35435 16964 88834 28740
53000 32957 25951 81015 61571 35356 28529 11767 20405 78814
36703 29215 01368 06427 59771 24561 53039 14006 16322 63385
41483 97658 90872 63172 03606 64354 05445 44937 74054 10159
29516 76754
= = 747 747 52 52 00000

12211 kHz, 28-05, 0500 UTC

10243 kHz, 28-05, 0520 UTC

952 180 180 62 62 = =
21502 05736 95678 06741 81339 38369 06823 06176 16109 95412
84093 33144 55894 28333 65060 51752 77449 77034 04890 91019
66867 51935 30458 34230 60075 05204 40273 37286 28350 27088
29888 74498 01043 28284 47478 35266 42695 94271 09296 20062
26743 22570 29667 09178 72980 78831 45226 02660 40992 32725
38082 54874 96717 59541 87591 52134 94363 18457 05440 06839
40816 43400
= = 180 180 62 62 00000

12211 kHz, 31-05, 0500 UTC

10243 kHz, 31-05, 0520 UTC. Signal interruptions during message

952 346 346 60 60 = =
80452 70297 85788 85124 68943 37548 22101 47340 85162 53621
23716 93599 67049 14330 75340 50629 39220 72719 66983 67384
15971 22804 56385 45910 49291 08396 15698 99629 14090 17973
55675 62522 47809 51518 91418 97607 86627 70273 47077 78197
65428 65327 36482 40323 73727 06009 90033 29805 84739 53984
68974 92381 99790 54027 62965 80344 75229 37380 50656 74111
= = 346 346 60 60 00000

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

4969 kHz, 07-05, 2057 UTC	=992357??8???? =992358??8???? =992359??8????
3185 kHz, 22-05, 0544 UTC	=990844??8???? =990845??8???? =990846??8????
3185 // 6421.5 kHz, 22-05, 0618 UTC	=990918??8???? =990919??8???? =990920??8????
3185 // 4171 kHz, 23-05, 0335 UTC	=990635??8???? =990636??8???? =990637??8????
4171 // 6421.5 kHz, 23-05, 0520 UTC	=990820??8???? =990821??8???? =990822??8????

M89 - Chinese Military

Besides JPL's monthly logs (see also the logs section), we have a nice M89 log including a screendump and recording from Danila.

14292 kHz, 13-05, 1104 UTC, CW/USB/MIL-STD-188-110A App.B

Morse: **VVV E4GN DE PVNG K** followed by voice traffic and MIL-STD-188-110A messages.

Recording: <http://www.numbersoddities.nl/M89-voice&mil-std110A-AppB-2021-05-13-1104utc-byDanila.mp3>

125091315012432 kb0434.txt210513180549

QSL 1903

HR WK NR 25

026 201 87 0513 1903

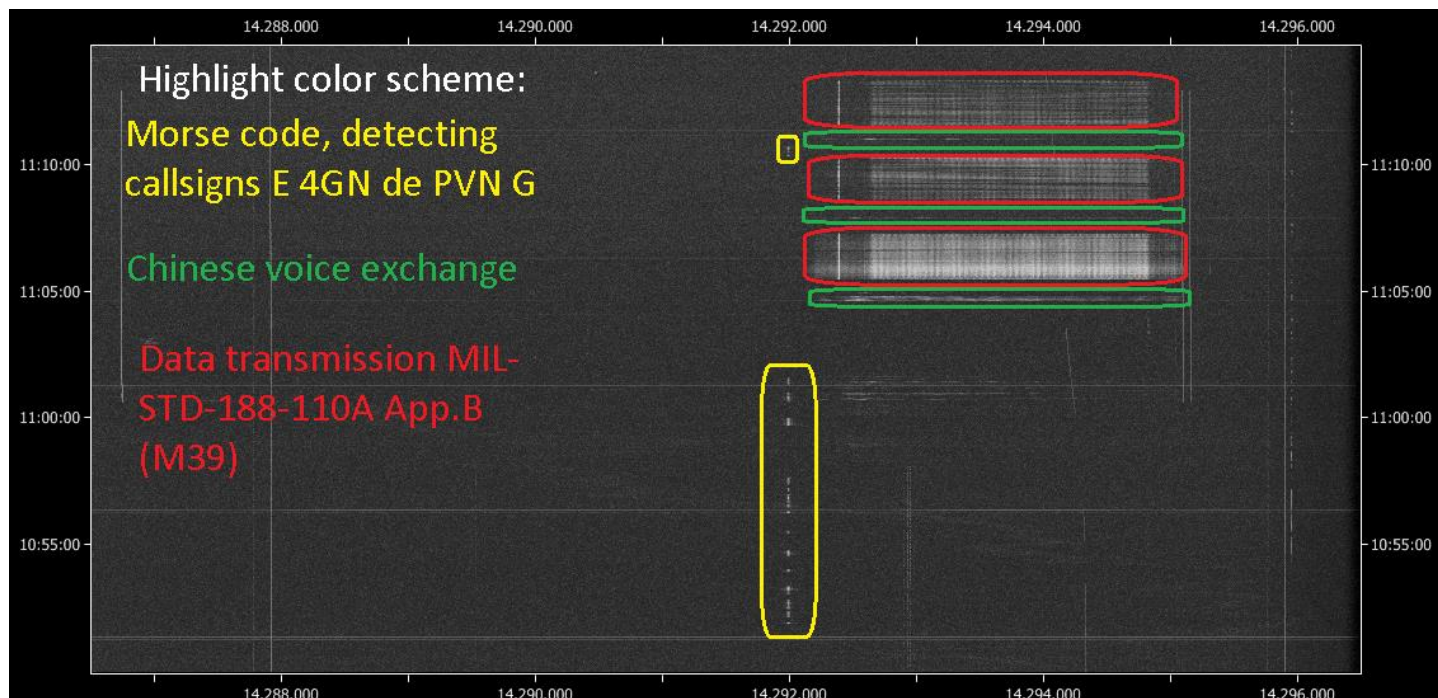
3047--8607

8064 9190 9340 8195 6791 6172 2915 9283 0253 0001
0757 2152 7858 7636 1091 9030 8348 4707 4352 9729
5054 0946 1349 5107 1082 6384 4284 4751 2169 5189
5198 2782 9230 9195 1587 6020 6716 3965 2486 9308
8628 2980 5132 4207 1664 9409 3143 1087 9250 5156
8164 6853 0692 7984 6387 2436 4214 9347 8453 2032
5495 5932 0940 8074 7519 7282 6226 0781 4370 8653
4078 0605 4503 0367 3246 8746 6525 2823 6943 5987
3535 1570 8787 2573 4763 5735 2013 9242 6134 8178
2690 5891 0162 3471 1461 4036 3786 5903 9176 1981-1

2710 2584 2063 6015 9507 2045 6375 1048 0253 0002
5023 1640 9862 9327 9183 2537 5604 6208 9250 8526
4296 5671 3762 6539 1823 8013 6129 3208 6087 6374
3579 7162 1076 1325 9064 9723 8357 9704 9141 9307
1749 5103 7532 5718 4025 9153 4039 5174 1534 2437
8053 2156 7690 8912 6738 3027 9561 6873 2593 1306
2419 6098 4539 6407 5914 8514 9806 3487 4592 1256
4297 8640 1849 1756 8027 4382 9578 6249 4697 3854
1029 8295 1706 2804 3906 4708 8197 7368 8154 2493
4176 9108 9578 1684 6158 3089 2781 8456 2301 9407-2

4150

QSL?眉



5176 kHz, 14-05, 1118 UTC, i.p.

5D7A 5A7T T4U3 AR K

N QSL 1912 K (Both stations on this frequency)

R U MSG GA K

R GA

VVV NR 0026 CK 41 41 0514 1900 RMKS 4775 TO 4778 K

R GA K

R = =

NA35 37A5 543N 3DUN 643D 76U3 TAN4 64T7 D7UN T437
7AN 5TAD 34N7 57DN 673T U6D4 AN45 TU4D 6UNA TUD6
75D4 D56U UA53 UAT4 UDN6 T43A 4N3A 75AD 5AN7 346U
6U7D DATN U34T 436T U56D 5A6U T43A T7N3 TNU7ND56
3AT4 AR K
R QSL 1928 K
R
V MSG GA K
R HR MSG GA
NR 0076 CK 41 41 0514 1900 RMKS 4778 TO 4775 =
4N7A 64AT NU3A N4UA DT54 765T 3DA7 54DN D7U3 ...

5419 kHz, 14-05, 0935 UTC, i.p.

1P 34W K
NPR 1P 34W = U745 U745 AR K
RPT 1P 62W TO 64W K (Both stations on this frequency)
NRPt 1P 62W TO 64W = 6U5N T437 33AU AR
RPT 2P 27W K
RPT 2P 27W = 37T4 37T4 AR
OK QSL 1736 K
OK HR WK NR 10 UWK/? K
NR 1.. K
NR SK SK SK

11222 kHz, 16-05, 0845 UTC, i.p.

UAT3 4745 746T 74AN 3UA5 74T5 67NA U44U ...
AR
R QSL1647 K (Both stations on this frequency)
R QSL 1647 K
R U 7G GA
7G NR 063 CK 81 53 0516 1648 RMKS 7345 TO 9 (Did not finish TO)
BT 37AU A3N6 6DD5 U45U 6T67 75AU TNN3 74U3 TU33 TTU5 ...
AR K
R QSL 1653 K
R HR WK NR 46 K
R HR WK NR 322 K
R GB K
R SK GB

4320 kHz, 18-05, 1633 UTC, exercise i.p.

R WK NR ? K
R OK VVV
ZK7X DE LPU4 K
R QSA 2 K
R IEC = XYKP AR K
R WK NR ? K
R OK VVV
2BUC DE LPU4 K
R QSA 2 K
R IEC = QNHC AR
R OK VVV
N6CE DE LPU4 K
R QSA 2 K
R IEC = NGJT AR K
R WK NR ? K
R OK VVV
G73W DE LPU4 K
R QSA 2 K
R IEC = 6BEA AR K
R WK NR ? K
R VVV
LIP3 DE LPU4 K
RPT IEC = ELNV AR K

IEC = ELNV AR
R WK NR ? K
R WK NR 2012 K
HR F GA
FFF NR 1221/EX 0030 RMKS CQ =
A5G3/4H AR
F NR 1221/EX 0030 RMKS CQ =
A5G/X4S AR
F NR 1221/EX 0030 RMKS CQ =
A5G/XVS AR VVV
X4YF DE LPU4 K
R QSL ? K
RPT
QSL ? K
R VVV
CJAR DE LPU4 K
R OK VVV
ZK7X DE LPU4 K
R OK VVV
2BUC DE LPU4
R OK VVV
N6CE DE LPU4 K
R OK VVV
GM3W DE LPU4 K
R VVV
LIP3 DE LPU4 K
HR 7G GA
7G NR 1223 CK 61 36 0519 0003 RMKS CQ =
A4UT DNTA NT7D 5UNA 74DA 657D ANDU ...
//4350
VVV P6CE DE J2QX K
R KP KP (1653z)
HR WK NR 2358 3635 WK NR 2358 3635 KP

4679 kHz, 18-05, 1542 UTC, i.p.

DAA3 45DN 3NUU A7N5 D54D AD45 AR
NPT RPT K
NPT RPT
NR R NPT 01W TO 11W == 7DAA 773U 76UA 7T67 647A T33A 7UN4 5TD6 U376 TTN4 436U AR K K
NR RPT 01P 12W == D44N CK K
NR RPT 01P 12W == D44N CK K
NR OK OK

4680 kHz, 18-05, 1658 UTC, i.p.

R QSL 0056 K
VVV UYRN DE Q6JY K
N QSL 0056 K
RR VVV
VYRB DE 5JKS K
R QSL 0057 K
VVV

4765 kHz, 18-05, 1704 UTC, i.p.

A6U5 D7NA AT3U CK
NR OK QSL 0102 K
NOK HR R NR Q 20 NR .. K
NR HR WK NR .7 K
OK R OK SK SK
R SK SK

4765 kHz, 18-05, 1730 UTC, i.p.

R QSA 2 IEC = 7640 AR K
R IEC = 3442 AR K
R HW MSG GA K
R GA K
7G NR 0156 CK 141 62 0519 0500 RMKS 1004 TO 1051 1P0 1W =
.. UA 46UN 364N T673 7NTA 3436 ...

4721 kHz, 18-05, 1600 UTC, i.p.

SWV8 SWV8 ...
FFF NR 1211/EX 0000 =
L4A1/P0I3 AR
NR 1211/EX 0000 =
L4A1/P0I3 AR
NR 1211/EX 0000 =
L4A1/P0I3 AR QSY 03 QSY 03 VVV

5109 kHz, 18-05, 1711 UTC, i.p.

HR F GA K
HR MSG GA K
R GA
R MSG NR 2572 CK 69 92 0519 0100 RMKS 0919 TO 0931 K
R GA K
R = 4T3U A4DN A4DT A56N 6A4U 67A3 A347 A4D3 4ADU 6DA4 4U65 43UA ...

5123 kHz, 18-05, 1711 UTC, i.p.

RMKS 8809 TO 880. K
= 5AA3 A4A5 7UN5 4U36 D45U ...
R QSL 0100 K
R 7G GA K
R 7G GA 7G 364
NR 364 CK 139 76 0519 0100 RMKS 8804 TO 8809 =
5AA3 A4A5 7UN5 4U36 D45U (Repeats msg above)
AR
R QSL 0111 K
R 7G GA K
R GA
7G NR 365 CK 139 0519 0102 RMKS 8809 TO 8804 =
7ATD 37DU 77NU TD64 ...

5485 kHz, 18-05, 1606 UTC, i.p.

EY4 IUHY4 FFF NR 1205/EX 0006 =
G6K2/X0H9 AR
NR 1205/EX 0006 =
GBK2/X0H9 AR
NR 1205/EX 0006 =
G6K2/X0H9 AR QSY 0EEEE
NR 1205/EX 0006 =
G6K2/X0H9 AR QSY 03 QSY 03 VVV

5517 kHz, 18-05, 1610 UTC, i.p.

F2SF F2SF
FFF NR 1206/EX 0009 =
U2C9/Y1F7 AR
NR 1206/EX 0009 =
U2C9/Y1F7 AR
NR 1206/EX 0009 =
U2C9/Y1F7 AR QSY 04 QSY 04 VVV

5550 kHz, 18-05, 1611 UTC, i.p.

GF24 GF24
FFF NR 1207/EX 0012 =
C2K5/A6D3 AR
NR 1207/EX 0012 =
C2K5/A6D3 AR
NR 1207/EX 0012 =
C2K5/A6D3 AR QSY LW QSY LW VVV

5561 kHz, 18-05, 1624 UTC, i.p.

DIEN DIEN DIEN DIEN DIEN DIEN
FFF NR 1225/EX 0024 =
T5C8/H2Y1 AR
NR 1225/EX 0024 =
T5C8/H2Y1 AR
NR 1225/EX 0024 =
T5C8/H2Y1 AR QSY 06 QSY 06 QSY 06 VVV

5621 kHz, 18-05, 1615 UTC, i.p.

YK4U YK4U YK4U
FFF NR 1208/EX 0015 =
F2Y0/W5D5 AR
NR 1208/EX 0015 =
F2Y0/W5D5 AR
NR 1208/EX 0015 =
F2Y0/W5D5 AR QSY 06 QSY 06 VVV

5627 kHz, 18-05, 1619 UTC, i.p.

JF6G JF6G JF6G
FFF NR 1203/EX 0024 =
A8Y5/S9A0 AR
FFF NR 1203/EX 0024 =
A8Y5/S9A0 AR
FFF NR 1203/EX 0024 =
A8Y5/S9A0 AR
FFF NR 1203/EX 0024 =
A8Y5/S9A0 AR QSY 28 QSY 28 VVV

M95 - Chinese Military

4364//8073 kHz, 11-05, 1130 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages //4364

4364//8073 kHz, 11-03, 1134 UTC, M95: CW

V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0344 CK 115 35 0511 1534 =
TAA 3U6 3AN 3U7 TAU 773 353 35N 4AA NN3 ...

4243//9054 kHz, 11-03, 1143 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

4243//9054 kHz, 11-03, 1150 UTC, M95: CW

VV HR MSG TO YR PSE CY
NR .7 CK 23 35 0511 1550 =
UT5 TAA 3U6 3A4 TTA TTU TT3 773 356 345
N3D 354 37U 33U 34A N3D 353 4T6 445 4D6
N3D 4D3 3DA AR HR 7G GA
NR 22 CK 159 35 0511 1600 =
UTU TAA 3U6 3A4 TTU 773 353 N3D ...

4364//8073 kHz, 13-05, 1130 UTC, V26: USB, XSV85 callup in Chinese voice
4364//8073 kHz, 13-05, 1131 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sends messages
4364//8073 kHz, 13-05, 1138 UTC, M95: CW
V BNGC (x3) DE XSV85 (x2)
HR MSG GA PSE CY
NR 0348 CK 186 35 0513 1630 =
TA3 3U6 3AN 3U7 TAU 773 356 35N 4AA NN3 ...

8567 kHz, 14-05, 0959 UTC. i.p.
VVV OWBR DE ZDUB
HR 7G GA
MSG 44 K EEE /MSG CCK/ CK 213
MSG 7G NR 43/CCK CK 31 32 0514 1800 RMKS 7734 TO 12078 1.4 1435 788780233..24 =
4..U NT3 6T7D. ...
AR R HR 7G GA
43/CCK CK 20
7G/33/CCK CK 31 .. 0414 1800 RMKS ..524 TO 120. 8064 1435 ..
RMKS 76.4 O 1207 0964 3535 7887 .023 2003 =
4T. 84D3 U NT53 ...

4243 kHz, 25-05, 1145 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages
4243 kHz, 25-05, 1150 UTC, M95: CW
VVHR MSG PSE CY
NR 041 CK 65 35 0525 1542 =
5AA .TT TU5 3U6 3A4 5T7 5TD ...
AR A HR MSG GA
NR 020 CK 26 35 0525 1625 =
UT5 3A6 3A4 TTA TTA TT3 773 35. N3D ...
AR A HR 7G GA
NR 50 CK 241 35 0525 1650 =
UTU ...

4364//8073 kHz, 25-05, 1134 ITC, Q26: 4+4 QPSK 75/3000 LSB. XSV85 sending messages
4364//8073 kHz, 25-05, 1138 UTC, M95: CW
V BNGC (x3) DE XSV85 (x2)
HR MSG PSE CY
NR 0372 CK 167 35 0525 1620 =
TU5 3U6 3AN 3U7 TAU 773 353 4AA NN3 445 ...

DIGITAL MODES

HM01 / SK01 - Dirección General de Inteligencia

Our Cuban friends made us happy again. The most enjoyable were the Easypal transmissions. The last time that this mode was used was back in 2012. Odd huh? I have uploaded a complete transmission to the N&O website.

<http://www.numbersoddities.nl/SK01-2008-03-27-0955utc-music-insteadof-SK01.mp3>

Date / comments	Groups	Files
1 May	47732 88341 44163 71863 33616 20801	13114773.TXT 24608834.TXT 54414416.TXT 61107186.TXT 36443361.F1G 62062080.TXT
2-4 May	47733 88342 44164 71864 33617 20801	13114773.TXT 24608834.TXT 54414416.TXT 61107186.TXT 36443361.F1G 62062080.TXT
5 May, 1558 UTC. Restart at 1603 UTC. Repeat of April 29 th	47731 40017 44161 71861 33614 77458	13114773.TXT 20884001.TXT 54414416.TXT 61107186.TXT 36443361.F1G 68547745.TXT
5 May, 1658 UTC. Repeat of May 2 nd : Easypal instead of RDFT. Hence SK01 instead of HM01	47733 88342 44164 71864 33617 20801	130101190944-.txt 130101193606-.txt
5 May, 1758 UTC and later, and 6 and 7 May repeat of April 29 th .	47731 40017 44161 71861 33614 77458	13114773.TXT 20884001.TXT 54414416.TXT 61107186.TXT 36443361.F1G 68547745.TXT
8 and 9 May. Repeat of May 2 nd	47733 88342 44164 71864 33617 20801	13114773.TXT 24608834.TXT 54414416.TXT 61107186.TXT 36443361.F1G 62062080.TXT
10 May	23253 65481 74303 26874 30056 44161	21082325.TXT 04806548.TXT 77787430.TXT 04806548.TXT 23252687.TXT 84023005.TXT
11 May	23254 65482 74304 26875 30057 44162	21082325.TXT 04806548.TXT 77787430.TXT 23252687.TXT 84023005.TXT 36514416.F1G
12 May, 1558 UTC. Repeat of May 10 th	23253 65481 74303 26874 30056 44161	21082325.TXT 04806548.TXT 77787430.TXT 04806548.TXT 23252687.TXT 84023005.TXT
12 May, 1728 UTC. SK01. Easypal. Repeat of May 2 nd .	47733 88342 44164 71864 33617 20801	210512100240-36514416.F1G 210512100516-84023005.TXT 210512095217-04806548.TXT 210512095359-21082325.TXT 210512095557-23252687.TXT
12 May, 1800 UTC. SK01. Easypal. Repeat of May 2 nd . At 1801 UTC to a repeat of May 10 th + RDFT. Two of the same transmissions mixing. Normal after two groups.	23253 65481 74303 26874 30056 44161	21082325.TXT 04806548.TXT 77787430.TXT 04806548.TXT 23252687.TXT 84023005.TXT
13 May. Repeat of May 10 th . 2100 and 2200 UTC: carrier only	23253 65481 74303 26874 30056 44161	21082325.TXT 04806548.TXT 77787430.TXT 04806548.TXT 23252687.TXT 84023005.TXT
14 May. Off at 1602z back at 1604z while sending RDFT. Repeated on 15-18 May	23259 65487 43631 15041 83402 44167	21082325.TXT 04806548.TXT 66344363.TXT 08541504.TXT 85188340.TXT 36514416.F1G
19 May	80463 57733 43634 15045 83406 40721	72068046.TXT 81215773.TXT 66344363.TXT 08541504.TXT 85188340.TXT 87144072.TXT
20 May, 1602 UTC. Late start. Briefly Radio Habana Cuba, then	80463 57733 43634 15045 83406 40721	72068046.TXT 81215773.TXT 66344363.TXT 08541504.TXT 85188340.TXT 87144072.TXT

HM01 already in progress. Repeat of May 19th		
21 May, 1603 UTC. Started already in progress. Repeat of May 19 th 22-24 May. Repeat of May 19 th	80463 57733 43634 15045 83406 40721	72068046.TXT 81215773.TXT 66344363.TXT 08541504.TXT 85188340.TXT 87144072.TXT
25-05, 1558 UTC. SK01 Easypal	66012 17241 10803 16171 10125 67090	210512095557-23252687.TXT 210512100240-36514416.F1G
25-05, 1655 UTC. Repeat of May 2 nd	47733 88342 44164 71864 33617 20801	No files. After 5 minutes new groups were sent
25-05, 1700 UTC	81831 57739 60282 07162 15243 40727	77728183.TXT 81215773.TXT 70486028.TXT 88010716.TXT 38841524.TXT 87144072.TXT
25-05, 1728 UTC. SK01 Easypal. Signal off at 1737 and back at 1739 UTC.Repeat of May 2 nd	47733 88342 44164 71864 33617 20801	210512095217-04806548.TXT 210512095359-21082325.TXT 210512095557-23252687.TXT 210512100240-36514416.F1G 210512100355-77787430.TXT 210512100516-84023005.TXT
25-05, 1805 UTC. Late start	81831 57739 60282 07162 15243 40727	77728183.TXT 81215773.TXT 70486028.TXT 88010716.TXT 38841524.TXT 87144072.TXT
25-05, 1827 UTC. SK01 Easypal. Repeat of May 2 nd	47733 88342 44164 71864 33617 20801	210512095217-04806548.TXT 210512095359-21082325.TXT 210512095557-23252687.TXT 210512100240-36514416.F1G 210512100355-77787430.TXT 210512100516-84023005.TXT
26-05, 1604 UTC. Late start	81835 83434 60287 07167 32801 22783	22133280.TXT 88010716.TXT 70486028.TXT 24362278.TXT 77728183.TXT 11378343.TXT
26-05, 1627 UTC	81835 83434 60287 07167 32801 22783	No files. After a minute other groups
26-05, 1628 UTC. SK01 Easypal Repeat of May 2 nd	47733 88342 44164 71864 33617 20801	210512095217-04806548.TXT 210512095359-21082325.TXT 210512095557-23252687.TXT 210512100240-36514416.F1G 210512100355-77787430.TXT 210512100516-84023005.TXT
26-05, 1658 UTC	81835 83434 60287 07167 32801 22783	22133280.TXT 88010716.TXT 70486028.TXT 24362278.TXT 77728183.TXT 11378343.TXT
26-05, 1735 UTC. Late start	81835 83434 60287 07167 32801 22783	No files. After 4 minutes other groups
26-05, 1739 UTC SK01 Easypal. Repeat of May 2 nd	47733 88342 44164 71864 33617 20801	210512095217-04806548.TXT 210512095359-21082325.TXT 210512095557-23252687.TXT 210512100240-36514416.F1G 210512100355-77787430.TXT 210512100516-84023005.TXT
26-05, 1800 UTC	81835 83434 60287 07167 32801 22783	22133280.TXT 88010716.TXT 70486028.TXT 24362278.TXT 77728183.TXT 11378343.TXT
27-05, 1600 UTC Repeat of May 26 th	81831 57739 60282 07162 15243 40727	77728183.TXT 81215773.TXT 70486028.TXT 88010716.TXT 38841524.TXT 87144072.TXT
27-05, 1628 UTC. SK01 Easypal.	47733 88342 44164 71864 33617 20801	210512095217-04806548.TXT

Repeat of May 2nd		210512095359-21082325.TXT 210512095557-23252687.TXT 210512100240-36514416.F1G 210512100355-77787430.TXT 210512100516-84023005.TXT
27 and 28-05. SK01 EasyPal. Repeat of May 2nd	47733 88342 44164 71864 33617 20801	210512095217-04806548.TXT 210512095359-21082325.TXT 210512095557-23252687.TXT 210512100240-36514416.F1G 210512100355-77787430.TXT 210512100516-84023005.TXT
29-05. Repeat of May 26 th	81831 57739 60282 07162 15243 40727	77728183.TXT 81215773.TXT 70486028.TXT 88010716.TXT 38841524.TXT 87144072.TXT
30-05, 1600 UTC	81837 83436 05301 88031 32802 22785	77728183.TXT 11378343.TXT 38610530.TXT 50128803.F1C 22133280.TXT 24362278.TXT

EasyPal - NØCALL - Ver:07/OCT/2014

2A1B3D

RX 1Hz

SNR 10dB

Mode B

Width 2.4

ErrFix HI

QAM 16

LeadIn 24

TX

E

MSC

FAC

Frame

Time

IO

Sync

MSC

FAC

Frame

Time

IO

Copy Paste WFPic WFTxt Rptr FTP Clear About

RX TX View Edit MSC Mov

&™Y+W'Ó)ixi~(Efoepμ||íu~áç"xWi80CE-gÃ™«C:íc<vb-æ%oM'áIdiJ„ªQI|oYlb/38-ô ÔÛ|Í"½T"CEI□|el
•Düç-to7ôpR1Ã™EgE."g6ðá;JüŠB3•±; ©|{('":æê4+1İü>~Kéjô
Öù#"Sð|!!i-Ô8G!6İ-vſ†@-'R:J, # @û<û±İôÉÑô*ÉS²DæJİä'~ßMeíÄ-"û...ü•é•® iUëael?~¼é7YH❖
←±,)÷i-|Ä*>ðÜwÉ@š"(iôéfæðkÇŽ9...e❖y!!||±iiz'dá²Üðá
+C₁ Bë...Yg²
Ô¥µäY6|rö<ç%oMO"!İÜYšÜëðÜÔİ³=>vi
hk#;S'~→Rſ/|5❖ıyſ
??R????????????????????
??NñŠô+R_T O2Súšİ·5HÔëD@
??
??R????????????????????

TRANSMIT

Replay RX

FIX

BSR

TUNE

ID

Send Text

WAV

Pic/QSL

RS2

M

EmbedTxt

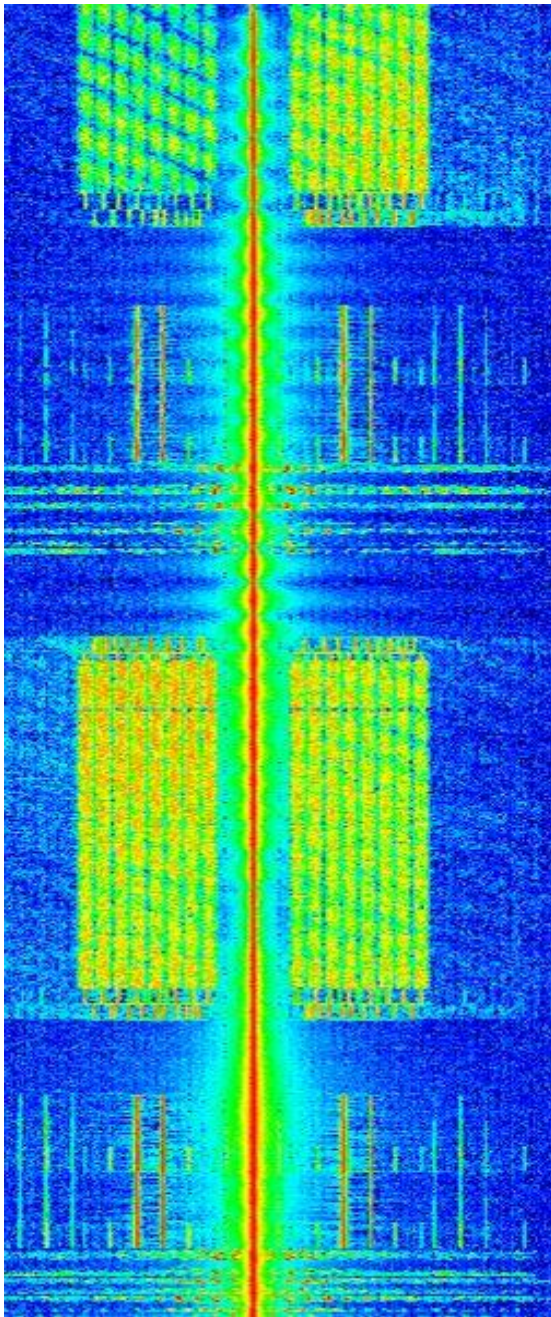
Station Log

Session

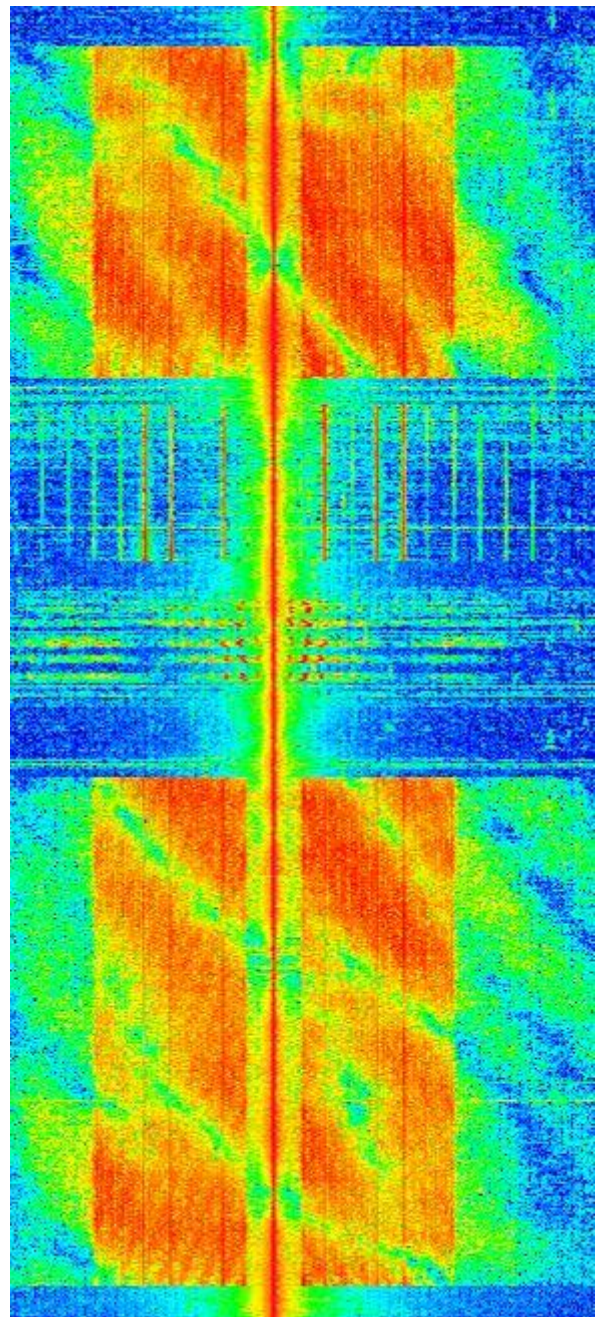
Position 8 OK remaining segments

130101193606-.txt

Gamma < >



Left Voice and RDFT



Right: voice + Easypal

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

M42 – various modes

12197 kHz, 17-05, 0827 UTC, MFSK-66
 14390 kHz, 17-05, 0830 UTC, MFSK-66
 14376 kHz, 18-05, 0755 UTC, 5xMFSK-16/250Bd-BPSK
 12164 kHz, 20-05, 1200 UTC, 5xMFSK-16/250Bd-BPSK
 12175 kHz, 28-05, 0826 UTC, MFSK-66

M42b – FSK 50/500

5857 kHz, 22-05, 0553 UTC, CW / FSK 50/500
 5322 kHz, 23-05, 0438 UTC, CW / FSK 50/500

LXMT wkg L5XS
 P8RK de ZE4K QSA 4 K. QTC 1 K. 044 150 23 0430 7913 followed by 5FGs. NIL SK

14363/12189/10346 kHz, 05-05, 1840/1850/1910 UTC

Null message: 5761 00000

11414/9317/7572 kHz, 03-05, 1015/1025/1035 UTC

62090 10392 29484 63299 01216 45366 15844 26270 40589 08095
75113 32301 26849 58508 15615 41323 26332 36660 54482 98370
35954 60889 27234 75146 59812 54595 40400 26928 62456 56319
40654 31990 34747 92802 98895 05736 33257 19734 32698 06715
79140 59849 15585 76736 27413 93089 46552 82243 42582 78494
78285 49143 41562 12517 27508 08284 89807 53461 15888 93767
61610 66712 14958 61277 00497 70460 93469 18613 40653 86594
90631 85620 75332 26465 63661 25706 83161 66194 83090 16118
48306 91228 74267 49184 35410 14810 28474 81697 05269 00068
32131 74631 82154 40403 87484 90371 08740 77875 23252 39664
49562 64246 18636 95446 28957 94403 89155 15768 14396 66823
07740 42981 81185 50779 59504 71382 19437 64974 53655 00504
69270 97282 40970 16236 95169 20299 10274 66967 35442 82368
62353 26934 87708 78801 84764 63963 16369 32941 75941 53796
92978 41790 92068 08184 05467 65873 15137 08938 97147 68025
65636 65128 21448 30789 08314 35609 23300 07119 24425 84067
83129 84074 48943 58779 84374 64181 96135 14255 90486 94163
21958 16975 42334 95721 96708 02387 11958 78052 86367 75364
73606 36794 66066 71310 78000 69078 14128 20092 40753 59397
60102 79991 80891 15940 85256 33869 70408 62123 98926 64717
80788 12973 39203 52802 37451 91057 71355 61564 18030 61669
82462 04488 55442 91921 95655 10105 31688 63459 52444 27340
73297 93477 36533 38369 84380 43724 37589 71184 78219 22176
78381 29059 93318 07079 53738 79087 04880 48048 54766 67003
67614 23889 76747 50445 50847 61862 34176 67874 51836 48048
31355 85319 98263 83519 62004 88144 75810 65999 36300 10022
41780 01698 58802 16301 10682 77008 05690 83954 22733 44757
74761 45303 31209 04690 06615 87688 69572 82884 00464 26296
84330 39778 73018 92307 44546 61491 33868 03572 63959 14149
75811 09987 96625 65864 03557 30776 92043 06099 49243 25837
20685 17063 48222 68374 05871 76862 73515 10981 22936 99066
52417 62361 51619 38391 13650 16896 92602 17177 38538 04219
84164 52370 14606 51000 79851 87660 15073 72130 73136 60498
52649 33483 79975 58652 81094 53442 15221 46010 42966 35397
23816 62302 86995 48370 52713 26444 03532 97989 74451 98171
51489 54966 98328 77671 75231 33292 30120 47885 34845 35323
66251 89171 98218 05953 33402 21028 68384 63042 09441 50547
44542 96325 86652 32294 40223 51939 63187 69304 07008 44803
73673 09882 37260 66006 94916 19877 44295 77407 87650 35149
43424 10626 60244 23892 82326 12619 65330 13504 94162 05025
65278 61702 71886 49467 27449 76559 87184 35995 35178 15156
02483 42411 0000

11414/9317/7572 kHz, 04-05, 1015/1025/1035 UTC

20307 01263 35342 37925 65116 64182 58655 69851 60417 13453
41011 22466 31885 33775 62520 54419 38186 20507 85115 76024
09180 89429 95091 30744 97111 51443 70361 00210 45472 75646
89607 18724 05235 89238 25509 08159 53129 87662 89246 69218
91662 53450 18459 89968 35564 07195 25843 57606 14341 39082
50592 84375 45636 94436 79844 83588 59078 11699 32352 56683
75297 36292 21526 77243 69818 58795 40082 82943 76490 50876
33445 11330 10165 97413 54111 40389 13298 43077 00000

72173 20534 84563 64223 26911 21378 19402 65624 40562 75894
88422 18611 73310 20813 29352 57193 97140 00706 63271 52875
75012 32583 61340 66988 16292 51833 18246 36721 00652 00449
37090 18280 87610 43474 55382 35610 53904 24619 66833 08125
25873 96960 18643 55878 99069 89686 88957 05608 62241 96812
74191 46105 67911 98803 40904 06332 16724 53047 21909 54729
47742 14112 61315 43162 51894 69728 38174 43917 50756 03426
23436 53219 07843 19774 49885 59678 64618 93155 99759 01120
18393 26012 39730 44083 00000

11414/9317/7572 kHz, 05-05, 1015/1025/1035 UTC

95610 10264 14440 37131 21108 25843 60033 39839 89500 47846
99037 23849 74703 00697 02862 67662 51525 44948 81759 35030
76088 23099 32678 07924 19464 71529 17667 72348 65464 53231
46294 24174 08544 91033 60507 87165 12724 05996 45364 60418
17497 90668 14087 37367 01636 71907 40870 63571 40859 42923
39879 25450 20271 69250 13873 87170 87529 98346 20901 17859
57680 27470 32498 76338 05574 09568 81823 45569 06831 01823
25179 33987 13277 86571 65342 85923 73780 19276 10153 68289
36451 83221 64793 25723 93108 55656 81197 21380 51987 15031
13022 05556 49594 44046 49627 79322 37664 08188 27496 45386
06151 14435 42533 63318 28196 79831 11679 51392 38000 64615
57278 02168 77545 49572 12643 04049 73105 62331 72236 85978
27473 82262 34934 27466 38850 78679 13783 01134 82340 62028
10698 39973 14968 52755 79543 46494 90171 97535 26035 85955
92719 87551 17881 30866 29952 58514 03629 48940 40328 77106
63637 51706 05184 43537 41608 45933 74654 64904 30129 55088
43694 79036 08661 03001 39128 33521 57388 76911 03685 49582
95408 12114 87926 25525 16653 65359 86040 59402 22018 69224
76404 95623 71111 84614 52883 25160 02072 93608 57777 94063
92892 99817 52375 99970 62682 28450 86043 81278 36310 43278
49776 28685 20862 22675 25172 73785 67354 61934 64744 34402
16138 94037 64526 21337 49431 46069 14894 36249 99420 73461
40548 15317 85360 39264 65600 98403 78121 30616 64684 28390
15613 29614 86051 10368 17520 80762 57567 85398 72802 22191
11559 98489 98377 72832 89445 65514 92432 92746 12102 68735
30810 58768 26863 35634 79885 22683 67143 80719 24400 44105
85586 15028 33663 15255 46679 52970 14569 19812 89789 71239
24881 93038 98541 99456 45190 75371 37480 47235 33014 76636
41956 97364 07457 93120 72177 19797 37879 44641 67346 86114
35001 23837 60846 89178 67889 74845 42388 97639 55260 43569
78075 99998 04535 66703 24314 17907 97090 91728 96505 93390
43134 45042 78467 79690 54643 90423 83509 90401 09820 45021
03110 86597 07472 45043 04124 06641 34784 78344 60471 68339
96903 26096 30226 98175 81771 80721 14060 67254 58658 32295
55965 38686 33817 40577 72210 56083 11713 34893 19443 27855
35244 09015 37898 86991 03420 03269 30642 31024 89901 91022
64783 71845 10874 11764 05604 50086 15660 17942 19523 93728
98530 27769 06862 25639 55148 01170 50321 49723 32070 81056
90120 70378 42754 67127 61738 24931 48517 14370 57183 33753
27859 73464 95741 97742 82609 15259 15133 97855 54332 06526
19012 76368 49411 29165 41761 04578 96275 60059 16498 66604
83183 53756 57249 14004 50013 95175 91220 70861 32498 14517
02098 45421 00000

11414/9317/7572 kHz, 06-05, 1015/1025/1035 UTC

03264 14234 59844 52169 12518 19732 67363 09334 93350 84778
26213 17661 35379 46791 45137 04157 65017 69750 78588 88805
95837 64751 73224 35835 78635 09087 07092 68354 68391 49808
51161 94818 50318 02694 07929 20735 92167 82560 06737 44072
15009 25872 60538 57791 99634 91558 13764 07945 70815 51002
35992 80779 26562 03116 41109 17284 04599 54663 66437 86071
03233 97357 32961 10806 98804 55835 67020 82329 26905 70531

20354 92711 19554 48295 35984 75884 15520 03556 63945 46554
85974 55327 90116 63090 42665 36831 28033 05353 20792 78637
78377 90889 53784 46093 00000

53802 59201 94039 59941 35296 02974 29095 89493 21159 56268
82960 33190 98489 72235 84648 27370 80416 48614 58384 45773
73689 84468 01017 55336 01456 12793 38826 68978 10894 57443
05910 06281 20400 87815 11340 98026 86012 69723 87274 95519
91762 35895 35222 70625 93636 24542 12628 17477 71843 59433
26983 91773 71063 69907 29645 48616 33380 74266 26548 64815
53570 74982 47995 56613 11446 39160 44724 28746 60937 47069
00000

11414/9317/7572 kHz, 07-05, 1015/1025/1035 UTC

Null message: 5761 00000

11414/9317/7572 kHz, 10-05, 1015/1025/1035 UTC

01351 30016 57284 90987 59624 94950 14918 69651 33849 12680
47050 99991 95179 73626 54012 99751 87775 50806 36990 30409
71736 83269 58985 20705 34499 01828 17189 47305 87876 82999
56485 21020 92929 42125 78737 52035 79858 01569 27583 92580
55102 94961 53382 80478 12830 93419 88049 32012 93014 64663
84423 57537 53283 00992 99878 98300 46712 77043 28864 07873
22776 23271 14056 26659 93625 26087 90807 22903 32884 90597
44590 98642 99153 26878 86107 84039 01414 45719 73777 68521
48502 74781 38263 42185 49866 31100 88735 45889 59769 10872
05573 53471 82144 82468 49165 34538 78279 93608 39526 71253
44518 28627 86384 27573 52172 76775 74459 94352 66829 97504
33595 58778 89235 93649 48447 71546 84958 28464 87408 10235
94994 47440 55456 62310 44534 90852 00619 76189 92045 07961
28740 53814 85890 08809 06228 83167 20640 14563 55488 34161
10284 92318 72714 66346 20526 85317 22729 21878 27348 74517
90563 02168 94028 32440 94470 51663 83808 55247 90035 97204
50389 83972 20105 16373 73445 50858 90189 33285 31351 11714
74054 65267 28298 50266 79160 68849 17994 65398 26670 58501
91132 77256 25679 96574 18820 13126 46381 77865 69146 59038
21846 57241 39091 88040 33092 93780 68937 01051 57155 09847
31413 41262 82830 88539 12707 68013 23771 57974 27576 01067
83648 35797 35724 71237 53045 32411 51632 38311 42769 36315
65037 62175 83293 30017 14240 38119 44984 09952 79435 32226
58822 08837 88245 77805 42303 43907 50655 18793 60195 39470
65519 11061 74853 97211 65847 17583 65764 12692 95041 58376
23026 61472 31283 01169 44435 03312 02242 03728 90876 77861
57318 43787 79698 90300 89579 97502 20770 10360 24602 52394
24897 33150 18384 65680 39285 75251 31538 03976 89752 04493
71936 25262 34356 26860 22998 89093 58139 78970 99812 05950
63676 99548 00280 61696 37106 78348 43460 78077 94342 05954
12317 95174 37149 72887 43042 86789 73758 91485 28146 44660
83738 38955 25517 92470 31777 45064 90610 15584 60087 72896
73979 17427 14105 66113 51324 38483 81179 61151 78243 98812
46944 87804 86885 50050 99040 06621 66679 47812 32900 56548
96332 80444 39261 11282 19297 15069 78118 67732 79859 46840
68772 15061 62086 62367 50693 57721 98771 53234 94865 90943
42600 40556 70310 52092 16703 96502 95470 96347 86792 73736
29148 70132 22073 78700 80675 80737 37101 49685 44021 85574
31797 25623 85500 49492 71784 16539 39788 43597 76250 11603
93923 84020 05512 85717 63989 34058 65477 90572 94151 18132
71192 41113 32754 20996 36652 33361 65145 70650 83067 54511
07942 28365 82788 71256 94390 34284 81041 07274 05547 82028
62704 45804 26925 20741 56272 18270 35342 08007 92230 64865
45609 48431 00000

11414/9317/7572 kHz, 11-05, 1015/1025/1035 UTC

86570 00075 67962 99187 89096 06677 55491 32764 53324 93056
31084 16590 38777 36988 59360 27548 73780 74698 69487 26594
13681 10732 98222 42692 04246 53681 62333 03712 79920 26244
02621 25245 51644 23023 66693 93261 63893 14531 22709 01558
25663 20813 21260 29923 45053 03140 47586 73966 22155 47208
31311 62542 79935 36274 05884 23716 37783 37675 34918 85187
57432 51159 47604 20146 15922 92479 50406 74451 85310 10664
07201 36117 23802 62432 05070 33007 07993 92163 47919 69691
60914 90878 45126 39411 55573 49085 00000

57833 13666 27173 75921 98231 90043 12536 77836 71892 21631
01259 47162 05941 23429 40194 52405 89187 45811 87824 94064
39527 30279 86794 36018 04644 31725 68954 99509 75694 05628
85119 80675 18684 83636 76713 77535 53186 85967 31506 37404
33130 44050 90609 60641 09312 31873 98936 21692 78347 29450
16304 93347 47721 66861 31368 85166 71649 22291 45573 31995
37425 72513 19322 93521 06940 19247 97518 50802 43070 39840
56719 10701 75614 35696 41029 54170 86465 76899 78969 89325
18711 66466 98487 95235 39349 72663 82298 67374 10302 02830
30740 50091 00000

11414/9317/7572 kHz, 12-05, 1015/1025/1035 UTC

89280 17874 93489 35890 00004 58589 53934 29398 58633 80525
74272 17866 02328 43194 95584 99340 59588 55371 68178 32478
34204 63622 37943 87018 51418 51854 87862 70150 83481 37843
64407 77190 96793 77670 43470 40011 87800 14008 15536 71665
99871 29189 94787 30639 38296 89002 81816 53166 25631 88140
34639 27055 64560 33255 27696 05446 00459 24540 03536 83961
00857 21791 46850 89657 93983 05872 35574 55240 33578 71533
48709 76968 82163 12515 35584 79688 29958 84864 76226 37431
91623 59426 87527 23016 48033 99422 54908 85095 25240 24069
94148 76082 27851 44164 73085 79383 68973 80590 47866 09396
63934 01663 93431 82695 79959 40256 32931 83848 58992 76666
95744 74290 55844 98122 58817 17713 58876 70902 50965 20390
85367 85975 24874 09881 68796 64131 26449 00556 80197 31504
16222 19362 50782 01453 22495 90301 88023 23728 30906 01018
02387 86856 40116 99962 86884 84686 38288 97558 16658 83032
80061 69810 60760 47358 68697 87786 23341 17423 73091 21423
56404 39847 34332 91082 11344 94523 41502 65299 21430 75810
81403 28156 32446 14447 91895 64728 23649 51135 73536 38031
86259 97715 39207 55905 51652 46875 06419 51289 86442 16330
61975 24298 96653 38422 53696 19566 08158 31060 88867 37268
15568 10943 44126 01287 16783 35010 16453 32932 75351 81052
69970 03667 77872 03417 58224 65282 78586 24749 26647 80944
48372 49708 24876 05556 70318 11592 83629 88880 49072 87806
35820 99847 26138 45129 86591 95495 18325 00683 61968 82977
21523 09581 90808 48068 47003 15162 99747 48614 82420 22765
25807 96368 94712 82975 76379 75632 17082 95280 91257 72158
87248 68072 86400 10740 29153 95935 84129 24931 95312 40164
59435 07336 12005 23427 57086 13898 94469 74539 59223 20634
24323 84269 08134 56241 06360 58111 13887 59028 46944 76976
01520 31597 21161 01726 77460 91710 20938 82490 19882 42801
01298 58715 22661 12535 66949 60860 47646 32883 66401 49703
64910 60137 85776 54172 85675 58303 59523 93658 17611 94304
40213 95730 97167 18451 94597 45202 78667 28587 18133 25485
84803 41381 85144 38160 48263 19169 76823 11713 99147 25811
54241 35366 77880 09985 68574 78946 78294 39360 25724 84721
50575 34086 47513 42155 18765 73041 96655 81496 92498 71260
57687 47172 77662 52006 91031 36884 15674 61894 02407 17378
06061 02534 94745 52806 92019 77096 94825 06626 13662 75277
71795 02969 58617 45060 89777 58424 64688 24750 61747 20167
54244 33682 96864 71367 05036 45073 58448 89835 87136 89429

74790 70811 20667 61964 69981 49861 34022 32457 06948 86807
27265 80984 59882 96629 70388 07976 58255 38278 91127 92021
69597 97332 32007 93867 13240 23450 81317 30043 22196 08528
07707 64554 95376 16534 53063 51435 00000

11414/9317/7572 kHz, 13-05, 1015/1025/1035 UTC

02817 75175 66504 50523 31051 78666 80603 29546 95256 77466
25094 12536 53435 87153 80664 91983 88238 96926 48072 20476
81612 86617 51942 23455 47365 33252 92323 50751 57578 86851
42437 59074 23795 20155 16055 42642 18944 81959 52938 54151
50914 08760 95789 83259 23734 74375 57140 84779 47277 82254
99612 73762 81447 30140 78011 29671 25775 01786 16656 76813
90354 65418 20412 33241 09074 83609 42848 45289 81059 64280
59960 49946 51290 07489 22901 32246 66300 27720 88148 69868
65922 56341 48555 52083 00000

85184 72626 80085 66382 56791 97891 45978 10792 38999 36986
17952 34300 80522 93317 87226 38995 96652 42638 04036 08328
41155 11269 62448 00033 14586 36438 95854 92260 38725 57198
25269 93873 51809 09339 27665 54843 04255 22745 16504 37676
59553 44633 51673 35821 30030 37103 20992 49974 02161 22446
60498 58246 31118 74639 05684 41103 09244 80476 90880 47035
38145 18760 38976 09883 59075 30993 08645 53766 21320 82026
91296 46543 93241 34069 74908 87742 45704 82525 16945 41908
62537 27081 93544 53290 57739 76483 17170 02823 04116 10449
39893 93317 03018 47136 53097 00000

11414/9317/7572 kHz, 14-05, 1015/1025/1035 UTC

Null message: 5761 00000

11414/9317/7572 kHz, 17-05, 1015/1025/1035 UTC

99076 67445 57166 97835 49816 19411 73492 87642 68133 99499
26896 71702 34877 71596 10017 54306 51946 22412 17523 89338
66476 51178 38317 60058 63487 01621 59168 16007 44172 22159
09455 15480 32017 65265 01713 47006 73948 61924 47667 28272
28673 32118 54442 05913 59428 17300 30637 04634 73302 45761
56946 99072 74333 66856 01022 06869 22555 15015 81265 26344
16197 89463 09224 67261 39211 60624 65294 48087 41320 39095
87412 58188 42772 68179 77423 08413 80987 25881 54802 18487
41294 47305 12443 14666 38925 03417 54171 36074 44478 97079
18689 73175 70014 62315 19636 86811 57999 77725 56442 81241
40250 30012 75678 29624 59099 88530 87575 75379 67951 76818
67413 57866 53418 52032 96453 35813 46226 28229 22117 06940
13082 04444 42081 47213 46678 83475 41998 18161 96036 92340
41503 15695 04369 40328 28221 58876 46638 75580 84446 42056
84029 26156 36181 98833 77485 36492 79228 51270 27523 35227
62025 42793 32505 95298 29897 78229 82550 72266 60428 19402
31289 31800 44633 09736 12618 02257 93614 26304 94682 13303
75397 82745 88242 06498 11631 31513 51617 28799 88831 38858
59414 44906 63874 31025 27197 29396 68402 35060 09311 24575
41858 62691 12035 74997 47803 10717 89254 74575 53241 76328
12840 87230 75602 10817 34922 27011 27101 60091 84250 08627
11140 65459 63812 04325 50454 23088 41923 68053 51678 25602
53948 12851 36030 34247 56866 52390 90796 55050 03845 42623
21300 17433 31028 84461 08047 78696 73716 73426 98740 02819
54131 07214 89842 87018 07941 87102 77367 34497 41757 74148
81614 96817 38764 86104 75502 34349 54686 45997 71208 68211
71270 18302 44798 22165 99480 93655 03528 77877 49583 08037
25512 92007 10320 07361 26440 48542 04336 93423 33031 44829
12088 12122 67918 34728 81374 69909 75642 77341 64711 89399
44445 64740 51723 40076 03559 27133 88740 05035 00658 38914
02794 69695 89190 74030 72188 43430 80246 84101 10848 50032
38672 97724 58616 47978 28106 64419 94705 66402 34631 91630

16471 67741 23729 48238 50709 72972 10215 33008 89665 10384
45859 31422 68931 73821 54363 09327 29423 01347 68389 16828
30638 10239 48331 00887 07356 49282 87505 50040 86997 54281
33463 19684 09806 17730 80090 11367 19046 08581 10215 04524
13426 03050 93368 64082 78891 12394 68430 72394 42021 18599
65807 58916 12180 53911 48861 26081 04632 85162 79261 94799
61803 88808 35943 18032 14869 27634 42376 35854 52864 65052
81816 70477 91501 77942 05234 84635 58883 53956 61604 51796
40292 84236 05251 11625 49262 87484 59928 09134 17082 26311
44326 40972 17987 01807 88691 57268 72128 37284 97243 92487
93606 87101 36093 23727 75689 31534 51316 54427 00000

11414/9317/7572 kHz, 18-05, 1015/1025/1035 UTC

33971 98629 86615 87551 09891 97981 85974 16377 09380 48318
82472 24810 90520 95291 55622 41632 28350 44726 62738 69415
90683 85484 72042 43770 03103 58143 24761 37608 39034 49145
24676 02620 95867 15141 78542 65139 43044 67180 35834 18596
53058 69467 01231 79734 51303 32344 18310 00789 45704 04202
47857 54804 22074 92010 89249 36294 16129 65145 18337 44406
98100 22199 40269 40806 30884 25476 80702 99451 87659 32844
63818 90448 39922 81642 50602 65173 51863 04323 35804 34860
42032 80517 27040 59828 98220 55225 54449 91536 56515 77790
84365 55091 00000

85560 73394 38969 14130 27664 15462 37432 98938 73449 49479
14894 32781 23676 47372 46675 45756 71292 61175 04354 27758
00804 63580 77241 29616 62723 63968 71303 51445 84068 04622
08957 35390 00821 66793 78188 04944 23303 41335 04418 18051
70402 43556 43564 26151 33579 77013 19732 56380 56590 75909
55965 59097 41889 80799 71510 87930 19606 27274 44017 04534
40076 52334 60113 25235 75831 48112 02809 51768 44012 17658
49137 53272 85112 12453 76505 91750 59027 56356 01159 56079
00000

11414/9317/7572 kHz, 19-05, 1015/1025/1035 UTC

20761 71603 60682 74199 76242 53121 67625 99708 27973 83779
36314 96995 67913 72383 30775 61170 21486 70429 05437 24120
21831 87161 99168 18445 98236 75427 83320 11411 14649 68028
62201 01115 19234 69239 49448 92032 90898 31195 68696 92163
93732 69825 52013 98934 75291 00031 34523 66062 69667 94783
68656 68565 91278 97837 06467 08102 30329 44750 23459 25832
85850 71874 82344 14981 97296 18049 60189 50307 60593 48629
87370 76640 39616 56589 71789 23698 08996 20344 06775 39352
89229 23013 86119 58549 59998 62786 74673 50053 62656 09096
07952 08212 27806 84273 19178 81930 88921 75391 17209 58044
67934 05950 63772 41260 43735 22134 23461 97883 39521 73300
84921 55489 89925 91386 76662 75748 73876 98936 25943 42576
24112 00434 34149 32806 49291 36610 67124 61571 29643 06440
83875 19578 72087 86491 52089 44459 35767 02338 23912 93403
63926 31691 70413 09238 83071 43982 98183 97152 55362 06034
96494 54262 95154 08549 88464 19183 85646 93081 84666 33822
56558 84180 62616 34553 08783 56407 20570 14983 96949 90887
79085 27482 05832 01120 28767 15673 81546 32693 47643 95063
03466 66633 36608 24015 07801 81034 46374 32223 98773 50695
94351 98913 08328 89412 94924 97928 90313 64657 51528 51894
60081 39286 83990 62656 15422 20000 89560 10184 99790 17224
61063 37097 93762 46103 10629 61051 45634 23300 72416 82118
77136 39274 82787 77392 25173 10747 61353 99976 05534 43018
41337 24563 09527 56847 22696 06776 69439 59561 46432 48469
53807 65090 13530 86179 78386 92625 96959 44900 43797 98563
20193 24376 35762 21453 00647 10114 48878 44604 81519 26279
19862 06076 00434 72676 81209 10698 68334 13000 71195 23844
57087 06544 61163 51624 19191 00552 86038 37194 88071 25402

88997 27860 32367 59811 16240 92677 62663 58248 22791 95223
14104 57732 75277 51231 53317 06231 62619 25776 83100 79804
50559 49700 43288 80733 40986 59966 31258 33764 21978 93614
90493 22711 19504 90032 40664 34557 86722 81207 47632 03277
91821 74651 56845 70546 90323 58696 38551 05536 92804 84832
18252 50976 63963 06797 90864 87674 13967 81070 42002 34683
68030 58505 24820 27294 25147 21741 65874 40054 41923 48115
98412 46994 02441 02750 46551 36240 60103 91495 08759 21216
62379 28434 14108 15614 94403 97611 49706 64320 02360 13705
82759 47485 82580 11298 25706 99928 47322 17454 17847 13060
03119 87284 21928 11508 02685 07191 59085 21648 56286 95467
30627 74204 13519 54954 00052 08129 51439 57434 33765 67932
29979 64449 23928 11661 00578 14236 41869 71707 78985 29454
95496 35641 18149 25412 89159 39237 42150 23462 09379 88915
27101 99260 84906 55749 39960 20584 94526 08246 71190 54368
21056 76086 22205 57433 00000

11414/9317/7572 kHz, 20-05, 1015/1025/1035 UTC

01452 42529 85278 10088 35673 27363 10032 96454 78842 91588
31536 98326 22363 91990 07611 49312 31804 19096 79240 71102
74490 78829 97617 02449 33112 04355 02067 82526 91321 27769
97283 30888 02228 66350 03332 91182 75744 03049 76824 30829
45725 65894 26742 13842 02819 36027 73309 88978 03979 39023
23382 60419 94583 99207 60774 33139 04083 61648 74958 50187
01115 11510 76591 64042 19040 45455 73289 09237 87820 74793
04090 68440 33183 65047 56051 58075 00000

45221 82934 08770 03236 21648 67402 05970 79449 33396 77478
02776 44336 05761 97230 82491 04233 94530 01086 69667 18968
59272 64002 99718 43725 41402 95573 08182 69049 32977 27739
88028 01188 47147 10799 88493 49953 26208 97417 53831 16287
48186 19302 25464 96723 17897 86244 55936 46933 53411 62211
08129 71535 03874 98179 38166 32368 59606 26389 85443 92403
40426 45711 18231 37496 73135 52826 08274 43145 94100 98875
32837 78472 37867 76299 27635 64589 97756 65533 39061 29544
69356 96259 49190 27042 12876 02892 71961 11125 95272 78987
43989 83989 98112 60277 58450 59141 02082 90988 15461 07068
84100 53162 87408 59103 00000

11414/9317/7572 kHz, 21-05, 1015/1025/1035 UTC

Null message: 5761 00000

11414/9317/7572 kHz, 24-05, 1015/1025/1035 UTC

96119 39992 66834 32116 07268 18665 38415 98988 75812 79061
62661 00970 36634 73595 66657 73557 42596 18410 65265 36838
98005 29450 85262 34930 49599 46142 27470 65370 27240 03607
71556 21890 51495 39334 53204 98987 50314 45287 68328 31776
51961 01335 84027 69503 46411 50984 60973 06218 32391 05326
16899 16988 92251 86144 85896 73131 61856 44124 53202 34888
87683 13092 70155 44961 88315 86233 79021 71391 62517 25214
02365 73168 11078 38155 76660 87046 64611 87388 34837 58979
34509 12938 67421 68628 29208 82661 16991 20373 02998 04985
85620 99256 29519 65180 59991 15325 17165 71107 83871 84761
08563 19372 32650 21299 31323 17830 69601 36301 92249 25373
88578 70989 32189 94944 72824 09229 83716 30707 24578 44316
98841 95315 45171 98212 38916 28218 70298 16660 43939 60936
90155 88599 23448 40248 09125 63361 36173 95229 24701 64032
50650 09067 30338 20460 03984 81605 71915 70319 00931 93551
12504 01688 20519 08268 85112 35552 22356 72116 38125 71708
69846 99261 03085 46466 12483 51893 39540 75613 94412 51787
36627 81068 81452 84161 76072 24663 23758 79746 86313 97494
96317 86024 42424 38276 84471 63555 91517 79132 06633 68345
08333 42274 91406 06190 10684 35987 51290 69919 8945? 23376

20142 95498 32857 62298 46606 97908 49547 39934 60688 72753
20450 50408 55654 74522 33811 88931 52455 07455 83269 60875
38854 89940 33594 29224 00456 78386 83791 48848 85805 61501
82259 61029 72772 60921 73681 46676 28375 99126 82342 61670
79266 20574 61566 02780 35034 76999 63947 77569 31537 12807
12066 76766 86439 11500 74396 72488 84137 89083 76057 90799
32275 45379 99129 32020 57027 09178 52202 37216 29335 38192
13851 24334 39292 59720 79721 42389 60859 62976 67926 17165
74099 79012 62416 86849 37120 09182 99036 51057 24911 88072
23943 81653 77260 91850 79070 68854 22944 27949 94336 00996
72373 67046 91275 01447 95881 03266 27782 71080 29847 53533
38657 09756 77833 32035 51641 15236 98941 60709 83626 82984
00548 01709 46724 55284 77632 22780 18897 93103 65871 31481
58811 69156 00692 39193 69635 05594 99461 40847 41430 04760
09025 21316 26860 46445 85745 24404 29877 50096 00260 45366
12088 25389 84131 32909 46488 59628 60577 11592 73234 15398
26472 60582 37168 36899 77802 09698 11759 88424 95772 38662
39160 73394 35736 90529 41067 07395 86152 35206 80067 43663
89744 44001 76158 74448 44057 61154 08134 56686 23593 83274
54522 35434 90718 82624 53759 63489 87531 35189 88288 40648
25866 39472 22276 21015 17633 36944 47624 61831 12685 70095
17975 12235 36378 39022 75385 65404 44034 42486 99374 22519
34488 14378 33012 41968 89898 91538 65749 60427 00000

11414/9317/7572 kHz, 25-05, 1015/1025/1035 UTC

38042 34674 64793 15625 23234 14900 98068 46941 25518 59794
14817 16573 25678 33412 10971 57478 29996 49564 42566 59767
13704 82818 49511 33316 52810 21402 88836 17743 92750 04182
88348 94440 27284 08917 56636 80346 86085 83960 10356 08133
54470 40621 04744 22518 73674 61045 00000

26809 22279 96526 92216 17779 30275 86922 19620 48601 36936
00444 75705 08441 18229 42677 92190 49791 81231 47038 01272
34202 11493 05312 57058 83171 46269 27579 03974 63909 22074
73730 03068 64648 69988 23747 52176 39192 57152 78943 60867
25395 97899 11346 66106 67242 82945 03411 99587 95247 00084
45261 42657 44827 44828 81624 29774 17354 44427 25674 86443
13574 43699 81944 12561 94072 26119 45520 47104 46485 68597
69683 75106 64120 53391 19202 62859 65714 85571 51448 32269
10971 89510 92546 10314 91593 82793 00718 14538 02502 51022
34023 60513 22900 71928 64686 02216 61899 62241 07195 41246
48383 45751 52344 65841 69796 65995 24439 05601 89540 92013
03817 12878 97680 90612 81900 06769 74635 63561 40949 40635
72538 73172 75708 79100 43974 62125 00000

11414/9317/7572 kHz, 26-05, 1015/1025/1035 UTC

87677 57620 19583 46049 63615 12510 61741 53896 80598 48575
09831 93208 71795 79190 43389 00040 84239 48387 01890 43306
95304 81973 84071 40213 83571 10621 07138 70994 96277 75866
80505 66405 80538 54959 73795 66411 70522 65493 83738 73496
47771 35761 29708 49048 16855 51771 32542 26241 63544 16862
56361 37863 87687 84845 18061 82517 27989 52632 94160 77650
20861 23262 79713 72818 60554 75280 78949 21659 52736 99483
32341 35989 78719 88405 09789 70458 12524 91165 24603 11225
57952 66808 47974 67055 97875 99887 28625 86312 72918 62538
47314 48260 31716 34534 60901 02118 19949 17203 15649 52308
00332 02119 34442 13334 20746 80520 07631 82720 72705 04391
42168 05468 07343 35128 48739 28429 01101 40761 71562 68087
88319 27630 90560 40136 02903 17483 50571 24312 96259 05910
97308 62934 23698 63079 24745 16553 16464 62679 63600 25178
81615 50028 65644 48507 96909 85284 63476 83593 92907 22686
10485 83398 39462 11764 30675 24651 78793 31471 33035 98471
72334 93148 70157 22180 53535 73290 45767 95733 03802 62017

00881 51236 93782 38223 33253 68944 57158 07307 29821 58220
89153 62448 16815 26861 86930 55357 57244 87243 74072 87423
50421 72728 76336 57225 13235 62746 40856 25316 47839 40022
16000 82234 25465 28363 34048 30681 41027 84443 63906 17782
18219 42042 26007 78394 69788 32154 86619 75389 42669 27412
73738 47829 02669 84275 81738 03012 38394 81398 56987 13285
89101 77630 81608 03592 26158 38089 97566 40672 42810 01730
38284 59862 31931 88856 59950 90434 56453 72019 89739 65402
42161 58720 33102 26738 47527 59373 07328 61940 90301 38964
93566 32889 35510 75830 24494 82912 74580 76009 49804 33027
50261 16593 46734 03264 07028 16522 67777 20041 71671 58262
42809 95501 93745 08791 77783 89761 00563 13340 17203 92007
46434 60334 62544 81381 60831 40958 63832 53583 25162 51777
26540 24139 32849 13883 01013 44261 12394 06960 46596 90248
18116 41749 87664 12356 18260 19311 03720 54077 35150 50557
20776 77771 17083 34461 96183 57577 46644 18411 14114 25553
15147 89112 33864 81966 17859 67513 58186 05695 49726 06155
13826 25653 06272 12409 61449 39193 19355 46031 77158 88420
82479 64470 72770 30351 45351 14360 47061 61856 82342 92649
85141 85331 64591 25796 48181 26027 90383 40461 20637 36967
53534 24152 07198 52415 54438 99231 96622 75807 83491 58763
34658 13094 31552 37587 73224 87430 07154 17108 88063 96157
65129 87196 82029 95994 76363 13670 16208 27403 93331 84764
36056 14042 91138 35060 84756 98257 88725 70274 20957 98552
79944 41381 83092 99958 29182 63415 00000

11414/9317/7572 kHz, 27-05, 1015/1025/1035 UTC

78639 94711 82695 06076 91944 49568 21193 32418 56895 60335
04217 89067 25840 23691 64832 64776 34611 54122 27123 13129
92020 75160 81078 20771 89766 12657 67748 26909 68689 69802
73082 86272 02304 88572 53903 92710 83568 27283 44440 05630
25802 08947 16873 46449 13704 20127 94311 57256 65409 64950
39658 38867 91515 03999 68784 10463 62021 32744 61464 57994
17109 79220 68495 63547 82713 25629 38450 32855 76821 83547
12495 63130 17418 77447 60712 18433 68037 16193 58364 04736
81852 57223 25534 61883 30232 93095 78585 14637 26705 15071
66874 49988 82283 33452 93153 12931 53058 64097 00000

10126 69283 14968 08025 97298 92633 84261 92890 92033 10422
54240 50208 26971 83005 87404 71072 25530 42202 91450 11994
35471 27854 45842 46550 80910 16683 89826 24173 49994 29362
01551 84492 60385 26750 22980 00696 69787 31225 10310 50317
23665 34047 14551 36915 57360 74702 21973 11061 94797 03151
09110 64080 10947 60923 91989 92993 50255 42006 74303 60076
18215 19442 24178 95490 88267 48600 34255 16418 91228 83034
47531 65071 00000

11414/9317/7572 kHz, 28-05, 1015/1025/1035 UTC

Null message: 5761 00000

11414/9317/7572 kHz, 31-05, 1015/1025/1035 UTC

79006 96468 53308 79294 13997 15483 08429 53866 75361 33115
91945 54789 29374 13720 65556 65124 39251 88006 30922 08791
77597 59012 78304 87454 79573 11692 53252 07743 47722 80805
14801 65977 44395 56800 83608 82620 32713 34357 03478 03608
52000 33316 64686 10768 38627 46635 62572 08515 28202 95101
89820 78985 00045 93464 85863 22836 49891 57672 91857 27861
01746 07929 84664 32634 94844 47217 88265 77359 06642 20017
86066 59110 97779 80872 82507 33658 89956 27521 87433 31064
12656 78249 21654 77233 79651 98186 67136 38606 81235 04202
10255 32193 03111 03109 51554 68116 07881 42854 80451 16869
40068 81384 38311 18458 40614 02873 18348 75643 81784 36004
75769 98434 58422 53989 46625 92046 96483 61008 98771 05506

64806 94773 63412 83081 01025 99879 20636 85743 87593 51659
37399 74818 38838 35196 81390 75046 84986 09217 59205 59223
64101 09524 52276 21600 57869 71673 48999 32252 32170 77572
96480 89585 68365 55692 20361 13180 96256 89586 86132 44144
64634 14391 00406 45189 10363 06001 75546 17585 11938 92615
06144 77206 38456 43332 30712 56847 29933 13470 77102 26988
69900 51333 15035 52212 36235 96078 64194 25454 41137 21387
31336 47262 96218 04621 74829 42277 63613 26159 20084 30094
79072 28596 74285 92716 57961 90491 13895 05775 20106 94354
43327 25704 94429 93556 48271 50061 89302 07863 92067 93182
39561 02251 28594 44353 66121 28733 30092 00688 09125 35844
53368 91906 20559 75494 92819 39187 27293 61880 93707 15296
00449 62118 24124 98164 92072 23324 29086 35124 25016 65788
15199 59957 46985 96960 39323 29984 84683 25925 99676 75341
58994 83041 52829 77668 47128 74461 04995 20367 02688 26186
51096 77632 69580 97365 60009 34444 50708 67526 29441 54701
17387 27411 58870 39682 70427 28112 13998 44035 88806 68205
81131 41470 26881 23550 34958 57339 46070 49458 68122 10316
91947 09910 56066 30322 52685 13510 55560 44932 59777 60869
60358 51408 16989 33100 62423 16573 68469 76112 92156 71700
41954 60396 36064 94616 28008 20981 55310 96189 81241 07261
53577 53405 54434 97366 67689 56214 01508 56780 79417 60328
10283 45869 71924 63172 50959 06038 79265 45159 51257 79182
02401 43485 34154 40131 90146 50640 79159 46756 08502 54803
93059 37456 46797 64322 01074 30683 34096 83469 94357 06218
64282 31646 94791 72854 53285 23234 22995 52215 76863 50280
80494 33355 62394 35206 81994 77858 33112 45709 98682 80113
28211 89074 98503 12443 47281 28063 94352 09798 92482 85563
36103 73674 06922 30211 07432 99969 32654 60143 13359 60441
36748 27093 69452 92474 78863 67994 28629 76836 18757 36305
06487 08100 87181 50214 91117 87435 68591 99937 48322 92462
64940 99222 24045 25576 97215 84741 41005 66437 00000 +++++

PACIFIC REPORT

17532 kHz, 12-05, 0102 UTC, I.p.
16351 kHz,12-05, 0115 UTC, I.p.
14428 kHz,12-05, 0127 UTC, I.p.

80510 75150 85814 53829 29209 16834 04623 96980 76356 38726
90861 42047 20942 07435 10846 61977 09615 40739 51208 53593
19727 66598 32672 00162 40927 74824 87183 50854 41212 91126
46879 59290 28402 28204 18292 48349 42948 93574 40260 93445
43043 58832 48956 41436 67939 20021 98491 07377 90434 03797
10512 16277 94451 99096 51250 82083 38661 18965 59444 41044
92064 22257 73579 81655 52498 49883 31884 38386 83977 55301
43509 41351 33834 33925 54349 39135 15564 81152 55919 36941
68351 33692 10739 17269 29176 73875 92659 35290 78461 01656
65569 06124 45199 03953 48914 26193 82475 76064 43473 95850
49356 74806 15824 35462 60042 08085 64939 12132 86264 90575
19348 19263 23824 20206 38302 76137 59238 55132 15383 39700
97423 99882 07988 45739 36344 02366 41132 21650 99571 00436
59005 37968 62703 57693 22719 90853 34549 33204 77685 32730
79052 30844 39058 93245 88869 10936 68679 57762 46541 39877
41969 95544 34209 82443 28193 54848 77792 66456 32545 67087
36587 74499 73486 27274 74203 42375 93772 42914 71793 68985
28612 68544 69501 67326 79392 68105 47070 11288 66407 72337
79549 57930 59024 23370 29039 49950 06738 23723 58400 28002
19528 31877 77883 07570 70987 71618 60600 00083 22624 47343
87779 82947 92803 82500 09747 48206 18758 23372 33569 84482
85088 75367 73288 71926 17222 64032 23698 94825 63238 37947
43584 01589 12518 55704 59387 66773 24640 24163 25204 34854
66975 80155 00073 50419 84408 32840 28489 04475 49621 08885

35074 51553 67385 67669 69348 77312 31295 78701 61532 21305
56375 78415 75323 84615 36013 48566 68586 77047 96638 83381
97884 83544 48593 37676 27802 54544 56637 73115 30987 49939
78514 44798 89853 91344 45025 95374 35882 02348 80039 48858
87453 41437 83888 21338 72162 57297 28577 90773 44530 21145
38241 93059 35074 15818 53304 36543 91658 86274 01763 52189
99066 81217 26031 21580 87739 40514 38796 49927 67602 08104
06315 76297 47933 75083 82584 38234 29205 82656 42834 32949
45470 50321 00000 00000 +++++ +++++ +++++

20331 kHz, 13-05, 0013 UTC, i.p.

17471 kHz, 13-05, 0021 UTC, i.p.

17532 kHz,13-05, 0100 UTC

16351 kHz,13-05, 0110 UTC

14428 kHz,13-05, 0120 UTC

04737 93497 21322 13667 32167 86788 86721 26697 84021 62299
59044 30041 48741 22662 28582 35776 64808 25798 87447 92035
85757 78703 42286 65328 85512 32910 35293 64359 71249 17529
53215 03794 95958 70840 29030 31402 87915 56350 65984 67014
39213 74258 38691 26733 20586 04279 50958 30843 14673 40733
55045 18838 84933 05883 62031 20021 22398 52408 97990 53112
37430 90990 85646 53286 88702 03933 56208 50104 66563 30744
21070 44746 72986 36643 58057 60009 65292 99903 91915 61491
55822 78990 73723 73406 84761 45408 88916 37465 08293 93221
48619 88256 69263 61169 43952 43579 42574 28309 68031 33140
72444 69137 35316 14081 43775 79126 53018 46751 54769 06597
24244 29174 83020 51885 87561 13641 62232 19728 22686 53878
11788 35809 76960 56207 86316 63406 92329 33155 37493 81066
37484 82938 05206 07261 74872 43268 80327 82947 17265 92904
06244 47978 53547 99404 11343 72296 48453 36501 89648 27854
45895 19542 71787 12189 30611 32440 53470 59602 27788 44561
73690 00866 45364 40991 59804 57407 88701 14619 81703 80906
02297 93475 82250 74229 18241 01763 76177 54664 16101 78009
34624 45359 23913 98798 97507 05943 14979 81492 80917 38221
80148 64406 71712 27928 80284 87851 26513 08432 08578 24508
17276 57365 17429 32535 90638 62098 89552 29888 33226 14992
58023 13253 60085 24381 04921 70054 68477 52214 93281 56966
24163 14291 12047 43361 72415 04038 38667 43138 90913 25750
49089 83372 26729 48250 29787 83215 84571 14892 71523 41482
58500 70846 49549 56377 24274 93616 19911 25778 34539 37709
86554 01526 84025 29401 18928 96160 36968 72543 24747 65529
33903 51344 07636 15713 20061 41049 64311 07711 62521 62480
01006 58311 48326 41355 73821 60594 80741 58329 82691 72499
15845 00699 73642 46896 06635 51701 29052 01601 46852 78353
50574 52766 31689 03755 64429 60089 77582 74811 03752 57278
68275 61297 47665 66202 19343 47209 21794 51307 00000 00000
+++++ +++++

20331 kHz, 14-05, 0010 UTC / 17471 kHz, 14-05, 0020 UTC

17532 kHz, 14-05, 0100 UTC / 16351 kHz, 14-05, 0110 UTC / 14428 kHz, 14-05, 0120 UTC

09570 93849 73278 95749 35644 02312 44234 84664 05496 50932
48872 39272 54279 66813 54426 29311 73517 96814 16348 12868
32830 59905 58864 32937 31440 48460 00173 37114 65401 08160
70691 62622 21491 51185 97819 53861 33699 82418 55642 04664
63247 43302 03006 42440 88090 03069 58415 96415 12816 52023
85186 17125 34904 76559 85285 39374 28262 20606 25299 05842
29987 63180 42974 93512 41289 66752 07755 10133 78508 76084
33766 52869 35172 72257 68676 46365 41016 11558 06875 02380
28931 03910 00399 68192 45738 10550 66061 55968 67765 65633
12202 70265 07139 51440 33501 75878 19733 81895 47309 73193
50725 74066 69901 73261 78677 12347 56128 89754 44099 34994

50867 90013 73411 97723 25742 72357 34265 94041 99520 61858
83141 36998 65653 41751 91179 32058 75366 62685 59154 95772
49772 96987 57562 99937 19408 30136 52738 45929 14663 06631
04945 98900 55518 72438 49371 36531 14037 81218 95980 92013
48054 56494 09145 95967 29489 26975 52996 46964 15724 77212
13447 65353 37494 80769 32797 10082 01706 08100 17888 63179
32649 26326 07720 11616 00014 33091 11486 81207 07165 91687
52944 02256 38113 59640 82090 11621 86606 27928 40038 20902
15794 13052 88066 05422 21889 69106 36768 93696 00280 12072
36223 62083 37515 73486 13155 64290 77602 25718 65991 50441
36071 45989 53774 55370 60214 11371 39856 60849 58968 41911
76314 61428 50855 34106 40034 88572 03433 51881 56378 72790
62676 67283 71404 48438 95751 68071 58542 30886 95597 74379
70690 20735 20763 31660 73655 14773 68933 72075 21883 28359
07595 61540 62400 58911 10253 74592 77929 45212 71664 64284
05092 02185 00504 19280 88653 35856 12915 25351 57736 68177
75373 73447 34944 26402 70309 81547 14334 76693 82911 22454
69175 06666 32573 74741 75432 86532 97391 39040 61897 63563
05185 86822 22936 69515 89433 33919 54756 45759 33620 55909
01156 15752 52367 87608 19678 59568 82843 73815 04116 70170
84851 52311 00000 00000 +++++

22936 kHz, 17-05, 0002 UTC / 20331 kHz, 17-05, 0010 UTC / 17471 kHz, 17-05, 0020 UTC
17532 kHz, 17-05, 0100 UTC / 16351 kHz, 17-05, 0110 UTC / 14428 kHz, 17-05, 0120 UTC

Wrong 200Hz shift instead of 500Hz. Little usable decode, apparently message serial #53 with 305 groups

22936 kHz, 18-05, 0000 UTC / 20331 kHz, 18-05, 0010 UTC / 17471 kHz, 18-05, 0020 UTC
17532 kHz, 18-05, 0100 UTC / 16351 kHz, 18-05, 0110 UTC / 14428 kHz, 18-05, 0120 UTC

86387 47666 95375 68152 66481 71897 00469 38997 76023 38288
36259 89384 46376 88285 08204 12691 49869 85775 21836 42123
55248 63021 56219 36746 51559 08891 48831 24641 57695 85302
21554 51626 59767 82841 02476 08993 43492 51459 23170 38667
13795 67220 96157 39263 18800 21014 02229 21448 20406 40180
42317 86056 78629 78981 33613 23407 41911 38862 54599 57237
60553 04427 68702 81711 65505 06081 81246 64926 79660 45269
09392 17369 53856 43248 69752 48740 44776 99334 13373 61602
76932 69556 62760 55282 55915 01663 30650 38459 25099 87407
25205 73888 82996 18063 71317 03685 03445 54092 02721 28617
25805 44915 04582 39837 07377 59718 11281 26492 55200 15227
89036 07653 79447 11394 58102 61994 35577 10937 34183 53667
47447 23655 93791 77803 28578 81472 93207 74079 43738 15143
95743 81790 78056 68549 86999 34868 05839 11540 82789 20263
76280 37233 59432 48163 58260 54742 61095 07452 11402 13236
63878 04860 75596 18294 01313 11256 96162 26477 80989 63486
26852 29066 46973 95236 77856 60887 67716 95319 01037 95184
54140 16856 29539 10459 37584 85756 13995 40213 62304 81972
22491 41556 72212 91926 96494 43579 96536 55581 79927 61465
64095 56562 63565 87254 00880 28804 11961 93203 90616 78114
65077 08689 03006 42138 31807 56571 19330 37121 17584 59983
10105 64940 53253 55454 44477 78820 17407 73325 36041 31177
69362 71384 54768 52026 34968 32666 59746 31408 12438 63340
32397 04237 90379 51648 14873 61037 95233 73800 83318 33004
10278 57790 10686 24800 33415 41053 98775 93556 65908 82912
84219 97503 49269 17747 48065 62658 92466 59818 83667 41024
56667 95696 02567 58731 89676 25223 83038 77547 27275 36939
91014 18220 03634 28934 28049 19058 38011 11035 86022 28212
89887 49280 13276 53084 99762 38625 21854 15302 57775 14794
90551 84691 67342 41239 43447 90707 96012 32135 08615 34721
30702 97341 86691 51642 79526 20277 84008 94284 87391 04644
89945 38927 57544 50933 03228 35505 96270 48656 36815 50862
22923 95236 56117 78510 12469 77493 30174 13337 62743 76669

00524 14676 03600 82925 97436 06208 90140 30246 58190 86112
47218 87689 27087 45905 57392 67936 41904 21413 09532 39039
36444 24307 50252 50352 13899 27646 05364 08549 70692 03855
63539 64673 75503 38590 39363 98171 33151 68916 57973 08827
88033 54371 00000 00000 +++++

22936 kHz, 19-05, 0002 UTC / 20331 kHz, 19-05, 0010 UTC / 17471 kHz, 19-05, 0020 UTC
17532 kHz, 19-05, 0100 UTC / 16351 kHz, 19-05, 0110 UTC / 14428 kHz, 19-05, 0120 UTC

06158 00714 98300 29847 28405 64224 77913 41601 72723 99002
44990 79168 52623 64574 32015 54158 47121 35877 87959 57890
20115 43896 00251 64978 07048 52739 98866 47554 54794 02814
91000 42333 25709 74811 99721 37688 01771 54184 05085 72937
49759 00784 11120 67024 33409 53378 87127 18780 83472 23711
56742 45954 61628 59801 33175 55207 79177 83166 24094 60240
56460 29665 54563 90264 33936 48633 81494 55982 70853 40013
98032 65280 92469 34157 51324 05820 71725 43994 22100 36700
56344 44246 39514 56401 77271 57385 29672 39175 99397 51014
21289 57088 00515 76363 56914 29893 89418 02585 83157 69920
99116 26534 18364 14174 16076 62734 21158 60826 31427 43196
08307 52294 25099 81794 95344 72082 18788 82876 58381 47582
58711 98800 40539 76023 14093 66091 51459 15749 02302 74886
33313 10009 76589 51380 91751 35474 37362 57937 15236 92626
52931 40573 31183 80245 00663 78483 72366 21158 64487 15315
52006 31443 49683 76854 70991 50288 00894 04842 05668 72671
34292 61572 49624 52066 19859 84999 07929 65351 74677 99002
67239 57117 53218 08524 90230 05553 45523 34253 07773 77103
19240 66555 07310 62082 66443 43319 40856 08432 41178 81420
01069 95814 98659 16487 38816 17221 72077 30651 20692 60287
47929 72979 49909 05507 25830 02260 99009 83525 73729 06852
27822 58704 14479 81261 85121 31138 04682 64147 17408 74321
91769 67446 33257 50646 60234 51287 96677 71917 02960 24407
47899 97075 78591 74726 75050 84315 40873 59808 85146 39786
50895 11847 47835 30060 08199 36912 10331 50561 61651 13108
06980 67133 86054 17350 11889 72944 35410 35445 08061 27911
08783 35150 71473 72824 89698 06919 93527 35377 45013 02005
90326 70269 94196 22612 72192 00583 84959 43797 71890 52615
36169 71778 54970 01357 33982 68376 60680 68800 92144 96241
46879 42269 12386 64578 37397 04953 05847 80042 95272 95838
61480 32499 70299 41223 72369 70338 94339 24996 55880 45020
22815 89875 28613 29553 45841 86794 22063 40581 17413 14618
49957 18773 76107 17372 63171 47201 55326 00000 00000 +++++

22936 kHz, 20-05, 0002 UTC / 20331 kHz, 20-05, 0010 UTC / 17471 kHz, 20-05, 0020 UTC
17532 kHz, 20-05, 0100 UTC / 16351 kHz, 20-05, 0110 UTC / 14428 kHz, 20-05, 0120 UTC

Wrong 200Hz shift instead of 500Hz. No usable decode

22936 kHz, 21-05, 0002 UTC / 20331 kHz, 21-05, 0010 UTC / 17471 kHz, 21-05, 0020 UTC
17532 kHz, 21-05, 0100 UTC / 16351 kHz, 21-05, 0110 UTC / 14428 kHz, 21-05, 0120 UTC

59305 52207 17455 73470 57931 04606 97156 67466 39994 48688
53130 58619 19679 04098 02114 98275 66964 62008 81402 55025
10324 67398 03952 08936 01637 12354 68637 21665 60492 26344
55404 30886 40080 74410 59942 42471 81845 99201 47616 18864
51101 67792 31313 87078 70791 09226 02911 14772 95576 53719
73036 27811 93447 09462 98821 67792 27041 37950 04333 12929
51850 13800 23360 10759 73521 79961 19261 96114 31415 34284
61540 92768 00627 08374 63860 22223 29650 24661 13155 68053
55877 42637 44555 69267 66113 30188 41795 41094 94298 20956
67799 46663 73628 43686 55126 67989 85250 34471 10974 49721
70740 67848 16410 14072 00519 67687 24539 70388 15430 83789
87278 67778 83643 45157 65431 64244 40075 25855 01758 10762

00516 84406 61710 73734 67658 62670 71541 44263 71203 55115
08458 07672 09231 84452 22514 71725 83040 44549 94929 76973
42623 96561 62523 37664 84968 29236 62946 86655 72401 19302
80404 22780 63112 52898 96551 84072 71088 93981 76255 95329
97625 10633 42903 63412 01614 95217 22956 18744 00770 39336
64422 26438 21030 49486 58946 15491 36255 14392 22197 99477
65473 59930 12246 87193 19821 52592 90622 06669 16376 37414
55730 91002 01079 21323 03310 99450 47922 37826 93651 72206
26594 53991 30224 42305 55765 05639 79416 53102 84218 71706
86088 54749 66982 23705 64603 78113 28685 11209 70033 09578
31292 69320 79240 15155 88435 59048 36492 87355 93508 76524
43329 13252 53712 92015 97349 87160 47257 04655 09614 16405
45889 23824 55343 93570 69935 13153 37610 33710 68061 24578
57250 00000 00000 +++++ +++++

22936 kHz, 24-05, 0002 UTC / 20331 kHz, 24-05, 0010 UTC / 17471 kHz, 24-05, 0020 UTC
17532 kHz, 24-05, 0100 UTC / 16351 kHz, 24-05, 0110 UTC / 14428 kHz, 24-05, 0120 UTC

02516 83875 39709 33495 47820 32860 82388 62933 11452 14372
12463 54699 21281 38725 11364 40235 30978 31586 68914 51158
86105 33133 22903 35854 00838 50448 64762 06643 87522 74058
66055 90938 06264 94584 05445 84863 26699 80417 00840 32727
19189 02374 76409 80834 17574 16252 19140 79039 20709 39251
04639 28494 24951 81156 96855 99021 04792 16264 51424 64566
83826 06957 77299 30135 63236 14877 36386 48686 99981 60641
85844 51400 51888 18023 92752 39759 31816 53542 75827 12888
38098 47412 53878 28581 53433 56761 05691 21463 29430 07085
71018 26709 98975 22853 47384 82776 83627 33218 62355 11573
88213 13753 26014 99505 99822 50174 93268 27846 33380 34957
90739 25848 90993 32815 87860 45060 27254 75951 16924 78263
37680 75047 71728 71476 12499 56893 39530 02465 22943 64634
45987 24196 32251 81538 17770 96662 48574 64246 92545 55534
61949 96423 31003 91054 32557 98766 10627 35634 22425 56293
05887 83570 87781 48848 84545 91334 74239 95782 74770 31863
81999 50715 82726 01287 93263 07344 65349 01549 79038 02218
87981 47322 27523 25428 21558 70701 61264 75139 59030 22068
35274 16914 55720 90595 33287 33751 23278 92817 04349 77789
31951 02697 06928 59612 00835 21645 52733 36078 80800 11905
67425 82631 59789 41772 10410 61021 45153 16045 20900 18366
02736 90188 82438 78505 57379 91610 23061 11578 84543 96515
93294 92747 47729 35756 89171 86041 61382 28126 12455 14215
83983 64537 85255 00593 70994 91508 61233 93815 42355 67406
00565 11441 44222 89886 00869 63321 09631 17952 01281 40716
47773 37087 01855 82048 16574 40891 65484 51277 58254 27654
94534 89788 02573 35312 99362 27769 67434 63218 00929 65988
11539 54168 58272 00000 00000 +++++

22936 kHz, 25-05, 0002 UTC / 20331 kHz, 25-05, 0010 UTC / 17471 kHz, 25-05, 0020 UTC
17532 kHz, 25-05, 0100 UTC / 16351 kHz, 25-05, 0110 UTC / 14428 kHz, 25-05, 0120 UTC

73391 43301 66361 35871 12676 59137 09323 03077 78187 71515
82309 58554 83583 14995 64538 05489 55308 49421 68302 45651
78763 59482 80493 05765 23856 51236 88987 88173 92138 56544
48582 19284 52717 81361 66171 94178 59114 58802 09842 40874
64277 92934 71593 52638 75920 04234 38347 61807 19381 12633
50951 53557 00193 19106 55858 43037 83540 71731 79169 64336
32810 27153 77722 44693 74397 43404 46927 62396 80981 65003
90018 11823 90436 86281 78430 24036 02582 03865 57960 16387
20945 94254 80434 69559 31736 77448 65538 55495 37219 52527
22518 64634 85656 16155 86425 05905 65032 99924 48608 77913
52728 87495 86120 34758 38343 97443 19751 94904 61846 42781
55347 66577 34253 03063 88135 88080 33001 70044 74706 06506
89224 52792 02371 43252 09112 53224 10568 19801 96532 47981

44004 42184 69117 37593 42226 67576 84984 48869 95298 01461
22306 01439 20292 98791 78876 74397 38253 67603 83907 33990
56347 98497 39203 08257 84877 68441 31925 19600 43839 92327
86123 11194 38719 20722 45224 28176 10228 07240 02666 39570
87629 93985 22863 11858 00390 88506 19694 70160 27794 30676
84686 07945 91260 72962 82114 31212 19001 22513 53156 48082
37739 18491 96339 39747 71167 43106 16437 73685 49830 89769
58999 45118 62113 36822 72735 57619 01047 00261 66897 78814
86581 63906 55883 32133 68056 10455 08228 10513 36515 01842
42177 23034 01584 82361 35033 10385 12579 02975 38457 90122
28551 90252 16914 17652 66930 08378 51451 73867 85484 87655
75994 15389 77250 17965 38355 48337 83159 30591 03128 11578
52008 16865 38672 80380 02498 57071 55362 26417 66991 58032
87296 95055 21719 22837 34649 85868 33075 01119 08851 47308
74735 93353 47801 21471 95246 07588 93270 99904 59278 00000
00000 +++++

22936 kHz, 26-05, 0002 UTC

20331 kHz, 26-05, 0010 UTC. A few intermittent bursts of F01 signal tuning up late mid-message, then nothing

17471 kHz, 26-05, 0020 UTC

17532 kHz, 26-05, 0100 UTC / 16351 kHz, 26-05, 0110 UTC / 14428 kHz, 26-05, 0120 UTC

92777 39995 37533 99705 44038 63349 24635 62148 67382 18052
99657 02931 90163 78918 01997 20564 87619 10601 72165 78924
60656 00219 33727 10645 21532 29546 72973 09270 23394 66438
14798 02368 94594 80181 18200 22796 63739 10453 39847 20282
86386 44589 39153 80542 09349 82838 23290 44093 33526 96287
55578 41967 61221 07155 75695 90501 38849 46132 05143 12408
31009 66464 36395 76286 86835 19459 29185 71794 84568 21105
62353 62642 65293 64489 14702 84608 91767 57714 73287 80764
93288 91973 92594 91092 82536 69505 53029 38686 55320 46089
92157 79715 09176 67786 07147 09362 41753 06596 51824 40881
14912 24737 76810 00009 95497 22223 86154 01886 08698 47429
08908 02685 64940 75329 09081 43136 46269 83104 82414 26132
63121 77795 13401 95604 17454 55694 91007 08857 33163 98169
06516 19543 39718 33592 81935 13471 19956 20073 02425 64441
57977 28681 51136 02274 48079 31844 69967 10242 50651 26605
94600 94087 05990 47437 37317 89797 41962 48292 15991 02348
36445 58573 52719 92582 20498 42727 90510 54435 33186 18133
01488 49656 64010 10979 85019 92262 43865 54813 79244 99869
70472 61467 34400 54113 79227 19018 21412 37332 95384 96494
74175 37721 28540 60011 88957 40116 95325 30011 29378 44615
81270 34312 10383 80222 77759 36643 59665 05697 55019 45349
79966 14791 57090 31967 60687 88080 29695 14351 12258 58557
16967 84030 21701 83179 87949 82500 52818 37570 78836 56124
39444 76041 61853 44331 45212 24147 76751 80809 88246 95932
85826 12375 54251 53087 38420 65192 46399 48175 55819 13063
45485 19135 72516 27439 78770 27235 94741 60257 00000 00000
+++++

22936 kHz, 27-05, 0002 UTC / 20331 kHz, 27-05, 0010 UTC / 17471 kHz, 27-05, 0020 UTC

17532 kHz, 27-05, 0100 UTC / 16351 kHz, 27-05, 0110 UTC / 14428 kHz, 27-05, 0120 UTC

09014 12433 42388 19179 76818 51442 71649 07951 89943 48051
32949 22421 85643 60771 55048 62421 18230 11912 78279 48537
60233 87161 21192 99079 06019 47369 08233 12233 01264 69732
44397 83061 46764 60551 47789 10079 49991 06768 76036 71037
22840 58447 07480 72661 49000 59421 63094 03984 69409 68243
80067 47983 59189 36682 72972 31212 94542 37907 43480 16104
33016 61581 24542 65634 55584 18025 69985 35046 43989 18657
25451 70295 91768 24888 41623 17941 72412 82661 15677 76136
13089 84826 71886 41426 47372 28527 17333 31028 45412 59800
33647 85294 44983 22570 90721 80036 31849 54225 93337 03395

42882 94959 96638 76952 90370 03073 51384 25775 30964 93420
64931 27059 27673 41191 88878 92086 78381 18202 69299 61161
09298 53904 20517 16229 56782 38283 08351 40854 85995 08839
53772 82250 19801 88836 92907 95049 76348 69014 54326 71494
38805 49937 39557 87746 05632 87177 17752 20998 94883 06525
70462 17061 00934 81390 47439 13144 27092 89616 19412 45488
42524 91862 38776 96553 36941 98762 44127 61439 71467 19040
69580 38240 49143 05764 44815 72005 53494 42940 96775 07005
28602 39626 88973 26983 99116 23740 59322 88085 53653 52777
42447 74150 39995 83605 87400 29054 45560 68524 06732 45788
61554 69786 17836 16969 54254 09765 62528 76453 91855 98945
15779 86765 00327 08948 19546 52002 46706 82746 02639 60916
73271 99287 72560 89866 31034 34692 90258 20318 85978 87220
63717 50574 96500 58205 21347 06445 85472 06118 51083 80521
55369 15972 16159 54750 19909 51247 83457 86001 50622 80518
25423 59309 61813 95981 81420 38473 82327 66055 89523 68719
87577 89263 24641 11086 90257 41560 03929 13250 13195 34313
45430 46454 92754 25110 90869 63241 86260 48589 28548 55678
81849 59474 77272 18750 34208 05004 17256 48621 74625 68945
78935 30448 68801 54376 25623 95428 20842 97425 90959 51776
46883 29152 57078 19307 66793 27765 84431 22334 87359 28357
29219 20541 75433 82346 09346 82536 44446 83813 04861 31771
02740 04920 03793 19506 37160 07597 29348 61327 00000 00000
+++++ +++++ +++++

22936 kHz, 28-05, 0000 UTC

22936 kHz, 28-05, 0010 UTC. No retuning after previous TX, cut off mid-message at 0012z

20331 kHz, 28-05, 0012 UTC. Abrupt dramatic reduction in signal power at 0013z

17471 kHz, 28-05, 0020 UTC

17532 kHz, 28-05, 0100 UTC / 16351 kHz, 28-05, 0110 UTC / 14428 kHz, 28-05, 0120 UTC

90568 18019 75116 85424 14130 33725 88352 51222 71575 15109
25314 82619 43456 58641 11977 02641 85584 21887 03622 99965
77766 60877 40441 50728 51525 62502 78247 15800 95272 64108
55213 18247 60357 77491 80586 30659 16429 59473 56318 27014
29559 96241 67530 78800 61549 93658 02777 00047 13872 90698
90019 70978 64674 38234 59274 94964 72290 10328 67845 68464
43689 40241 49099 68637 91305 98328 70711 88323 26689 54025
13320 73079 64397 89090 05532 39936 34597 54324 76211 82603
27776 86909 09991 92771 20035 30605 16941 52218 52375 25943
52342 75410 62434 62645 47490 07272 92093 11426 37470 05821
19407 77377 96843 64356 88285 42129 19188 52881 34364 86963
01411 83453 30507 14071 18798 29151 00378 08142 01710 51332
73505 05477 49890 14896 80304 62804 45296 96199 10461 42992
49406 13363 83147 59840 95941 33598 02480 49144 14932 37300
96676 58215 49065 43550 64338 71047 48263 26735 76296 11311
53413 78966 06470 90371 05204 97992 90157 92511 38988 05283
33214 14549 51623 23973 20533 02037 51225 71366 97301 49233
25759 45671 21427 55029 91428 11662 10604 52017 06774 14956
32446 50893 63445 79589 11120 67384 89559 68585 48917 23874
26600 12193 86217 42928 65790 33489 48252 74901 54869 26039
52132 26810 11228 63285 72566 84669 02315 44367 89703 46468
79279 06056 67546 07978 74762 55484 36367 68581 00797 03371
77565 49311 07731 02417 34402 40278 90135 20562 97053 19682
50613 03806 35417 11598 57458 08245 78110 74711 57104 06059
61096 39205 27289 95092 94376 33969 81883 66746 20190 71343
63317 11859 61149 81554 83539 69251 81759 14055 99453 46654
11749 47938 33756 68666 04663 78633 77134 31466 30136 73043
32738 68940 23306 10341 88877 59933 39781 50584 30890 31284
89626 98364 28085 36370 48778 53650 56748 13810 71342 67031
45098 56039 51213 41544 51162 42435 06440 48265 09502 62299
00000 00000 +++++

22936 kHz, 31-05, 0002 UTC / 20331 kHz, 31-05, 0010 UTC / 17471 kHz, 31-05, 0020 UTC
17532 kHz, 31-05, 0100 UTC
16351 kHz, 31-05, 0110 UTC. Cut off mid-message at 0111 UTC
14428 kHz, 31-05, 0120 UTC

72630 88656 47336 53724 76804 03884 02587 62176 63172 71800
00195 28520 27321 59279 94222 96572 30887 62275 78289 78648
31510 24328 21824 55551 76547 73905 00547 47763 52756 41543
25889 81255 09111 42690 03013 96369 94955 37233 72142 73206
80680 01605 12877 71943 53097 74433 16184 11548 02717 61661
53748 35294 45102 12081 99383 36538 43497 99208 82173 43186
24907 70449 76037 84288 06827 49487 55415 87203 76801 02825
71754 78760 92002 06436 30474 88869 91015 73437 73117 80004
35020 28747 94360 51010 20552 41641 48573 88654 31037 52167
25619 65376 19276 52341 00582 06667 38082 08058 87102 76505
61246 32677 49020 54315 62019 48194 49996 01844 41307 94951
45824 43434 22755 75823 49089 08110 56919 45807 20891 06908
01703 82966 69298 43912 71250 01658 59227 84411 70490 93977
63442 28620 57504 10373 09345 64409 00923 15345 01265 97476
24516 79197 22913 82391 56193 91745 49709 02966 23577 08942
25653 75367 63344 68351 84438 72433 36532 34404 19491 92609
66978 59382 32614 21953 45107 71054 15951 62643 64218 22915
46914 26438 81498 67960 00808 16493 20918 41932 10808 46016
60209 66971 29986 67166 69123 11629 75082 08644 91133 68145
56701 45408 85787 32970 25614 48971 73893 01429 89869 91681
52724 12494 82390 03462 73425 04587 83745 04417 97823 68361
29785 61760 76814 07384 58827 44500 17514 42670 78081 74306
31381 22010 54002 96018 80469 20003 56247 16207 64019 39766
09947 83249 12571 52232 35953 07346 81778 33987 83772 43906
63121 89577 86853 88760 53702 69228 94928 58624 52303 17910
63102 55251 73912 16689 02347 36713 99887 02304 21132 44252
05950 75896 12840 58136 35201 36845 68675 80948 08351 02633
20752 71764 88330 00685 45037 79640 41494 43118 78855 49860
62588 20342 32621 01367 55679 74435 00503 98826 88220 38259
99699 67763 60463 51214 93018 26192 57370 87610 74439 31190
75251 63301 00000 00000 +++++ +++++

F06 – FSK 200/1000

Link 00000

12211 kHz, 22-05, 1405 UTC

11100 00000 92367 21035 02399 ... 33755 86613 52370 00000 00000

Link 00052

15784/13849/11646 kHz, 12-05/13-05, 0800/0810/0820 UTC

11166 00052 78541 12084 02529
79890 92388 28443 72836 21968 61299 40516 45309 36120 67017
24755 14579 53277 39233 79101 92786 77367 28358 85177 10865
33511 74047 19653 19140 83168 07809 36032 39982 87495 56873
52776 52206 48055 41533 08724 11886 29665 83116 71721 39288
13808 64797 11423 26603 56049 12424 72184 46172 45893 87556
06992 63878 92519 09895 58364 87410 84835 51292 97165 04074
99280 68537 55266 87836 53828 67094 12986 80312 31609 12983
27260 75342 22605 34999 11473 61886 56849 84446 02878 04901
27558 44578 78561 68894 27655 06936 05874 13841 48100 56767
38277 18150 11480 34715 92529 08369 39286 66961 68169 00321
76322 81015 95205 81342 20680 49340 20986 88334 32715 27992
72147 61294 21470 82465 52609 77024 31969 17941 63539 92705
81836 56107 56229 54025 20663 25756 53812 47531 10570 59333
02778 01927 51391 12640 40195 67968 98937 49849 87607 31669
49749 61067 07520 40486 90800 04577 83419 47190 37579 90994

09277 01093 08982 51495 99445 41326 12464 57319 54922 71864
37881 82725 46877 22961 83463 28596 03426 28715 62346 48867
10543 75421 63114 46989 63083 00423 62784 34581 26840 46128
15666 69491 97566 98900 66535 15431 67916 67492 61575 90381
38229 80720 55486 95963 32096 09066 38249 44936 02660 39888
29936 29048 40561 60938 17036 94388 19492 31865 28717 16461
40280 48387 76468 92141 59451 28842 05561 90722 13191 77774
31755 31229 72666 06266 61712 78183 91625 13695 20521 73025
32221 60605 34801 43357 79994 87376 44804 57208 83958 58383
43958 14510 82712 36328 69293 92964 02536 16443 91180 90494
84250 00000

15784/13849/11646 kHz, 26-05/27-05, 0800/0810/0820 UTC

11166 00052 15963 26085 01859
17421 67296 65128 96391 87370 61309 79853 10017 36120 54477
08099 00284 20577 38837 38832 30941 20444 79177 86109 97838
20661 74827 66761 61074 76477 50831 25039 12004 70135 20719
15182 29802 12427 88032 77822 07262 90438 78816 71186 50522
84935 22250 43007 82404 05797 21615 54103 04050 18966 82781
89556 94551 63341 92397 18421 53257 81038 62974 87905 14432
09480 87061 62969 88979 08726 67677 47263 12898 22509 17211
46352 07160 96390 41956 59170 78707 01484 54489 08624 17250
37184 81054 47302 67542 11336 56166 99218 81853 21284 21602
23524 82281 84236 71974 11133 87631 90387 14079 50195 84527
77220 32193 21353 47447 48454 76524 08724 37376 86045 16987
37536 33761 28698 29500 74372 79445 15316 06991 50939 43287
16829 12297 97311 30142 04845 15143 95596 92885 30545 80398
89926 26190 12277 99776 13755 46712 55275 84194 20367 89403
51949 58951 27548 74617 36172 28937 12358 25707 90014 06041
16930 41795 26353 15955 51250 55411 95802 26566 03849 29680
91392 65111 96328 74739 49442 16288 42687 88098 70063 18519
99360 48594 05727 00536 16929 18663 91332 25497 29410 34586
14229 34797 42100 85183 00000

Link 10053

19323/17536/14356 kHz, 02-05, 1530/1540/1550 UTC

11166 10053 13579 02001 00049 00000 00000 00000 00000

19323/17536/14356 kHz, 09-05, 1530/1540/1550 UTC

11166 10053 45689 09021 00049 00000 00000 00000 00000

19323/17536/14356 kHz, 16-05, 1530/1540/1550 UTC

11166 10053 78541 16001 00049 00000 00000 00000 00000

19323/17536/14356 kHz, 23-05, 1530/1540/1550 UTC

11166 10053 15936 23001 00049 00000 00000 00000 00000

19323/17536/14356 kHz, 30-05, 1530/1540/1550 UTC

11166 10053 15973 30001 00049 00000 00000 00000 00000

19214/17419/14443 kHz, 04-05, 1650/1700/1710 UTC

11166 10053 78541 04001 00049 00000 00000 00000 00000

19214/17419/14443 kHz, 11-05, 1650/1700/1710 UTC

11166 10053 78541 04001 00049 00000 00000 00000 00000

19214/17419/14443 kHz, 18-05, 1650/1700/1710 UTC

10053 14789 18001 00049 00000 00000 00000 00000

19214/17419/14443 kHz, 25-05, 1650/1700/1710 UTC

11166 10053 17935 25001 00049 00000 00000 00000 00000

17420/15673/13361 kHz, 05-05/06-05, 0600/0610/0620 UTC

11166 40122 15978 01046 04779
30681 14786 28749 71553 04453 57979 69022 57641 74423 85088
88813 67576 27711 13230 56299 30197 23316 86498 12433 27691
34275 55501 12374 21478 70774 61677 90837 97702 01413 12343
81056 80808 14786 57392 42048 88606 88600 03599 73863 27293
58493 27449 25520 49836 03735 72455 25291 26188 92033 41870
88046 98745 50591 22753 79337 21511 55625 02325 40901 06362
57535 62536 07279 24915 83897 63807 68241 39369 87485 53858
56692 60804 31486 62571 66756 58355 29125 68838 31726 67699
79860 50303 16562 72303 69357 51964 04628 55855 25413 34555
83352 49332 47024 88649 58512 21129 48797 25427 51799 83691
87861 80034 61391 15096 65509 88489 90194 19001 20712 24045
71443 71419 57729 03972 46357 27744 74986 02692 73535 88464
87401 32185 74774 47010 59372 75632 47000 68167 90573 85205
95003 70487 21798 79968 64658 11152 52983 04801 81321 96701
90644 36306 23091 68096 66890 46615 83620 33514 97200 61056
04164 47353 69167 70593 79556 58857 79378 84994 67799 78811
60633 37663 57950 37733 66675 78059 76002 34018 06638 12666
33435 95450 46379 80413 48133 02543 18902 73532 92352 47120
11038 39741 47428 24599 18598 26720 69904 83396 87159 54811
98777 79904 80690 28881 58547 12467 45185 25274 37745 32803
59519 14805 47647 58300 90688 07723 90843 33634 95636 31588
94369 15133 36846 77992 87057 76342 03894 79068 25835 58211
58142 99717 00618 12352 42774 56504 72514 10791 25333 99138
25021 20680 64983 15504 32879 67368 21655 46151 78310 34305
49280 19205 69295 73183 40289 41617 39592 22785 13568 07705
35178 59952 63067 10913 16811 31122 09227 69737 33385 37867
20438 03742 45777 74880 96699 20610 05869 43834 32675 00179
20433 91557 02330 86372 54571 45967 32338 22986 54383 48193
56447 94256 93575 04329 67984 56158 73665 05246 12701 69351
32503 87922 89129 69735 40771 36703 48650 37532 91162 47939
12457 50848 09924 06452 47596 34641 45446 47241 69282 41033
13599 00895 61668 21917 04482 46113 34261 79778 80299 17817
56164 07677 19028 44246 35350 54334 83576 11505 35130 75242
21123 78987 45022 55764 22308 94112 48201 17122 94986 79826
52719 41253 32216 93277 78683 75437 79164 79141 18573 02658
28643 65990 12895 88608 99927 79188 08357 41315 80577 68708
90745 44277 35923 75345 09703 49094 15923 83728 37579 38492
14068 35604 29561 95704 58024 01798 77254 41135 36703 36311
72909 22246 93440 60985 26483 67601 39987 54162 02716 41017
70969 41798 70416 56732 83547 14443 81146 41568 31918 18547
19479 54988 71378 95518 92032 03008 71627 66967 47457 06887
03989 89583 44574 12554 32249 28081 10835 51676 61800 19645
58307 90342 26763 28318 49374 26267 19796 12771 29311 20479
94256 55881 67960 74411 93420 29579 77668 88346 86441 93365
99680 62135 15727 49981 76181 24156 85436 06623 50164 99413
45775 15175 60326 52755 52780 89879 23164 68104 08279 25884
19467 49681 09713 67106 27396 56124 64508 96852 69320 03465
48694 49632 64625 97882 14435 46475 00000

17420/15673/13361 kHz, 12-05/13-05, 0600/0610/0620 UTC

11166 40122 75382 08047 03119
80059 94655 39091 08692 69623 42944 98017 66429 52250 17872
42070 36009 57970 91733 18442 56988 77512 57895 67565 74572
27118 23606 30945 97521 31807 95104 20408 63181 44298 40940
78481 58082 41755 44458 84558 67543 67548 81377 86558 52720
10234 83416 62761 78521 36917 73873 43504 40855 23206 86129
47436 66619 46927 01001 11996 84890 37806 63861 22833 92732
00286 67508 71828 64081 51679 11670 98425 75131 42845 75122
93942 44654 53565 61339 73564 12710 79816 03606 45696 06168

55133 40558 33370 64476 73227 98055 27387 24136 04073 38349
75886 85291 20634 62463 40027 08895 78422 76748 70474 17868
15081 59519 84367 00716 62161 88736 47466 41006 86314 16663
91166 21176 02044 02418 19058 74087 23243 38393 82721 80774
45682 31447 31461 37821 77645 24819 65635 42801 60889 71713
48301 71230 49135 96467 54841 43451 36256 04270 65265 04900
51369 25336 28879 68191 62996 04509 56000 90460 59509 72194
16416 84384 98023 57595 49262 86342 38935 30148 14021 30146
08296 80145 37313 99757 55201 74434 35187 59469 96393 48159
15572 84945 65251 18480 90607 43590 07363 31193 53511 97665
89876 76207 99696 28604 16797 32797 96805 05942 67430 30587
33364 49332 00170 37190 00731 57049 88784 08445 88037 99441
83430 62190 94809 00760 13545 61512 90939 57807 74830 18398
78717 68835 67506 53738 36605 71137 78014 74619 49422 10767
21371 54834 54659 92830 86354 29552 59585 85769 50704 40088
08842 78101 58536 89710 07215 11023 77145 96414 27275 35344
75395 53609 56558 66164 90872 34658 63993 33748 78003 02190
90252 54028 54309 08151 91713 67170 87002 95500 92723 17646
87088 37517 25857 74246 03193 75629 64835 13476 32262 41727
79826 14761 89367 75878 69784 40909 03762 75399 51528 02266
33401 36200 10253 27999 15110 72360 41144 92945 92579 24869
36804 73464 89382 95446 00156 30734 19194 66419 87531 44923
50416 92555 11619 48683 67370 75818 58960 33390 95272 47309
00000

11166 40122 36985 08048 02629
01688 26580 81158 98902 08189 64014 47950 05851 82382 04812
63866 59049 86294 63077 94339 35151 25622 54486 28648 10114
02978 81230 98439 20568 68490 03798 30338 95604 22462 72988
99817 94894 49761 20642 78538 14114 90640 32472 92319 43568
77673 51487 31952 90999 93479 85399 84028 04473 28953 16487
73973 56311 46659 37329 38480 73994 79089 60853 69519 28973
16478 78151 97120 19327 63851 62468 03117 07212 72000 42833
83020 97025 72071 95751 98242 65237 68453 28405 85829 77811
69658 51783 17903 56170 61874 67208 27995 77626 54878 14664
46472 21226 55011 56385 12219 94938 44876 94135 52782 05139
74473 43620 50167 54296 93445 14451 34453 77845 79124 69133
72435 56132 40059 59483 43479 62414 99733 63923 19756 32820
90133 74102 93071 69225 09875 04259 15460 10976 26562 21786
45735 36396 28076 22418 19188 80016 52478 98487 82611 76467
51212 73685 61852 66962 65289 02758 54061 29327 19161 59591
61846 17492 61942 62105 11501 21396 10696 07405 22506 83246
75448 15620 20489 31051 70637 05876 10822 15385 42662 52832
55061 60309 68249 97224 17397 64390 03297 08842 73317 12757
86891 25391 97661 86122 30203 15674 74258 77726 44912 40519
94331 54120 90890 09903 35868 20732 47800 59702 41121 78163
40303 96515 34454 80141 71582 83977 47700 29069 44839 69031
45230 70111 77474 71564 65911 69753 37629 85869 24154 89767
57775 67358 37224 92531 05053 02963 71012 38629 13019 88672
21450 62674 04521 62629 73757 38294 60368 67233 06705 68212
13491 38685 34093 60364 73270 47415 00615 75990 09745 37816
74309 60631 52350 40742 02781 93975 82913 57191 25371 19497
48260 00000

17420/15673/13361 kHz, 19-05, 0600/0610/0620 UTC

11166 40122 46972 19069 00049 00000 00000 00000 00000

17420/15673/13361 kHz, 26-05/27-05, 0600/0610/0620 UTC

11166 40122 29317 22049 03359
36503 58539 88938 45563 94527 07045 25610 10865 86901 79003
39659 71441 36652 38162 67869 76419 90457 98168 54717 04409
97501 60573 61156 01171 66543 43951 28967 95111 12152 58824
74109 57803 26040 08068 07516 01701 34431 17496 06769 32264

27396 26309 87087 96659 71105 92094 45071 96224 38927 90061
73639 54899 22306 11206 71590 60791 07374 89082 96232 23086
28209 09889 32526 11465 32705 85522 77146 70234 21966 94329
60952 24354 49175 19202 58246 19538 88881 37736 56306 63634
12623 44127 83600 61457 31846 07487 20131 60261 94033 96273
38347 48056 43012 23529 48065 71928 79338 92600 43815 68586
81729 48031 78089 24281 75469 61330 08886 06325 58717 06275
95018 33373 22668 03469 37614 76659 26499 38808 91237 09384
13036 85579 93090 46424 76081 84842 83701 41575 15341 63809
17568 34486 39882 96899 87173 64502 06072 39156 08819 93579
00914 86713 43715 05476 06744 44000 52757 73393 08207 02376
08436 13273 27452 59870 12307 64908 98495 36735 91475 68096
16676 66471 72513 25980 24146 67045 56256 72789 17336 21957
41919 88174 87332 25865 73966 25292 29096 74451 10173 44860
80472 03205 34309 72355 76919 04827 61900 20537 32901 79927
12488 44499 85872 00721 46824 21423 63805 92391 92456 72227
62181 61817 06124 67296 41400 28356 46405 83484 80533 36362
55061 04573 48362 54127 70505 82371 77636 88941 21841 00651
53503 72952 76900 09100 52019 99505 42732 19486 89707 14674
41952 81209 70086 93638 13432 78440 38104 56626 10725 16027
78426 04085 96687 86357 18504 75782 57735 34373 22365 63522
86157 62903 86071 32155 03942 45529 70766 28584 26534 39151
34262 83441 89985 13447 47093 35133 89906 39418 03995 30927
05684 04205 66708 84786 08381 44351 99088 96627 75772 14725
80427 62686 62945 35262 07938 31693 01899 82731 24331 86527
28590 19712 31441 56055 60860 77958 75808 86825 75671 38352
17185 29321 59101 74618 15874 18444 27530 53006 99870 52927
43452 05106 97711 03366 74359 16005 47995 03538 68122 94959
21488 04721 43321 20776 16779 97686 17944 79079 15399 32053
24913 33677 07349 49333 00000

Link 60070

11126/10292/9240 kHz, 11-05, 0030/0040/0050 UTC

11166 60070 92436 11001 00049 00000 00000 00000 00000

11126/10292/9240 kHz, 18-05, 0030/0040/0050 UTC

11166 60070 79641 18001 00049 00000 00000 00000 00000

11126/10292/9240 kHz, 25-05, 0030/0040/0050 UTC

11166 60070 78541 25001 00049 00000 00000 00000 00000

Link 60146

PACIFIC REPORT

13370 kHz, 11-05, 0200 UTC / 11538 kHz, 11-05, 0210 UTC / 10614 kHz, 11-05, 0220 UTC

11563 kHz, 11-05, 0300 UTC / 10216 kHz, 11-05, 0310 UTC / 9417 kHz, 11-05, 0320 UTC

11166 60146 00000 11049 02919
90685 53442 28862 49519 72483 20073 18860 26993 13584 75779
56136 45675 61343 50684 32981 50379 31702 58839 66400 34908
12497 08543 18478 87579 09842 28000 93385 20053 11013 73487
46998 59144 62274 12237 70045 06318 85083 97210 30726 94539
79108 75954 87742 97183 85510 00726 09680 68674 08904 32074
61669 21554 21455 53072 45274 69668 97542 36370 02536 92148
52424 31280 20120 97882 83343 63056 94493 95159 36515 61580
44080 96185 48430 61620 79318 11142 34909 41865 66574 11483
26351 94910 46837 67166 72609 45397 95134 87486 65938 58472
31612 20218 55437 05775 20208 88740 51437 81131 15866 71843
43272 83139 46214 55893 78861 06837 38664 14049 79546 11638
28848 92221 88618 57736 11345 06450 76982 28133 18632 81402
54373 78520 39194 84667 59591 82164 10728 36541 28166 62007
49384 99980 60908 27160 00985 80437 41777 55975 25144 90220
78492 92895 48245 57116 64349 51251 46195 81921 84660 39208
42903 74597 16253 51045 35428 23718 93486 90954 81705 78916

39199 21540 11833 50995 84039 54223 48807 59406 22613 23722
49682 81783 79878 13798 03076 85209 86245 26469 43954 43911
84790 11861 71647 73064 19045 00888 82017 33402 74787 07963
49731 86315 74272 95899 21560 04121 46346 20228 06663 65198
20869 95073 74766 88674 20900 47819 98208 88353 51071 54715
98750 50561 05583 74643 85124 65609 44281 23202 92234 67564
10220 54318 57956 61996 87182 41568 98474 46407 20569 76380
68093 53026 50107 25341 14448 68647 27815 13746 65078 11215
19654 27629 06277 67825 14312 51421 40160 23852 87553 83453
30908 37863 95571 96466 76094 42031 95786 35339 64049 72715
18512 69203 03204 60916 37952 40146 34339 37265 15943 75678
61680 31269 16885 57159 63783 69470 17312 61371 70138 02223
58518 17421 14435 13769 15696 46161 00424 95303 82006 49289
00000

13370 kHz, 12-05, 0200 UTC / 11538 kHz, 12-05, 0210 UTC / 10614 kHz, 12-05, 0220 UTC
11563 kHz, 12-05, 0300 UTC / 10216 kHz, 12-05, 0310 UTC / 9417 kHz, 12-05, 0320 UTC

11166 60146 00000 12050 02849
15469 68388 63959 02964 60093 63146 24750 85941 90334 92168
64309 82847 04685 84413 84933 67634 60291 37508 09203 00450
69093 42178 20897 25940 58119 27480 09907 91587 29877 06526
19593 78236 83789 27375 20025 60031 84592 58803 55529 35924
88648 65602 39996 99961 64106 53141 98382 42517 65845 85834
77832 99681 51144 09231 76873 92973 47010 30406 66112 26578
05101 36340 98875 34285 05187 54967 35224 93330 93088 88594
27788 47312 64011 74373 42856 05377 27247 51498 15151 09869
13142 39843 59739 89617 08298 59705 89509 41059 29935 47350
11643 04381 75345 46046 01539 26865 07383 77272 77610 30635
61933 21798 25403 26979 88285 65295 44457 44444 58352 88211
16376 62891 05683 04553 17510 70684 80189 79283 24711 87227
29538 79031 87598 18003 43137 35777 65753 34333 19662 28217
54301 95025 44046 10499 46309 52108 84894 42994 05433 07825
48229 04822 47263 15096 48536 92790 52790 38623 83018 36457
62447 18818 20026 83982 24143 05761 37567 38479 93753 55357
72870 49535 11475 04900 68907 89597 02507 70198 28827 69909
75478 31492 14250 75682 17076 00311 48329 25201 06293 84484
09547 82534 96746 93485 27167 78549 40503 51284 14287 19914
51836 08921 99419 90776 34374 73965 42557 76807 20057 99059
46634 66291 93349 96733 00347 07958 99142 72672 13252 30238
57789 94634 29096 51633 35705 39196 28293 36889 44966 83517
55509 78650 70359 34318 33281 09300 47302 11244 47603 72652
39086 26814 16428 10206 86867 30148 77014 41627 30853 06632
53060 44167 26116 50749 87554 60684 01477 54228 52298 90971
34884 76715 70012 46075 43744 91155 09989 70280 13627 21068
43211 60470 13780 11898 67883 37528 72913 03647 41312 49481
13660 96952 79067 11070 69170 29820 07370 09432 30280 07175
11616 04345 50282 00000

13370 kHz, 13-05, 0200 UTC / 11538 kHz, 13-05, 0210 UTC / 10614 kHz, 13-05, 0220 UTC
11563 kHz, 13-05, 0300 UTC / 10216 kHz, 13-05, 0310 UTC / 9417 kHz, 13-05, 0320 UTC

11166 60146 00000 13051 02909
46987 23455 52466 65382 66757 70029 55516 89229 17557 24716
46742 06129 64768 68796 79417 91692 07726 80259 25087 86727
40862 58295 89845 47372 48162 14315 63138 57833 10606 27895
91261 66664 31281 91108 92765 32507 07862 89674 57933 90247
07145 94354 99532 73522 21308 61044 47021 54506 10613 62997
01405 86922 62208 03608 92913 63215 19739 83204 08714 21822
63442 18281 82811 65469 45420 36609 65364 76461 09776 96661
13566 39859 52296 04801 71300 10517 99381 28644 29763 84904
10893 30070 86212 63647 36617 66285 43063 15733 81028 32397
14497 80305 56045 43925 32779 67008 26455 82697 71471 40788
77709 54553 27723 02114 60762 32312 30835 98544 93655 82422

69281 28578 24522 98749 53374 23727 85707 91921 55758 19754
93688 07682 96930 53000 74486 72686 67959 42754 19246 91178
07608 45592 99688 40973 76027 92625 98108 42208 92232 45600
31609 97271 27526 32780 75267 25374 72067 50547 13911 40172
16780 41674 77189 43909 17771 86182 37650 36486 35460 65741
76466 62918 65606 87540 46552 47609 04414 78568 87710 88870
14907 86243 73532 12142 86760 46326 94708 05338 06783 04057
08470 84755 82219 99449 08815 64993 84084 52691 97232 31307
02699 10567 58601 37847 32613 39863 71947 80210 29131 78680
10757 15745 03581 81593 12527 30050 49561 19596 22237 73103
17322 20766 39442 13452 78479 62599 23658 83909 48253 51929
37743 17197 57407 53391 33949 94955 91087 52353 12338 58588
36738 63263 06250 55338 08292 19335 74509 18074 38815 04529
05058 02194 58798 13750 59695 28106 02276 52204 14629 02698
07969 09860 76504 18263 07632 71934 78621 52299 18800 51365
86998 16619 84107 54177 71002 29221 24388 13712 18209 07352
97724 54630 98187 05194 81641 72644 04911 44621 20639 40909
32445 12458 06237 79010 63651 22679 81728 45484 51288 00000

13370 kHz, 14-05, 0200 UTC / 11538 kHz, 14-05, 0210 UTC / 10614 kHz, 14-05, 0220 UTC
11563 kHz, 14-05, 0300 UTC
10216 kHz, 14-05, 0310 UTC. Signal interruption during transmission
9417 kHz, 14-05, 0320 UTC

11166 60146 00000 14052 02749
96970 87867 29022 05662 55839 29701 79460 83246 65920 66983
80609 64541 59417 15973 65007 43465 37050 10910 32060 33038
18881 01890 56139 99633 84300 98529 23690 42236 37105 39130
97767 08925 56617 90007 33470 67731 20777 04696 92671 74097
12135 97688 31517 02092 42706 12433 59112 31585 58600 88241
90832 08574 10377 55812 44706 20829 00058 16063 54298 56075
40748 81943 96536 34865 89775 87925 57917 35354 41316 96857
87523 52160 89425 58871 10305 56485 97414 02024 99040 49700
34515 59366 28435 27571 65767 62126 59781 97320 06066 53693
29626 14704 74300 04087 40878 33298 08541 29605 79789 83177
28187 47338 07267 21182 54030 19222 97917 19945 22162 65346
25307 87884 52672 51176 16827 37334 59066 78387 26646 43012
09342 34014 00151 58004 74663 77568 28338 79455 26575 70846
15582 81158 68682 80098 09213 55222 13749 05241 64363 30008
42131 15818 42488 56526 02513 98375 67031 80476 40847 44966
84642 42119 68468 37435 05409 71167 05302 07211 20527 68881
59098 75259 20846 94569 26657 01915 64736 98654 27944 01243
68710 69523 09070 99664 19226 86326 75040 43482 29134 94926
38244 85041 87177 49172 93589 02175 74003 84699 56241 30647
43114 17435 22896 14268 90198 83993 42527 02373 59274 66162
07542 49354 59092 66652 01284 95927 88222 28299 62820 36826
92282 13923 54958 04609 01719 89010 46411 24268 23596 74418
44072 18326 85835 61282 36315 67107 57321 05326 33275 53874
92326 42745 15030 49514 72702 94868 23645 16461 46243 53768
59981 36548 84688 66018 71249 92472 09797 56790 40203 57557
60914 61454 11947 73504 02487 56907 19267 20826 94952 09776
92440 11631 77455 83712 64458 59473 35801 72960 07586 05929
54114 54373 52272 00000

13370 kHz, 17-05, 0200 UTC / 11538 kHz, 17-05, 0210 UTC / 10614 kHz, 17-05, 0220 UTC
11563 kHz, 17-05, 0300 UTC / 10216 kHz, 17-05, 0310 UTC / 9417 kHz, 17-05, 0320 UTC

11166 60146 00000 17053 02919
41950 93934 03714 18406 28488 25230 81618 57171 78986 13317
61272 57686 23535 99743 80854 38059 63786 23307 62061 20323
52656 37333 90252 99913 85457 84088 80246 43365 32146 74749
69933 25172 65364 48384 08924 39744 63976 08369 34392 49401
96777 59690 51324 54334 16066 95558 59338 95481 15769 06776

93280 26253 33804 12297 69778 14033 03367 34420 56933 57415
82829 67039 09352 30092 18947 10407 35694 87341 23045 70833
90921 96050 64886 48766 10456 74211 13899 63689 28403 50827
82458 89267 47055 82165 50904 97195 49853 85298 78984 33161
74982 74863 33413 73385 91811 13983 86228 35167 47342 15288
63640 39857 74875 52966 50049 51724 82062 71796 76935 41135
60544 04082 51294 45478 84359 30432 03310 26293 89305 45341
57954 46021 50448 13472 60205 12821 99963 27614 08556 66890
52499 04234 76521 06736 30235 77557 26814 78805 04853 78133
47887 78956 98574 06796 67527 39162 11480 39986 23185 97918
67271 27350 93729 77774 94693 67562 22323 18437 86777 73315
85085 38866 05107 61394 85259 26829 21295 28797 77541 79314
12848 00826 52278 42280 55616 62083 34221 23142 80015 06323
75507 74460 83202 66078 47577 72256 14397 08023 61697 37389
75529 04982 72788 73445 04423 20546 46240 19558 32663 67219
92404 41618 35381 24042 98447 10293 15102 24618 12253 39298
86877 51499 58070 82372 56862 97842 88578 12364 11547 82301
03073 30898 59812 28070 86446 82040 95012 42028 48660 68406
69258 54921 69390 93145 97098 08511 77544 76242 30782 00640
20312 18577 74290 24138 01474 12170 28326 60522 93623 20058
83446 14410 54006 74242 03530 99599 98655 65128 66757 12744
14527 20922 56312 55562 14297 00388 17959 91526 63530 47442
26715 47946 34898 80984 29791 99420 69135 18429 57982 93556
47418 56362 22711 04921 04865 56766 40897 28150 39823 53289
00000

13370 kHz, 18-05, 0200 UTC / 11538 kHz, 18-05, 0210 UTC / 10614 kHz, 18-05, 0220 UTC
11563 kHz, 18-05, 0300 UTC / 10216 kHz, 18-05, 0310 UTC / 9417 kHz, 18-05, 0320 UTC

11166 60146 00000 18054 03179
59158 14691 82812 99286 03779 75843 04131 10124 11519 43936
99666 03692 61431 17043 48827 97210 15568 60178 25486 79074
85987 59099 60750 91410 91317 21862 44490 06495 82555 26573
57827 57941 42791 38759 53770 12625 90549 46816 28181 94254
41426 88954 48254 94552 07718 70087 30716 32964 40722 92095
86908 50839 45410 45916 76957 51027 22139 38877 40211 18818
15108 55725 94134 85169 72243 76788 18851 18155 46192 01696
69513 53572 91112 52107 83696 00651 34968 51882 75991 83793
31977 08134 37003 06294 24942 41584 78924 46956 72121 39691
94876 25571 18341 30957 24217 98170 15033 03865 40980 68013
18886 18887 07659 23220 23799 86992 61500 37010 05819 13101
25510 91483 85757 27910 61353 10857 39172 56540 06334 15124
08394 97439 61648 30061 96295 09971 24089 14511 46488 34136
78398 90899 39626 90857 92457 89904 60516 36276 82482 45223
15716 68476 40441 99380 06299 10103 40853 06507 85499 15284
69185 43017 55893 74314 39000 62158 85823 14532 90074 53318
49751 20811 84658 92074 22218 24139 44064 91894 80111 31683
92775 93439 92917 96804 02267 52395 05649 52454 51713 11786
44136 56376 47788 69687 97372 21575 70718 78297 56592 30468
38813 35283 15778 56165 08625 53360 63281 39325 52944 19022
19241 94002 83819 76374 98496 40945 12781 96999 03669 91768
65454 21801 78107 32443 92764 85746 73395 79540 45903 61472
11079 07668 07256 82660 43335 71532 94473 33145 42246 71070
79875 12682 72375 33085 92371 15304 26338 07819 94091 81227
28032 03913 48909 08218 33251 10172 25050 33370 82337 77593
98964 21242 84573 60086 52664 19264 39001 37310 81695 66377
21356 68093 55951 65829 91798 47844 00500 58069 03137 68410
88617 54677 14224 03816 64224 19267 38217 70310 35892 06296
80388 34178 09628 93727 45179 65737 52615 70474 17169 62960
05093 64567 45667 93174 82574 22983 87603 26256 35583 79070
88403 57765 59090 68508 05544 45468 68857 79741 04467 07671
86850 49824 81550 56802 02930 54315 00000

13370 kHz, 19-05, 0200 UTC / 11538 kHz, 19-05, 0210 UTC / 10614 kHz, 19-05, 0220 UTC
11563 kHz, 19-05, 0300 UTC / 10216 kHz, 19-05, 0310 UTC / 9417 kHz, 19-05, 0320 UTC

11166 60146 00000 19055 03339
05911 65781 43282 43641 45184 53990 40333 92808 30022 70358
68899 98458 18350 42370 30731 65992 95449 62821 96718 59406
04036 33931 96192 91546 14267 11158 04763 07035 57140 63911
16624 87561 69697 95347 12274 34230 25489 88430 57582 06632
48729 70452 95139 23360 35576 13199 13832 53624 30984 10947
07574 54676 34555 03480 59144 34711 33834 36309 10048 45960
88483 75296 02359 37634 13770 17851 03468 23424 36811 67899
49681 43234 24013 66812 69603 23853 03128 97473 73242 68221
28391 03688 17774 28013 62151 92097 85904 39200 71448 08818
37770 25292 62968 07958 22308 97941 04816 54226 59037 09600
08534 26809 26187 37908 69827 16701 16108 06519 91403 34683
43913 72026 36388 72133 20274 31701 85735 81853 24311 31710
98091 71105 37526 80514 95524 24042 24703 97133 23584 95719
72722 48947 59100 44882 23220 58756 64186 97694 60030 85748
09864 59631 37355 10095 17757 17690 59594 75833 93285 00128
48767 71749 48811 85901 60474 54928 40144 81006 34335 46671
64888 03893 89822 55467 96018 47156 03465 06693 49168 07681
28312 83747 07032 02431 41641 10297 49340 12073 31815 28320
61840 19614 60236 51641 22716 36253 59339 99641 89881 31624
52559 40832 37602 10618 07201 00975 15859 03980 56165 15448
30913 64860 49456 30532 70491 88510 21408 83312 22043 97310
84581 14879 57499 58316 86245 96518 82976 25515 88404 73579
76851 23976 57293 56701 64661 18079 73281 15095 04254 31015
97130 51560 79623 07748 53528 63932 26892 38610 17855 22636
40835 85744 17099 19045 35428 79553 80884 64329 56828 77358
03517 43477 72235 01461 03017 54179 83067 98774 88053 85266
35896 89236 68731 14384 29565 95166 72158 29590 41944 68781
48741 04573 24746 60029 80137 82161 39850 91954 24805 45832
35566 35764 62086 83883 86273 02785 20773 75979 43882 95514
03067 56742 74545 84929 39900 36084 79064 06257 38536 80959
20420 90388 08393 88241 06869 73130 76028 03387 04056 49464
25221 64598 74549 65026 23086 77158 68270 61970 18167 47625
12229 21422 21434 32586 73021 69694 06133 81638 90512 40468
87414 55331 00000

13370 kHz, 20-05, 0200 UTC / 11538 kHz, 20-05, 0210 UTC / 10614 kHz, 20-05, 0220 UTC
11563 kHz, 20-05, 0300 UTC / 10216 kHz, 20-05, 0310 UTC / 9417 kHz, 20-05, 0320 UTC

11166 60146 00000 20056 03379
31187 23907 16569 42994 04677 55837 25094 62318 46415 98213
45932 13915 54598 56054 49356 50092 70533 09702 81106 94652
63694 33844 26207 05702 64526 55287 66626 07698 43442 41702
93718 97429 59452 38506 61393 53600 26856 96073 90942 04721
73438 54480 63470 34987 88608 77934 60846 32833 84918 56123
41144 11845 21395 14627 59485 58733 62128 01607 70226 88035
68551 42952 71439 08249 48847 83066 77608 29073 12923 53497
31490 64460 06388 36566 91067 11147 21977 16228 52548 07360
11844 33306 95320 01394 49178 87321 59837 84736 12575 52086
94328 69425 91596 97253 31319 14338 36956 33017 79851 30095
03781 20134 44378 17259 61364 12479 06253 17526 67873 24292
28748 82594 33424 39333 71554 90386 19979 04113 25689 63337
51497 72386 04743 68406 32778 93122 53425 03527 00428 59096
59321 00158 54399 58327 78815 96646 43531 95534 13114 62073
03532 75796 95291 75273 70839 67602 74325 88722 20798 87496
07029 31974 03591 73481 93839 34334 76362 39383 19384 71458
54972 27356 83777 65569 33809 00731 35571 93970 47115 44366
42303 85546 70249 64722 59589 09945 84331 06820 84674 89114
52696 30284 05407 85899 82611 11659 80550 49372 70677 65173
12389 21586 55362 99161 97545 35448 25103 50309 66975 58388

55403 62913 51035 61519 73384 05365 30613 18970 73204 41008
60208 67086 30800 95598 73935 78176 91380 88515 10373 28499
28112 19944 17191 65177 95434 31191 21512 01724 25437 80342
76922 96868 40748 00434 23087 96373 82357 32330 18898 42522
75824 49500 35093 80977 84294 16874 17291 19682 21779 50966
55363 19505 25120 73459 20108 21312 08086 75433 53124 39141
46030 34422 20869 74195 64562 51494 68797 29307 30654 00539
36541 28587 69621 06943 20060 71936 56430 97858 91709 79104
54753 91232 14144 02994 02217 15794 09017 16881 65276 79189
66393 05257 12162 26451 05835 12965 77323 55975 25069 32330
15820 85221 97201 32963 71086 83293 02401 63925 04519 12612
04993 82946 60309 46852 11897 92380 63978 57336 73359 86590
78029 85076 11895 40438 63176 40647 90401 93582 18568 99070
55365 10263 99462 81923 16102 56335 00000

13370 kHz, 21-05, 0200 UTC / 11538 kHz, 21-05, 0210 UTC / 10614 kHz, 21-05, 0220 UTC
11563 kHz, 21-05, 0300 UTC / 10216 kHz, 21-05, 0310 UTC / 9417 kHz, 21-05, 0320 UTC

11166 60146 00000 21057 02609
80349 02823 24278 35229 24493 49039 16355 68065 88334 53565
00622 72877 06240 94640 75381 51697 15982 74206 90647 31136
08307 09428 24508 37937 73447 09080 83802 96114 55574 89483
02553 12860 51069 09682 36583 45407 11603 30534 77779 66038
37921 27438 36399 67429 75306 11338 64897 75504 46620 37732
21691 62006 83890 08347 98298 73958 44376 95178 58299 22205
22026 41592 61549 96228 90302 20143 72080 97419 37280 51842
73136 07988 78967 16519 37772 37713 61796 08997 28455 15710
90198 20749 24113 19399 40225 51736 98055 57879 45137 82100
95211 51875 63902 58418 82129 77457 68545 74186 68158 65717
11280 49231 21260 75589 57360 37740 26895 82005 94602 19586
63404 46566 55495 54641 92335 62918 12844 04770 87145 94033
34898 53182 48726 43563 10879 75841 81176 28459 82855 44601
26270 45064 44917 66781 80048 45834 95547 90845 39988 68899
54182 32889 56160 87642 77848 03605 84840 72485 38844 40433
67998 82068 49389 74574 87092 26014 44192 87548 64634 66456
56854 36990 11931 50535 51069 56383 46463 91023 92540 58391
27331 37297 72554 96500 82197 03820 19162 64648 24177 48332
56885 39525 82105 16941 00903 95239 92623 98287 96642 45041
27511 53986 40723 89769 54718 17518 44179 77742 56527 78772
23913 05745 53268 96416 33300 15829 06055 05291 67898 67595
96951 11003 07190 90655 10022 88922 78293 46952 61692 29759
52594 57634 53875 98898 11209 74167 48273 01715 40250 98375
85324 72007 41802 81087 96203 25785 71563 54093 81333 47559
39085 75079 53836 01354 31542 90248 71362 83597 46980 44300
04737 60110 47971 92453 16860 54354 71619 94223 57258 00000

13370 kHz, 24-05, 0200 UTC

11538 kHz, 24-05, 0210 UTC. No recording or decode available

10614 kHz, 24-05, 0220 UTC. No recording or decode available, late tune up and immediate start

11563 kHz, 24-05, 0300 UTC. 2 blocks, 1 message starting at block #1, block #1 filled with zeroes, no usual header, looped for 1m30s

11563 kHz, 24-05, 0301 UTC. Carrier for 1 min, then 00000 (2 blocks, 1 message starting at block #1, block #1 filled with zeroes, no usual header), looped for 50s. Then carrier until 0307 UTC

10216 kHz, 24-05, 0308 UTC. Carrier only until 0312 UTC

10216 kHz, 24-05, 0312 UTC. Header: 11166 60146 00000 24058 02599 repeat of 0200 UTC except 11100. Late start. Abruptly cut off mid-message at 0319 UTC

9417 kHz, 24-05, 0320 UTC. Header: 11166 60146 00000 24058 02599 repeat of 0312 UTC, late start

11166 60146 00000 24058 02599
80024 22591 57737 38927 66516 09478 58358 43169 44500 38622
77064 85908 25614 88209 79766 46570 31374 62768 48840 10738
33230 12202 72060 83575 63425 04831 01558 53348 76344 52878

74979 65974 65030 13825 16040 96553 62574 16093 56663 28804
83051 82473 47891 78347 81694 49749 51739 20780 38994 07949
31216 10462 98413 07662 80654 00974 12402 08865 63577 03167
76397 69679 50262 41745 55505 98518 72205 96330 33539 18047
35662 37923 39117 14386 61462 96722 28488 70027 43281 22230
29788 03858 41552 21567 78416 66764 55213 86965 98198 66236
38477 48347 08050 18406 54800 11938 58809 50977 85255 70861
29937 05463 33476 98637 40761 12180 94379 61528 55971 36433
78843 10673 90022 19331 11525 39940 40168 61665 44015 20447
02785 24297 50513 47668 52687 43479 98201 62086 90117 84564
09524 29315 85103 82527 58540 90623 73860 42735 68552 19824
86935 00419 03188 47426 13776 62265 68124 38031 33413 78582
65653 31873 65944 19460 69254 86467 24505 53382 10384 79288
72415 51712 94655 57419 15191 67491 89602 45119 82104 61999
51206 45229 76984 77501 81391 95366 02942 79623 33654 64848
90707 17796 09030 03263 85271 77201 09580 76648 70513 20663
41580 52203 36500 43911 85610 17469 19160 92665 75722 44924
66992 14979 54877 37927 14533 47258 98841 18936 67223 57426
25727 45968 27420 93649 33362 68198 16175 12061 31683 56674
70533 81929 62334 71053 20984 91714 22659 48317 78785 04426
36273 24402 87840 35743 37415 24663 20808 53327 61239 84137
24140 20761 57271 83525 41731 34550 68177 11824 71874 27638
41070 91572 37200 37853 63504 27623 72289 58257 00000

13370 kHz, 25-05, 0200 UTC / 11538 kHz, 25-05, 0210 UTC / 10614 kHz, 25-05, 0220 UTC
11563 kHz, 25-05, 0300 UTC / 10216 kHz, 25-05, 0310 UTC / 9417 kHz, 25-05, 0320 UTC

11166 60146 00000 25059 02619
28186 04093 68861 63358 36388 65710 65435 15883 83516 05034
86225 69527 44240 91383 32707 80953 23332 30920 22169 44108
02997 72048 58537 63065 00852 64062 69304 55442 80736 79936
63264 59812 83536 39221 88733 45562 70227 91973 96946 48629
94296 49658 40318 81551 45762 73959 60256 91279 33952 59441
44206 63168 01245 70993 56632 94605 84948 22000 73602 86707
69523 04163 75677 27513 96311 04931 78791 65123 22982 73462
07804 94218 49864 21052 42414 04393 55369 66980 90134 63739
07681 65704 65990 36132 44892 76329 83653 55634 40804 60313
87689 06468 98543 18321 81599 81998 39205 02185 31357 21151
77696 62896 49117 45707 02990 20569 86787 46924 04935 67311
94155 94901 14865 38956 21247 69140 52139 16560 69616 33736
93845 43638 22247 05630 09826 70055 06752 89370 30220 58510
71565 76815 37729 14563 79811 35210 01757 26127 50527 32083
96642 23377 01947 70398 71166 95002 76518 32396 61499 21749
52351 55560 64813 13174 70767 89161 15710 58573 34666 04793
32677 27997 57363 59352 26749 84308 66622 33908 89561 92205
93531 96870 02992 35164 00946 64926 37560 76216 31158 60163
31798 23527 77499 86816 69758 86682 09559 76093 98850 34642
06688 72490 55204 91295 79509 60057 88736 29542 84097 52041
05114 49848 58514 92346 66791 54224 36405 42241 20332 51529
17329 50770 42174 55084 98516 32279 20046 58485 97738 99519
12214 00596 21975 25753 51746 55622 61576 34289 87988 09236
14598 38915 82432 06660 70998 83636 01164 83668 11387 55164
71081 16438 00012 66606 92077 51174 76669 35781 22354 99470
77237 06596 79078 10326 37497 86930 21557 54752 59946 59259
00000

13370 kHz, 26-05, 0200 UTC / 11538 kHz, 26-05, 0210 UTC / 10614 kHz, 26-05, 0220 UTC
11563 kHz, 26-05, 0300 UTC / 10216 kHz, 26-05, 0310 UTC / 9417 kHz, 26-05, 0320 UTC

11166 60146 00000 26060 03139
45763 15764 25700 87670 47063 57285 27449 62321 25941 60161
86129 86500 47091 99118 06600 15617 18195 40750 37818 49419
87781 51615 07093 71985 88907 35346 99347 16800 08311 97186

73597 17874 85745 59421 33814 32833 73180 76111 96375 48916
08550 20591 21288 07827 83737 44151 99359 10361 11493 29357
12523 86763 20952 86422 09489 43749 36471 66101 63918 24106
19435 87508 07302 39850 77754 04327 53732 64847 72715 57828
58765 97837 77887 90149 79538 31822 69764 16257 28363 90718
54834 78043 36940 19255 62764 28988 73431 37012 60380 22826
79529 92569 66138 04653 19748 78684 69776 27909 60100 94442
86818 45687 18363 65323 02642 49784 53106 57106 85772 55951
83685 44569 75111 58769 58373 20903 70774 04593 12825 58794
83230 55996 86061 59095 20431 46165 86169 48036 17609 46659
22877 08913 39452 96998 49229 59172 09316 69500 79526 08863
45179 67810 75716 61352 07028 82557 19436 42283 85350 52579
11883 67677 85430 05152 68707 87145 87133 73656 02110 63128
84863 16133 07333 72111 37391 83137 95737 38749 82221 08370
41649 38838 94210 20476 35155 32073 93101 99494 58055 10530
29674 26355 25137 73804 05200 98891 57972 66747 03881 12797
83425 40744 42964 30945 74051 24457 70223 89540 72571 14978
63487 14523 67635 25339 11910 46650 13016 49297 83661 98726
07472 29344 09739 93386 77426 38882 38571 54882 29674 14491
41119 53321 66287 99232 71144 24776 78928 82928 10348 15709
64730 50347 53051 25155 30959 73237 10129 43098 80623 07152
36851 08467 96237 78984 14351 35205 63907 76179 39390 79846
04943 73527 02109 49025 07177 58501 56455 70366 73173 41069
12977 75202 27524 58906 08665 66524 50408 13966 33532 70647
29618 01329 18623 95985 48217 16277 15129 47404 50043 50528
19314 69575 50221 13571 22921 17767 82887 40024 93755 79522
03307 68984 16136 95645 86573 06269 45892 53950 90080 05520
59599 54188 71947 29081 02745 67619 82587 74605 66504 39640
71615 60311 00000

13370 kHz, 27-05, 0200 UTC / 11538 kHz, 27-05, 0210 UTC / 10614 kHz, 27-05, 0220 UTC
11563 kHz, 27-05, 0300 UTC / 10216 kHz, 27-05, 0310 UTC / 9417 kHz, 27-05, 0320 UTC

11166 60146 00000 27061 02909
42850 76094 85175 40884 76064 85666 79738 93213 65253 19222
35089 55391 41078 11982 11878 28410 72141 00187 32497 05156
02548 77683 07754 22559 06371 36982 85918 25548 01195 05725
78808 16261 87928 14502 44627 86954 09074 56953 32215 60032
42642 28094 16422 83646 73901 51795 79277 56301 12141 33368
16652 78894 44647 98181 75084 57646 45068 02248 48490 06335
78366 25729 89400 21293 69539 85276 14457 27592 28290 26171
08819 19854 46856 80170 59191 46138 13156 00035 70156 08319
06466 06627 43479 77417 67796 09573 25107 47301 62170 87373
49519 75209 74976 37942 36135 82525 09594 35479 17455 14247
78477 54635 03630 80574 04884 47902 13142 29083 77432 87156
24294 20877 24681 05302 27174 09208 01915 98954 80804 43953
07325 78088 05156 50419 69771 73602 62701 55903 75316 38728
09225 62435 24711 05225 18540 89155 39029 80298 10830 32762
55636 95179 39288 19452 81669 41296 14747 46813 97234 54987
72978 39093 25489 36685 14361 64278 11813 15509 70600 86434
79243 95207 78181 51734 52378 42380 63253 31619 66905 02934
67622 71518 06982 57686 70545 18581 37623 53072 86019 26842
24300 67892 40237 63277 56934 02019 58911 63160 20471 98026
19146 08187 79224 31663 45554 25785 67180 32106 55289 33052
01441 17945 81701 73759 60999 59819 31286 21866 98047 05659
53626 49966 73968 29455 29006 86120 37244 89506 03393 07502
85432 07078 25465 44295 78421 01403 65381 92289 95131 41967
19975 57600 50873 04030 34061 81951 17530 38287 92543 21970
13760 90644 63013 80917 57408 33021 93519 16302 97313 91128
95206 71802 66695 80153 64496 06952 25307 84296 24517 23014
82556 41092 90453 08476 18758 16450 88506 52626 46727 81357
83161 00620 80890 26181 92439 48495 06102 73502 95826 01565
63353 75427 64564 44624 94568 06302 68991 97416 61288 00000

13370 kHz, 28-05, 0200 UTC / 11538 kHz, 28-05, 0210 UTC / 10614 kHz, 28-05, 0220 UTC
11563 kHz, 28-05, 0300 UTC / 10216 kHz, 28-05, 0310 UTC / 9417 kHz, 28-05, 0320 UTC

11166 60146 00000 28062 03029
70052 12325 53746 52485 36001 86027 40001 62215 25669 83078
87091 98155 64338 53993 43078 53017 52658 62440 03426 64755
58507 13312 95111 55820 07001 71516 14332 40475 10832 82430
72520 73615 08134 29953 30349 39537 00042 93084 24409 04076
05162 86993 16248 78563 73109 99476 18468 69048 24324 58781
77550 09191 08338 93704 18120 00302 97695 71916 78306 06939
59695 27444 90921 81512 73157 13256 90114 16328 82400 39876
48209 46511 05603 85975 72399 52246 39759 91868 15998 33772
29396 71866 83928 57566 91250 06404 37131 97158 12090 99896
25593 17013 61864 15259 04676 72910 89381 21012 14427 27278
92683 11937 26576 02890 81323 89191 88882 23391 72721 10845
21546 14073 89787 48753 45349 61335 52009 12724 46224 54290
77174 27906 05935 56915 35932 76330 53565 84223 26372 38559
17483 80870 60810 96362 82493 25640 81970 82372 81847 10247
50744 87642 78800 65892 72722 63061 17417 36013 55689 75545
47291 18658 15250 04956 51889 26927 70800 92678 35185 40927
99009 77800 46291 49652 37014 81813 46762 06254 52503 27810
50257 45126 22887 05062 89262 34240 90736 14976 88546 61177
87677 59307 50038 76282 43931 56620 78823 41392 25686 97885
04943 57561 67487 77198 80674 70232 91838 58513 57991 75286
33191 64358 75886 74403 08523 97466 12247 53186 01680 31241
79966 80467 53676 30015 71980 52251 76147 85033 84919 28716
30119 77094 76059 37726 37311 01782 33266 43283 16140 18245
62604 02353 59619 07438 23322 58515 97337 50781 64879 45861
08713 65164 45717 01586 79698 55232 38448 10711 20136 68897
51170 31366 83939 67012 19568 74085 59298 43140 49513 33537
21089 54355 14838 96133 62682 49025 39965 71961 49327 02494
22099 24461 60310 96618 72651 96298 12070 04089 82584 54872
79450 63470 41383 05874 57301 55907 64312 48365 29578 19423
07676 69790 38167 61755 76739 04370 68589 57665 56026 03304
62300 00000

13370 kHz, 31-05, 0200 UTC / 11538 kHz, 31-05, 0210 UTC / 10614 kHz, 31-05, 0220 UTC
11563 kHz, 31-05, 0300 UTC / 10216 kHz, 31-05, 0310 UTC / 9417 kHz, 31-05, 0320 UTC

11166 60146 00000 31063 03059
73487 32873 96556 32848 49192 58041 26213 53228 76733 49622
81913 62809 90490 99902 02026 13074 21092 03115 38155 39269
05883 26524 04332 75097 06129 15204 94658 09695 35648 53950
86596 72830 30560 34749 72090 59260 14824 03261 83709 28191
41279 82735 07996 38766 12852 98813 03203 07536 13627 53640
63628 98826 04477 22736 97701 83966 62916 73052 12042 30295
71896 25666 18646 05885 87204 11534 07425 10945 38162 93748
51244 71794 41319 54744 35684 58399 31819 71872 30685 11359
42129 29802 46283 89313 82815 43166 39604 72703 05070 87904
65327 84799 49643 64737 86785 15972 11914 43196 89900 62107
77738 59669 67132 13130 09800 67882 63648 52557 89130 65258
02871 54023 41498 43598 33618 85718 03341 37509 66012 58675
06942 69027 88340 79837 89530 11874 82067 95849 55995 23767
77171 38517 49899 20249 15007 07849 12480 88446 10871 53648
34332 64213 33465 41571 29446 21092 43442 14592 86301 44522
58212 85818 75698 89747 35220 23600 20012 46848 90856 14844
53566 61340 97204 17506 28801 83776 23808 38164 47932 46795
16645 95645 24786 93041 31492 56608 06499 02408 63878 54044
09763 92025 42805 24626 51317 87455 80416 25840 77356 88496
94829 18841 21560 78069 48278 27967 46416 47601 67793 12854
47540 37350 40578 14084 25665 15109 01284 58302 55992 41731
53362 33753 09601 96901 91700 72157 06589 63603 18693 97874
05642 94715 70975 30288 59717 10175 98983 50358 92524 98138

66530 67257 75501 18594 62590 46059 09956 32845 42485 82381
44078 07314 40641 34956 79505 65094 22123 52033 47117 83706
65124 52581 56761 62467 91598 48198 50596 07937 88225 16697
14724 10864 84898 63276 28825 13076 82913 30232 58455 87742
50057 41140 19717 81465 24775 90452 70976 91611 96609 14437
11316 77342 55099 04401 90419 27773 24312 48144 59564 35698
25219 10567 18421 50316 33092 89374 37332 07402 22092 06824
59775 60354 14269 63303 00000

Link 70049

12219/10448/8139 kHz, 03-05, 0400/0410/0420 UTC

11166 70059 31597 03001 00049 00000 00000 00000 00000

12219/10448/8139 kHz, 17-05, 0400/0410/0420 UTC

11166 70059 78541 17001 00049 00000 00000 00000 00000

Link 70202

13836/11163/9271 kHz, 03-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 03-05, 1200/1210/1220 UTC

11166 70202 14759 30071 02539
41307 04156 53277 65019 38012 17488 27874 72096 16042 81678
23236 41967 35686 56255 02424 91963 68738 00851 41880 70774
66045 81678 07618 58147 49758 01563 49086 52969 47484 39434
40402 98159 10518 10233 23629 15822 83339 81164 33792 51087
16576 05240 10328 48081 40601 58030 24638 06464 41969 88599
78448 91969 09871 20513 52655 99387 44796 63898 11349 91425
46581 24471 90694 61884 24057 20470 27377 96591 93446 43445
06266 30526 57737 23826 32022 24565 84181 87214 54311 10303
22143 12337 01313 76379 28456 26597 01230 94733 92489 00160
96462 10255 78111 24508 80151 42235 24733 86416 09772 71087
74619 73262 77458 08743 18662 70630 41772 76191 77791 38132
50559 36573 62227 74396 09630 57290 75742 07147 76912 99543
57134 69318 86789 58761 76097 47152 34299 04339 25671 11186
73877 92127 78457 66112 12351 48127 98802 80403 00845 46796
28110 81668 55315 32431 85501 28670 60369 57054 50985 95936
36086 33240 23336 31911 72503 25313 69870 76568 61474 27380
10304 49454 80571 01595 01873 44053 08731 75130 17921 89463
78320 19277 37125 65273 93321 59093 85555 80615 68314 87085
98752 53308 67948 79305 96014 50032 51589 37338 84078 73489
52826 04609 32380 07458 48542 30433 87088 55705 97203 80269
16094 35687 51090 15594 02141 12958 72135 91841 26294 87252
06061 47859 08926 66162 94509 85286 00403 87344 29845 61328
38679 75205 82318 43338 15960 42997 54291 98651 21642 76252
41183 18121 53708 58517 03860 96770 15770 25295 82124 20020
41933 57161 04016 28914 16697 47963 70590 62793 82044 09068
20882 71251 00000

13836/11163/9271 kHz, 04-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 04-05, 1200/1210/1220 UTC

11166 70202 85432 30072 03039
66547 35660 87080 14227 28897 65620 34479 71901 84259 95241
36000 93372 94834 33656 02918 38013 47500 40315 32844 70717
25892 04174 99447 79234 40795 14397 99686 79090 98525 20987
50749 67048 11979 08812 53895 09045 84049 33431 67370 73528
18097 92186 55594 46156 35153 28982 06811 86767 02554 96190
36372 14583 03680 22127 17865 32564 03510 57528 09246 26868
89646 99473 66199 02344 93532 16182 59870 39993 21519 21127
41195 87345 50492 69904 18996 17685 67734 78297 44031 19049
59712 84960 16189 98968 79477 07176 57019 15852 47367 63116
14781 72974 64698 59043 94192 36003 45129 64888 28088 59990
93392 26646 33140 36781 86070 89028 16868 98766 34119 26805

28091 39923 31807 08272 68032 40073 21777 39290 04254 03306
30901 61324 54607 46500 56628 01931 33400 98874 08508 01109
76944 98516 34570 61988 90701 96821 87271 99252 85182 06773
08660 83770 92815 56018 39480 06837 82955 30657 81886 12500
17221 20695 70457 71379 12357 03096 31196 94430 02802 23366
33214 10086 20150 61614 62765 53214 31690 94016 74346 39335
05227 85636 98522 22520 92343 75525 11185 60426 47322 40044
93922 34899 23887 45350 40192 01569 16972 24976 86973 66902
41694 43452 76609 16123 66723 31888 78501 40450 44229 06480
25359 37095 03601 05854 43685 80444 01127 08198 83189 87877
42811 14122 74818 28643 22531 06166 72076 49244 42707 20919
55343 13768 09683 84665 03868 82587 21000 68505 65117 77881
86752 63887 76185 09415 52215 64481 16938 58997 13927 65352
99573 47088 46411 75337 24317 29950 81745 83597 55893 00819
09132 26262 00505 93511 86688 14104 87974 11909 82624 07198
88761 33759 88008 47475 20516 62238 68295 85140 23884 23693
45819 59865 12229 35018 30425 22703 24973 89100 40433 09667
39237 31770 81125 02909 19465 28679 72941 40428 09729 45577
46556 60255 98397 90394 47056 90043 09851 90574 14377 18015
02939 72301 00000

11166 70202 59845 30073 01279
53049 16740 41023 80085 31134 27585 53495 14450 66781 44004
21717 62256 19675 79626 64878 49701 47036 26782 50763 21353
74905 06673 15331 81772 24996 97362 71439 82937 70541 06800
42688 37147 19596 83034 83277 60106 49202 78843 69851 73878
38888 12925 76246 24381 76902 94867 67090 93121 37658 06083
71181 07863 53792 53868 20597 81898 31295 40817 66459 36628
81151 16737 07296 87125 65906 05282 90937 95376 84631 22473
75891 20887 44686 29311 63122 23332 93747 85643 34178 96956
10529 97505 56607 41389 77620 75093 42592 98575 84904 43571
71749 10512 36969 73906 14019 77467 62966 25900 13600 21382
52350 20619 19845 84122 64925 84409 76080 15298 88656 31677
02263 29310 43664 78627 32420 36323 55852 05150 92827 76860
48603 07030 31827 14685 25970 73125 00000

13836/11163/9271 kHz, 05-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 05-05, 1200/1210/1220 UTC

11166 70202 36958 30074 02199
57531 69304 64560 26028 00553 40271 55219 41169 99053 14640
75743 83973 97889 52313 78751 58041 92566 93394 52615 19564
10703 84248 45551 66531 01793 45081 97230 65531 14962 77447
70092 77085 69391 35147 97562 65455 47115 06930 91339 03867
62858 84463 74965 11067 90616 13981 35838 80184 51670 55071
12883 85798 93694 95019 62046 80174 15689 92170 66813 14596
18379 46715 85927 46730 84804 22366 55515 19970 20771 67352
87779 25680 09839 08156 33473 84297 62570 14453 00324 06215
64686 58675 44604 18383 53847 18640 78039 67576 79722 96687
57224 36258 27065 53754 47754 31976 06445 81829 80252 36237
42355 63224 40474 23784 13372 90099 60679 88224 24039 42681
04471 34950 13196 49604 62269 27266 28402 78826 99621 96692
21178 32545 25531 53356 42718 44550 72991 57420 44796 03465
08921 37489 15520 50296 15670 66916 04647 23740 11307 33969
18128 51681 00856 66767 86589 12320 75680 98959 37417 13362
03197 87042 25148 62719 74114 15292 99845 29149 99371 49222
18158 16266 73977 23517 26727 98379 49927 75378 72664 91583
85393 59213 20751 58531 62366 03609 82071 70343 89950 96536
83759 74087 35481 09708 34541 39250 50666 98030 65771 81659
84938 35103 52640 88284 03194 70676 45251 91349 50120 21033
64238 65200 28287 28202 40636 44370 82203 48976 04661 86261
05509 59633 53111 26910 13503 87331 50079 74217 00000

13836/11163/9271 kHz, 06-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 06-05, 1200/1210/1220 UTC

11166 70202 45237 30075 02899

41269 82972 94612 18937 48724 51325 21730 31198 42919 34287
34288 71682 78644 03554 54402 44209 16184 41464 73445 78952
47986 93152 06507 73500 47709 30500 05935 29323 96314 01348
01154 19590 64893 62405 56931 49268 58927 19280 67295 93451
53658 22077 27280 24838 75256 90001 49688 66319 07481 63408
19073 29589 28513 06719 00099 25742 07657 10665 42493 58763
16587 67280 49768 37887 34832 16091 03895 69718 54195 84923
63123 16097 11773 73788 75139 28607 06284 55264 72735 95693
77385 89824 44188 63307 52667 79540 95533 15030 91998 08604
46928 22601 83938 44101 30265 02799 73878 95482 80265 41603
28609 56155 36203 71584 67004 75642 96460 13447 11508 35755
93112 17672 40097 29196 78709 67203 43437 64046 42458 27095
16886 42566 97984 52071 42060 87755 09867 87944 37633 16096
51120 27801 84058 79933 08837 08925 51911 27917 80144 61374
88525 56949 25699 44156 42624 54069 72869 29938 31618 51728
85829 24229 81279 44865 44725 29977 92451 43249 01111 93508
14512 57507 01847 92752 30250 42282 98638 53692 81860 44958
85409 05974 92744 33385 30688 13611 64788 01054 97212 41732
55823 73140 65920 45287 66954 61874 06522 90680 94427 44653
61846 46236 25744 63357 38146 02461 84699 68287 18538 08022
55034 55169 41782 32387 37384 68664 13585 91063 19223 70820
42596 94370 62475 97899 18312 05688 38499 54030 73057 20106
65114 15099 95234 99434 25369 41349 86030 24492 72737 22097
76772 50613 52425 01021 49106 77321 93477 55451 25208 68102
51376 28103 20189 81202 05810 34686 73902 97409 43313 95833
04333 55741 79450 66782 49750 32976 00240 63246 91827 27975
27506 06920 76894 36727 37840 39041 77534 29046 89869 75470
61687 62879 39506 01698 61473 97134 47875 31240 58899 88996
11609 75845 30655 86638 70188 00960 19179 75287
00000

11166 70202 78423 30076 01399

90219 88634 33648 23607 23985 34255 29999 67994 66012 79528
05370 56578 01079 83074 01570 16938 34728 85868 64755 61272
10061 88940 02697 16499 76969 93293 53085 09523 37249 19199
48808 37378 14022 47093 91138 76907 18922 47228 66767 13689
15466 90291 69623 94889 02057 56157 13421 35725 63048 82983
45854 34225 61322 23820 00408 73987 70796 02924 46683 19605
72320 88971 25214 34457 61384 27357 77679 75553 41080 98748
08475 45116 98755 96111 38559 03582 89798 37375 37532 73725
76984 55927 44865 90580 98831 36130 16236 76846 65396 86046
55895 48473 04941 64555 21003 80111 09933 05051 08883 85110
55779 02914 63118 89752 90770 58940 59430 06421 20639 95906
57290 35370 36191 90477 28180 49808 57441 87628 96457 43959
92689 89770 53753 48802 35977 37782 32843 45181 51352 26107
51924 28954 17402 19137 65253 07890 30465 76137 00000

13836/11163/9271 kHz, 07-05, 0700/0710/0720 UTC

11166 70202 46821 07018 00049 00000 00000 00000 00000

13836/11163/9271 kHz, 10-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 10-05, 1200/1210/1220 UTC

11166 70202 25864 30077 02799

64679 49207 53949 92687 09093 67621 82336 89156 28857 77252
03209 50347 85271 43175 09775 56539 25902 09047 24511 15985
46388 99918 81918 22452 96883 48175 27000 91369 81561 84814
40407 29282 24625 63246 26172 16289 01255 07794 22984 06162
56944 04098 24933 73822 63641 73592 22668 64873 86150 99260
00899 26867 57224 94838 53188 26996 84782 34671 99957 85905
39700 86390 20665 82300 97600 13628 36068 08038 33081 40918

01534 78404 89831 98006 97314 27246 75056 85739 26732 41663
51660 30718 58215 15924 26615 20913 72120 29324 58968 39422
98274 77645 35908 38563 55173 12923 90332 21484 26788 71194
58368 23476 37897 92931 00261 10190 13896 65831 33079 34928
36017 44658 48687 22207 27892 27822 15389 69778 34407 95391
86715 86292 78773 38208 65776 06798 08764 32807 98609 53255
68046 41830 94975 32261 53544 44606 00035 87167 44783 27603
65334 46779 16137 89422 92551 37826 67926 40040 48435 53386
37300 98965 74359 94460 74840 22023 38963 26874 97832 11422
07283 20699 56120 88827 24824 64382 71511 36100 40021 70773
36643 33398 13507 17229 84267 49334 87636 86985 62875 62868
14706 04000 79615 21627 67296 78415 96425 66335 79185 04884
90333 76051 90265 80881 13849 13886 93897 37257 16395 77900
10150 98153 12706 86866 33349 12524 09145 55580 27387 24412
23860 39409 67218 74194 61731 52765 49988 47960 30039 91200
24225 17229 05787 11791 10534 36185 90635 51513 12243 88618
14355 88304 39411 01766 72763 74471 94670 69224 11070 97163
94308 50140 88563 45578 23048 36859 85590 89586 45958 08209
38754 99487 25923 10628 15275 61547 20127 34301 62442 69031
53968 76511 93112 93422 95859 09383 93171 65486 81347 94202
61905 20898 59972 09520 21231 90103 63336 77277 00000

13836/11163/9271 kHz, 1105, 0700/0710/0720 UTC

12194/10523/8129 kHz, 11-05, 1200/1210/1220 UTC

11166 70202 25713 30078 01639
14185 12646 19080 24945 63008 23309 31193 09868 61266 42100
59043 00536 81355 24634 23847 93730 35675 50360 85136 73505
51497 65674 00049 26413 40858 02119 58118 34175 57656 30631
96231 67232 59147 37756 23449 27609 14018 34767 10383 14529
24228 35646 22806 11230 52815 64833 04193 16401 74841 80713
36866 68688 93666 25753 36453 37704 89750 39237 59323 79977
94157 93547 27705 83287 03952 39902 02164 47803 81682 74518
56135 77490 06132 61109 32189 80199 66525 70677 84727 99883
17382 24524 38791 29394 36200 51423 19663 77259 51158 94887
32973 86929 31032 31475 99962 31876 54492 86066 77624 35027
00999 55050 18389 85947 30451 73359 49045 54207 43810 86292
73595 22389 41850 12053 29716 87151 24252 05955 53523 01807
96211 62222 32326 58826 74762 14326 50052 35740 11979 19790
55043 52843 77277 40413 04895 16156 65974 53831 68038 44082
26309 57370 86748 01189 22110 50123 31260 87556 73287 04178
99691 57132 41353 60954 43455 63527 52142 13570 22836 56684
72932 78161 00000

11166 70202 74258 30079 02159
02870 64966 27678 90484 16309 57161 08856 73482 97212 93086
54803 81206 57708 64610 55986 96628 40855 03017 23776 26385
03741 88249 05433 19450 29585 03184 24188 11291 67286 25094
05362 98204 21842 71527 74448 71517 44092 42748 38124 66330
93209 27961 84085 04508 70389 67486 60687 36591 47159 88081
22299 12324 36762 53595 51314 34478 82041 98134 92769 75670
58263 33954 62490 62855 14327 51220 14712 59172 00782 51874
80108 97859 58102 84755 10177 47892 63659 74184 88894 16051
60808 59188 97608 15107 18558 85564 44086 52805 95232 17955
91650 21334 04580 64134 49369 91970 07755 28691 09197 44598
79628 38288 41048 86759 22836 05695 81698 41961 28032 24780
78483 11898 03763 13638 73717 42291 24409 48062 40768 47028
69635 52523 07734 70288 53780 40867 29655 91350 68616 23898
95196 01758 87943 26048 78742 09531 07418 78316 73833 50131
18087 79661 68897 08839 37045 44046 51197 84244 43657 75303
49940 47552 94788 37033 54482 77356 17474 09698 68572 74606
02467 52113 86566 87425 47102 09529 02554 00489 20918 35467
88326 68631 52463 19530 01139 99388 60741 38339 07186 14149
79709 71818 31748 42599 49292 51991 71922 30173 71333 36482

32904 63159 53921 23919 73723 41189 92540 53413 73408 51758
61467 55310 53487 26500 13864 45397 17773 83879 14000 79756
95380 87997 50034 79213 00000

13836/11163/9271 kHz, 12-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 12-05, 1200/1210/1220 UTC

11166 70202 36215 11080 02779

74648 41468 68984 94759 95218 33354 18024 10191 34354 93141
08510 75340 98619 81560 58615 28715 93701 67838 93457 65801
21521 59016 10425 59447 50882 96938 82877 72134 47591 52610
50671 02338 74990 72596 70933 32147 00834 57171 27525 68355
71454 74884 22643 94177 39147 43244 98975 73821 53717 30198
65873 77053 54126 56108 27952 15996 21166 00898 39582 11301
77118 46057 33688 29914 43310 06212 98308 61609 91528 29916
99339 26472 50212 74383 72916 30539 51371 83820 35852 11760
29167 26069 87585 43484 06081 67235 02075 87652 27632 88987
33056 14884 31558 78230 81134 33643 62408 43816 96118 95681
67484 40005 13048 69929 35067 01343 45354 02037 60866 18659
83586 01747 53630 10861 73134 25286 15849 72217 69402 44961
60502 99819 93854 23154 49766 30904 39385 32896 66647 44724
98431 92213 55447 08665 12288 04428 92022 73279 65042 21600
69767 45940 70586 73312 12252 97791 26121 27965 48459 83689
30605 78778 11560 79817 91594 71694 47160 68666 68876 17359
41953 26061 28381 54368 08726 89936 04763 55980 88644 15522
96127 97467 56774 46657 39320 26296 41738 57895 39207 02338
95498 47099 50418 00274 74154 83216 34954 91402 15720 38916
44109 47028 25813 62767 98160 30618 07190 70672 62237 70913
94062 61214 41822 33192 77146 84617 46316 30854 30359 20016
94120 44536 75120 40704 57638 40929 43194 72065 71674 08485
23987 71866 53643 52215 07278 87592 09030 14751 57273 70539
20541 15866 78967 51310 44396 27638 62710 06439 62170 27450
17945 70812 61648 96002 32039 75577 45122 52539 15151 16225
88561 44464 17068 80541 00106 33541 26959 91102 51306 45865
91971 42015 79562 77786 15611 34577 85187 74983 21850 41553
71537 26864 95890 54754 01644 80275 00000

13836/11163/9271 kHz, 13-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 13-05, 1200/1210/1220 UTC

11166 70202 52894 12081 01579

93140 00108 14394 39571 41530 93434 97203 30878 66277 67901
71546 54335 50783 69011 82398 97109 17286 14956 30744 89291
17083 41500 66779 13674 98206 34087 19157 95717 73967 64327
46196 03372 40822 73074 20014 11446 18992 67269 79492 10227
14274 22744 13038 63010 24477 10164 57060 42258 38931 86308
21118 99044 04495 17868 75648 45503 56506 29948 63246 54934
38114 96469 19410 09293 56423 14649 13693 48711 48894 30750
47213 02773 58434 09291 67437 08203 40622 62895 86195 42678
51488 84979 11849 29432 89310 52454 31564 92354 88844 90635
04614 66264 91435 17552 52655 92038 39445 09829 57918 51306
68431 57349 05237 20370 95525 98864 28875 48055 27431 55756
50063 87176 36490 06121 16206 34297 78258 66388 77679 57489
49020 72631 63169 16754 06674 78782 39477 06820 03449 13924
66739 76981 03862 65854 84997 07684 86374 83106 93040 48523
52175 12612 05489 47372 89527 15201 99020 25299 67126 26114
83708 76976 54890 52731 60384 81155 00000

11166 70202 64721 12082 02039

84879 21593 56780 31268 23734 47567 06006 78370 85122 88861
09150 01951 64892 09850 88731 92903 84000 22704 17607 50446
88208 79654 48992 75980 36169 07137 55957 14326 24317 24023
91332 96997 22023 11123 03965 67227 15432 24140 72255 91402
83435 67275 40917 86628 54210 69664 71902 19085 15755 31825
45418 52869 78875 34323 71984 54026 16044 25826 01455 79424

24578 32740 39960 05201 87570 57618 10692 74429 31016 58525
19468 68724 00557 26542 11031 33452 06304 03611 27000 11248
09161 07893 01418 63516 47085 58835 54840 84611 24729 19136
72891 38377 14903 95782 80235 71739 45281 67368 45892 85039
68815 29863 80834 63789 41257 78026 13816 01539 54266 64655
56356 68551 97506 04849 92818 05959 48196 17487 56531 50097
11530 21089 77871 16706 60416 26273 15272 99675 47974 91970
05063 64035 91219 37603 91108 37864 49374 28406 20158 32821
45252 76075 13865 47966 03142 21950 53399 36581 01631 94882
37592 40657 64812 61017 00563 22751 40305 07647 99742 49888
37532 28337 10262 09208 24681 01510 86605 60030 07805 79669
77505 52041 40482 31464 04984 64273 37482 03764 43497 44579
90872 95942 60121 54276 12006 63567 01695 47660 47820 93651
39887 41064 44898 18692 10110 51159 59714 61657 05206 07178
38509 82201 00000

13836/11163/9271 kHz, 14-05, 0700/0710/0720 UTC

11166 70202 35741 14067 00049 00000 00000 00000 00000

13836/11163/9271 kHz, 17-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 17-05, 1200/1210/1220 UTC

11166 70202 92647 14083 02659
27066 34136 07717 02817 19589 61319 41757 40103 23787 82745
09183 69243 82175 01310 51010 03002 72029 45637 96667 95042
69261 08260 48636 31866 51863 81549 55855 68597 22576 89837
68088 69551 55495 41171 88428 39529 96279 47125 66142 56770
70670 84131 97027 43501 80991 94735 23481 35024 95324 52244
51461 33273 59058 37180 26531 55781 83473 98997 36170 16002
91080 01487 30548 95904 22371 75301 78935 96803 33687 26066
03953 79336 40899 71472 60838 28552 88554 05830 53918 05023
49223 15482 07476 67937 82684 93554 33203 81097 09686 27445
61416 37767 79924 57505 28239 65307 38960 30364 35916 95524
23743 95296 28469 11696 41440 17120 49872 08172 11251 04012
76928 23532 73898 73717 44044 33203 98479 06571 02086 12489
41377 58771 78505 05952 36898 34348 30924 64073 24342 39255
11359 33143 41189 66036 83280 09305 37078 82487 58696 92700
88276 22767 47432 02650 17336 04380 35812 39801 47592 19478
36927 06195 47235 73923 79660 19175 42603 72528 28679 80081
05410 73935 52567 83668 43584 63564 82292 79182 50407 18051
27192 19041 91641 59641 40660 56035 35335 23960 52739 75022
53986 89588 11788 70015 53762 42907 02419 02622 10457 76623
31891 02774 16868 45429 02155 97674 71295 27225 09721 79911
61835 63348 40550 50655 26166 76244 52156 98909 91505 88013
60095 02724 24435 88276 71040 63312 45272 24794 29629 08037
86686 15276 71261 23153 01233 03822 98049 02300 47503 10424
20094 21634 09584 46981 29278 77571 29486 98245 97779 48059
57271 91155 18464 63320 48526 00979 29369 97011 63891 67714
89453 13727 50333 21186 97803 33784 08834 38259 73491 01240
78203 80629 38252 83263 00000

13836/11163/9271 kHz, 18-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 18-05, 1200/1210/1220 UTC

11166 70202 14769 17084 01919
92490 35762 52785 09999 25425 18702 37634 79042 64847 37919
99608 95198 61338 20312 18188 55847 76672 24138 06616 11942
64327 85326 62183 13198 64160 34583 70522 23294 47176 64985
62335 97281 71328 54759 46007 38395 34301 74910 64535 76433
34190 36414 50208 34922 74045 56636 75477 79224 71186 49686
23461 62800 57243 70378 26514 13797 79865 66500 46294 29161
42018 19061 93782 68451 39816 75220 12669 64556 84837 03585
74568 93481 21840 26544 59474 70418 77824 09357 19922 64260
03389 10653 52265 47770 92302 24058 23529 25576 90239 65609
27260 07187 28609 86670 66822 17217 44424 17009 89575 60005

72141 67750 20356 80810 18411 48874 67726 90787 55671 80950
01414 47906 95535 05806 24365 11031 27892 25794 87885 09314
36676 26380 23270 94126 28226 61697 88377 65684 33187 07797
52592 91573 67878 13245 68585 59355 66077 01781 04348 30440
17144 06710 33904 87425 71439 41724 10157 92069 98959 37833
68300 96100 12132 01094 33237 72047 88709 70839 29432 56273
55702 83069 16649 21409 20279 68716 00007 20362 58577 41451
87781 69100 98363 54736 95407 60393 56481 32801 19101 25690
17017 05229 27556 87341 61125 99846 45139 68331 84460 84189
00000

11166 70202 25869 17085 02199
40792 12857 36654 73598 76184 43676 05245 15096 06759 63842
01838 73265 55567 07349 65031 59242 43976 84519 38900 30675
21641 25630 59853 69778 75479 19546 18589 36860 16095 39577
58089 04037 65077 73716 93586 98801 91610 01464 65432 12153
71850 84423 60825 50953 69477 62856 65314 39217 60891 75372
30032 98014 53463 43961 65585 58669 70296 91536 98540 88951
99927 84198 51449 36946 34408 15373 32342 22276 44195 74049
44636 29386 63308 64279 53389 82561 83165 68133 68837 07371
78558 69307 33156 08224 14186 79550 21382 16729 05195 35125
92434 90539 30164 55462 51168 67378 19965 81223 07399 03922
70939 33932 42843 54233 55828 64382 21902 67443 30898 82005
07230 09345 62690 82376 66032 37609 22840 15054 78011 85301
24400 58940 80923 32381 98098 97351 14658 69881 31989 09977
49801 86451 22903 23921 11604 31947 13166 91020 35294 37764
11001 83610 13684 98592 18058 25944 22986 45289 12520 03436
37806 63546 61201 16926 71219 38050 59091 74160 00889 26817
19785 35654 67153 95390 65212 57140 54031 65590 88142 95792
89063 58501 85864 72399 22951 36382 88497 06689 74903 73195
30381 67975 54660 08433 37949 08337 97101 63929 32564 70495
70395 28357 71718 87587 43622 39075 77053 17024 24800 16041
22641 75609 05268 27447 81941 68135 71347 91793 56907 26599
69231 46072 37640 02264 34029 34744 66057 85217 00000

13836/11163/9271 kHz, 19-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 19-05, 1200/1210/1220 UTC

11166 70202 35478 18086 02559
20302 55539 78043 07050 83942 99898 23099 11017 09236 13710
29169 27915 33778 73306 94704 08855 82440 24610 32087 04694
29207 11045 01003 01622 18870 00785 38385 39661 03277 86744
52140 50017 71824 57763 70822 72205 80861 64422 66451 36913
11726 27925 92669 25510 12061 65477 05414 42163 00140 30619
58291 59484 36849 91925 89860 23652 95047 98531 44983 29942
80971 05902 97447 04604 87374 60302 66056 54029 83097 65393
41353 67135 68755 79390 65177 81909 53214 16234 30249 52059
30566 49192 91949 74687 62276 40351 09506 64943 94192 44412
58751 88590 63107 60252 83656 88410 72555 28672 78821 65401
42542 99770 20105 00695 62881 18388 85595 29133 04833 01054
34091 00447 70730 02878 33293 88962 86289 97811 54894 37789
65267 20737 78748 48408 01185 44802 73304 51619 65782 92449
44504 20761 18900 03578 70323 13165 59472 09259 63141 50761
72323 84475 27132 75788 50453 78283 02866 42532 97496 44862
16299 31043 40044 23882 74348 93757 04519 43621 74240 70975
38285 45275 18807 36112 79688 51900 54934 56682 06709 30411
77342 81938 18907 20100 64878 93111 32370 26080 41526 77181
92323 01119 79301 10123 33113 64283 85236 60564 40235 29842
39627 49788 94101 44852 77742 29021 00237 58885 32179 59945
35585 74312 78040 09371 65616 50590 48148 94005 11926 61002
10443 36257 75004 25261 24800 17010 41873 66441 21409 36316
33274 65658 67936 17927 70086 12945 17636 18615 63687 77745
55607 28215 59906 47492 85390 71328 91295 07674 23070 46623
17381 61846 91097 64668 57587 15031 29001 70244 46537 68917
63177 60062 66385 86253 00000

13836/11163/9271 kHz, 20-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 20-05, 1200/1210/1220 UTC

11166 70202 98241 19087 01559
93790 18694 49938 59933 04492 53735 24926 94228 74994 12607
07221 26144 40584 89675 33376 37053 76178 74740 03440 57449
60483 67555 22307 17448 47275 27993 19294 88406 92248 04039
56871 70350 08875 04813 64495 04874 51689 10790 58477 18231
50472 38415 33819 24281 43732 01309 38967 41988 84955 35234
69408 07157 20039 79021 41052 83096 59352 28643 29334 99896
92872 06612 84984 77006 21816 13909 62391 08796 05215 56608
21495 17796 44873 64405 89162 05310 57135 43219 90967 54061
04914 29074 89316 62590 88405 35423 88868 16073 17935 11135
95164 23252 17368 51297 37430 74169 31527 28048 91466 98393
36051 33611 63579 28408 73126 52724 21483 97879 61542 06656
83112 29463 54498 35983 99283 91855 43598 14335 91133 30771
32482 10271 28297 03527 28515 39499 58726 71934 25986 74612
26121 33178 79245 04530 35887 93366 89224 60830 55571 13452
51766 53177 60705 82192 41215 81000 61992 95865 27696 13647
74790 49393 51518 87153 00000

11166 70202 54367 19088 02659
24977 85342 36315 80170 85839 78298 46937 75668 41194 73981
67848 32459 85056 86491 64647 29000 37035 25464 18487 10971
00109 53723 58122 70268 49370 99734 65887 93638 68908 10767
87284 29364 79019 57722 98871 45463 20951 27563 14141 77831
91333 64267 32071 91754 43526 44271 58048 05244 98030 97302
51828 47624 29180 08580 82246 51811 20285 63282 93344 03724
04424 19255 11623 97253 33061 18863 49078 68244 39695 75948
81742 05915 90698 98828 08392 65151 40570 35253 19119 28131
33750 50280 28454 88682 20224 73002 52734 57851 77065 73053
36385 14087 53141 52833 56821 46497 79129 66407 62654 64614
10078 00985 24878 73087 92647 81949 05734 34767 74270 87352
74944 70599 96377 82818 27990 69780 38900 12799 86128 08592
08225 09111 82837 01374 85799 02701 66374 32065 79566 49562
73134 39738 45416 06760 51492 56585 70848 19478 40832 21779
38025 05053 35426 19649 08412 44908 87874 15611 96184 20340
31779 88296 22588 53086 28344 81296 68451 36618 66588 22986
67025 69098 71862 87840 04343 23925 02347 97704 19283 18822
38236 86430 20541 69393 93276 76339 62662 38098 03360 39932
48362 14559 71854 45294 49294 88167 76360 08628 62462 98909
66581 02354 44473 77345 07996 92210 90797 09696 51011 01804
52247 88954 30306 28026 05840 37981 24020 55798 22252 15502
27509 45564 97033 40951 21330 91974 37793 99109 38152 77203
24508 10461 58285 67324 85187 78198 88505 25199 54038 47848
03872 38304 04348 40411 57215 84930 73255 44983 85994 87210
20615 81793 71199 24389 89110 71574 27998 04791 57848 72229
32800 19920 06580 68720 16442 29115 32761 27114 78173 48220
88631 48722 00124 88263 00000

13836/11163/9271 kHz, 20-05, 0700/0710/0720 UTC

11166 70202 57924 21037 00049 00000 00000 00000 00000

13836/11163/9271 kHz, 24-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 24-05, 1200/1210/1220 UTC

11166 70202 85421 21089 02339
08792 96454 19107 15483 45205 19273 73170 66829 12830 40683
40696 27031 27789 90591 92665 33302 62644 39310 93121 43229
67222 20407 07141 43409 55536 84115 61649 22246 13531 54750
26244 42846 07295 90566 06235 76945 96460 69493 65072 85812
82468 49186 18359 59063 46372 74837 66634 47315 55892 33169
59112 49639 46391 76062 05563 41721 05459 62249 78531 55694
15806 90511 73070 47563 36140 22817 16186 13164 24719 20839
43168 38597 35266 44286 83014 96072 39941 84497 20117 21102

59042 31713 24409 31971 02141 99486 67149 77440 50326 54660
64552 23606 34247 26339 16421 15856 87650 92314 32003 76859
81090 66363 60227 26535 65498 34859 66533 34923 80308 16142
23462 43908 05822 41083 07212 18728 64489 78266 17329 15203
00820 52253 61740 73625 94573 28333 74301 75251 86959 62231
57044 22319 24499 38185 64335 27546 50251 43840 71101 24039
97101 55403 92330 31541 62771 31480 46033 39976 71266 39050
76839 96206 50433 59997 82437 04960 80318 51659 10028 79839
92013 59801 14979 05388 21679 07482 98887 96109 49427 08231
69216 63407 77759 76975 87697 26371 29245 37171 99699 27343
68112 47546 61734 38214 75472 96923 09298 68376 32827 40542
32232 10271 93572 76320 49787 83476 47180 84496 02592 63267
05736 79091 03689 04581 67534 44616 15850 97332 37407 56482
47350 14021 08484 08529 83378 35549 35057 96124 95287 66208
51257 28271 94855 73760 15208 67147 25766 15557 83363 18532
09471 89231 00000

13836/11163/9271 kHz, 25-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 25-05, 1200/1210/1220 UTC

11166 70202 47391 24090 01499
93340 32073 50905 89808 27378 52291 96209 07605 23812 27109
10376 63093 45919 67892 00209 15168 87552 15863 06554 16771
31955 54883 61988 72064 81365 78251 18520 43704 37114 07930
37500 71138 34897 89657 58929 85887 64911 12379 92344 34731
31537 25422 96475 46743 32270 51874 39859 05112 60562 21583
59598 09682 62296 72224 60452 41158 00541 91872 21447 62906
08306 01519 02190 21286 33974 00957 66086 30463 09090 26496
62629 52625 93202 93923 35966 09551 75445 25160 51911 86455
37547 82035 60623 14073 07945 55648 37089 39882 61711 84711
66649 24444 45961 01349 67716 23765 35432 27772 68897 43641
47940 72266 82687 76901 74371 97935 42945 59512 02926 62640
98315 06454 42271 53557 78803 13330 73330 64812 77676 34629
84348 91617 15883 74593 68963 39342 81188 51610 91943 70972
59195 22088 52297 41378 98451 74734 98421 91839 76824 31185
74999 03268 61334 13921 06317 31544 78631 90147 00000

11166 70202 29713 24091 02259
47389 44067 77552 45964 70509 18476 73621 96340 22073 22271
60263 56855 05995 72750 87621 71463 83240 55676 64160 55790
73504 52410 86117 13184 79254 78875 26061 46189 86822 09771
47689 99362 24233 86473 39111 94371 80464 32069 81756 43320
15818 21958 97123 51231 18082 83451 38544 43631 84201 22820
20160 80166 32104 03217 00289 40190 72402 21916 61371 91263
94640 60307 53698 76507 47782 05086 95079 81725 19627 64055
43670 68269 44827 25022 86118 82547 96224 31170 08244 78141
39163 71389 40413 11452 53473 08982 94816 96820 52835 97182
36823 32063 56179 54935 57605 30344 90829 01357 40222 19342
32073 72332 36351 93639 08845 67680 95838 31263 30207 02319
16289 10334 12321 59866 04839 86743 10597 72134 69350 18807
86702 72927 81163 49824 65127 99599 76632 84493 58975 40801
89614 20100 69698 53859 32102 18440 90428 00215 65189 29396
67621 72374 27558 02111 00684 10799 13669 44702 84273 34166
18847 18441 22968 31461 93452 77348 72986 89306 73318 89138
90636 52998 78643 98439 92204 44659 98536 18246 54945 86966
03386 60527 13879 05876 52246 41936 34075 10795 87447 25548
63113 75632 33578 84576 93406 69157 43063 98998 89070 08127
55510 21026 57041 31587 63011 70363 67110 19819 98583 45192
50576 06343 89955 59801 32197 56423 45858 44837 75128 10527
67032 71067 43542 16148 99125 82632 12605 96454 69679 50699
80505 29192 76371 91223 00000

13836/11163/9271 kHz, 26-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 26-05, 1200/1210/1220 UTC

11166 70202 36957 25092 02119

79479 71559 16831 09569 40250 29033 76894 96304 20771 39565
37862 85950 09355 65797 93296 23057 87418 83141 36927 34638
56912 10703 86028 90841 62386 15349 70531 94217 56123 31120
98783 52298 79768 61142 35912 13167 60908 54265 55727 68690
48027 73581 52086 55132 32273 99035 20681 05803 29490 31297
47160 35452 20927 89094 62549 61093 76089 17196 51884 88927
06150 47210 27004 22087 21359 78424 99453 68847 90908 70836
14406 56030 28667 67582 31568 77261 53227 88954 63992 30783
95717 65178 10735 26503 53799 00154 44302 66970 15290 83341
38819 31965 99859 91972 49856 21384 92226 50789 81856 36121
65297 41481 04091 01622 16682 79027 01100 63799 67028 97115
68531 11998 93610 09823 90331 08705 97606 41769 58225 30680
28509 43903 19411 51197 14096 37125 63422 18096 69411 50926
84084 07309 83184 49241 77504 56577 05128 60687 62037 09021
82552 55390 31161 21262 19738 35579 75198 15787 58490 32140
32824 82237 03334 24307 58296 57306 39766 24694 15347 37944
19014 96842 33666 07546 07740 97475 88929 79819 26119 60645
92295 90014 22735 65964 00306 88201 59731 58110 81141 14290
06652 09780 98163 59473 66412 45292 96674 43785 81836 67022
04835 64460 96196 51857 84688 94777 66198 09854 94215 38084
50836 22297 46357 66680 24576 01335 75953 00257 88285 92209
00000

13836/11163/9271 kHz, 27-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 27-05, 1200/1210/1220 UTC

11166 70202 15937 26093 01759

33842 19161 57712 47967 00347 60750 45285 55350 41778 75160
76938 28322 63677 87333 38584 77481 99187 38743 91380 52540
91472 93225 69625 75544 78570 55018 39684 79272 04134 16183
05892 80495 02480 75624 74366 42786 31397 96868 10669 08574
51142 96806 52247 05114 73070 82572 61606 54079 26323 78760
31131 39450 16030 12163 75517 13390 71443 46210 72731 44802
07460 82306 39440 40242 47949 70250 51858 91887 84346 94922
47935 32247 67927 31430 71838 00284 59218 85897 46645 48668
82970 64088 86204 46822 62138 35045 82095 59447 29299 81939
26617 05242 38950 57316 57753 25470 29126 84912 37049 17086
05765 75260 96330 10096 48271 47231 14214 93848 59705 72737
08336 21931 10035 86755 54244 50376 45899 29879 66884 88849
65308 15566 05624 69514 80721 39296 88747 63265 18945 71795
28365 98005 31283 03544 21661 58662 12378 32724 59439 73638
51179 13831 37879 17361 62484 09105 84457 83646 72475 09981
33975 09544 56704 20756 15600 54356 53952 21641 36904 63530
04408 53398 75793 72086 85598 90747 16300 27300 44512 96732
89143 35295 49352 93173 00000

11166 70202 26485 26094 02119

37186 15620 03894 74245 38211 80646 38585 45801 37955 46520
90343 49631 47821 77068 87351 46934 50245 41670 37525 57344
18660 58837 65128 35752 70372 04332 70143 62903 88281 63531
08831 41948 72392 32717 18917 18138 07041 98973 37851 63851
54784 53392 87565 96145 12894 17259 24175 19009 93372 85920
76058 07509 12457 20019 18751 76025 00516 38764 60100 97751
68309 94956 34104 67647 90527 36430 26880 26049 92549 83609
83205 85097 51364 77870 67056 25195 46595 80381 74589 53664
22548 26131 23004 42806 47243 62810 63719 89533 79350 29249
93306 63784 78972 53092 60607 37879 23220 72399 93493 14033
12499 10859 93678 92194 78465 61299 73041 45409 29578 57197
29890 94882 95179 36849 88604 01943 54061 29922 51096 19086
58425 21037 33518 67290 89203 70104 86669 31782 03661 94081
23532 93452 61212 39840 02365 38108 38419 02838 38810 10732

69056 71276 45436 06957 70241 00438 22164 18940 40517 46881
46006 77805 40855 17193 33556 59867 94498 10972 74680 48806
66601 62743 60830 70986 09578 12486 56419 46117 85118 59455
86712 20417 98807 79003 40649 74495 08267 07068 12050 23133
90778 22023 27635 49127 81313 78592 35302 38428 16916 73483
51092 08714 48360 47464 88285 48624 05042 53538 17060 09813
24021 45934 28163 19033 79170 69576 99013 02418 71353 94209
00000

13836/11163/9271 kHz, 28-05, 0700/0710/0720 UTC

11166 70202 54796 28056 00049 00000 00000 00000 00000

13836/11163/9271 kHz, 31-05, 0700/0710/0720 UTC

12194/10523/8129 kHz, 31-05, 1200/1210/1220 UTC

11166 70202 65327 28095
02939 66927 51723 36962 30210 60584 02263 30539 50458 63376
22717 58917 91148 02128 99514 90836 53966 50177 98942 30653
00307 87631 62133 62028 13507 31241 48197 32355 64678 82338
67693 88829 36848 66294 73609 02129 87087 61896 02055 38621
51316 44123 79850 67048 21465 88726 41194 10624 49699 12066
20600 80465 59368 44642 14293 51331 67393 61752 27250 65560
47757 19715 48072 76188 90802 71098 18874 65149 38015 57389
92381 97520 96985 02546 93429 97736 66227 55856 27030 58715
24555 57560 00224 19825 64696 25662 49876 74648 75827 87365
93625 94461 04724 03582 46162 78368 50217 59940 68023 66049
70629 22736 39100 74022 08891 83261 74036 41400 65022 38953
21709 96036 70661 84791 15978 77038 45332 13393 69897 74547
39138 47227 30564 72756 91572 51409 36804 07079 61124 00485
46875 71418 05375 97668 28380 36475 16268 69948 27568 65017
40251 87517 60226 35077 37957 80956 91334 06977 63127 54601
95680 95155 65468 19549 16616 30707 47110 94726 65150 25587
27370 49458 26560 74409 95511 85983 66702 54786 56165 85347
55232 12133 97125 65111 47894 39886 34192 22310 95082 91073
12749 60113 68865 82163 70772 21604 25648 75137 92952 79127
46670 48724 10612 52648 23520 94736 27112 55540 80862 00430
73443 91265 53551 02850 23671 49358 60334 26076 24932 74173
41320 37324 21674 04820 51402 82825 78817 09726 26837 89432
33534 64267 67140 42886 30319 44905 99511 78675 19059 38261
17967 46439 20776 88567 14358 33836 90723 31946 43482 60822
33552 90928 89457 80286 50193 27674 25554 45957 21184 79314
84672 33543 56096 23865 82651 26028 63774 50145 61602 99065
23051 30128 45434 67412 58647 17183 24797 78321 51934 18625
13585 62864 41242 16021 44220 81081 91409 31691 93896 21937
37262 64829 58956 43978 30696 45702 19610 67668 46074 81341
62171 55310 95291 00000

Link 80214

16328/14358/11146 kHz, 06-05, 1330/1340/1350 UTC

11166 80214 34568 06025 00049 00000 00000 00000 00000

16328/14358/11146 kHz, 13-05, 1330/1340/1350 UTC

11166 80214 35791 12042 00049 00000 00000 00000 00000

16328/14358/11146 kHz, 20-05, 1330/1340/1350 UTC

11166 80214 61248 20094 00049 00000 00000 00000 00000

16328/14358/11146 kHz, 27-05, 1330/1340/1350 UTC

11166 80214 32564 27067 00049 00000 00000 00000 00000

18626/16245/14440 kHz, 01-05/02-05, 2100/2115/2130 kHz	File 04466 (976 bytes)
18626/16245/14440 kHz, 08-05/09-05, 2100/2115/2130 kHz	File 04467 (1024 bytes)
18626/16245/14440 kHz, 15-05/16-05, 2100/2115/2130 kHz	File 04468 (1088 bytes)
18626/16245/14440 kHz, 22-05/23-05, 2100/2115/2130 kHz	File 04469 (1024 bytes)
18626/16245/14440 kHz, 29-05/30-05, 2100/2115/2130 kHz	File 04470 (1024 bytes)
7397/6885/5296 kHz, 06-05/07-05, 0400/0415/0430 UTC	File 04473 (1456 bytes)
7397/6885/5296 kHz, 13-05/14-05, 0400/0415/0430 UTC	File 04474 (1024 bytes)
7397/6885/5296 kHz, 20-05/21-05, 0400/0415/0430 UTC	File 04475 (1088 bytes)
7397/6885/5296 kHz, 27-05/28-05, 0400/0415/0430 UTC	File 04476 (1328 bytes)

X06 - Mazielka

13415 kHz, 17-05, 0725 UTC MFA Moscow clg 263514. Probably a test transmission

XPA1**11169/12179/13431 kHz, 04-05/06-05, 0710/0730/0750 UTC**

214 214 214 1 214 214 214 1 214 214 214 1
09732 00172 82496 94460 67494 58110 17285 30143 54715 47348
27924 23309 66969 49357 97258 03334 41486 55552 65244 70000
69460 53827 69059 94831 18372 60348 98277 16894 95558 29828
54042 17897 77570 04427 46848 57654 69282 86595 68259 27612
46815 43556 24450 75240 21198 15139 65525 68238 71684 05422
96900 44759 46836 90902 20778 11736 65872 79110 64548 17414
45344 27047 03242 38593 49642 63886 63653 04543 36725 61429
99607 95751 89626 41918 42778 93485 06757 69183 45976 11005
22933 03723 79564 65733 48800 68455 20704 63821 88990 87532
73991 12047 39683 52983 59090 86332 44589 13878 09304 18824
33989 09503 67324 96519 13411 61641 81530 16208 75280 07422
29457 64008 23349 42863 55422 73279 34249 18011 87620 53805
25898 91196 95567 58320 14147 24637 97841 68537 03546 13405
23393 79946 13635 59324 20930 73808 78904 83422 69283 76509
42820 30865 74776 68546 15277 50151 92064 44131 31803 14957
78034 03764 36606 44419 88727 00937 00153 67601 98442 33885
82466 39893 72246 53435 65744 81103 01317 90489 41063 17570
89547 96956 26959 04043 01731

11169/12179/13431 kHz, 11-05/13-05/20-05, 0710/0730/0750 UTC**11169 kHz, 18-05, 0710 UTC. Stopped during the intro**

214 214 214 1 214 214 214 1 214 214 214 1
00337 00134 44666 89898 36275 96647 86586 46565 12612 92591
93551 39760 32701 58716 92801 16025 20407 63353 57248 03189
02190 01149 55800 72384 54583 74888 23694 28973 94604 89040
60345 91756 58477 05238 81600 40877 76781 88840 87167 68287
55553 51999 72697 82345 25282 08716 60712 87733 55099 96479
92498 05128 95903 38053 49238 09680 57875 92224 67393 49705
48714 90362 77058 57240 76032 50583 80760 34968 58985 93978
82532 63665 99699 77313 34379 14077 99829 54678 08478 02606
14906 63828 46255 43240 03789 62015 86688 90730 72090 27850
53307 31229 29717 75427 22435 82767 56183 53359 39164 37213
65415 38270 68239 57887 91272 77300 76390 79140 91626 85000
34733 70814 43351 04661 40991 31541 92781 12445 29275 35121
59429 08405 58323 49360 60763 24582 76373 81087 87775 38883
44486 20587 39607 85601 00238 44171 43444

11169/12179/13431 kHz, 25-05/27-05, 0710/0730/0750 UTC

214 214 214 1 214 214 214 1 214 214 214 1
00466 00106 59905 64393 53672 82831 13077 45256 79296 28908
50249 27694 69744 11616 48721 19484 79802 59517 60383 84987
72035 33410 37906 22591 95187 06433 36357 08167 89057 82917
85784 99428 99136 50282 78622 95401 59733 69041 50138 67807
90250 06089 30382 80499 04986 34372 42945 59666 46844 75285
05791 18069 08652 72310 17231 28545 67352 35081 30773 80572
19899 85697 04479 68344 79383 35766 16691 46401 73038 32935
93627 19724 74994 17784 59854 08432 43902 76742 04468 33120
77923 04040 45392 31724 52528 33665 57422 87402 39999 14228
16861 81559 75146 40379 46365 20288 89473 29421 40920 08775
40410 69799 96197 86453 55965 99975 18358 07290 61272

13419/12219/11419 kHz, 05-05/07-05, 1210/1230/1250 UTC

424 424 424 1 424 424 424 1 424 424 424 1
00198 00114 85469 25476 11298 86258 36444 83561 54662 68391
98383 54548 35639 89652 10467 06376 76307 93741 17189 91253
91265 15489 12702 94416 65695 16284 54789 60788 41160 31940
97011 17426 96769 35834 92099 96497 56761 88468 59395 23039
83473 07892 37936 75484 43959 70886 30703 60237 41055 52647
25605 03719 81579 94183 90034 14484 33821 39411 74577 25629
14789 05584 71056 71255 10634 56585 81985 86883 12126 61238
71353 71708 18774 24374 35003 12580 04112 13815 07012 52857
01590 57035 19438 02481 17890 24972 67555 07542 09323 33700
59938 66613 57527 00939 24792 29119 39357 23311 84574 99039
65223 77102 97953 43785 29159 59511 50524 84669 64451 91996
09439 74372 15988 36921 82701 58251 46722

13419/12219/11419 kHz, 12-05/14-05/19-05/21-05, 1210/1230/1250 UTC

424 424 424 1 424 424 424 1 424 424 424 1
00199 00146 25088 25478 47285 52019 73954 94173 04710 38990
91899 09556 52163 38829 99254 87165 64675 00635 00110 68185
50746 97688 87107 27854 50472 35310 54758 66822 21793 90875
93973 77230 70903 46922 29005 32959 95273 68455 88168 21681
32497 29207 07713 72718 27725 44672 74466 24989 93541 54623
76630 55564 81255 85884 24781 39262 67064 85412 97166 21889
60978 88343 45741 71898 29175 59408 99750 63583 13398 07351
39044 70851 27746 69145 19216 51890 86183 90730 86428 80924
57943 67753 78891 83108 22872 04882 13572 67132 37097 50493
70884 76153 42612 15598 46438 60371 64695 50199 52412 17130
76492 03286 55645 84873 96427 95430 91264 24309 89184 19679
30781 91108 47161 79326 07713 76739 86061 73938 44390 70488
19035 78563 94403 99710 72813 74438 79149 58598 23117 71692
89784 23421 14543 26986 56093 95868 16453 76114 98866 85140
35949 29703 88391 91406 98269 61518 83478 87104 50322

13419/12219/11419 kHz, 26-05/28-05, 1210/1230/1250 UTC

424 424 424 1 424 424 424 1 424 424 424 1
00383 00182 38567 47947 86281 95168 77066 72977 36156 38320
33164 58117 85590 09020 45829 82443 81893 88843 81371 14574
04035 39619 74936 05771 83512 62606 33624 82120 83211 29653
67388 13793 61529 80448 54820 32953 10317 08891 12755 72970
74876 41361 46031 29514 44875 86089 40107 31946 45623 14016
13623 74494 85058 97935 31085 93923 40784 47361 50824 53286
17537 30985 83684 77974 34020 04540 21226 97959 86090 04916
05196 00279 72003 76214 07438 46277 28181 56606 16343 56151
77483 00280 81205 91248 45331 55083 29853 94674 57455 85949
92672 04915 79010 39200 30185 22435 68945 86534 41865 91426
36967 92057 28281 18731 12600 91156 10306 47779 36047 75609
43180 09371 89183 41444 21187 21036 09999 03250 45489 31063
28824 68908 88090 46797 85834 68389 33422 52953 65052 50054
52720 99489 85999 37980 67751 09070 54334 03226 94670 54711

86172 10586 07309 84510 62057 89391 66616 93537 99943 41191
73811 49114 59265 25988 11877 37193 27556 47835 28538 32396
32922 71625 87692 69370 34900 10595 50324 43885 48496 45524
51454 71971 86142 03309 13802 82526 80643 32671 50250 20257
22867 34105 31978 64898 07257

12186 kHz, 20-05, 1000 UTC

I received a recording from PY. The frequency seems to be a bit off (-730 Hz). The correct frequency probably was 12187 kHz. I guess that it was a test message. After ca 3.30 mins the speed increased significantly.

999 999 999 1 999 999 999 1 999 999 999 1
00945 00795 78661 17484 68736 32195 48002 20421 23335 32182
38906 13856 73945 29416 92902 40801 48249 31745 50396 37803
52522 99692 14307 74969 27007 42710 67772 19488 33173 81436
90635 45109 75063 95282 09256 18748 47889 96103 47002 71124
25475 81904 25074 29604 49388 88408 65962 61121 71425 49859
00008 09706 55154 21964 87772 32222 40911 68075 38841 27465
88118 70577 68342 18797 01104 08123 14232 85870 78846 12193
62863 82350 99514 30995 12333 91720 26022 95639 19557 33857
52619 64971 71202 12683 27113 60835 17477 32128 53273 74451
34119 14645 13598 30297 23769 36015 10975 44908 81535 58089
29994 56154 10062 94665 05212 55725 67459 06693 17760 84587
17252 88984 00350 25644 96338 27158 39019 71140 43779 21111
73278 69611 89075 31830 58923 50045 74448 52519 66666 78022
82237 82651 51876 35438 21413 73065 23693 40664 57384 53018
79796 82669 92623 76610 39919 18584 78233 01109 37246 72375
93461 92203 46920 41966 52790 87016 09017 29744 93277 92358
40579 20758 04132 76128 92394 46563 84236 86978 72198 87292
96464 75296 97351 42377 16163 02566 55653 17110 86817 74585
58578 42575 20300 10461 84568 21675 94726 33565 20824 93087
79835 61285 46770 74040 42729 68984 53080 78104 41174 65569
05069 47908 02660 02961 98611 01570 76295 16828 07480 01985
07290 94145 40684 37764 80174 50287 22059 22821 67593 66462
71723 57311 96324 74033 14995 40316 89963 96690 07232 85601
51029 51796 69408 67485 42640 19917 58058 31138 13656 05503
83641 11031 78526 31181 07875 84545 29039 87559 22604 75039
28799 41847 83906 73883 41295 00593 90858 04013 02048 11030
69751 77676 80733 53209 78903 71067 68419 25975 62019 49311
60413 40347 19947 89965 32258 76967 11975 86899 70419 17327
07920 30581 70267 91294 59268 82343 14962 13620 71702 82021
85110 21676 39761 54731 73250 80406 46677 87824 13835 74032
48410 49298 14544 14912 88280 46677 90642 45388 35088 29797
35285 52906 75030 53218 90067 57170 60871 74745 98653 69923
49136 21069 45827 96663 32299 57124 26707 61160 92226 83362
40550 04613 62712 13174 90670 69460 77327 67514 54333 72447
78900 38805 06790 89717 52584 55692 99995 90034 57768 88335
12845 25629 03815 01736 26457 71277 64332 05462 32441 66185
93232 16876 10814 13611 30672 81176 56559 44992 81681 41950
62440 84637 98556 05600 10164 83595 47072 10620 59255 55374
84566 36814 50506 52082 49885 58821 57186 50905 95080 74100
59517 49626 09413 43977 68392 78782 57168 15615 53182 74981
55166 76264 12636 12390 24109 63680 12285 38002 99927 82448
46660 59050 37477 47302 65458 41086 27007 80761 99798 76761
03578 53728 85518 80534 05045 42559 98998 85901 60824 08707
64146 84016 15666 68949 18883 26345 82453 13547 90718 60512
71097 97986 57588 83883 52811 49681 03118 26914 96331 14252
35123 31725 68147 38319 15453 87602 52502 00787 89789 40655
48562 33055 55377 89402 94131 62898 78520 98797 00382 69596
40709 12676 42863 05103 03504 17726 11071 09692 02081 68560
25344 12642 75004 93788 98358 56049 53804 19783 14461 19931
08142 42827 53648 77144 63162 32433 63635 25791 92923 62759
29503 43788 71167 14668 74466 42125 08235 64646 33405 02339
25270 09845 13362 89301 20902 87744 63575 10687 33410 77842
80726 44019 22899 76849 71828 08564 66414 13128 20195 50500

35439 94265 53499 55809 06567 76938 61567 11606 71990 65959
00127 67536 77224 85674 83615 86275 70247 95110 71588 42014
34943 17367 95527 49627 77174 17578 95193 47782 43449 88003
49327 93479 20304 23427 66188 81040 21290 64372 60833 21466
03385 78911 77210 69824 53102 86691 78387 19937 12042 12435
68855 90777 79618 22630 76095 37199 00334 14930 65446 01483
07179 69562 10148 10507 99009 12246 90688 05874 57697 79191
09698 37200 67968 83742 05588 73774 87411 91226 04360 64997
14531 58072 48319 88788 85412 44204 85330 13391 85142 56059
09984 26406 67830 19161 42148 68354 05150 03684 35928 58531
94939 06442 36810 92596 22956 74796 46613 30938 86493 60910
64585 69501 23081 26194 05127 15539 72764 30255 23233 89818
02679 76327 80507 77610 28347 83701 80351 19843 63344 54425
13580 81273 23368 78030 76458 41925 71147 62370 27524 92988
53829 24167 10800 06128 16558 82925 57193 55469 97815 35372
80692 09702 51106 74188 14652 08885 55217 18445 96310 04090
63348 32671 25976 65433 89104 82591 12791 44568 74467 05835
63501 01942 65258 24945 27031 05355 20702 52785 46931 14818
16612 36053 13957 37833 54008 88622 66043 49170 94292 24452
96606 21390 37051 24641 02941 30866 65477 69878 18703 61083
78610 00271 46121 53137 33160 76256 72953 08460 99215 71587
74977 99862 15256 17025 29194 93851 66798 90947 67420 27431
48792 42510 30457 13415 22503 38444 46173 40705 98072 13629
14165 48571 95274 57463 16668 63902 19102 30899 30527 96253
86259 16743 85773 51783 32467 68352 29756 83428 76470 66439
56083 36906 32137 42989 61593 55043 09853 07708 25836 21670
05453 74846 68311 56680 97281 30615 35926 14962

XPA2

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

06690 00001 00000 34267

15938/14538/13438 kHz, 01-05, 1500/1520/1540 UTC

06289 00001 00000 36666

13376/11576/10776 kHz, 02-05, 2100/2120/2140 UTC

00203 00222 03585 99158 05483 43629 78913 00937 24097 56033
54723 28753 51671 37924 21333 68228 71528 30335 14021 87965
32719 10919 55122 28471 22195 57593 80611 22812 04202 58087
94386 69726 36314 61542 65062 83415 27943 53775 61110 11940
45856 35390 27955 89098 58869 57260 71458 33254 69526 78851
00004 77914 40660 20901 11558 02251 90812 54119 51376 09098
20940 33761 70346 30223 87122 50799 56057 64108 67879 97127
91751 16806 50541 00748 02516 44368 76411 41112 62558 96809
64480 07738 13906 87679 03522 31419 75569 81611 59638 93034
66849 33126 81940 64179 57583 39180 70945 77950 70979 27288
43981 61820 35660 05795 09903 10226 52280 15625 03388 91230
05125 02494 42085 87855 37335 43689 89875 97547 25215 24769
57411 08072 82615 68914 86665 68014 45696 01014 41408 76308
55325 35124 92490 12774 75175 40215 86155 35816 20669 57822
47125 61474 03826 34729 64237 09933 41929 95836 73691 69682
94643 51859 09421 71995 75407 74917 38442 30379 66188 36633
42732 59300 38261 87595 43730 54040 66396 98448 07866 13141
02173 11550 75781 36359 88678 00272 28106 75147 61154 19686
57911 61925 13385 75183 21238 72718 27054 47952 03881 52820
71937 55045 71230 37035 66567 16341 03764 86626 47893 58472
83584 91210 96029 28933 81664 72475 25658 72228 28491 10346
96996 23013 30748 16201 30511 79924 96679 99240 07707 04493
35503 21772 34768 52780 26412

12148/13448/13948 kHz, 03-05/05-05, 0700/0720/0740 UTC

08220 00184 53007 24934 92281 91465 84584 14937 65015 73722
38657 87377 69955 10265 73102 19703 74752 12298 28907 41794
30924 06524 82644 09966 93001 96220 78656 91475 70084 55879
45904 87395 37930 73965 91505 85517 41146 24497 91979 43286
52568 80307 80693 02314 97547 75211 05615 58085 38625 09118
35368 71859 18515 58555 82354 66579 44440 20653 07438 14686
47717 21546 33464 15420 75017 22247 25352 35726 96320 85766
10453 20320 03216 61269 17599 55905 18584 62938 45118 66503
52816 54996 70947 07571 66198 88016 82475 13642 87489 46892
41869 49581 44189 50212 78051 38542 58555 53738 52341 67516
58229 99924 45113 72341 84833 74691 32924 94252 59704 32120
93687 57373 36251 87753 36407 86286 97957 13871 66604 19108
42574 20898 93039 30297 25512 47016 66816 30074 98404 78930
68429 21809 53758 01180 86224 79404 72558 00651 74693 39865
01609 30734 18410 27373 20485 09646 32275 29857 06928 02773
69465 74943 55781 59482 64751 74254 17527 85385 39223 76116
14469 26576 21913 50920 45706 43811 44111 42443 57455 97120
43956 33933 94245 14090 24009 40598 30681 29160 21013 82630
72691 98415 68886 07318 42039 09632 07550

17431/15841/13934 kHz, 03-05, 0910/0930/0950 UTC

05217 00001 00000 35656

15938/14538/13438 kHz, 03-05, 1500/1520/1540 UTC

04109 00001 00000 36254

16159/14359/13459 kHz, 04-05, 1100/1120/1140 UTC

02975 00001 00000 40261

13538/14438/14938 kHz, 04-05, 1600/1620/1640 UTC

08256 00001 00000 35265

13376/11576/10776 kHz, 04-05/09-05, 2100/2120/2140 UTC

07454 00166 20517 20633 71006 32658 46501 42417 80728 08808
54345 48247 04305 33495 77045 55413 95622 27185 07348 22159
44928 33894 23382 39954 92527 89375 34988 47226 94356 87609
57626 45768 39452 14220 29860 39256 04536 03426 10593 45120
22238 18878 93991 77705 28618 14080 84806 56422 63404 50806
67632 55767 37909 50370 12537 88309 57544 01469 91083 93440
53124 01780 58032 75353 12595 73057 42355 78634 83973 73934
47962 64379 27868 97486 05570 72710 37142 28043 41646 94495
91862 16028 02096 70823 17705 42899 95052 74338 39396 22608
27997 14622 12438 86106 80538 25185 01142 54199 88748 47485
72017 61269 28204 47923 99228 88512 32271 46761 95577 31010
69218 65823 34445 88849 28068 83794 88526 80177 23532 34096
69588 95428 46982 24081 73917 98896 12900 11745 66731 86103
80902 34250 96208 82808 01673 66085 65774 58972 94414 51517
81901 33264 21058 01016 87675 25750 84890 96443 17776 03496
12580 59953 75669 92169 93141 06590 23698 21290 25690 18899
53974 76199 19534 31424 78798 07869 23807 36454 40553

17431/15841/13934 kHz, 05-05, 0910/0930/0950 UTC

01073 00001 00000 32660

16147/15847/14747 kHz, 05-05/06-05/12-05/13-05, 1100/1120/1140 UTC

08233 00051 54630 85011 20115 56049 56092 30464 86184 84584
95035 93360 15135 90155 73835 66202 18002 01863 56615 47943
19538 26845 39542 20775 82102 77394 17432 28724 64893 43371
91978 84323 08462 24151 06276 23044 48259 54167 56587 60729
48195 37616 01484 17848 92536 19255 42084 56703 86355 91002
43184 96961 78654 25463

12124/11124/10624 kHz, 05-05/07-05, 2100/2120/2140 UTC

09297 00168 97739 63303 64177 56305 63675 83420 46502 92104
40481 84503 63689 90457 78253 54872 34904 81338 40303 79146
37530 58960 27093 73504 62630 04673 92106 71463 86721 92890
32284 44643 53157 47855 66081 76144 43321 55335 30775 06970
48274 44829 00376 47955 06341 36924 56834 12534 34723 95791
77793 42693 39855 27808 04579 95681 20189 92184 93807 38228
45509 41004 44209 87392 37057 11811 37092 27649 56762 41050
55237 01012 88056 89108 75277 82997 07521 11955 36832 68973
33550 55332 25691 01903 09807 95927 76873 60982 78290 52115
07038 39804 40802 78204 09587 51790 49029 97368 04209 69976
50610 66104 82747 59657 44225 79428 91825 20577 84604 59024
32059 19738 73482 61216 22925 07246 48147 40094 75166 60395
21289 71226 65713 32643 87282 50008 87164 66279 30376 01841
99026 49709 02446 79802 70638 12145 36593 39116 35218 97085
37122 75263 26473 08386 77752 78043 27002 19252 43530 14972
83816 10219 77468 60414 51288 59850 56978 74224 75326 38417
06655 41433 62270 09414 34682 35971 06328 87587 29270 08536
26622

14794/13994/12194 kHz, 06-05/08-05, 0910/0930/0950 UTC

02904 00176 06532 05370 83854 15219 04583 33639 20615 61313
03248 45723 59822 29353 89841 42596 12370 09624 32326 98540
58027 11271 08106 08385 17512 75424 72690 78154 94779 49527
81336 05164 70692 25075 73693 55523 33509 10314 01398 43856
28879 80729 08099 40359 91896 03802 00907 49004 63121 66363
65685 03285 61894 62585 75974 35003 15212 62306 01292 95778
56909 93112 49317 87183 48676 77246 32802 16802 02082 10386
91804 64912 76696 09750 90525 55866 46540 60231 51213 07007
23272 04044 49414 73726 07560 47485 59761 27420 57857 58964
47688 84694 18429 08021 82992 66254 53882 47657 70191 51179
90187 39123 95025 71161 11596 22159 50808 43343 21658 95289
97443 60518 21224 44720 54658 02123 78479 60257 55713 03084
28779 21249 24259 14317 11709 80957 34976 58433 01952 50578
63636 42975 00194 04880 52670 66559 14457 97120 05609 74980
20868 93693 03424 94963 30072 05954 82207 92749 06985 36534
90477 21863 64386 31209 39966 63177 10284 06344 20014 99290
42636 75327 87072 65778 95181 72683 06045 37766 31080 21474
83936 16750 05881 69404 70581 84624 35404 26709 77110

13538/14438/14938 kHz, 06-05, 1600/1620/1640 UTC

07228 00001 00000 36261

16159/14359/13459 kHz, 07-05, 1100/1120/1140 UTC

03251 00001 00000 22661

15938/14538/13438 kHz, 08-05, 1500/1520/1540 UTC

08729 00001 00000 41262

12148/13448/13948 kHz, 10-05/12-05/17-05/19-05, 0700/0720/0740 UTC

12148 kHz, 10-05, 0700 UTC. Stopped during the start tones

12148 kHz, 17-05, 0700 UTC. No transmission

00539 00204 82025 81123 59780 85899 11723 79092 24463 52486
68335 01172 34975 25934 14371 09518 64234 44782 94078 31692
38590 57596 05180 30694 93392 81271 15981 64431 07909 49281
58024 60285 87024 68079 02145 19989 08954 64725 58426 52469
16170 95033 77387 87479 95091 82187 37259 38417 66200 37680
32211 66472 82231 54536 60974 14746 53232 67920 56552 95465
20122 26706 90174 32381 27938 83875 01638 33791 17880 11883
66869 11979 99124 69484 73980 43315 46447 02995 33373 50700
39124 82941 46981 16380 23898 33128 39713 50987 41422 16955
71827 73339 36946 48492 46065 14181 87113 76203 52936 15025
48541 50235 07632 89229 53527 78077 25724 00434 16148 32340

90710 30802 27191 30026 17347 05179 15446 32535 73969 18263
70724 47282 56818 28953 66918 89054 95260 22922 15383 70248
20562 69183 91051 58954 03298 34234 43239 88182 62167 63049
27974 10284 93974 68673 96421 65148 90830 21634 51538 84268
82279 92446 94580 28309 75634 39431 90926 03970 46295 95372
31747 48471 59366 10582 98873 32147 57553 24067 27084 04389
14086 55558 07500 75619 90630 33877 01634 07923 92975 12256
52922 63287 74816 47889 65954 15111 20371 62334 55644 16080
80760 42788 87892 88343 05871 90323 87547 68338 46630 11914
03472 40348 52994 54018 19578 09865 20353

17431/15841/13934 kHz, 10-05/12-05, 0910/0930/0950 UTC

00487 00114 94944 74239 94586 19273 75186 64388 67802 08661
09148 33963 54695 05815 34960 48034 39071 72547 11456 98855
20420 06278 01229 08141 42234 65080 30295 55119 09093 64559
16713 42406 09365 21757 38180 22886 30352 00427 18197 27200
44161 19438 45304 53240 55415 93387 45273 74445 76699 40364
56563 04687 06848 65713 67023 85336 37916 43205 23007 68050
47673 08538 80827 37863 33780 82532 58860 97110 68018 93084
78352 28725 25433 77130 82756 28788 32168 80535 60008 50803
03336 38063 01867 00853 68836 26002 60603 62606 32020 86660
37883 80873 85434 76505 14768 02486 66084 73320 83058 37832
85673 26078 67258 38404 92385 87216 26650 86765 24487 80838
52505 06800 08888 02865 62483 52804 76725

15938/14538/13438 kHz, 10-05, 1500/1520/1540 UTC

01616 00001 00000 37252

16159/14359/13459 kHz, 11-05/13-05, 1100/1120/1140 UTC

00530 00032 61056 66989 57858 78245 31389 53423 65814 64912
21323 01645 14932 88299 27308 00562 86561 32611 75545 20175
05842 75921 30165 35123 41806 97673 29876 50976 60053 80149
58951 15296 16044 13591 67555

13538/14438/14938 kHz, 11-05/13-05, 1600/1620/1640 UTC

04154 00238 94667 78744 31515 26846 81416 25841 48091 61483
57723 20863 58554 77076 61735 82224 53437 77534 98546 98435
02132 37117 33767 84967 53187 88614 44266 86776 90361 80549
05389 37205 75290 20857 00777 41506 31169 06765 20495 35840
64089 66067 86673 09442 92526 07171 89861 75321 19968 41724
60417 07368 61138 23083 82124 91782 25267 92444 43134 35661
34915 21759 53089 03407 23146 05159 49205 52113 20348 01008
22463 70324 15503 79563 76652 89964 54073 01631 18480 11735
96660 97734 69491 59984 17672 52376 14015 30629 10369 69470
07526 12276 85984 95277 14575 90450 40029 32295 61125 63701
98608 21681 05761 75529 91486 45549 02236 05786 45035 70834
46065 30609 33164 40969 21638 76888 37714 65409 87092 63209
25179 82587 46088 53652 49857 71409 00817 61149 78207 62765
31091 57111 98684 80390 24131 82396 99184 29318 20139 28445
26242 08416 19849 53013 52396 67787 47516 67213 73348 21924
77260 98840 94023 71583 37822 31479 29474 11234 72589 59008
55036 83285 09330 14193 97848 10018 45380 82936 38626 08333
91434 00793 78152 66382 40305 58404 95208 25499 88512 13010
32549 92484 31272 53157 80619 71654 94338 58144 05815 04863
63063 97361 08549 38325 86317 44161 29091 75268 89199 33487
96633 61592 71573 23292 92407 81970 17002 46890 47437 07093
63973 57927 77209 94994 16196 67834 37154 90705 72587 06437
58274 86812 18972 59683 40321 65707 75547 42507 29464 66172
24976 97024 40680 41584 90719 01579 61324 94912 10076 32380
35265

13376/11576/10776 kHz, 11-05/16-05, 2100/2120/2140 UTC

00167 00068 13622 33541 98089 97976 61630 05531 70001 33302
73671 49848 36692 78619 11613 24701 12583 40740 98512 66933
09248 38567 08833 02601 85045 08124 69500 93924 14571 33446
54576 56586 31365 15180 35063 65147 50630 35368 12454 84005
14821 24448 73749 00644 94769 03715 14789 16009 82057 43225
77357 72355 78856 26357 83464 61434 31798 22210 88069 30962
04049 59740 60704 14992 01691 94344 50579 61879 59526 39772
60745

12124/11124/10624 kHz, 12-05/14-05/19-05/21-05, 2100/2120/2140 UTC

00407 00038 31405 41366 91044 26103 66324 71088 84352 79059
55911 32999 54211 15841 18751 82346 85806 77648 10407 87886
85929 37852 77639 90038 86472 46884 44800 80268 55556 46060
67380 3711 26534 37366 51816 52844 88114 42527 62507 72318
30515

14794/13994/12194 kHz, 13-05. 0910/0930/0950 UTC

01526 00001 00000 36653

14794/13994/12194 kHz, 15-05. 0910/0930/0950 UTC

02525 00001 00000 36254

15938/14538/13438 kHz, 15-05, 1500/1520/1540 UTC

04002 00001 00000 32254

17431/15841/13934 kHz, 17-05/19-05, 0910/0930/0950 UTC

00278 00035 70189 34098 65339 25100 13961 98756 95996 12493
44433 50334 07434 16583 68022 93870 19282 04026 27772 04691
35831 87479 49197 55311 65164 15348 04421 43710 70364 73955
37042 16440 04733 98373 20161 50321 61058 72727

15938/14538/13438 kHz, 17-05/22-05, 1500/1520/1540 UTC

03099 00145 72384 22237 71566 98799 72748 59442 38484 61066
18147 39238 90744 63321 70777 38432 22547 45338 68788 26748
54808 39770 00044 47308 85976 79886 47333 44013 16211 49472
43048 94246 64591 97442 67724 07891 36594 27924 25868 37035
96814 99575 82761 27447 14194 07317 93960 48319 36792 69877
87435 05618 92054 97675 30951 89392 39766 35382 24110 68681
28831 53802 80213 21531 47222 42111 42450 90537 94735 05193
97222 80980 48492 33365 18241 93585 54566 65841 21618 06098
43708 20447 42326 04302 35427 19099 95116 08184 13315 53829
29908 02357 86672 21411 43336 45499 12465 88954 83035 40830
32042 28496 94787 26901 61509 75560 07780 19302 37451 15880
07705 54152 66667 90847 59079 86398 34926 99132 70969 84591
70438 75902 70660 93409 44803 05806 77128 97217 36381 07546
68264 76472 63373 38772 02413 27534 94075 48442 68366 76023
20864 16476 08223 90517 38323 90221 92815 13543

16159/14359/13459 kHz, 18-05/21-05/25-05/28-05, 1100/1120/1140 UTC

00647 00088 51200 24901 62360 38381 56659 55512 82627 43880
58838 27718 33313 92135 23288 83024 86658 87867 44074 30545
93235 75182 19977 70062 05023 76106 22800 89501 96038 03816
65236 75139 45348 26496 27102 67030 63422 40797 41012 23928
56188 05405 64001 16492 16683 30252 99194 16050 45887 99033
13208 00389 15834 36672 10816 61270 16718 52457 20474 47437
64093 90162 23874 84508 76326 24538 15003 85879 50850 38703
65998 64112 64574 71385 71743 92606 85417 97692 62120 79053
44091 04362 58815 19279 50297 93721 22769 93747 85042 31968
30051

13538/14438/14938 kHz, 18-05, 1600/1620/1640 UTC

01597 00001 00000 37262

13376/11576/10776 kHz, 18-05/23-05, 2100/2120/2140 UTC

00110 00208 46151 10518 75849 47511 92461 62250 16581 78594
76497 86198 38609 75675 84056 80522 87156 13521 78207 35946
01168 86979 41669 54628 77199 92945 23072 17384 02523 80692
52153 41342 92996 44910 10383 73124 80388 71804 28478 83673
74633 05492 65231 92117 29157 14410 28379 77719 21664 44772
98688 77770 63210 48139 81874 31123 36807 22611 67015 93238
90419 67336 62036 30435 74992 02164 29722 32255 16882 35739
12154 34366 85517 86078 07736 47922 31854 92865 04637 61576
44220 79769 67058 49405 25933 49756 51421 73634 55346 17295
05539 65706 56871 18631 73503 89403 53326 40379 67361 44423
13682 85895 15051 44645 46518 64427 99543 67660 52750 12498
71520 80011 46273 06682 66815 83173 65095 38852 96062 45869
85678 46369 56472 34828 98196 19001 21700 89444 89349 67764
28792 96157 65884 78413 18267 48019 73000 20890 69069 95477
30246 49447 68967 80664 07801 40633 73308 29906 04680 16315
06251 65510 55535 54082 16506 79003 03293 56983 13030 39570
84320 09060 07821 60682 82507 02064 01699 35516 16135 07334
98852 58335 89676 40834 38070 56189 30332 37150 17880 23110
86256 34416 04189 11165 87024 29001 13637 00674 39916 96474
19858 38756 19395 00012 19595 95252 29137 96321 93740 64393
09830 28806 38037 14723 97693 57839 40385 61308 15597 20995
42116

16147/15847/14747 kHz, 19-05, 1100/1120/1140 UTC

06881 00001 00000 35666

14794/13994/12194 kHz, 20-05/22-05/27-05/29-05. 0910/0930/0950 UTC

00116 00180 96708 05553 30601 11478 26333 79452 05879 01095
23544 49315 00918 70941 01207 31066 38945 31856 88674 60903
41869 02269 95419 45804 94157 03322 42418 96451 63560 45814
88969 25073 40098 50384 65584 77638 66997 26597 73078 43580
37642 28016 60368 22134 45427 02659 42699 59103 40129 78868
89425 34980 57946 16567 15922 86287 54884 22622 03376 73432
66722 44617 51361 57102 09930 15404 37361 26827 62101 07127
82877 58162 29846 83072 76296 69665 27715 29194 01405 80838
59249 96422 79986 76143 57635 11589 00586 54376 83116 29095
32338 56453 66128 89830 83428 24020 92461 71265 94116 88195
84959 22834 11759 87467 81935 50274 41012 12798 53371 89989
99233 09671 59189 92177 47204 84428 09953 53510 26152 39291
37401 78222 61596 69331 81290 07767 99481 47556 52130 03968
88261 39014 42876 00121 26204 14308 05455 95490 36174 99752
92640 82111 14922 38166 10499 49590 85452 18624 41179 76306
94863 87508 23143 17583 16507 31912 33556 30566 03210 75782
36830 23928 44519 47562 09618 21556 42875 31155 10873 30793
82714 43108 49349 29795 32454 10786 30060 38679 16575 30557
13958 18787 02507

16147/15847/14747 kHz, 20-05, 1100/1120/1140 UTC

01432 00001 00000 34254

13538/14438/14938 kHz, 20-05, 1600/1620/1640 UTC

01663 00001 00000 35657

12148/13448/13948 kHz, 24-05/25-05/31-05, 0700/0720/0740 UTC

08302 00158 79469 95503 42656 61449 85957 81123 80074 29819
77127 81977 33940 65001 97221 51487 99171 72802 66260 65215
51748 56377 51818 66294 66770 40185 19316 91818 12675 05542
26299 07934 55276 86325 53880 76604 08966 74320 63095 54594
87413 81760 95064 21010 31024 41943 84702 90046 80805 71905

27932 27812 61024 02040 64791 80445 38617 81400 26646 90158
27241 34432 50583 88626 66586 55855 79350 65793 84943 95513
42721 50704 54091 53601 20031 48752 44384 85929 44459 59085
05986 46012 68394 45668 46463 84753 95467 81448 92969 93463
33151 69585 26033 63509 21164 31280 40904 31545 58525 95386
43108 23688 65273 05414 84123 23804 66009 82006 64388 24256
35600 30185 93125 04164 71975 69507 00085 84517 85829 37725
87004 40989 31825 95410 08507 70911 82156 78449 68881 38518
44485 07652 16592 38433 53939 39325 50782 28436 26158 35376
91588 27932 00345 97346 49651 68146 19577 61396 59491 44030
92698 21247 41448 25943 45774 90955 59315 35412 45081 35986
76644

17431/15841/13934 kHz, 24-05/26-05/31-05, 0910/0930/0950 UTC

06712 00167 65532 75785 90900 47981 24702 19939 03159 64634
41707 54290 75979 12880 16869 90035 19295 02545 63667 68768
56928 85435 99815 81596 71729 57364 52484 28298 41049 53056
83930 59684 68657 69294 97846 34480 39443 55467 55615 82310
24239 19560 97651 51366 08062 79694 20196 81653 80791 48815
49107 46211 07495 09247 00685 34864 31237 53975 48148 56086
37237 88170 41494 15165 70669 85224 07312 68314 42762 72611
30269 29491 49650 88608 72045 82546 34893 13111 72741 57024
17548 50567 27969 80968 18307 11749 76274 08541 60443 01724
78615 77279 72413 53085 65596 10511 22750 73339 35544 06955
23051 70743 89218 04876 68399 85380 13221 84298 85194 75506
73615 75066 82615 00316 85394 93275 17100 22179 87678 91279
23623 64995 21880 26668 53067 69174 87387 34474 50396 72259
49513 69339 46750 74976 28015 78486 21359 17775 18685 59945
71822 30378 59131 80447 24979 07816 00767 13164 72237 24657
21574 30430 98038 07013 56617 00146 24998 93697 39804 17398
45656 59004 32691 65249 07407 25935 48748 85704 98241 71400

15938/14538/13438 kHz, 24-05, 1500/1520/1540 UTC

02436 00001 00000 36255

13538/14438/14938 kHz, 25-05, 1600/1620/1640 UTC

08924 00001 00000 37662

13376/11576/10776 kHz, 25-05/30-05, 2100/2120/2140 UTC

02900 00198 20666 85176 50755 94144 63867 53266 81853 57651
54610 77745 69071 33706 28265 24981 15923 20577 41487 75937
94445 34251 58953 45788 68972 34298 95476 53661 65198 19483
04899 59997 08927 93053 60653 48863 23399 93553 11732 95593
89823 95971 27032 00437 43021 75404 89816 63122 01835 90418
86422 53952 59027 50369 33826 21444 26269 59103 20564 33686
62727 56033 78481 87871 46748 72758 83665 17708 00264 50315
54659 74118 53359 98030 68454 62928 01800 08451 89071 78485
25358 28276 19610 87876 99728 69458 26471 46182 37462 02680
77235 63402 79311 04476 47927 69969 01916 00110 95607 75971
50106 31323 55131 00559 69726 05796 13597 33416 39626 41205
30491 69520 66570 53384 71656 75525 48838 45934 22812 68396
15990 69960 14748 27803 64209 33174 34663 02986 52466 76466
22624 34190 01339 67891 55117 40731 23226 47050 00186 23077
35927 91532 83044 75367 91775 19309 27378 38109 85537 97341
138991 6453 40789 60125 15843 70544 73485 73971 04692 85885
12399 16252 19386 45117 28466 49049 80244 22566 23736 11080
25955 72484 78105 05692 63161 72304 79414 65349 23660 57992
34673 72844 28920 63862 91922 06421 06078 23422 13166 89836
43398 68135 98999 89933 95720 19697 25813 64339 32935 41395
42370

16147/15847/14747 kHz, 26-05/27-05, 1100/1120/1140 UTC

00628 00191 25759 89282 62881 91100 10421 38315 27579 02743
41925 68445 66446 28557 01853 54398 62393 94553 78786 72494
40357 61564 74408 66756 50709 90416 54855 46611 62776 87088
90409 29142 23846 93104 92319 06879 20077 41157 40454 66344
45036 09150 14826 17782 88221 55292 74696 75048 53286 04980
82279 70426 10881 40706 88359 39373 33286 79087 90010 68715
75850 07379 54026 72714 33222 13053 10424 54110 44132 42154
70861 31162 27417 40151 48620 72831 05171 84478 14929 21622
64682 27952 06723 85565 37069 84830 60820 69687 28447 21473
07454 92339 62130 40907 95484 54326 12436 77430 53699 80796
26754 55987 20573 62283 16048 47892 75820 67365 28341 03094
11277 85233 62373 67041 06601 18793 88853 21976 46442 77488
33132 33037 97743 33102 27599 26806 87326 43294 13503 87398
27547 87333 96113 57460 04830 42032 31449 17684 66472 92601
20301 26765 84523 75447 75742 60196 42272 82288 98233 38225
02221 59020 60391 60469 55409 34145 73137 57852 53049 64333
71880 52667 20751 43385 60161 07969 92847 10176 12653 01102
64510 62609 52064 31661 34495 03227 39820 66587 87454 93636
19004 66402 33531 10233 70182 85165 28496 09624 70048 08020
07228 37951 36896 37653

12124/11124/10624 kHz, 26-05, 2100/2120/2140 UTC

04493 00001 00000 34665

13538/14438/14938 kHz, 27-05, 1600/1620/1640 UTC

04017 00001 00000 34655

12124/11124/10624 kHz, 28-05, 2100/2120/2140 UTC

09045 00001 00000 33665

15938/14538/13438 kHz, 29-05, 1500/1520/1540 UTC

09590 00001 00000 33672

15938/14538/13438 kHz, 31-05, 1500/1520/1540 UTC

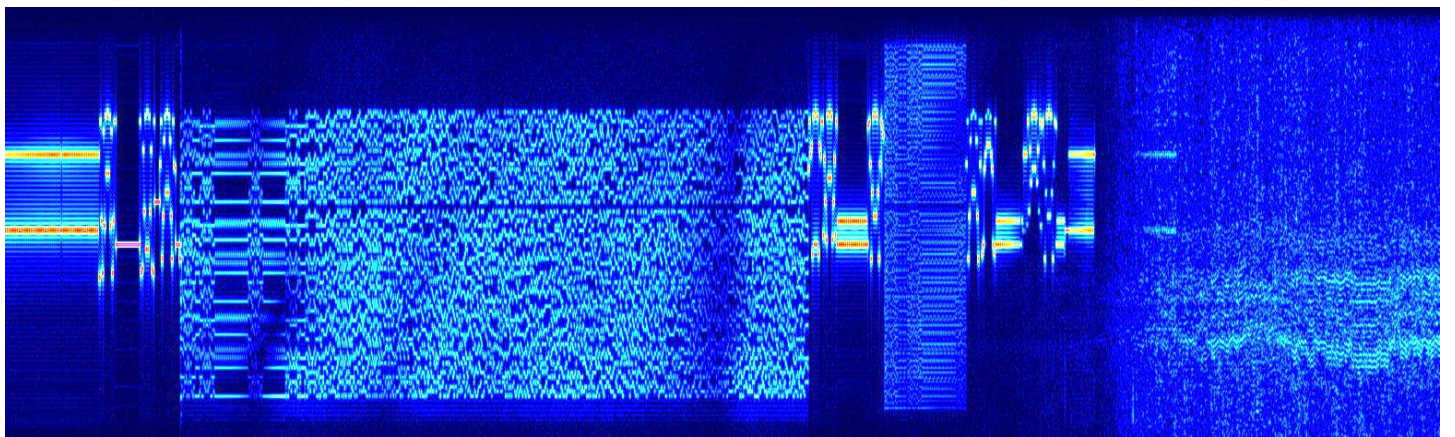
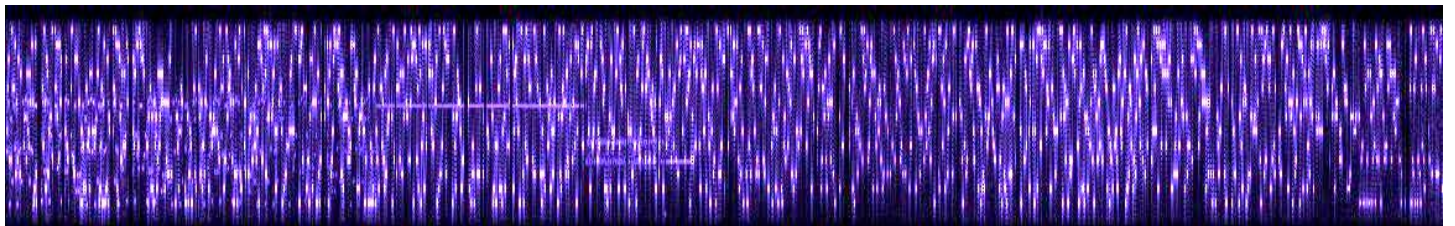
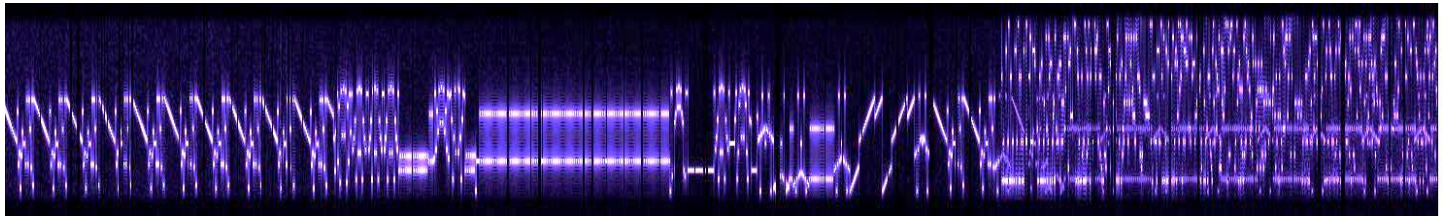
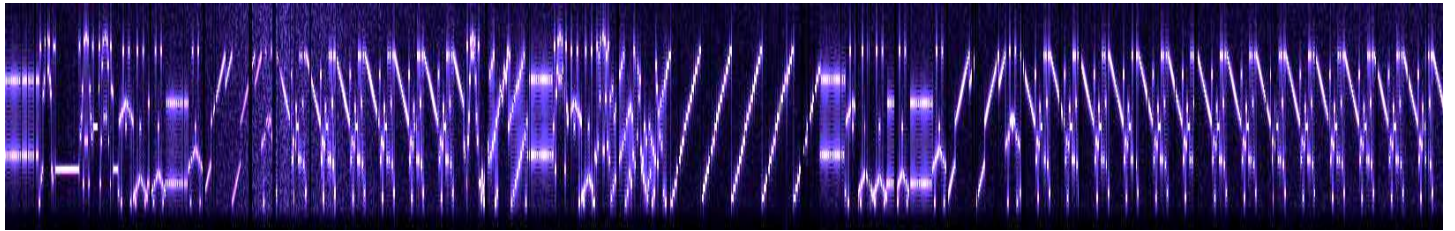
00124 00213 69856 02659 36849 07054 31160 55254 92071 59427
50589 55772 47333 43871 71050 30899 84479 49064 26032 15648
11009 03631 33725 10698 92057 52891 92920 34587 80914 16083
44025 10438 77619 70922 24844 25010 04427 86243 39272 69432
64881 43684 19804 19406 55159 97313 51408 01574 15165 69657
92882 81245 71820 57038 78409 64424 72287 68340 87320 48363
21972 84441 17551 29502 42657 28078 03800 29610 25684 79784
65382 53079 10467 28782 24950 65150 68134 23019 78369 88115
92274 18367 76070 33133 90970 39093 59243 09702 70256 57499
57947 69978 74381 14101 50971 10800 57356 27556 35439 07477
76673 00611 36221 25731 36085 44710 28032 63847 64723 21193
88126 04978 30677 68507 62893 57855 70861 54771 98770 73253
60260 56349 37454 64325 43259 89158 42952 47597 42599 71487
13530 31364 77273 86165 58173 95098 14239 68771 48344 43233
48841 71192 68965 62184 66443 52483 78063 59306 99661 24581
02351 23807 07794 69374 30304 36000 75449 11983 88959 61460
47452 52675 69557 39261 27413 49600 00139 68055 24787 45716
83709 13391 55117 99912 55594 12324 11420 35182 78541 65719
00612 72268 68197 91374 18192 57243 91334 12184 72709 94385
32506 15296 14644 58101 49544 15754 20409 36566 46225 00955
35560 81608 23058 66205 72076 93700 58768 90277 29000 74284
22100 44820 52623 70489 69928 52440

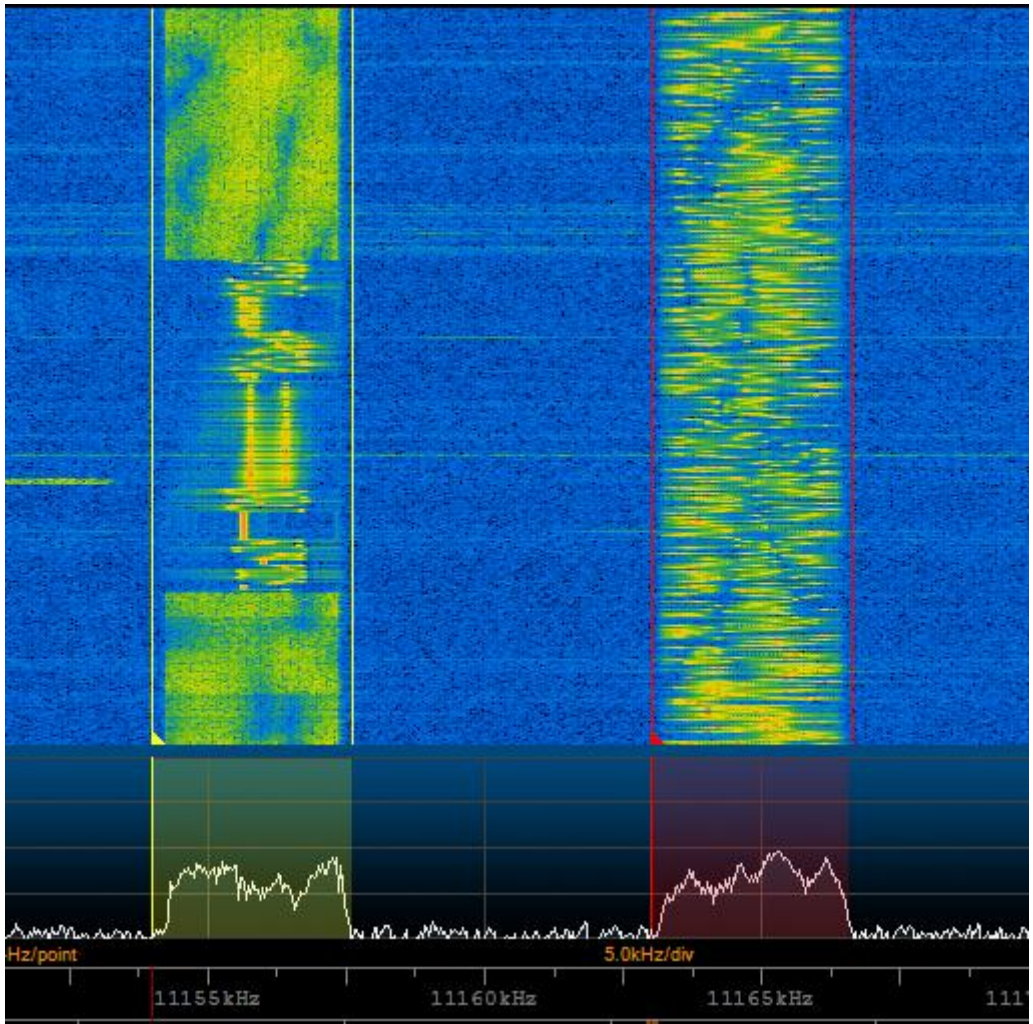
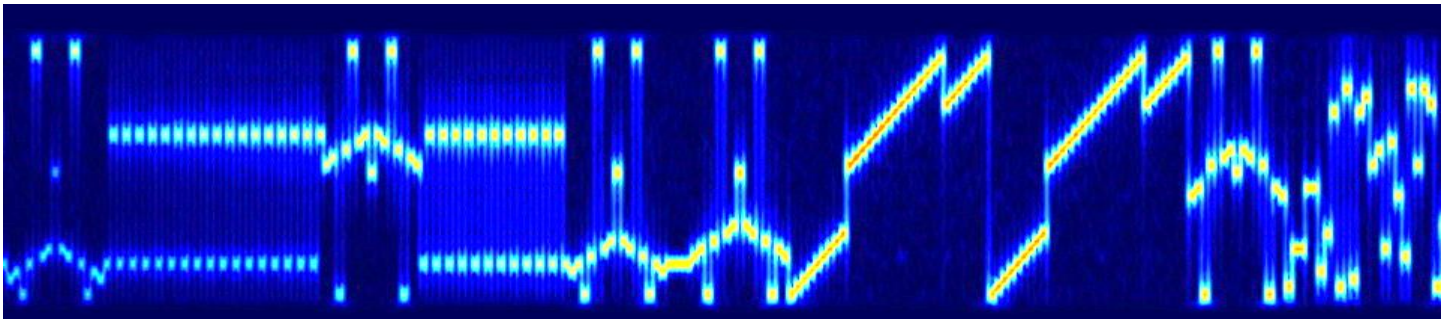
XPB1

16329 kHz, 01-05/03-05/08-05/10-05/15-05/17-05/22-05/24-05/29-05/31-05, 1200 UTC
15929 kHz, 01-05/03-05/08-05/10-05/15-05/17-05/22-05/24-05/29-05/31-05, 1210 UTC
14829 kHz, 01-05/03-05/08-05/10-05/15-05/17-05/22-05/24-05/29-05/31-05, 1220 UTC
14429 kHz, 01-05/03-05/08-05/10-05/15-05/17-05/22-05/24-05/29-05/31-05, 1230 UTC
13929 kHz, 01-05/03-05/08-05/10-05/15-05/17-05/22-05/24-05/29-05/31-05, 1240 UTC
13529 kHz, 01-05/03-05/08-05/10-05/15-05/17-05/22-05/24-05/29-05/31-05, 1250 UTC

17-05, 1220 UTC: Started with a sub-mode of their new Serdolik waveform system. After 1m14s the usual MFSK-16 started. See pictures below.

Recording: <http://www.numbersoddities.nl/XPB1-error-2021-05-17-1220utc-14829khz.mp3>





14852 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/29-05, 1900 UTC
 13952 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/29-05, 1910 UTC
 12152 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/29-05, 1920 UTC
 11542 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/29-05, 1930 UTC
 10352 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/29-05, 1940 UTC
 9252 kHz, 02-05/04-05/09-05/11-05/16-05/18-05/23-05/25-05/29-05, 1950 UTC

13435 kHz, 03-05/04-05/10-05/11-05/17-05/18-05/24-04/25-05/31-05, 0500 UTC
 13935 kHz, 03-05/04-05/10-05/11-05/17-05/18-05/24-04/25-05/31-05, 0510 UTC
 14435 kHz, 03-05/04-05/10-05/11-05/17-05/18-05/24-04/25-05/31-05, 0520 UTC
 14835 kHz, 03-05/04-05/10-05/11-05/17-05/18-05/24-04/25-05/31-05, 0530 UTC
 15935 kHz, 03-05/04-05/10-05/11-05/17-05/18-05/24-04/25-05/31-05, 0540 UTC
 16225 kHz, 03-05/04-05/10-05/11-05/17-05/18-05/24-04/25-05/31-05, 0550 UTC

CLANDESTINE / TARGETED RADIO & JAMMERS

11530 kHz, 06-05, 0830 UTC, AM	Radyo Denge Welat. Program in Kurdish targeted to Turkey
11530 kHz, 06-05, 0830 UTC, AM	Radyo Recip Erdogan jamming Radyo Denge Welat
11530 kHz, 13-05, 0830 UTC, AM	Radyo Denge Welat. Program in Kurdish targeted to Turkey
11530 kHz, 13-05, 0830 UTC, AM	Radyo Recip Erdogan jamming Radyo Denge Welat

UTILITY ROUND-UP

Unid

Unid station logged by JPL

4819 kHz, 25-05, 1958 UTC, i.p. Extremely slow morse

/RGRDJ/NRZZZ/2 EEE 8ZZ/.
VV XFA AR STOP /ZYVQB/SBRZZ/2 EEEE 8ZZ/VV OFA/31VZZ/STOP/RNVNZ/ZRAMP/1JTKP/VP OP EF CINM IZNW NW = = = =
V0048/NW NW /. 0500/.. A VE/NW NW / RGRD../ NR ZZZ/NW NW
/I05ZZZ/NW III /.. EEE 8ZZ/. /258ZZ/VVOFA/50./NU NW / 8PV Q6/..
NW /STEIII NR 56RZZB I. 58ZL/NW NW /VV OFA.NA NU F314ZZ/50R/.
NW / RNVNZ/ZR.../NW NU .J20KW/.. AR AR

Shortly after going silent ALE and data was sent. Probably not related

7902.3 kHz LSB, 24-30 May, 1400 UTC. Mode: Contestia 8-500

Unid. Multiple TdoA's point MacDill AFB in Tampa, FL

The messages are encrypted. The code is Atbash cipher, a simple substitution by reversing the alphabet:: A=Z, B=Y, C=X, etc.

<https://www.boxentriq.com/code-breaking/atbash-cipher>

26 May

UILNG SVXLN NZMWV IHVXL MWYIR TZWVZ HKIVW RXGVW VMVNB ZXGRE RGBSZ HRMXI VZHVW GSILF TSLFG LFIZI VZHGZ BERTR
OZMGD VDROO MLGYV WVGVI IVWUI LNLFG XFIIV MGNRH HRLMD VNFHG XLMGR MFVGL GZPVZ WEZMG ZTVLU GSVTZ IMVGR
ZMRMX FIHRL MULIU RIHGY MKILE RWVZH HVHHN VMGLU VMVNB ZGGZX PZGGS VWRHG ROOVI BULIH VXMLW YMMLX SZMTV
XLMGR MFVHV XFIRG BLKVI ZGRML HERXR MRGBL UPMLC EROOV XLNN. ZMWVI ERHRG KLHGK LMVWF MGROU FIGSV IMLGR
XVULI GSRIW YMKIL ERWVZ HHVHH NVMGL UVMVN BZRIH GIRPV MLIGS LUNFI UIVVH YLILK ILERW VRMEV MGLIB LUXZX SVOLH
HERXL UOVYZ MLMKI LERWV KOZMU LISZI ZHHNV MGZGG ZXPHE RXXLO FNYRZ ZMWNF IUIVV HYLIL MOG30 NZB!!

FROM THE COMMANDER SECOND BRIGADE AS PREDICTED ENEMY ACTIVITY HAS INCREASED THROUGHOUT OUR AREA STAY
VIGILANT WE WILL NOT BE DETERRED FROM OUR CURRENT MISSION WE MUST CONTINUE TO TAKE ADVANTAGE OF THE
GARNETIAN INCURSION FOR FIRST BN PROVIDE ASSESSMENT OF ENEMY ATTACK AT THE DISTILLERY FOR SECOND BN NO
CHANGE CONTINUE SECURITY OPERATIONS VICINITY OF KNOXVILLE COMM.ANDER VISI TPOSTPONED UNTIL FURTHER NO-
TICE FOR THIRD BN PROVIDE ASSESSMENT OF ENEMY AIRSTRIKE NORTH OF MURFREESBORO PROVIDE INVENTORY OF
CACHE LOSS VICOFLE BAN ON PROV DE PLAN FOR HARASSMENT ATTACKS VIC COLUMBIA AND MURFREESBORO
NLT30MAY!!

27 May

UILNG SVXLN NZMWV IHVXL MWYIR TZWVL KVIZG RLMHZ IVKIL TIVHH RMTNB YILGS VIHDV NFHGL FGNZG XSLFI ZWEVI HZIBV
EVIBG RNVGS VBHGI RPDVD MVVWG LHGIR PVGDR XVZHS ZIWDV XZMML GULIT VGZYL FGIVX IFRGR MTLFI YIVGS IVMUI LNLFI
SLNVG LDMHG SRHRHL FIXLF MGIBM LGGSV RMURW VOXL FMGIB ZOORN ONVNY VIHZI VIVXI FRGVI HGSVI VDROO YVZYL MFHUL
IVEVI BIVXI FRGZM RNONV NYVIY IRMTH RMGLG SVUZN ROBUL IURIH GYMKI LERWV ZHHVH HNVMG LUVMV NBZGG ZXPZG GSVYZ
GBIDZ IVSLF HVWRH GROOV IBZHH VHHNV MGIVX VREVV ULIHV XLMWY MYVKI VKZIV WGLKI LERWV LMVHJ FZWGL URIHG
YMZMW LMVHJ FZWGL GSRIW YMMOG 3QFMV WRIVX GXLLI WRMZG RLMZF GSLIR AVWUL IGSRI WYMZR IHGIR PVZHH VHHNV
MGIVX VREVV RMEVM GLIBL UXZXS VOLHH IVXVR EVWUF XPHIV XVREV WRMXS ZGGZM LTTZI VHFKK OBYVR MTZHH VNYOV
WRMXZ GLLHZ VGZ30 NZB!!

FROM THE COMMANDER SECOND BRIGADE OPERATIONS ARE PROGRESSING MY BROTHERS WE MUST OUTMATCH OUR
ADVERSARY EVERY TIME THEY STRIKE WE NEED TO STRIKE TWICE AS HARD WE CANNOT FORGET ABOUT RECRUITING OUR
BRETHREN FROM OUR HOME TOWNS THIS IS OUR COUNTRY NOT THE INFIDELS COUNTRY ALL IML MEMBERS ARE RECRUIT-

ERS THERE WILL BE A BONUS FOR EVERY RECRUIT AN IML MEMBER BRINGS INTO THE FAMILY FOR FIRST BN PROVIDE ASSESSMENT OF ENEMY ATTACK AT THE BATYR WAREHOUSE DISTILLERY ASSESSMENT RECEIVED FOR SECOND BN BE PREPARED TO PROVIDE ONE SQUAD TO FIRST BN AND ONE SQUAD TO THIRD BN NLT 3 JUNE DIRECT COORDINATION AUTHORIZED FOR THIRD BN AIRSTRIKE ASSESSMENT RECEIVED INVENTORY OF CACHE LOSS RECEIVED FUCKS RECEIVED IN CHATTANOOGA RESUPPLY BEING ASSEMBLED IN CATOOSA ETA30 MAY!!

29 May

UILNG SVXLN NZMWV IHVXL MWYIR TZWVV MVNBU LIXVH SZEVL MXVZT ZRMYV VMYFH BGSVB HGIFX PRMUR IHGYM ZIVZD SVIVL FIURT SGVIH DVIVN ZIGBI VWULI LFIXZ FHVLF IYIVG SIVMU ILNGS VDVHG DVIVH GIFXP MLIGS LUZHS OZMWX RGBZH DVOOP VVKGS VUZRG SDZII RLIHZ MWVCV XFGVB LFINR HHRLM HPMLD RMTGS ZGGSV VMWLU GSVRM URWVO RHMVZ IULIU RIHGY MKILE RWVIV KLIGL MRNKZ XGLUO LHHVH ZGTSZ UFILE UZINZ XPMLD OVWTV IVXVR KGLUH FKKOR VHZGG IZMHU VIKLR MGKIV KZIVU LIXLN NZMWE RHRGU LIGRN VKVIR LW34Q FMVUL IHVXLM WYMKI LERWV KVIHL MMVOI VKLIG ULIHJ FZWHW VHRM ZGVWU LIGIZ MHUVI GLURI HGZMW YZGGZ ORLMU LIYMT ZOOZG RMNRG RTZGR LMKOZ MIVXV REVWK IVKZI VULIX LNNZM WERHR GULIG RNVKV IRLW6 7QFMV KILER WVFKW ZGVLM GIZRM RMTYV RMTXL MWFXGV WHLFG SLUGF OZSL NZ!!!

FROM THE COMMANDER SECOND BRIGADE ENEMY FORCES HAVE ONCE AGAIN BEEN BUSY THEY STRUCK IN FIRST BN AREA WHERE OUR FIGHTERS WERE MARTYRED FOR OUR CAUSE OUR BRETHREN FROM THE WEST WERE STRUCK NORTH OF ASHLAND CITY AS WELL KEEP THE FAITH WARRIORS AND EXECUTE YOUR MISSIONS KNOWING THAT THE END OF THE INFIDEL IS NEAR FOR FIRST BN PROVIDE REPORT ON IMPACT OF LOSSES AT GHAFUROV FARMAC KNOWLEDGE RECEIPT OF SUPPLIES AT TRANSFER POINT PREPARE FOR COMMAND VISIT FORT IME PERIOD 34 JUNE FOR SECOND BN PROVIDE PERSONNEL REPORT FOR SQUADS DESIGN AT ED FOR TRANSFER TO FIRST AND BATTALION FOR BNG ALL AT IN MITIGATION PLAN RECEIVED PREPARE FOR COMMAND VISIT FOR TIME PERIOD 67JUNE PROVIDE UPDATE ON TRAINING BEING CONDUCTED SOUTH OF TULLAHO MA

30 May

UILNG SVXLN NZMWV IHVXL MWYIR TZWVU LIGSR IWYMG FOOZS LNZGS RHRMG VOORT VMXVI VKLIG DZHKZ HHVWG LFHUI LNLFI XLMGZ XGHYV LM GSV OLLPL FGULI ZDSRG VPRZH LIIVM GLLKV IZGRM TRMBL FIZIV ZGSVE VSRXO VSZHY VVMZH HLXRZ GVGWL FHRMG VOORT VMXVU LIXVH ZMWOR MPVWG LGSVH VOLXZ GRLMH 16HV 09035 30663 NZB27 2021 //1034KN XWG 2491M VDOVD RHYFI TSDBX LOFNY RZGM3 8401 16HV 18963 24928 NZB27 2021 //1042KN XWG 1303M LIGSV OORMT GLMKP DBOVD RHYFI TGM37 091 16HV 19957 23253 NZB27 2021 / /1046K NXWG 300DL LWHRW VZEVO VDRHY FITGM 37091 16HV 07075 56436 NZB28 2021 / /0143Z NXWG 2593W FKOVC IWHKI RMTSR OOGM3 7174 16HV 15115 66510 NZB28 2021 / /0236Z NXWG 1011I VZNHU OVNRM TYOEW UIZMP ORMGM 37064 16HV 28840 94924 NZB28 2021 / /0258Z NXWG 410ZRI KZIPX VMGVI WIMZH SEROO VGM3 7217

FROM THE COMMANDER SECOND BRIGADE FOR THIRD BN TULLAHO THIS INTELLIGENCE REPORT WAS PASSED TO US FROM OUR CONTACTS BE ON THE LOOK OUT FOR A WHITE KIA SORRENTO OPERATING IN YOUR AREA THE VEHICLE HAS BEEN ASSOCIATED TO US INTELLIGENCE FORCES AND LINKED TO THESE LOCATIONS

16 SEE 09035 30663
MAY27 2021 //1034PM CDT
2491 NEW LEWISBURGH WY COLUMBIA TN 38401

16 SEE 18963 24928
MAY27 2021 //1042PM CDT
1303 NORTH ELLINGTON PK WY LEWISBURG TN 37091

16 SEE 19957 23253
MAY27 2021 / /1046P MCDT
300 WOODSIDE AVE LEWISBURG TN 37091

16 SEE 07075 56436
MAY28 2021 / /0143A MCDT
2593 DUPLEX RD SPRING HILL TN 37174

16 SEE 15115 66510
MAY28 2021 / /0236A MCDT
1011 R EAM S FLEMING BLVD FRANKLIN TN 37064

16 SEE 28840 94924
MAY28 2021 / /0258A MCDT
410 AIR PARK CENTER DR NASHVILLE TN 37217

Unid Bulgarian station with a daily schedule on 4735 kHz at 0700 UTC (summertime) or 0800 UTC (wintertime). The messages are hand-keyed. Depending on the operator it sends the date as = 0111 = or = 01 11 = and midnight as 2400 or 0000. Sometimes = ABV = but most of the time = ABV. ABV means "I repeat".

4735 kHz, 04-05, 0700 UTC

VVVVV PROMRÖ = 0405 =
1000 0560 0600 0720 1090
1200 0590 0630 0750 1170
1400 0590 0630 0750 0150
1600 0580 0620 0750 1100
1800 0570 0600 0720 1050
2000 0610 0630 0740 1040
2200 0460 0480 0560 0780
2400 0390 0410 0460 0630
0200 0360 0360 0420 0570
0400 0330 0340 0400 0540
0600 0390 0420 0500 0740
8000 0500 0540 0660 0980
= ABV

VVVVV PROMRÖ = 0405 =
1000 0560 0600 0720 1090
1200 0590 0630 0750 1170
1400 0590 0630 0750 0150
1600 0580 0620 0750 1100
1800 0570 0600 0720 1050
2000 0610 0630 0740 1040
2200 0460 0480 0560 0780
2400 0390 0410 0460 0630
0200 0360 0360 0420 0570
0400 0330 0340 0400 0540
0600 0390 0420 0500 0740
8000 0500 0540 0660 0980
= AR

4735 kHz, 24-05, 0700 UTC

VVVVV PROMRÖ = 2405 =
1000 0550 0590 0710 1130
1200 0550 0590 0710 1190
1400 0550 0580 0710 1170
1600 0560 0590 0700 1080
1800 0550 0580 0680 0970
2000 0620 0650 0740 1030
2200 0560 0590 0680 0950
2400 0450 0470 0550 0730
0200 0380 0400 0460 0610
0400 0330 0350 0400 0540
0600 0420 0450 0530 0770
0800 0510 0550 0660 0990
= ABV

VVVVV VVVVV PROMRÖ = 2405 =
1000 0550 0590 0710 1130
1200 0550 0590 0710 1190
1400 0550 0580 0710 1170
1600 0560 0590 0700 1080
1800 0550 0580 0680 0970
2000 0620 0650 0740 1030
2200 0560 0590 0680 0950
2400 0450 0470 0550 0730
0200 0380 0400 0460 0610
0400 0330 0350 0400 0540
0600 0420 0450 0530 0770
0800 0510 0550 0660 0990
= AR

4735 kHz, 16-05, 0700 UTC

VVVVV PROMRÖ = 16 05 =
1000 0560 0590 0720 1120
1200 0550 0590 0720 1180
1400 0550 0890 0700 1170
1600 0560 0590 0710 1070
1800 0550 0580 0690 0990
2000 0620 0650 0750 1040
2200 0540 0560 0650 0900
0000 0420 0440 0500 0690
0200 0360 0370 0420 0580
0400 0330 0440 0390 0540
0600 0410 0440 0520 0760
0800 0510 0540 0660 0980
= ABV =

VVVVV PROMRÖ = 16 05 =
1000 0560 0590 0720 1120
1200 0550 0590 0720 1180
1400 0550 0590 0700 1170
1600 0560 0590 0710 1070
1800 0550 0580 0690 0990
2000 0620 0650 0750 1040
2200 0540 0560 0650 0900
0000 0420 0440 0500 0690
0200 0360 0370 0420 0580
0400 0330 0440 0390 0540
0600 0410 0440 0520 0760
0800 0510 0540 0660 0980
= AR

4735 kHz, 30-05, 0700 UTC

VVV VVV PROMRÖ = 30 05 =
1000 0560 0590 0720 1140
1200 0560 0600 0720 1160
1400 0560 0590 0710 1170
1600 0560 0590 0700 1090
1800 0550 0580 0680 0970
2000 0620 0650 0740 1970
2200 0570 0600 0690 0960
0000 0460 0470 0540 0740
0200 0400 0410 0460 0630
0400 0340 0350 0400 0550
0600 0430 0450 0540 0780
0800 0520 0550 0660 1000
= ABV

VVV VVV PROMRÖ = 30 05 =
1000 0560 0590 0720 1140
1200 0560 0600 0720 1160
1400 0560 0590 0710 1170
1600 0560 0590 0700 1090
1800 0550 0580 0680 0970
2000 0620 0650 0740 1970
2200 0570 0600 0690 0960
0000 0460 0470 0540 0740
0200 0400 0410 0460 0630
0400 0340 0350 0400 0550
0600 0430 0450 0540 0780
0800 0520 0550 0660 1000
= AR

4735 kHz, 23-05, 0700 UTC

VVVVV PROMRÖ = 23 05 =
1000 0550 0590 0710 1130
1200 0520 0590 0710 1180
1400 0550 0580 0700 1170
1600 0570 0590 0700 1080
1800 0550 0580 0680 0970
2000 0630 0650 0750 1040
2200 0560 0590 0680 0950
0000 0450 0470 0530 0730
0200 0390 0400 0450 0610
0400 0340 0350 0400 0550
0600 0430 0450 0540 0780
0800 0510 0550 0660 0990
= ABV =

VVVVV PROMRÖ = 2305 =
1000 0550 0590 0710 1130
1200 0520 0590 0710 1180
1400 0550 0580 0700 1170
1600 0570 0590 0700 1080
1800 0550 0580 0680 0970
2000 0630 0650 0750 1070 EEEEEEEEE
2000 0630 0650 0750 1040
2200 0560 0590 0680 0950
0000 0450 0470 0530 0730
0200 0390 0400 0450 0610
0400 0340 0350 0400 0550
0600 0430 0450 0540 0780
0800 0510 0550 0660 0990
= AR

EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

Date	UTC	Callsign	Details
01-05	0034	Sanctify	30 chr EAM VX4VZT DHXRERW7WUQDUSPUSHYEQ7VZ
01-05	0438	Sanctify	30 chr EAM VXKVKL 7TCHTJVVIRKNCKV3X2LVX7AC
01-05	0441	Sanctify	30 chr EAM VX5YS2 544F3UOEDYSKZK7PUZPKUOHQ
01-05	0500	Sanctify	30 chr EAM VX5YS2 544F3UOEDYSKZK7PUZPKUOHQ
01-05	0502	Sanctify	30 chr EAM VXKVKL 7TCHTJVVIRKNCKV3X2LVX7AC
01-05	0507	Sanctify	30 chr EAM VXWRW6 KXVRL3OPMMZ44CR4TCEGUJPW
01-05	0530	Sanctify	30 chr EAM VXWRW6 KXVRL3OPMMZGGCRVTCEGUJPW
01-05	0532	Sanctify	30 chr EAM VX5YS2 544F3UOEDYSKZK7PUZPKUOHQ
01-05	0535	Sanctify	30 chr EAM VXKVKL 7TCHTJVVIRKNCKV3X2LVX7AC
01-05	0600	Sanctify	30 chr EAM VXWRW6 KXVRL3OPMMZ44CR4TCEGUJPW
01-05	0602	Sanctify	30 chr EAM VX5YS2 544F3UOEDYSKZK7PUZPKUOHQ
01-05	0604	Sanctify	30 chr EAM VXKVKL 7TCHTJVVIRKNCKV3X2LVX7AC
01-05	1535	Sanctify	30 chr EAM VXE3TC HDLOSCFBW35D6RZ6BYYXNRR
01-05	1603	Sanctify	30 chr EAM for Air Ace 4BRIZD 5LHXS75CVBNMOA5SNP7D7DR
01-05	1617	Sanctify	30 chr EAM for Air Ace 4B2C26 TZLA6NYTIVIUCGZYQJ6G25LJ
01-05	2113	Sanctify	30 chr EAM VXLXZ6 RBSCIH35OEQGR246NGZRTU23
01-05	2130	Sanctify	30 chr EAM VXLXZ6 RBSCIH35OEQGR246NGZRTU23
01-05	2133	Sanctify	30 chr EAM 4BOSUI OYJ563U6JQOASQHA5LQ6P7ZL
01-05	2200	Sanctify	30 chr EAM VXLXZ6 RBSCIH35OEQGR246NGZRTU23
01-05	2202	Sanctify	30 chr EAM VX4SSX KSBHYPLWBZENQ6OBP4WOEKQE
01-05	2231	Sanctify	30 chr EAM VXLXZ6 RBSCIH35OEQGR246NGZRTU23
01-05	2234	Sanctify	30 chr EAM VX4SSX KSBHYPLWBZENQ6OBP4WOEKQE
01-05	2334	Sanctify	30 chr EAM for Air Ace 4BOSUI OYJ563U6JQOASQHA5LQ6P7ZL
01-05	2346	Sanctify	30 chr EAM for Air Ace 4BRZQ5 TFBBDVDH37EN7NK3P36IJCBS
02-05	0012	Tuna Fish	30 chr EAM for Stoke 4B54YD 3EJSPFRGD6JL2PKOZSEFY67T
02-05	0039	Tuna Fish	30 chr EAM for Stoke 4BZQ2W LZHDWIKOGLCEBZOL4TSCMEQW
02-05	0243	Tuna Fish	30 chr EAM for Stoke 4BQMMJ 2GWWPASPWKJQSV5HIHD5U3J
02-05	0454	Tuna Fish	30 chr EAM VXYGU6 AJOHNQ2DGFV5PRAH5FQKGU3V
02-05	0500	Tuna Fish	30 chr EAM VXYGU6 AJOHNQ2DGFV5PRAH5FQKGU3V
02-05	0502	Tuna Fish	30 chr EAM VXYOC7 7VR3J4SZC2EQFF6ULNYH745Z
02-05	0507	Tuna Fish	30 chr EAM VXZID7 RDOMYUDX36DH5NLXEPCDNSH3
02-05	1413	Tuna Fish	30 chr EAM for Tight-6 4BWVQ7 FQZ2FI7ZNUSR57NAD57JN5WJ
02-05	1636	Tuna Fish	30 chr EAM VX2QFQ 7SVEOOWURN7IUXPG5SAEW7XT
02-05	1703	Tuna Fish	30 chr EAM VX2QFQ 7SVEOOWURN7IUXPG5SAEW7XT
02-05	1731	Tuna Fish	30 chr EAM VX2QFQ 7SVEOOWURN7IUXPG5SAEW7XT
02-05	1803	Tuna Fish	30 chr EAM VX2QFQ 7SVEOOWURN7IUXPG5SAEW7XT
02-05	1831	Tuna Fish	30 chr EAM VX2QFQ 7SVEOOWURN7IUXPG5SAEW7XT
02-05	1838	Tuna Fish	83 chr EAM 4BOPNH RBU3XSD53LD7HTE2BQTE2EQTEB2OH4YG3ABSL57IH44J3536LTQIH44P35FEOIJH44I3ABSL57G
02-05	1938	Tuna Fish	30 chr EAM for Stoke 4BTVSZ NLH76AUKGGCYDGNAYFKLOXHN
02-05	1956	Tuna Fish	30 chr EAM for Stoke 4B7ZGU 3S6YJVOVL46GQ2YJK7GAKC4R
02-05	2103	Tuna Fish	30 chr EAM VXRR27 67AZH6TVYR56JEHVUFG7UEWP
02-05	2131	Tuna Fish	30 chr EAM VXRR27 67AZH6TVYR56JEHVUFG7UEWP
02-05	2156	Tuna Fish	30 chr EAM VXLKYD 6AB4C6EZS2HXMTD47WYQ2WIV
02-05	2159	Tuna Fish	30 chr EAM VX6GCQ FF6IVDL6TICQXWWYBG47EXLH
02-05	2201	Tuna Fish	30 chr EAM VX6GCQ FF6IVDL6TICQXWWYBG47EXLH
02-05	2203	Tuna Fish	30 chr EAM VXLKYD 6AB4C6EZS2HXMTD47WYQ2WIV
02-05	2206	Tuna Fish	30 chr EAM VXRR27 67AZH6TVYR56JEHVUFG7UEWP
02-05	2224	Tuna Fish	30 chr EAM 7Z7TCB VLJIYHFCWY2LGKCKAJOF7S4
03-05	0033	Carpenter	30 chr EAM 7ZJQH3 RDCGVZ247XDNN4ITTOSLAJO2
03-05	0036	Carpenter	30 chr EAM for Abram 4BIJ32 LJ6ZOWC2GRTPXVNBREJYPWJ
03-05	0059	Carpenter	30 chr EAM for Abram 4BYAVE L2LLXG7O2HRKSMJQK7HVG4JB
03-05	0421	Carpenter	30 chr EAM 7Z6N7C KR4REIQDSSY7ULD5YPW4ENIG
03-05	0426	Carpenter	30 chr EAM 7ZDKEO 3UFTWPOR2XUDK32RCVNHFLAS
03-05	0430	Carpenter	30 chr EAM 7ZDKEO 3UFTWPOR2XUDK32RCVNHFLAS
03-05	0434	Carpenter	30 chr EAM 7Z4JHV PZGDQR6YRWDAYXK3XXUT4X6H

03-05	0437	Carpenter	30 chr EAM 7Z6N7C KR4REIQDSSY7ULD5YPW4ENIG
03-05	0451	Carpenter	30 chr EAM 7ZQ2ZF Y4SYCOQUY2IOAJZMRUYJ7ULO
03-05	0458	Carpenter	30 chr EAM 7ZM4SC FVZVU3BQTQT6BH7VY4HSJRC3
03-05	0501	Carpenter	30 chr EAM 7ZM4SC FVZVU3BQTQT6BH7VY4HSJRC3
03-05	0503	Carpenter	30 chr EAM 7ZQ2ZF Y4SYCOQUY2IOAJZMRUYJ7ULO
03-05	0505	Carpenter	30 chr EAM 7Z4JHV PZGDQR6YRWDAYXK3XXUT4X6H
03-05	0530	Carpenter	30 chr EAM 7ZM4SC FVZVU3BQTQT6BH7VY4HSJRC3
03-05	0533	Carpenter	30 chr EAM 7ZQ2ZF Y4SYCOQUY2IOAJZMRUYJ7ULO
03-05	0535	Carpenter	30 chr EAM 7Z4JHV PZGDQR6YRWDAYXK3XXUT4X6H
03-05	1703	Carpenter	30 chr EAM 7Z27FL N7NBZISRJZIGVKU63DPRZOL
03-05	1706	Carpenter	30 chr EAM 7Z2LBG XATGMTDPNFCLLN2DS7DRPXEL
03-05	1732	Carpenter	30 chr EAM 7Z27FL N7NBZISRJZIGVKU63DPRZOL
03-05	1734	Carpenter	30 chr EAM 7Z2LBG XATGMTDPNFCLLN2DS7DRPXEL
03-05	1800	Carpenter	30 chr EAM 7Z27FL N7NBZISRJZIGVKU63DPRZOL
03-05	1804	Carpenter	30 chr EAM 7Z2LBG XATGMTDPNFCLLN2DS7DRPXEL
03-05	1833	Carpenter	30 chr EAM 7ZWPIU OIRJNQNUWWF2EJNUTRNKYBQI
03-05	1835	Carpenter	30 chr EAM 7ZWPIU OIRJNQNUWWF2EJNUTRNKYBQI
03-05	1840	Carpenter	30 chr EAM 7Z27FL N7NBZISRJZIGVKU63DPRZOL
03-05	1843	Carpenter	30 chr EAM 7Z2LBG XATGMTDPNFCLLN2DS7DRPXEL
03-05	1900	Carpenter	30 chr EAM 7ZWPIU OIRJNQNUWWF2EJNUTRNKYBQI
03-05	1902	Carpenter	30 chr EAM 7Z27FL N7NBZISRJZIGVKU63DPRZOL
03-05	1930	Carpenter	30 chr EAM 7ZWPIU OIRJNQNUWWF2EJNUTRNKYBQI
03-05	1937	Carpenter	30 chr EAM for Abram 4BFDZD JP2ZUV5SSHSGRLITT3QZGA5T
03-05	1956	Carpenter	30 chr EAM for Abram 4BVVSS QTV7TLZ3DKY66CLLFDSMFCQ7
03-05	2000	Carpenter	30 chr EAM 7ZWPIU OIRJNQNUWWF2EJNUTRNKYBQI
03-05	2030	Carpenter	30 chr EAM 7ZWPIU OIRJNQNUWWF2EJNUTRNKYBQI
03-05	2201	Carpenter	30 chr EAM 7ZRBFS GQECLI77QJКСЕDILW4NSV6XW
03-05	2217	Carpenter	30 chr EAM 7ZZ7XC S6OHKUVW2L2L3IXUD5RA2NZY
03-05	2231	Carpenter	30 chr EAM 7Z4AEW J5TJ27HVR3MAGTFG2QODNL3I
03-05	2235	Carpenter	30 chr EAM 7ZAEQX 4VSWDTWDVDTN6FOCQGRJPXOM
03-05	2238	Carpenter	30 chr EAM 7ZAEQX 4VSWTTWDVDTN6FOCQGRJPXOM
03-05	2241	Carpenter	30 chr EAM 7Z4AEW J5TJ27HVR3MAGTFG2QODNL3I
03-05	2244	Carpenter	30 chr EAM 7ZZ7XC S6OHKUVW2L2L3IXUD5RA2NZY
03-05	2247	Carpenter	30 chr EAM 7ZRBFS GQECLI77QJКСЕDILW4NSV6XW
04-05	0104	Fast Ball	49 chr EAM 4BCG5Y 7RTFWJ4UC3A3ECP2DHNPOG7PJKNQUPUPOGXVVBZ4OIJ
04-05	0112	Fast Ball	49 chr EAM 7ZAJOT CDA4IOKNLQ7FTXCEDMVKXGOY
04-05	1505	Fast Ball	36 chr EAM 4BNJGJ Z2DR5A2OMJ4YOMP6YL2VHZX3W6RDVQ
04-05	1542	Fast Ball	36 chr EAM 7ZUI73 7YK5D4RCS3DDLF6X2F7U2AZN
04-05	1546	Fast Ball	30 chr EAM 7ZTLNO S4IUF2SRZ64UQXFYRK3DH4OJ
04-05	1554	Fast Ball	30 chr EAM 4BJBB4 T2PP4KFMSSPI55C2LQ7XFHPZ
04-05	1600	Fast Ball	30 chr EAM 7ZH3V7 K4OJXJXCIBO3ZLVQY6HNNX6K
04-05	1604	Fast Ball	30 chr EAM 7ZS7NN JRHR5KOC6DMVL4ACLIZ6YONV
04-05	1610	Fast Ball	30 chr EAM 7ZCXKN V2NAS5C3JQIHZAQ6XRH3SNGX
04-05	1613	Fast Ball	30 chr EAM 7ZYHOR IFWVNXLXVEGWJDUIP6EQ5ONL
04-05	1621	Fast Ball	30 chr EAM 4BYJCR MK4HY3WLLKBQGOJO6FQI5EIC
04-05	1633	Fast Ball	30 chr EAM 4BAWTQ TQUKEI6WFSGILLRYKPTOHZX4
05-05	0022	Firebrick	30 chr EAM EXE2KR AIYFQTPJOCOAWMMMSNDDKDNBT
05-05	0502	Firebrick	30 chr EAM 7ZBRWK OHSXTHSARLIVIWMZGGVWR3AO
05-05	0516	Firebrick	30 chr EAM 7ZH7SZ KE4URGPABZVIRQWTBIZNYD6V
05-05	0520	Firebrick	30 chr EAM 7ZPLJX HYZWUOEYJZFOBOHY6U75BGSX
05-05	0530	Firebrick	30 chr EAM 7ZIRK2 T72Y265XNGNXCUCUWFA3KL2Z
05-05	0535	Firebrick	30 chr EAM 7ZIFHC JGPA2LHJCIYCL3RHDUIPBZX
05-05	0538	Firebrick	30 chr EAM 7ZIRK2 T72Y265XNGNXCUCUWFA3KL2Z
05-05	0541	Firebrick	30 chr EAM 7ZPLJX HYZWUOEYJZFOBOHY6U75BGSX
05-05	0543	Firebrick	30 chr EAM 7ZH7SZ KE4URGPABZVIRQWTBIZNYD6V
05-05	0547	Firebrick	30 chr EAM 7ZZXIC 3EPO2Y5JYSUT4PJ5MLA4GELU
05-05	1443	Firebrick	30 chr EAM for Stoney-21 EXDIF3 FHCEX3MVJ5Z3VDD5ASICBGWI
05-05	1553	Firebrick	30 chr EAM for Cynic EXORGA WCLOQR4FGPT7L3RT7QQO23K7
05-05	1647	Firebrick	30 chr EAM for Cynic EXQT2F YKG6UZUQ26NBLNQYEUTZBHOQ
05-05	1703	Firebrick	30 chr EAM for Cynic EXPQ3Z YN7A64Q7TVIVEXXQTXVHXCOL
05-05	1711	Firebrick	37 chr EAM EXKKKL ACWTREQZLAKMTGKQY6HNNWMEQ6L4CYRE
05-05	1800	Firebrick	30 chr EAM 7Z5PVE TDOR67UKOGDWQEAV2PODIJ6U

05-05	1830	Firebrick	30 chr EAM 7Z5PVE TDOR67UKOGDWQEAV2PODIJ6U
05-05	1846	Firebrick	30 chr EAM for Cynic EXJNKE WSRFLA5JWUWJHCVNAUPEHV3I
05-05	1849	Firebrick	30 chr EAM 7ZTUIP 2LLW6CQU6F3UGURLO4EFSATG
05-05	1900	Firebrick	30 chr EAM 7ZTUIP 2LLW6CQU6F3UGURLO4EFSATG
05-05	1902	Firebrick	30 chr EAM 7Z5PVE TDOR67UKOGDWQEAV2PODIJ6U
05-05	1930	Firebrick	30 chr EAM 7ZTUIP 2LLW6CQU6F3UGURLO4EFSATG
05-05	1932	Firebrick	30 chr EAM 7Z5PVE TDOR67UKOGDWQEAV2PODIJ6U
05-05	2000	Firebrick	30 chr EAM 7ZTUIP 2LLW6CQU6F3UGURLO4EFSATG
05-05	2002	Firebrick	30 chr EAM for Choice Stake? EXD4PJ MAILW5HIPH3RAEHLGVNQGUA
05-05	2028	Firebrick	30 chr EAM 7Z7DA6 PKS2PLOWKU7UYRWWQHNFSQLDB
05-05	2031	Firebrick	30 chr EAM 7Z7DA6 PKS2PLOWKU7UYRWWQHNFSQLDB
05-05	2104	Firebrick	30 chr EAM 7ZYEX6 6TOQEEAEZWGPYRKITLZBKDW2
05-05	2130	Firebrick	30 chr EAM 7ZYEX6 6TOQEEAEZWGPYRKITLZBKDW2
05-05	2230	Firebrick	30 chr EAM 7ZYEX6 6TOQEEAEZWGPYRKITLZBKDW2
05-05	2200	Firebrick	30 chr EAM 7ZYEX6 6TOQEEAEZWGPYRKITLZBKDW2
05-05	2300	Firebrick	30 chr EAM 7ZYEX6 6TOQEEAEZWGPYRKITLZBKDW2
05-05	2330	Firebrick	30 chr EAM 7ZYEX6 6TOQEEAEZWGPYRKITLZBKDW2
06-05	0032	Glenmore	30 chr EAM 7ZEHS2 ZFRIHVG4FZ32MVMNYFSN5KT6
06-05	1007	Glenmore	30 chr EAM for Friar Tuck EX2WEX RJ4KALQMYWDIM4S2TPTO5BNO
06-05	1020	Glenmore	30 chr EAM for Friar Tuck EX2IV6 EG7GYDMLTC3ECWLRGDZ3PXQB
06-05	1044	Glenmore	30 chr EAM for Friar Tuck EXNBRZ TQZBE362AK3LYRDK425R2Y2M
06-05	1146	Glenmore	30 chr EAM for Friar Tuck EX4RBN D7T2ZLL6RKIJTJ5ZGA3ODFYF
06-05	1156	Glenmore	30 chr EAM for Friar Tuck, for New Age EX2BHN V3OWB62R4JNZYC7NEW6TEFY
06-05	1205	Glenmore	30 chr EAM for Friar Tuck, for New Age EXBO6N 2RVDQL5F653VK2VYYTJU25TS
06-05	1214	Glenmore	30 chr EAM for New Age EX2FVG WENBGYSHLOTXTZIBZLSXG2EB
06-05	1224	Glenmore	30 chr EAM for New Age EXRQRD IXP5RE6POJPTPLKTXH646TFV
06-05	1932	Glenmore	30 chr EAM 7ZKCAS MYA7W4CRNZCXN3X2VBFUIKA7
06-05	2045	Glenmore	60 chr EAM F7OOE5 6UEOVGUS2O2N6TBHXBQXVW7DH6TR2YHUNPM7FLENWEBLHOJ25BW74P
07-05	0537	Test Plug	30 chr EAM 7ZPQOF RDK2SX56AXABBEHFBX3NSAJX
07-05	1151	Test Plug	30 chr EAM for Drop Curtain EXNCSL EH4QPIOGVUAYXOUPJEEZ3W6
07-05	1338	Test Plug	30 chr EAM 7ZXIGP ISO3W4OPPJ6BKX4YWVSZHW3N
07-05	1400	Test Plug	30 chr EAM 7ZXIGP ISO3W4OPPJ6BKX4YWVSZHW3N
07-05	1507	Test Plug	30 chr EAM 7ZXIGP ISO3W4OPPJ6BKX4YWVSZHW3N
07-05	1747	Test Plug	30 chr EAM 7Z5UZJ ZPZS6CSPH25HBU4BD6UIB6A2
07-05	1814	Test Plug	30 chr EAM EX6WPC 4P5EGX6W2M7WAJJ3K7MYKJLG
07-05	1833	Test Plug	30 chr EAM 7Z7AI7 LGSU2CETCDNQUP6L2E4ZSYRG
09-05	1830	Producer	30 chr EAM 7ZKTDL QPUHVATUNKXQVOJPWSNDK4IC
09-05	1832	Producer	30 chr EAM 7Z727R AZ7RHTRMFSD5LGYN2D4HWS2
09-05	1930	Producer	30 chr EAM 7Z727R AZ7RHTRMFSD5LGYN2D4HWS2
09-05	1932	Producer	30 chr EAM 7ZKTDL QPUHVATUNKXQVOJPWSNDK4IC
09-05	2000	Producer	30 chr EAM 7Z727R AZ7RHTRMFSD5LGYN2D4HWS2
09-05	2030	Producer	30 chr EAM 7Z727R AZ7RHTRMFSD5LGYN2D4HWS2
11-05	1609	Examiner	30 chr EAM for Orally EXMBZS V5HF2AYITLS4PIPPVUQT767
11-05	1748	Examiner	30 chr EAM for Pizza-61 EXWWLJ AKMNVDPYOQM23CMD4BRENV45
11-05	1753	Examiner	30 chr EAM 7ZV7UX 6CTPM7CFTDVZWFVHNAIGU4H
11-05	1817	Examiner	30 chr EAM 7Z7H23 Z6QGGGYERAW6WZKLCFXAPLWE
11-05	1830	Examiner	30 chr EAM 7ZHVDX XM6JWM3AKPGBCSA7YEMITFW2
11-05	1832	Examiner	30 chr EAM 7ZHVDX XM6JWM3AKPGBCSA7YEMITFW2
11-05	1837	Examiner	30 chr EAM 7Z4R7S SBDYFIK7P4WARBDYGFFX4572
11-05	1839	Examiner	30 chr EAM 7ZV7UX 6CTPM7CFTDVZWFVHNAIGU4H
11-05	1842	Examiner	30 chr EAM 7ZYJ3W HNVKSKKYUC3RG7UEUCSLPJ3K
11-05	1852	Examiner	30 chr EAM 7ZVYSJ E23WRKPSOHINIBU4RB76MRVY
11-05	1856	Examiner	30 chr EAM 7Z7EGA NFQA7QDAGFYRDOP3HHRYZW3X
11-05	1904	Examiner	30 chr EAM 7ZSFQ4 HETPJ2LCQ3NHXULE65QNWHR5
11-05	1910	Examiner	30 chr EAM 7Z6YR7 KCYPO367EUM6ILSTDLDYQE6Z
11-05	2003	Examiner	30 chr EAM 7Z7YB6 GJH65RUI27KBCA6XYADZZQIW
11-05	2006	Examiner	30 chr EAM 7ZHLJZ O7CD4QJXSVIXY56CW5CNPJZ7
11-05	2013	Examiner	30 chr EAM 7Z3HLZ A3WKIXXK36ZZ2EN3OQKRHZ3E
11-05	2048	Examiner	30 chr EAM 7ZMD57 D7MTULJVUP7T7JQEPIJWCFKM
11-05	2051	Examiner	30 chr EAM 7ZAOKJ EXUUXTEU4D6YWGEJATG6Q5S
12-05	1153	Auditory	30 chr EAM for Eyecup EX2DH4 GQLHJ2QDDX42GKIMMGXQAVDE
12-05	1203	Auditory	30 chr EAM for Eyecup EXB37K RPUIMIZEMJO7OBLFYEMRD5I3

12-05	1734	Auditory	30 chr EAM 7ZXVIE LVQODC3MZBNFAEQPKENEXVRB
12-05	1737	Auditory	30 chr EAM 7ZUOSI EIQI4IOVWAEFRMSQAZQGWWV3P
12-05	1846	Auditory	30 chr EAM 7Z2NTL ENTLAKOSVDUGMMT4LUOPZNAI
12-05	1856	Auditory	30 chr EAM 7ZOYLJ JFG7V3PKCTEIRZXNO5PR47CX
12-05	1900	Auditory	30 chr EAM 7ZUOSI EIQI4IOVWAEFRMSQAZQGWWV3P
12-05	1903	Auditory	30 chr EAM 7ZXVIE LVQODC3MZBNFAEQPKENEXVRB
12-05	1906	Auditory	30 chr EAM 7ZA6L5 T4UBFWGX4QBEUztUZ3IQNZS5
12-05	1917	Auditory	30 chr EAM 7ZZYXF F7I3ZW6ZUFRBL6XNEEV5DFUQ
12-05	1922	Auditory	30 chr EAM 7ZE3AI SNO5VPGHGC7TAMTQVCZBQ3YF
12-05	2003	Auditory	30 chr EAM 7ZZYXF F7I3ZW6ZUFRBL6XNEEV5DFUQ
13-05	0039	Auditory	30 chr EAM 7Z5VYF PDEEONUXCKL4JG7XHHWJF6DW
13-05	0101	Scorpion	30 chr EAM 7Z5VYF PDEEONUXCKL4JG7XHHWJF6DW
13-05	0129	Scorpion	30 chr EAM 7Z5VYF PDEEONUXCKL4JG7XHHWJF6DW
13-05	0200	Scorpion	30 chr EAM 7Z5VYF PDEEONUXCKL4JG7XHHWJF6DW
13-05	0230	Scorpion	30 chr EAM 7Z5VYF PDEEONUXCKL4JG7XHHWJF6DW
13-05	0300	Scorpion	30 chr EAM 7Z5VYF PDEEONUXCKL4JG7XHHWJF6DW
13-05	0330	Scorpion	30 chr EAM 7Z5VYF PDEEONUXCKL4JG7XHHWJF6DW
13-05	0400	Scorpion	30 chr EAM 7Z5VYF PDEEONUXCKL4JG7XHHWJF6DW
13-05	0438	Scorpion	30 chr EAM 7Z5VYF PDEEONUXCKL4JG7XHHWJF6DW
13-05	0503	Scorpion	30 chr EAM 7Z5VYF PDEEONUXCKL4JG7XHHWJF6DW
13-05	0526	Scorpion	30 chr EAM 7ZXNTK LYOIPIIGO4R6IP6XRZ5JO4YM
13-05	0529	Scorpion	30 chr EAM 7ZUBML SQ3J HPGT6SWULU2ICKZCU4P
13-05	0531	Scorpion	30 chr EAM 7ZVVE7 SQLQMBDMO67F7HEPCJKGHNR3
13-05	2332	Scorpion	30 chr EAM 7ZLT2Y PVKDLXNSNI2CJSX6G2XYGDBO
14-05	1723	Bishop?	1?? chr EAM MPM5SU FXRSA2BQQGBTWX3D43BTQ6SYLL6Y6BN6OJQY7776PV264VGBG67ZS7AW7222U4OX6OKQXYXN7 YQ6DL5555T6GRQBZD2QJSJ4DDDK4EYYYY2WOD72330 Probably not correct. Barely audible
14-05	1730	Bishop?	30 chr EAM 7ZTF6O VGGPSOYEVHIBZ2IIC4IKMUDP barely audible
15-05	1930	Handrail	30 chr EAM 7ZDGML 33ZRL2NJLAL3RK2M6ANTAF0J
15-05	2000	Handrail	30 chr EAM 7ZDGML 33ZRL2NJLAL3RK2M6ANTAF0J
15-05	2054	Handrail	30 chr EAM 7ZMBT3 WTNPDH7CEEREZPRBLSXWH3UB
15-05	2100	Handrail	30 chr EAM 7ZMBT3 WTNPDH7CEEREZPRBLSXWH3UB
15-05	2103	Handrail	30 chr EAM for Mess EXW6RG QHHU3NY3PJTPSLU4BXZA34F5
15-05	2112	Handrail	30 chr EAM 7ZYVPJ GZ7HPQ6N2IQV5EEA3PS35CLJ
15-05	2114	Handrail	30 chr EAM 7ZRF6R GKIXSUDF7A7WRXOS2GX4OTJN
15-05	2117	Handrail	30 chr EAM 7ZIHU3 XUNB2DVVASWMCUCF6CTGE5WK
15-05	2122	Handrail	30 chr EAM for Mess EXAVHF MYY6IN2KUG7DCJV2DAFH7200
15-05	2130	Handrail	30 chr EAM 7ZIHU3 XUNB2DVVASWMCUCF6CTGE5WK
15-05	2132	Handrail	30 chr EAM 7ZRF6R GKIXSUDF7A7WRXOS2GX4OTJN
15-05	2135	Handrail	30 chr EAM 7ZYVPJ GZ7HPQ6N2IQV5EEA3PS35CLJ
15-05	2137	Handrail	30 chr EAM 7ZMBT3 WTNPDH7CEEREZPRBLSXWH3UB
15-05	2200	Handrail	30 chr EAM 7ZIHU3 XUNB2DVVASWMCUCF6CTGE5WK
15-05	2204	Handrail	30 chr EAM for Mess EXFKXC HS4DZP2EDXC6HLXI5JXOYULO
15-05	2207	Handrail	30 chr EAM 7ZQAS3 NSNXPL4CNDCN7PZKZEMBLKRV
15-05	2111	Handrail	30 chr EAM 7Z6TOO TBAQWEIODBVB7KCY7W6HL7UK
15-05	2114	Handrail	30 chr EAM 7Z6J2N Q576T7CHGED4UC5ETF4PEI53
15-05	2118	Handrail	30 chr EAM 7ZRF6R GKIXSUDF7A7WRXOS2GX4OTJN
15-05	2120	Handrail	30 chr EAM 7ZCZCJ J2K7WMZE23PTCHRHPRJNSLVA
15-05	2123	Handrail	30 chr EAM 7ZYVPJ GZ7HPQ6N2IQV5EEA3PS35CLJ
15-05	2125	Handrail	30 chr EAM 7ZMBT3 WTNPDH7CEEREZPRBLSXWH3UB
15-05	2134	Handrail	30 chr EAM for Mess EX6TE3 IATTHLHLLXIBXNHURDRSA2Q
16-05	2253	Adhesive	30 chr EAM 7Z5OAZ PGTHNFUAGTWKSM5AJMWXOS74
16-05	2256	Adhesive	30 chr EAM 7ZL4CU KWK3XKAQBUPV2TQXDTKJ7SIP
16-05	2258	Adhesive	30 chr EAM 7ZZ4GY TVHQXA64AOJBBMA7BJ3BIU6E
16-05	2301	Adhesive	30 chr EAM 7ZZ4GY TVHQXA64AOJBBMA7BJ3BIU6E
16-05	2303	Adhesive	30 chr EAM 7ZL4CU KWK3XKAQBUPV2TQXDTKJ7SIP
16-05	2306	Adhesive	30 chr EAM 7Z5OAZ PGTHNFUAGTWKSM5AJMWXOS74
16-05	2314	Adhesive	30 chr EAM 7ZGURV 6E7V4KXDFYJXWCHVFWA5EHNJ
16-05	2316	Adhesive	30 chr EAM 7ZKFS2 B4O4TUYZUCAGCGYVOLBLXJWC
16-05	2329	Adhesive	30 chr EAM 7ZKFS2 B4O4TUYZUCAGCGYVOLBLXJWC
16-05	2333	Adhesive	30 chr EAM 7ZGURV 6E7V4KXDFYJXWCHVFWA5EHNJ
16-05	2335	Adhesive	30 chr EAM 7ZZ4GY TVHQXA64AOJBBMA7BJ3BIU6E

16-05	2338	Adhesive	30 chr EAM 7ZL4CU KWK3XKAQBUPV2TQXDTKJ7SIP
16-05	2340	Adhesive	30 chr EAM 7Z5OAZ PGTHNFUAGTWKSM5AJMWXOS74
17-05	0036	Diddybag	30 chr EAM 7ZSSQZ VDFA4NRWGNPKTENIOUIBH4LS
17-05	0236	Diddybag	30 chr EAM 7ZBBZQ XICSACARDKPDWY4WLOL6UA3P
17-05	1800	Diddybag	30 chr EAM D45SYN 5S4LRND5HURLVJEJMPXNI6UO
17-05	1833	Diddybag	30 chr EAM D4WHIP WK2ZAIQVOH6EVSF4RYVYDQ4F
17-05	1859	Diddybag	30 chr EAM D4WHIP WK2ZAIQVOH6EVSF4RYVYDQ4F
17-05	1929	Diddybag	30 chr EAM D4WHIP WK2ZAIQVOH6EVSF4RYVYDQ4F
17-05	2029	Diddybag	30 chr EAM D4YYC7 JTZAJV7QJFOWAYVL3YURXBP6
17-05	2040	Diddybag	30 chr EAM D4Z3AP BK7BLRIHQSSSEX6QXDJWSV5C
18-05	0041	Deer Run	30 chr EAM D43NXH ZVNHXZWUZQ3EUVYFD3EOAJ2D
18-05	0055	Deer Run	42 chr EAM EXY4ZM A5KZBMTDNLM6KFFIBOBFIB2IYXZWNAUVFWPA
18-05	0058	Deer Run	30 chr EAM EXNQ4K TBJEV4BA6PTDVI6ZS6XQWXMUI
18-05	0119	Deer Run	30 chr EAM EXVKNX TXWTUG5PBNWRCBMXG4EV5JHK
18-05	1612	Deer Run	30 chr EAM D4UQDN D7E7Y6Y4LKGVSUD2EH5IWYE3
19-05	0628	Roll Call	30 chr EAM D4VO4W R2RFXB4OUJZQKTNRFRIWLN6R
19-05	0649	Roll Call	30 chr EAM D4GQ2D GT7VR2XUSWJZLVHKE2WDKSL
19-05	0701	Roll Call	30 chr EAM D4GQ2D GT7VR2XUSWJZLVHKE2WDKSL
19-05	0703	Roll Call	30 chr EAM D4GKQO 4WQJG2EXB3TH23OCKWLZDSNK
19-05	0731	Roll Call	30 chr EAM D4GQ2D GT7VR2XUSWJZLVHKE2WDKSL
19-05	0733	Roll Call	30 chr EAM D4GKQO 4WQJG2EXB3TH23OCKWLZDSNK
19-05	0801	Roll Call	30 chr EAM D4GQ2D GT7VR2XUSWJZLVHKE2WDKSL
19-05	0805	Roll Call	30 chr EAM D4GKQO 4WQJG2EXB3TH23OCKWLZDSNK
19-05	0831	Roll Call	30 chr EAM D4GQ2D GT7VR2XUSWJZLVHKE2WDKSL
19-05	0835	Roll Call	30 chr EAM D4GKQO 4WQJG2EXB3TH23OCKWLZDSNK
19-05	0901	Roll Call	30 chr EAM D4GQ2D GT7VR2XUSWJZLVHKE2WDKSL
19-05	0904	Roll Call	30 chr EAM D4GKQO 4WQJG2EXB3TH23OCKWLZDSNK
19-05	0931	Roll Call	30 chr EAM D4GQ2D GT7VR2XUSWJZLVHKE2WDKSL
19-05	0934	Roll Call	30 chr EAM D4GKQO 4WQJG2EXB3TH23OCKWLZDSNK
19-05	1030	Roll Call	30 chr EAM D4GQ2D GT7VR2XUSWJZLVHKE2WDKSL
19-05	1032	Roll Call	30 chr EAM D4GKQO 4WQJG2EXB3TH23OCKWLZDSNK
19-05	1537	Roll Call	30 chr EAM for Wolga? EXE6OZ 2LFNOYWLLQEBD5VM3Z7OK73M
19-05	1553	Roll Call	30 chr EAM for Wolga? EX3MO6 NHRPMN3JPZSTIDY4GLNKQ4DD
19-05	1648	Roll Call	30 chr EAM for Wolga? EXGI7L FE2RLJF5ACGMFGRA7LPJU2DY
19-05	1704	Roll Call	30 chr EAM for Wolga? EXUD6T THFESVHKDAVBKTVDEYXQC4U
19-05	1830	Roll Call	30 chr EAM D4ZHT2 BPQ2XN5IPGSQHDZTF6YDPUAH
19-05	1845	Roll Call	30 chr EAM for Wolga? EXF7OB RXGLDV44U7OINPA76ZS5CGBF
19-05	1859	Roll Call	30 chr EAM D4ZHT2 BPQ2XN5IPGSQHDZTF6YDPUAH
19-05	1930	Roll Call	30 chr EAM D4ZHT2 BPQ2XN5IPGSQHDZTF6YDPUAH
20-05	0053	Bankrupt	42 chr EAM EXCIH ENK5Y4VY54MTI7TTPHHTPS7XM2GIP52EYLM
20-05	0053	Bankrupt	54 chr EAM EXTPBH 2OFOHIFHWL52MM4QPFQYHXY3GHOPR4E3XTI3GPIP5UTJWWZ
20-05	0159	Bankrupt	54 chr EAM EXTPBH 2OFOHIFHWL52MM4QPFQYHXY3GHOPR4E3XTI3GPIP5UTJWWZ
20-05	0209	Bankrupt	30 chr EAM D4Z47D WEWMAK5PDY37TDGKTESYEG4K
20-05	0232	Bankrupt	30 chr EAM D4Z47D WEWMAK5PDY37TDGKTESYEG4K
20-05	0237	Bankrupt	54 chr EAM EXKGLA VRBSR34VMTUDEK5WCWD5WHWWGKFKTEF554RYGK4KT3ZWPTMH
20-05	0242	Sycamore	54 chr EAM EXKGLA VRBSR34VMTUDEK5WCWD5WHWWGKFKTEF554RYGK4KT3ZWPTMH
20-05	0437	Bankrupt	56 chr EAM MPO7WU FA2Q3GFCAFVN6UH4B2OYJXAP7FRHASDNZDGIJYTA44LDUNT4U
20-05	0549	Bankrupt	164 chr EAM MPEWP4 BEFJX3656MY2UCINRBWXFNLV4V42BDF7A6F4444BJ74DEC7TZVPT4LUF64444TMELEKWWEPY TZJIEZBBBBOCBXSG6JGGOQ7LBL7YYYYYQBWRU4YIPPGJRVCRRVNNNNZ22STRGRQQTBGGBBJ 6MMMMEIGB4QTGF
20-05	0915	Bankrupt	142 chr EAM MPALQS QMPYIGF37SICWRAVYYP6OGPPG65UR3OLSLLBBBWBZ3P6YNTSFYWRENAERRRR6ZAI4BT4I PLVYLCL6666TP6RDVYECXSAUK6PATCCCCHFVGLGYKLUJETJJZZNNNNY7ETKOHL
20-05	0232	Bankrupt	59 chr EAM EXAOK NDTGASAAG7BI5WURIXCUROXCUR02R5JVVOCCGUXLG5VOVOAS6QWWO
20-05	1221	Bankrupt	30 chr EAM D4HC4K THCBT4LLL7AL4YDGM036AP
20-05	1400	Bankrupt	30 chr EAM D4HC4K THCBT4LLL7AL4YDGM036AP
20-05	1537	Bankrupt	30 chr EAM D4EL3K AYVPQCWZRVKKPX6KEQ4OPL3A
20-05	1600	Bankrupt	30 chr EAM D4EL3K AYVPQCWZRVKKPX6KEQ4OPL3A
20-05	1630	Bankrupt	30 chr EAM D4EL3K AYVPQCWZRVKKPX6KEQ4OPL3A
20-05	1700	Bankrupt	30 chr EAM D4EL3K AYVPQCWZRVKKPX6KEQ4OPL3A
20-05	1756	Bankrupt	37 chr EAM EXWYOL EZNK4IY7UI73AVGBEFLWNAWJ2H7TRJG

20-05	1759	Bankrupt	37 chr EAM EXWYOL EZNK4IY7UI73AVGBEFLWNAWJ2H7TRJG
20-05	1803	Bankrupt	41 chr EAM EXFJPF C26H4BOZVFOKNWX6WNAOUAJFR2AAQFIXQGE
20-05	1807	Bankrupt	30 chr EAM EXBZYC K2CGWWDUZGXDYYDUGZEDGTNJ
20-05	1945	Bankrupt	59 chr EAM EXQ24V KDGN5X4WB3XZFC37XOE3HG0E3HYJNKD3NSE37QCLNKDCNWNIBFZQ
20-05	1955	Bankrupt	47 chr EAM EXJA3K KDNZWUTLXY2V5GCC337MJHGCUZJ7ITFJCGCV2NRZ3S
20-05	2007	Bankrupt	30 chr EAM D4SZQE TZ6DK6KNLUESGCOVTB4O3NH7
20-05	2009	Bankrupt	30 chr EAM D4MKET 4PKXMG52GW2HT776HPZYP5BH
20-05	2017	Bankrupt	30 chr EAM D4RHOT FWKNIWWS26D2HEBMJXWR5QEP
20-05	2036	Bankrupt	30 chr EAM D434H4 42DADHBNHGNRNV4UU7GKZDS
20-05	2100	Bankrupt	30 chr EAM D434H4 42DADHBNHGNRNV4UU7GKZDS
20-05	2131	Bankrupt	30 chr EAM D4JQCA 2XHKWQVF2XS4WLYZCI45CYKV
20-05	2133	Bankrupt	30 chr EAM D434H4 42DADHBNHGNRNV4UU7GKZDS
20-05	2203	Bankrupt	30 chr EAM D434H4 42DADHBNHGNRNV4UU7GKZDS
20-05	2205	Bankrupt	30 chr EAM D4JQCA 2XHKWQVF2XS4WLYZCI45CYKV
20-05	2231	Bankrupt	30 chr EAM D4JQCA 2XHKWQVF2XS4WLYZCI45CYKV
20-05	2233	Bankrupt	30 chr EAM D434H4 42DADHBNHGNRNV4UU7GKZDS
20-05	2300	Bankrupt	30 chr EAM D4JQCA 2XHKWQVF2XS4WLYZCI45CYKV
21-05	0100	Toadstool	52 chr EAM EXMZNH DSF5DTFFXHMQUICHYXUQFYZYNPDEILCHYLUNZYZFOZYI5T
21-05	0105	Toadstool	41 chr EAM EXXJOK UIUYSJSPWQVIJHA73A6KXMR5QRGPTRB72A
21-05	0121	Toadstool	30 chr EAM EXDQZB GVDDP2XQYZDVIQW4UCVZUHCN
21-05	0146	Toadstool	30 chr EAM D4PBNR PYY6XFXQPVSENH4XACKNADXM
21-05	0157	Toadstool	30 chr EAM D44QIO KPTIXTEDB4IXEG36QEYDPITH
21-05	0214	Toadstool	30 chr EAM D4CXEQ G6LAOJ4IFXRMBJ3V56OAFRJD
21-05	1316	Toadstool	30 chr EAM for Corso? EXQR6M C7NGVLLY52ESN27FYG4W265H
21-05	1326	Toadstool	30 chr EAM for Corso? unreadable
21-05	1336	Toadstool	30 chr EAM for Corso? EXNJSE 3JWGWKKYU3PVO2ONJL22UBQO
21-05	1605	Toadstool	56 chr EAM MPIYTJ TU63SDWZNILYFVOSCEJVKJB3LKRBBP66Q4HOOQDMMQKMKBW4TY
21-05	1712	Toadstool	30 chr EAM EXRPXY PU5P2QCRHFUL6YELOAWWGGRS
21-05	1724	Toadstool	30 chr EAM EXAK43 LSPXFVYTCCZVWYOGOTBMC3NK
21-05	1817	Toadstool	30 chr EAM D4OQR3 732AZRR45UBWXCCHPTAT3ECJ
21-05	1820	Toadstool	30 chr EAM D4UGZO NA2D2NT37XYGYWCCDXGL6MXP
21-05	2216	Toadstool	30 chr EAM D4O5QI NIFE2BCBLH2U3VRYQWLRKG3E
21-05	2237	Toadstool	30 chr EAM D4O5QI NIFE2BCBLH2U3VRYQWLRKG3E
21-05	2300	Toadstool	30 chr EAM D4O5QI NIFE2BCBLH2U3VRYQWLRKG3E
21-05	2333	Toadstool	30 chr EAM D4O5QI NIFE2BCBLH2U3VRYQWLRKG3E
22-05	1352	Pullover	33 chr EAM EXG56Z WABZZHDNSULGB6TIAIH5ICNZB7M
22-05	1402	Pullover	30 chr EAM for Gulch? EXERUQ J3WBOL6KG2SOQTRLCEQTHX2X
22-05	1445	Pullover	30 chr EAM D4MUOY B23RT3AZXSBVBB5FTL3QLABE
22-05	1459	Pullover	30 chr EAM D4MUOY B23RT3AZXSBVBB5FTL3QLABE
22-05	1502	Pullover	30 chr EAM D4K2LE FVA3ANCBVO2QIBKNZL5H2SCP
22-05	1506	Pullover	30 chr EAM D4FQUD SGEDABXWSJOQGNOTTSBOWGR4
22-05	1511	Pullover	30 chr EAM D4K2LE FVA3ANCBVO2QIBKNZL5H2SCP
22-05	1514	Pullover	30 chr EAM D4MUOY B23RT3AZXSBVBB5FTL3QLABE
22-05	1517	Pullover	30 chr EAM D4FQUD SGEDABXWSJOQGNOTTSBOWGR4
22-05	1520	Pullover	30 chr EAM D42PIP 6VCW3TFFLTSTI63I6GCEL6O
22-05	1546	Pullover	30 chr EAM for Dibby-28? EXITSQ YIWK42ZAQQH7UB45E6J2ENI6
22-05	1552	Pullover	31 chr EAM EXCEGV 2GX5766DKIRENVQBMNFMFSZUL5
22-05	1602	Pullover	30 chr EAM for Gulch? EXI7AL Y7DUHVU6YYLOSUBOYFVQ5SHH
22-05	1616	Pullover	30 chr EAM D4OLFK LKE3DEWRYBY2QGF2CW4D2BZX
22-05	1713	Pullover	53 chr EAM EXS6SE XNM6A6TLGIDKUCHIE6F2EJHNNIJ73F2IQQYF2D4QYF2IBQL
22-05	1803	Pullover	90 chr EAM EXBQBB HBIWNOV7HW3MGRAPGQHAPG4O4IGHOE3JRGG4URG7OJ3Q73L47IGKOM-HFYEL4YZGJOE3JRGG4S3CGOJ3Q73LL
22-05	2140	Pullover	37 chr EAM EXF232 CZGMCR3FBEX7OGJKO27OVEYMULOYE3R
22-05	2203	Pullover	30 chr EAM D4IAOD I6KR2VYVAH3BO4BXH3VHCPQ3
22-05	2206	Pullover	30 chr EAM D4GEIO TEKEHJSGY554JUFUQVLIDWRZ
22-05	2212	Pullover	30 chr EAM D4VKK6 ZAQYJRFOXXSGDZQZWDK7FOUA
22-05	2228	Pullover	30 chr EAM D4NF3B TJN2OEOO4GPCV3NF2GYH2URF
23-05	0035	Bold Act	30 chr EAM D4LKB2 CYR4G6YJF6IOQCWPVWO2BIPH
23-05	0454	Bold Act	36 chr EAM EXEY5H DU6KD56U2N56PB7DETM6GLRUBARGXG
23-05	0539	Bold Act	30 chr EAM D42VG2 P2R53OBMHQ7VUDREN7PC7OYZ
23-05	0638	Bold Act	164 chr EAM MPNRBA IQBHTTOECDW62GMQW/MUTTQODQZQSJ4NJJDXYYYY2W4AMFSTRDXGEIGGT3NNNNNC66WMZ

			DAD6N7ZK7CKC6666AHCJG3OOVUUITCQIQ6KKKKZMXO36G43U6AYTDLD3UUUUZR4FYNNLEE2 F667TFA4444BJ3JRQJQT
23-05	0734	Bold Act	164 chr EAM MPPY5P F3LCPHTC7G4HF33T73HQ4DICDPDV4IL44TD4444TMELEXWHKFYJIVJJTNBBBBOCBXS FJGJ6OLHB LQBQYYYYQBWRU2IIPWGV3CJVJXNNNNZ22STFQ5THTXKOBJB3MMMMMEI3O6GGPQQU7WWLZ 7OBBBBWZJ64D6DP
23-05	0839	Bold Act	164 chr EAM MPZ5L4 LDIEWEGLJRXW4VTG2TLK3PACPYPFBAEBBWNRRRR6ZAI4GJWB2I3CY33PV6666TP6RDUEVECSN P6NA6ACCCCHFAVG Y22XUUDT4JDJ7NNNNY7JXPQ3LPXHXVDYJY4NNNNIGSQH66NIIY6BBZW6J7 7776PRCGSCSP
23-05	0846	Bold Act	164 chr EAM MPZ5L4 LDIEWEGLJRXW4VTG2TLK3PACPYPFBAEBBWNRRRR6ZAI4GJWB2I3CY33PV6666TP6RDUEVECSN P6NA6ACCCCHFAVG Y22XUUDT4JDJ7NNNNY7JXPQ3LPXHXVDYJY4NNNNIGSQH66NIIY6BBZW6J7 7776PRCGSCSP
23-05	1402	Bold Act	30 chr EAM D4XTYZ H3JSHEQQ4PLIN5RO4MSULOYA
23-05	1405	Bold Act	30 chr EAM for Stool EXOKTD QDZUCU34UDTUJSHAKSTOITW
23-05	1408	Bold Act	30 chr EAM D4VQ62 DKKR4D2GNBG73BJCEL35GLNX
23-05	1413	Bold Act	30 chr EAM D4THNS RN7F3HUXA6PCO726F3EJB5PI
23-05	1524	Bold Act	30 chr EAM D4PELE ZLGP2ZMIJ6R2L6RMQIROT34S
23-05	1602	Bold Act	30 chr EAM for Stool EXZPYT G4LBWAWTVU3JLAIQMPATWTF2
23-05	1732	Bold Act	30 chr EAM D4IFY7 RU7EEU5TZ6ZY4EL2BUVLHIB4
23-05	1800	Bold Act	30 chr EAM D4IFY7 RU7EEU5TZ6ZY4EL2BUVLHIB4
23-05	1819	Bold Act	30 chr EAM D4VYNX X2A3S24DV6JC4JQLDFOQGKPU
23-05	1829	Bold Act	30 chr EAM D4VYNX X2A3S24DV6JC4JQLDFOQGKPU
23-05	1833	Bold Act	30 chr EAM D4IFY7 RU7EEU5TZ6ZY4EL2BUVLHIB4
23-05	1909	Bold Act	30 chr EAM D4VYNX X2A3S24DV6JC4JQLDFOQGKPU
23-05	1912	Bold Act	30 chr EAM D4IFY7 RU7EEU5TZ6ZY4EL2BUVLHIB4
23-05	1930	Bold Act	30 chr EAM D4VYNX X2A3S24DV6JC4JQLDFOQGKPU
23-05	1933	Bold Act	30 chr EAM D4IFY7 RU7EEU5TZ6ZY4EL2BUVLHIB4
23-05	2000	Bold Act	30 chr EAM D4VYNX X2A3S24DV6JC4JQLDFOQGKPU
23-05	2003	Bold Act	30 chr EAM D4IFY7 RU7EEU5TZ6ZY4EL2BUVLHIB4
23-05	2029	Bold Act	30 chr EAM D4VYNX X2A3S24DV6JC4JQLDFOQGKPU
23-05	2032	Bold Act	30 chr EAM D4IFY7 RU7EEU5TZ6ZY4EL2BUVLHIB4
23-05	2059	Bold Act	30 chr EAM D4VYNX X2A3S24DV6JC4JQLDFOQGKPU
23-05	2103	Bold Act	30 chr EAM D4IFY7 RU7EEU5TZ6ZY4EL2BUVLHIB4
23-05	2115	Bold Act	30 chr EAM D46THP OUPIYDGB4DQ2AWCRKKCGBSL6
23-05	2126	Bold Act	42 chr EAM EXSNXY HZAS7KEAXEMW3JWSQDKWSQUV2VAXC2DHV7DA
23-05	2129	Bold Act	30 chr EAM D4JWYS W72UHVWUQ3T3LKCUA74NOPD
23-05	2132	Bold Act	30 chr EAM D4JWYS W72UHVWUQ3T3LKCUA74NOPD
23-05	2135	Bold Act	30 chr EAM D46THP OUPIYDGB4DQ2AWCRKKCGBSL6
23-05	2138	Bold Act	30 chr EAM D4YXFX 4G2JNDLXU5J7RIKNZHYE72IB
23-05	2141	Bold Act	30 chr EAM D4IFY7 RU7EEU5TZ6ZY4EL2BUVLHIB4
23-05	2143	Bold Act	30 chr EAM D4BQP7 CLCCA2LR7NQV3WPE3G7LJUUV
23-05	2159	Bold Act	30 chr EAM D4BQP7 CLCCA2LR7NQV3WPE3G7LJUUV
23-05	2202	Bold Act	30 chr EAM D4YXFX 4G2JNDLXU5J7RIKNZHYE72IB
23-05	2204	Bold Act	30 chr EAM D4CPA2 WLMCUSYCKWCKGIDSIFXDSY3
23-05	2207	Bold Act	30 chr EAM D4JWYS W72UHVWUQ3T3LKCUA74NOPD
23-05	2210	Bold Act	30 chr EAM D46THP OUPIYDGB4DQ2AWCRKKCGBSL6
23-05	2212	Bold Act	30 chr EAM D4VYNX X2A3S24DV6JC4JQLDFOQGKPU
23-05	2229	Bold Act	30 chr EAM D42IYE ZN2VVGCTSKIJ2XL4T36PCGOS
23-05	2233	Bold Act	30 chr EAM D42IYE ZN2VVGCTSKIJ2XL4T36PCGOS
23-05	2242	Bold Act	30 chr EAM D4D5XN LDPEHWF4EV24QP22YCINXVWH
23-05	2259	Bold Act	30 chr EAM D42IYE ZN2VVGCTSKIJ2XL4T36PCGOS
23-05	2302	Bold Act	30 chr EAM D4D5XN LDPEHWF4EV24QP22YCINXVWH
23-05	2329	Bold Act	30 chr EAM D4D5XN LDPEHWF4EV24QP22YCINXVWH
23-05	2331	Bold Act	30 chr EAM D42IYE ZN2VVGCTSKIJ2XL4T36PCGOS
24-05	0026	Subsonic	30 chr EAM D4KA7P S7FZKIVZZRPXKU7EL3E2KCB4
24-05	1648	Subsonic	30 chr EAM D4YJHZ JRI2HS6P2IPHXSM4273OWRVZ
24-05	1729	Subsonic	30 chr EAM D4YJHZ JRI2HS6P2IPHXSM4273OWRVZ
24-05	1732	Subsonic	30 chr EAM D4E34S EFGUJRZLKVEQGVRT4FRQGHNI
24-05	1759	Subsonic	30 chr EAM D4QJXX EYB6NNWB2W22JXBEMCXT4HQL
24-05	1801	Subsonic	30 chr EAM D4E34S EFGUJRZLKVEQGVRT4FRQGHNI

24-05	1803	Subsonic	30 chr EAM D4YJHZ JRI2HS6P2IPHXSM4273OWRVZ
24-05	1816	Subsonic	30 chr EAM D45TO2 XD3POL7AFYAJFYIBY2RTBCOL
24-05	2234	Subsonic	30 chr EAM D4QQIX IW67XV7VWEWTSYGX7OSWQBKN3
24-05	2259	Subsonic	30 chr EAM D4A7TT K5SDUYFXZP4OW5XGT2LXIHP
24-05	2301	Subsonic	30 chr EAM D4Z2JD ZNYG22Y4DZOX2N6OWSDKFX
24-05	2303	Subsonic	30 chr EAM D4Z2JD ZNYG22Y4DZOX2N6OWSDKFX
24-05	2305	Subsonic	30 chr EAM D4A7TT K5SDUYFXZP4OW5XGT2LXIHP
24-05	2309	Subsonic	30 chr EAM D4QQIX IW67XV7VWEWTSYGX7OSWQBKN3
24-05	2329	Subsonic	30 chr EAM D4Z2JD ZNYG22Y4DZOX2N6OWSDKFX
24-05	2332	Subsonic	30 chr EAM D4A7TT K5SDUYFXZP4OW5XGT2LXIHP
25-05	0003	Subsonic	30 chr EAM D4Z2JD ZNYG22Y4DZOX2N6OWSDKFX
25-05	0006	Subsonic	30 chr EAM D4A7TT K5SDUYFXZP4OW5XGT2LXIHP
25-05	0008	Sheepman	30 chr EAM D4Z2JD ZNYG22Y4DZOX2N6OWSDKFX
25-05	0011	Sheepman	30 chr EAM D4A7TT K5SDUYFXZP4OW5XGT2LXIHP
25-05	0100	Sheepman	30 chr EAM EXROGZ KRL5TOQWX7NR6JXPXORJF4Q
25-05	0111	Sheepman	30 chr EAM D4FXKI POSXI3Q3BDVKQELSOLRUJAOIG
25-05	0122	Sheepman	30 chr EAM D44TTK WO7YB3CHIMLEABMJVNEIDL
25-05	0140	Sheepman	30 chr EAM D4PI23 FKDV4IKZLYWPWFZJAOEFXYH
25-05	0459	Sheepman	30 chr EAM D4JJK2 SPGKVHNNNDGLMU5YNXYWARYDU
25-05	0559	Sheepman	30 chr EAM D432GV QBECBSXRPJUTFDUPSQR237
25-05	0601	Sheepman	30 chr EAM D432GV QBECBSXRPJUTFDUPSQR237
25-05	0604	Sheepman	30 chr EAM D4JJK2 SPGKVHNNNDGLMU5YNXYWARYDU
25-05	0947	Sheepman	51 chr EAM EXODCW QYPFQCHFRFFQ2CTIP2QU4SXVSYLYLNQXKFXSJHOFQNPWKXSYSGSD
25-05	0954	Sheepman	30 chr EAM FYNIIU PAIXVJHSRR5R6EDIGB3PR7A2
25-05	1219	Sheepman	37 chr EAM FYG4IN C13LXLM13ENV3OLSPA7LEWFXNP6V73
25-05	1549	Sheepman	54 chr EAM FYUFHF BDLHT6RYGGGET2UNOVPUO6X57YREZM7H3UH57YLENI2GDIN
25-05	1608	Sheepman	30 chr EAM FYXIVA 3KUL57BPQJIPMWFJO2CRSS4
25-05	1630	Sheepman	54 chr EAM FY7AKR YVHJGKOEUXO5SWK3T7LN4CMY3ME4BDK67TVI3MEUBLGK4LVS
25-05	1834	Sheepman	54 chr EAM MPUXO3 OFODW3JSTRQMYDFALFJ12C6BICG67K7WER7222U4CK7Z3LT
25-05	1953	Sheepman	37 chr EAM FYX2RN KENSL5N2X2UQ3R6DUE7PIOY4YCLOCVK
25-05	2003	Sheepman	30 chr EAM D4FAKD 4B3LX2GILCQMWWV4UG2DEVL4
25-05	2030	Sheepman	30 chr EAM D4FAKD 4B3LX2GILCQMWWV4UG2DEVL4
25-05	2033	Sheepman	30 chr EAM D4FAKD 4B3LX2GILCQMWWV4UG2DEVL4
25-05	2100	Sheepman	30 chr EAM D4FAKD 4B3LX2GILCQMWWV4UG2DEVL4
25-05	2130	Sheepman	30 chr EAM D4FAKD 4B3LX2GILCQMWWV4UG2DEVL4
25-05	2200	Sheepman	30 chr EAM D4FAKD 4B3LX2GILCQMWWV4UG2DEVL4
26-05	0034	Browbeat	30 chr EAM FYIFC3 56G4PMX46QENAOHRSO7R2C32
26-05	0050	Browbeat	30 chr EAM D43GAG 27LDNHTVXDRJQKQWTLNHS42K
26-05	0100	Browbeat	30 chr EAM D44CQK HO3E76TAJYLGOPYDYHXZOFXDP
26-05	1002	Browbeat	30 chr EAM D43GAG 27LDNHTVXDRJQKQWTLNHS42K
26-05	0117	Browbeat	30 chr EAM D4OFYN UDBZVPRHL4YAHHYHGNBIWP4G
26-05	0127	Browbeat	54 chr EAM MPLIP2 VOIVGIJGDRSDEUSOJWMTN62PYSOX6YMDYY25555T6MKFCT7Y
26-05	0130	Browbeat	30 chr EAM D4OFYN UDBZVPRHL4YAHHYHGNBIWP4G
26-05	0133	Browbeat	30 chr EAM D44CQK HO3E76TAJYLGOPYDYHXZOFXDP
26-05	0200	Browbeat	54 chr EAM MPLIP2 VOIVGIJGDRSDEUSOJWMTN62PYSOX6YMDYY25555T6MKFCT7Y
26-05	0203	Browbeat	30 chr EAM D4OFYN UDBZVPRHL4YAHHYHGNBIWP4G
26-05	0205	Browbeat	30 chr EAM D44CQK HO3E76TAJYLGOPYDYHXZOFXDP
26-05	0220	Browbeat	30 chr EAM D4WKE3 G7LFUJDD33GRWXZ4YYI2NHCO
26-05	0330	Browbeat	30 chr EAM D44CQK HO3E76TAJYLGOPYDYHXZOFXDP
26-05	0359	Browbeat	30 chr EAM D4WKE3 G7LFUJDD33GRWXZ4YYI2NHCO
26-05	0359	Browbeat	30 chr EAM D4WKE3 G7LFUJDD33GRWXZ4YYI2NHCO
26-05	0533	Browbeat	30 chr EAM for Persymmetry FY6SFG ZYAHV7SPYUQS2ORGMPZ3XOH
26-05	0542	Browbeat	30 chr EAM for Persymmetry FYSCJ1 4ZCSECEMRUNISFSDVSJS5SG
26-05	0633	Browbeat	30 chr EAM for Persymmetry FYNX7L 37ZQY4JXSTIJLSS6HUWINKCX
26-05	0732	Browbeat	30 chr EAM for Persymmetry FYUQLV WT5CHGZ7LD542PULGTRVLMV
26-05	1530	Browbeat	30 chr EAM D4T5OD M33UAE17SBZ4VHOR7ENYOKT3
26-05	1546	Browbeat	30 chr EAM D4S6JE EKZUSDN7YIKDBMOJUGHQI3U
26-05	1737	Browbeat	30 chr EAM D4SMNL R6AK2N6OA7QGU3LU6QIGEP2W
26-05	1740	Browbeat	30 chr EAM D4OIZA MINIK2UFD7FNZ7JP7WKR6ZT4
26-05	1946	Browbeat	30 chr EAM D4A4YS YH67PQSYIY2X5GGZ7ALVZ2QS
26-05	1950	Browbeat	30 chr EAM D46RLO FRXZRISK3Z7F4YSNSDTZQER2
26-05	1953	Browbeat	30 chr EAM D4FMSF ORO4XDKP4P3AWXTWFCYCFDWL

26-05	2000	Browbeat	30 chr EAM D4FMSF ORO4XDKP4P3AWXTWFCYCFDWL
26-05	2003	Browbeat	30 chr EAM D46RLO FRXZRISK3Z7F4YSNSDTZQER2
26-05	2006	Browbeat	30 chr EAM D4A4YS YH67PQSYIY2X5GGZ7ALVZ2QS
26-05	2010	Browbeat	30 chr EAM D43KWX BE72SVCU5HCQBA2OVE2YOUIL
26-05	2029	Browbeat	30 chr EAM D43KWX BE72SVCU5HCQBA2OVE2YOUIL
26-05	2032	Browbeat	30 chr EAM D4FMSF ORO4XDKP4P3AWXTWFCYCFDWL
26-05	2034	Browbeat	30 chr EAM D46RLO FRXZRISK3Z7F4YSNSDTZQER2
26-05	2037	Browbeat	30 chr EAM D4A4YS YH67PQSYIY2X5GGZ7ALVZ2QS
26-05	2100	Browbeat	30 chr EAM D43OQZ NEM2X6KOSRTTUTMTJLGXOKEB
26-05	2103	Browbeat	30 chr EAM D43KWX BE72SVCU5HCQBA2OVE2YOUIL
26-05	2105	Browbeat	30 chr EAM D4FMSF ORO4XDKP4P3AWXTWFCYCFDWL
26-05	2108	Browbeat	30 chr EAM D46RLO FRXZRISK3Z7F4YSNSDTZQER2
26-05	2111	Browbeat	30 chr EAM D4A4YS YH67PQSYIY2X5GGZ7ALVZ2QS
26-05	2130	Browbeat	30 chr EAM D43OQZ NEM2X6KOSRTTUTMTJLGXOKEB
26-05	2132	Browbeat	30 chr EAM D43KWX BE72SVCU5HCQBA2OVE2YOUIL
26-05	2134	Browbeat	30 chr EAM D4FMSF ORO4XDKP4P3AWXTWFCYCFDWL
26-05	2200	Browbeat	30 chr EAM D43OQZ NEM2X6KOSRTTUTMTJLGXOKEB
26-05	2202	Browbeat	30 chr EAM D43KWX BE72SVCU5HCQBA2OVE2YOUIL
26-05	2205	Browbeat	30 chr EAM D4FMSF ORO4XDKP4P3AWXTWFCYCFDWL
26-05	2230	Browbeat	30 chr EAM D43OQZ NEM2X6KOSRTTUTMTJLGXOKEB
26-05	2232	Browbeat	30 chr EAM D43OQZ NEM2X6KOSRTTUTMTJLGXOKEB
26-05	2300	Browbeat	30 chr EAM D43OQZ NEM2X6KOSRTTUTMTJLGXOKEB
26-05	2330	Browbeat	30 chr EAM D43OQZ NEM2X6KOSRTTUTMTJLGXOKEB
26-05	2352	Browbeat	30 chr EAM for Summer Sandal FY6MMH LNMNMEUTUMVOFCFG3TXJRUN3
27-05	0005	Bad Blood	30 chr EAM D43OQZ NEM2X6KOSRTTUTMTJLGXOKEB
26-05	0036	Bad Blood	30 chr EAM D4IRVJ W6MNYEZY4W2PUTSZNMA7RX4G
26-05	0052	Bad Blood	37 chr EAM FYFLDZ WQEEAQJZNBCKQGXGIO3JXMAGU5M7TR
26-05	0121	Bad Blood	36 chr EAM FYEXFH 7MUQBPZSWZCMNRH6NK6PJGPG4WS4D7
26-05	0159	Bad Blood	64 chr EAM FYWF3F ARSXHP536A3ZWGLGVUDWZ7IR5EZTRDRFU2GLCVUDWR7XRMXP7RDGCU4
26-05	0218	Bad Blood	30 chr EAM D43FGB 3ZA4IJNABNNF6HJVKEQYJ6RD
26-05	0230	Bad Blood	30 chr EAM D43FGB 3ZA4IJNABNNF6HJVKEQYJ6RD
26-05	0232	Bad Blood	30 chr EAM D4IRVJ W6MNYEZY4W2PUTSZNMA7RX4G
26-05	0259	Bad Blood	30 chr EAM D43FGB 3ZA4IJNABNNF6HJVKEQYJ6RD
26-05	1900	Bad Blood	30 chr EAM D4TGF4 DJG2PPKPNXCH77UZZVHJKTPO
26-05	1902	Bad Blood	30 chr EAM D47REZ XOAGQCIAIDMAVJTSI7TG2B36
26-05	1905	Bad Blood	30 chr EAM D4TX77 KEH3UOL4CT7UXS6EQMGYTTNG
26-05	1908	Bad Blood	30 chr EAM for Spring FYSWHG A5TVPUMSI3UGCNVH52TAEQ2E
26-05	1944	Bad Blood	30 chr EAM D4W4WM UIW6GG2OEXWQYWV3ILFHPVLW
26-05	2102	Bad Blood	37 chr EAM FYKDDO BHCL3M7GK674JLPEHOMGDY5WVC7FPT
26-05	2105	Bad Blood	30 chr EAM D4XIG2 3GSNXCYSYXPHDBZNXH3O5GRS
26-05	2229	Bad Blood	30 chr EAM D4XIG2 3GSNXCYSYXPHDBZNXH3O5GRS
26-05	2330	Bad Blood	30 chr EAM D4XIG2 3GSNXCYSYXPHDBZNXH3O5GRS
26-05	2233	Bad Blood	30 chr EAM FYO3WC IJWGNQAH57ZRREN7INC37PE
26-05	2357	Bad Blood	42 chr EAM FYVYD4 HP6JIQWE6KKSFTCWXXZCWGKFTFY64SJVIV6
27-05	0049	Ligament	30 chr EAM FYJVAD I2C7EQSHBFKIOIZZLXD4YD5U
27-05	0133	Ligament	59 chr EAM FYCI26 ZFWZZ56MTL4TAOPHXJ2MGVJ2MGVY6JWS25EBOUCZXJWSH5UKBGIUY
27-05	1033	Ligament	37 chr EAM FY25PL U6WRNFGMIA2ZZMSD73MXDE5TORKS5U
27-05	1306	Ligament	30 chr EAM for Masquerade FYJCDI ERSNV4TZRR2EASADZBGB4L4E
27-05	1537	Ligament	30 chr EAM for Masquerade FY3CSO 5RMWUNGFE5JGBRYWIDJ6RIAQ
27-05	1546	Ligament	30 chr EAM for Masquerade FYPZRG SBAAY565VD7SFGVYPKTPHKLS
27-05	1731	Ligament	142 chr EAM MPNWE7 CUQTJU4YW6W67GMQRMUTTQOFLLSJ4NPEP4YYYY2W4AMFISIRXGEI3UTKNNNNC66WMZ6D SMN7ZK277C6666AHCGJ3V6VRUITCGYQGKKKKZMXO36L33U6AYTFZATUUUUZRLDHX4XU
27-05	1802	Ligament	30 chr EAM D4Z7BR GSVZY6URBHAGBY5T5QNZ3FCX
27-05	1829	Ligament	30 chr EAM D4Z7BR GSVZY6URBHAGBY5T5QNZ3FCX
27-05	1859	Ligament	30 chr EAM D4Z7BR GSVZY6URBHAGBY5T5QNZ3FCX
27-05	1929	Ligament	30 chr EAM D4Z7BR GSVZY6URBHAGBY5T5QNZ3FCX
27-05	1932	Ligament	30 chr EAM D4B4YY 227GRNSRPZVD73TQ6W7OQD2Z
27-05	1959	Ligament	30 chr EAM D4Z7BR GSVZY6URBHAGBY5T5QNZ3FCX
27-05	2001	Ligament	30 chr EAM D4Z7BR GSVZY6URBHAGBY5T5QNZ3FCX
27-05	2029	Ligament	30 chr EAM D4B4YY 227GRNSRPZVD73TQ6W7OQD2Z
27-05	2059	Ligament	30 chr EAM D4B4YY 227GRNSRPZVD73TQ6W7OQD2Z

RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, Gwr, F5JBR

Strategic messages

5294 kHz, 07-05, 1214 UTC XXX XXX 4IAN 4IAN 79173 LETAL'NYJ 3900 1283 K
7564 kHz, 19-05, 1330 UTC XXX TEKHNIChESKAYA PROWERKA 540 k rbl90 de rbl88 zsa 3
8136 kHz, 22-05, 0802 UTC RBL88: XXX LR43 TEKHNIChESKAYA PROWERKA 592 K
8136 kHz, 22-05, 0804 UTC RBL88 msg to RFN69 RFN77 RBL90 RGR99: XXX LR43 TEKHNIChESKAYA PROWERKA 592 K (RFN69, RFN77, RGR99 and RBL90 acknowledge receipt)
4935 kHz, 22-05, 0830 UTC REA4: XXX XWGX 84151 IRISOChAD 0106 3940 K
7942 kHz, 22-05, 0830 UTC REA4: XXX XWGX 84151 IRISOChAD 0106 3940 K
4935 kHz, 22-05, 0832 UTC REA4: XXX XWGX 29559 GUAMOTAU 2165 4974 K
7942 kHz, 22-05, 0832 UTC REA4: XXX XWGX 29559 GUAMOTAU 2165 4974 K

Monolith stations

Southern District

6922 kHz, 07-05, 0859 UTC. Pip (S30) hub

Raketa-70 ya Elektra-34 primite dve radiogramma:

515 23 7 1150 515 / 294 /
29120 17000 37713 36322 48598 74844 79411 43668 30401 99670
35633 57818 57156 73726 76495 38283 21577 76192 15790 14107
19780 07021 /
384 24 7 1155 384 / 294 /
29120 29854 39056 78317 59664 83777 45698 24659 76215 34025
34408 40510 89538 57234 54512 03807 81046 47381 20052 62551
97629 28057 07022
priyom

<https://priyom.org/media/257295/s30-6922usb-20210507-0859z-2radiograms-bygwrasp.eogg>

5313 kHz, 07-05, 1235 UTC Sibir-31 netchecking. Sibir-31 and Zebra-37 (Zebra transmit mostly on 6610.5 kHz) are the same hub and operators
5473 kHz, 14-05, 0908 UTC, S32 Dlya Landysh-74 65716 KOFROShRAM 6737 3548
5448 kHz, 14-05, 0922 UTC, S30 JVB1 ShchITONARY 160
5473 kHz, 14-05, 0924 UTC, S32 Al'fa-45 ShchITONARY 160

Russian military voice transmissions

RMv – Russian Military

No transmissions on Saturdays and Sundays. No transmissions during the national holidays between 3 and 7 May.

5045 kHz, 11-05, 1415 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 3454. 16 chasov 15 minut konec svyazi
5045 kHz, 12-05, 1412 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 7257. 16 chasov 15 minut konec svyazi
5045 kHz, 13-05, 1412 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6586. 16 chasov 15 minut konec svyazi
5045 kHz, 14-05, 1412 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 2645. 16 chasov 15 minut konec svyazi
5045 kHz, 17-05, 1415 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6593. 16 chasov 15 minut konec svyazi
5045 kHz, 18-05, 1413 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 3839. 16 chasov 14 minut konec svyazi
5045 kHz, 19-05, 1411 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 4729 . 16 chasov 15 minut konec svyazi
5045 kHz, 20-05, 1412 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 3159. 16 chasov 15 minut konec svyazi
5045 kHz, 21-05, 1410 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 4832. 16 chasov 14 minut konec svyazi
5045 kHz, 24-05, 1412 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 5543. 16 chasov 15 minut konec svyazi
5045 kHz, 25-05, 1412 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 9673. Stop/restart with a different code: Signal 8693. 16 chasov 15 minut konec svyazi

5045 kHz, 26-05, 1412 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 9673. 16 chasov 15 minut konec svyazi
5045 kHz, 27-05, 1412 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 8752. 16 chasov 14 minut konec svyazi
5045 kHz, 28-05, 1412 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 9847. 16 chasov 15 minut konec svyazi
5045 kHz, 31-05, 1413 UTC Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 1543. 16 chasov 15 minut konec svyazi

Russian Navy voice traffic

Black Sea Fleet

6230 kHz, 07-05, 0850 UTC

Gvozdika (Sevastopol' HQ) checking connection with Aplashera - uncertain of Aplashera location

<https://priyom.org/media/257291/gvozdika-6230usb-20210507-0850z-aplashera-bygwraspe.ogg>

5368.5 kHz, 14-05, 0910 UTC

Topol' (Novorossiysk naval base) and Svetlyj - only Svetlyj audible for me

"Ya povtoryayu, povtoryayu 679 i vash, vash prinyal, ya Svetlyj priyom."

"Topol' ya Svetlyj dezhurnogo priyomi, ya Svetlyj priyom."

5368.5 kHz, 14-05, 1240 UTC

"Topol' ya Svetlyj, ozhidaetsya."

"Topol' ya Svetlyj, da vash 7669 prinyali, ya Svetlyj priyom."

Russian military morse transmissions

M32 - Russian / CIS Military CW Stations

14411 kHz, 02-05, 1425 UTC RDL RDL RDL 04732 17785 04732 17785 04732 17785 K

Russian Navy morse stations

8345 kHz, 23-05, 0602 UTC. RMKW wkg RCV. QSX on 7566 kHz

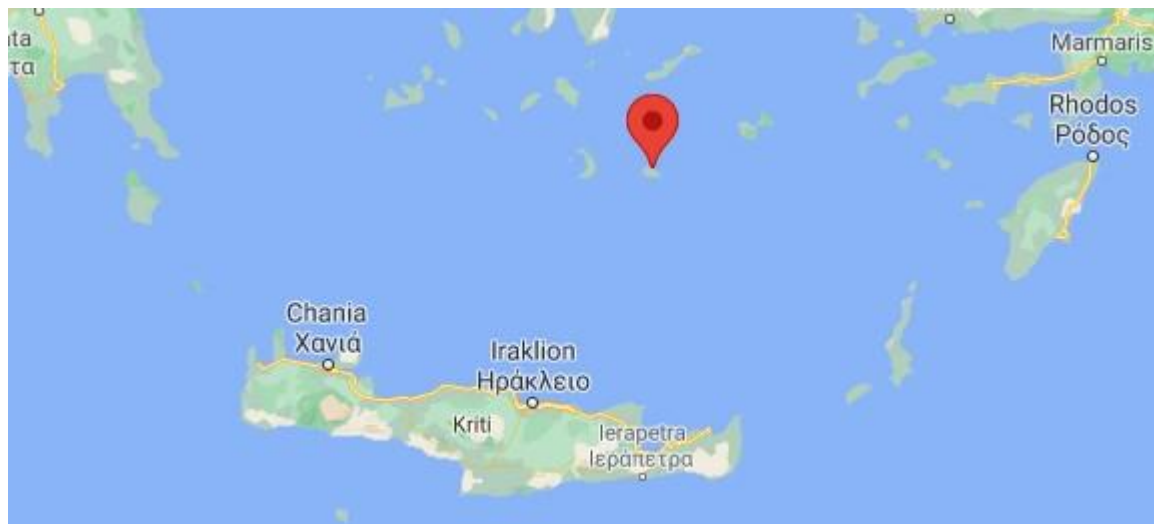
QTC SML FOR RJH45 RJE73 =

23061 99364 10258 44698 22908 10208 40140 54000 70500 82100

22232 00206 20302 2306/ 88000 80000 23016 =

AR RMKW K

Location: <https://goo.gl/maps/Ch7oRcg9t23iUTh6>



12464 kHz, 23-05, 0605 UTC. RBIZ wkg RCV. QSX on 7566 UTC

QTC SML FOR RJE73 RJH45 =

23061 99207 10384 41996 13103 10330 40000 56000 70202 80000

22242 02040 23012 =

AR RBIZ

Location: <https://goo.gl/maps/XUShpU63YZ7YFz759>



Russian Air Force morse stations

7942 kHz, 22-05, 0740 UTC REA4 = 22060 99900 2110 73842 8797 6170 4201 4 20135 800 34 = REA4 K
 4935 kHz, 22-05, 0840 UTC REA4 = 2206 9900 2110 73842 8798 61704 102 4 20135 8034 = REA4 K
 4835 kHz, 23-05, 0340 UTC REA4 = 23020 9900 2160 23746 71960 70000 1019 87030 = REA4 K

LOGS SECTION

Code	Freq	Date	UTC	Day	Details	Mode	Contributor
---	4735	4-5	0700	Tue	VVVVV PROMRÍ = 0405 = 1000 0560 0600 0720 1090 ... 8000 0500 0540 0660 0980 = AR	CW	(AB-GRC)
---	6922	7-5	0859	Fri	Pip (S30) hub. Raketa-70 ya Elektra-34 primite dve radiogramma: 515 23 7 1150 515 / 294 / 29120 17000 37713 ... 97629 28057 07022 priyom	USB	(Gwr)
---	5313	7-5	1235	Fri	Sibir-31 netchecking. Sibir-31 and Zebra-37	USB	(Gwr)
---	4735	16-5	0700	Sun	VVVVV PROMRÖ = 16 05 = 1000 0560 0590 0720 1120 ... 0800 0510 0540 0660 0980 = AR	CW	(AB-GRC)
---	4735	23-5	0700	Sun	VVVVV PROMRÖ = 23 05 = 1000 0550 0590 0710 1130 ... 0800 0510 0550 0660 0990 = AR	CW	(AB-HNG)
---	4735	24-5	0700	Mon	VVVVV PROMRÖ = 2405 = 1000 0550 0590 0710 1130 ... 0800 0510 0550 0660 0990 = AR	CW	(AB-HNG)
---	4735	30-5	0700	Sun	VVV VVV PROMRÖ = 30 05 = 1000 0560 0590 0720 1140 ... 0800 0520 0550 0660 1000 = AR	CW	(AB-HNG)
DPRK	11045	1-5	0819	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	1-5	0819	Sat	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	5-5	0844	Wed	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	6-5	1313	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	12205	6-5	1313	Thu	North Korean diplo	DPRK-ARQ 600 LSB	(AB)
DPRK	13335	10-5	0833	Mon	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	19-5	1308	Wed	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	20-5	1206	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	16252	25-5	0658	Tue	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	15850	27-5	1352	Thu	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	12203	28-5	0822	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
DPRK	13014	28-5	1200	Fri	North Korean diplo i.p.	DPRK-ARQ 600 LSB	(AB)
E06	14565	6-5	0500	Thu	460 128 53 10666 83240 40656 ... 09680 78507 39620 128 53 00000	USB	(AB)
E06	16125	6-5	0600	Thu	460 128 53 10666 83240 40656 ... 09680 78507 39620 128 53 00000	USB	(AB)
E06	14565	7-5	0500	Fri	460 128 53 10666 83240 40656 ... 09680 78507 39620 128 53 00000	USB	(AB)
E06	16125	7-5	0600	Fri	460 128 53 10666 83240 40656 ... 09680 78507 39620 128 53 00000	USB	(AB)
E06	14778	13-5	0300	Thu	361 278 36 50437 33392 65200 ... 55115 26092 13646 278 36 00000	USB	(PY)
E06	12157	13-5	0400	Thu	361 278 36 50437 33392 65200 ... 55115 26092 13646 278 36 00000	USB	(PY)
E06	14767	14-5	0300	Fri	361 278 36 50437 33392 65200 ... 55115 26092 13646 278 36 00000	USB	(PY/HFD-RUS)
E06	12157	14-5	0400	Fri	361 278 36 50437 33392 65200 ... 55115 26092 13646 278 36 00000	USB	(PY/HFD-RUS)
E06	11404	17-5	0210	Mon	537-680/45=65656 via KiwiSDR RUS	USB	(HFD-RUS)
E06	11404	17-5	0210	Mon	537 680 45 65656 03164 39672 ... 15717 94978 08416 680 45 00000	USB	(PY)
E06	13551	17-5	0310	Mon	537 680 45 65656 03164 39672 ... 15717 94978 08416 680 45 00000	USB	(PY)
E06	11404	18-5	0210	Tue	537 680 45 65656 03164 39672 ... 15717 94978 08416 680 45 00000	USB	(PY/HFD-RUS)
E06	13562	18-5	0310	Tue	537 680 45 65656 03164 39672 ... 15717 94978 08416 680 45 00000	USB	(PY)
E06	14778	20-5	0300	Thu	361 549 37 29056 70294 95478 ... 14065 44204 04045 549 37 00000	USB	(PY)
E06	12157	20-5	0400	Thu	361 549 37 29056 70294 95478 ... 14065 44204 04045 549 37 00000	USB	(PY)
E06	14565	20-5	0500	Thu	460 389 51 22360 28379 32013 ... 43030 79165 59543 389 51 00000	USB	(AB)
E06	16125	20-5	0600	Thu	460 389 51 22360 28379 32013 ... 43030 79165 59543 389 51 00000	USB	(AB)
E06	14767	21-5	0300	Fri	361 549 37 29056 70294 95478 ... 14065 44204 04045 549 37 00000	USB	(PY)
E06	12157	21-5	0400	Fri	361 549 37 29056 70294 95478 ... 14065 44204 04045 549 37 00000	USB	(PY)
E06	14565	21-5	0500	Fri	460 389 51 22360 28379 32013 ... 43030 79165 59543 389 51 00000	USB	(AB/HFD)

E06	16125	21-5	0600	Fri	460 389 51 22360 28379 32013 ... 43030 79165 59543 389 51 00000	USB	(AB/HFD)
E06	11394	24-5	0210	Mon	537 198 46 07296 79784 39028 ... 31647 42755 78699 198 46 00000	USB	(PY)
E06	13572	24-5	0310	Mon	537 198 46 07296 79784 39028 ... 31647 42755 78699 198 46 00000	USB	(PY)
E06	11404	25-5	0210	Tue	537 198 46 07296 79784 39028 ... 31647 42755 78699 198 46 00000	USB	(PY)
E06	13572	25-5	0310	Tue	537 198 46 07296 79784 39028 ... 31647 42755 78699 198 46 00000	USB	(PY)
E06	14767	27-5	0300	Thu	361 720 38 47875 56739 93751 ... 36351 88703 22565 720 38 00000	USB	(PY)
E06	12157	27-5	0400	Thu	361 720 38 47875 56739 93751 ... 36351 88703 22565 720 38 00000	USB	(PY)
E06	14767	28-5	0300	Fri	361 720 38 47875 56739 93751 ... 36351 88703 22565 720 38 00000	USB	(PY)
E06	12157	28-5	0400	Fri	361 720 38 47875 56739 93751 ... 36351 88703 22565 720 38 00000	USB	(PY)
E06	11404	31-5	0210	Mon	537 602 47 39765 09137 58271 ... 87179 70844 13547 602 47 00000	USB	(PY)
E06	13571	31-5	0210	Mon	537 602 47 39765 09137 58271 ... 87179 70844 13547 602 47 00000	USB	(PY)
E07	12176	1-5	1300	Sat	152 152 152 000	USB	(AB/MPJ/HFD)
E07	11576	1-5	1320	Sat	152 152 152 000	USB	(AB/MPJ/HFD)
E07	15836	1-5	1410	Sat	157 157 157 1 8629 117 8629 117 80108 33075 53392 ... 82318 25001 21207 000 000	USB	(AB-KWT/MPJ)
E07	14536	1-5	1430	Sat	157 157 157 1 8629 117 8629 117 80108 33075 53392 ... 82318 25001 21207 000 000	USB	(AB-KWT/MPJ)
E07	13536	1-5	1450	Sat	157 157 157 1 8629 117 8629 117 80108 33075 53392 ... 82318 25001 21207 000 000	USB	(AB-KWT/MPJ)
E07	10317	2-5	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	2-5	0620	Sun	312 312 312 000	USB	(AB)
E07	13934	2-5	1700	Sun	919 919 919 000	USB	(AB/HFD)
E07	12134	2-5	1720	Sun	919 919 919 000	USB	(AB/HFD)
E07	16246	4-5	0700	Tue	242 242 242 1 4050 74 4050 74 06511 30208 76642 ... 88205 12253 70292 000 000	USB	(AB-KWT/HFD-KWT)
E07	18446	4-5	0720	Tue	242 242 242 1 4050 74 4050 74 06511 30208 76642 ... 88205 12253 70292 000 000	USB	(AB-KWT/HFD-KWT)
E07	19246	4-5	0740	Tue	242 242 242 1 4050 74 4050 74 06511 30208 76642 ... 88205 12253 70292 000 000	USB	(AB-KWT/HFD-KWT)
E07	13934	5-5	1700	Wed	919 919 919 1 6623 131 6623 131 82656 47970 02377 ... 38937 98265 94907 000 000	USB	(AB)
E07	12134	5-5	1720	Wed	919 919 919 1 6623 131 6623 131 82656 47970 02377 ... 38937 98265 94907 000 000	USB	(AB)
E07	10934	5-5	1740	Wed	919 919 919 1 6623 131 6623 131 82656 47970 02377 ... 38937 98265 94907 000 000	USB	(AB)
E07	15836	6-5	1410	Thu	157:0	USB	(HFD)
E07	14536	6-5	1430	Thu	157 157 157 000	USB	(AB-KWT/MPJ/HFD)
E07	16246	7-5	0700	Fri	242 242 242 1 4050 74 4050 74 06511 30208 76642 ... 88205 12253 70292 000 000	USB	(AB-KWT)
E07	18446	7-5	0720	Fri	242 242 242 1 4050 74 4050 74 06511 30208 76642 ... 88205 12253 70292 000 000	USB	(AB-KWT)
E07	19246	7-5	0740	Fri	242 242 242 1 4050 74 4050 74 06511 30208 76642 ... 88205 12253 70292 000 000	USB	(AB-KWT)
E07	12176	8-5	1300	Sat	152 152 152 000	USB	(AB)
E07	11576	8-5	1320	Sat	152 152 152 000	USB	(AB)
E07	15836	8-5	1410	Sat	157 157 157 000	USB	(AB)
E07	14536	8-5	1430	Sat	157 157 157 000	USB	(AB)
E07	10317	9-5	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	9-5	0620	Sun	312 312 312 000	USB	(AB)
E07	13934	9-5	1700	Sun	919 919 919 1 6623 131 6623 131 82656 47970 02377 ... 38937 98265 94907 000 000	USB	(AB)
E07	12134	9-5	1720	Sun	919 919 919 1 6623 131 6623 131 82656 47970 02377 ... 38937 98265 94907 000 000	USB	(AB)
E07	10934	9-5	1740	Sun	919 919 919 1 6623 131 6623 131 82656 47970 02377 ... 38937 98265 94907 000 000	USB	(AB)
E07	16246	11-5	0700	Tue	242 242 242 000	USB	(AB)
E07	18446	11-5	0720	Tue	242 242 242 000	USB	(AB-KWT)
E07	13934	12-5	1700	Wed	919 919 919 000	USB	(AB/GHn)
E07	12134	12-5	1720	Wed	919 919 919 000	USB	(AB)

E07	15836	13-5	1410	Thu	157 157 157 1 499 188 499 188 30179 30621 85036 ... 88899 19148 08025 000 000	USB	(AB/MPJ)
E07	14536	13-5	1430	Thu	157 157 157 1 499 188 499 188 30179 30621 85036 ... 88899 19148 08025 000 000	USB	(AB/MPJ)
E07	13536	13-5	1450	Thu	157 157 157 1 499 188 499 188 30179 30621 85036 ... 88899 19148 08025 000 000	USB	(AB/MPJ)
E07	16246	14-5	0700	Fri	242 242 242 000	USB	(AB-KWT)
E07	18446	14-5	0720	Fri	242 242 242 000	USB	(AB-KWT)
E07	12176	15-5	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	15-5	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	15836	15-5	1410	Sat	157 157 157 1 499 188 499 188 30179 30621 85036 ... 88899 19148 08025 000 000	USB	(AB/MPJ)
E07	14536	15-5	1430	Sat	157 157 157 1 499 188 499 188 30179 30621 85036 ... 88899 19148 08025 000 000	USB	(AB/MPJ)
E07	13536	15-5	1450	Sat	157 157 157 1 499 188 499 188 30179 30621 85036 ... 88899 19148 08025 000 000	USB	(AB/MPJ)
E07	10317	16-5	0600	Sun	312 312 312 000	USB	(AB/HFD)
E07	11117	16-5	0620	Sun	312 312 312 000	USB	(AB/HFD)
E07	13934	16-5	1700	Sun	919 919 919 000	USB	(AB)
E07	12134	16-5	1720	Sun	919 919 919 000	USB	(AB)
E07	16246	18-5	0700	Tue	242 242 242 1 461 65 461 65 76667 55235 86225 ... 56084 07239 96988 000 000	USB	(AB)
E07	18446	18-5	0720	Tue	242 242 242 1 461 65 461 65 76667 55235 86225 ... 56084 07239 96988 000 000	USB	(AB-KWT)
E07	19246	18-5	0720	Tue	242 242 242 1 461 65 461 65 76667 55235 86225 ... 56084 07239 96988 000 000	USB	(AB-KWT)
E07	13934	19-5	1700	Wed	919 919 919 1 300 71 300 71 15695 01836 52505 ... 89227 26358 06093 000 000	USB	(AB)
E07	12134	19-5	1720	Wed	919 919 919 1 300 71 300 71 15695 01836 52505 ... 89227 26358 06093 000 000	USB	(AB)
E07	10934	19-5	1740	Wed	919 919 919 1 300 71 300 71 15695 01836 52505 ... 89227 26358 06093 000 000	USB	(AB)
E07	15836	20-5	1410	Thu	157 157 157 000	USB	(AB/MPJ)
E07	14536	20-5	1430	Thu	157 157 157 000	USB	(AB/MPJ)
E07	16246	21-5	0700	Fri	242 242 242 1 461 65 461 65 76667 55235 86225 ... 56084 07239 96988 000 000	USB	(AB)
E07	18446	21-5	0720	Fri	242 242 242 1 461 65 461 65 76667 55235 86225 ... 56084 07239 96988 000 000	USB	(AB-KWT)
E07	19246	21-5	0720	Fri	242 242 242 1 461 65 461 65 76667 55235 86225 ... 56084 07239 96988 000 000	USB	(AB-KWT)
E07	12176	22-5	1300	Sat	152 152 152 000	USB	(AB/MPJ)
E07	11576	22-5	1320	Sat	152 152 152 000	USB	(AB/MPJ)
E07	15836	22-5	1410	Sat	157 157 157 000	USB	(AB/MPJ)
E07	14536	22-5	1430	Sat	157 157 157 000	USB	(AB/MPJ)
E07	10317	23-5	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	23-5	0620	Sun	312 312 312 000	USB	(AB)
E07	13934	23-5	1700	Sun	919 919 919 1 300 71 300 71 15695 01836 52505 ... 89227 26358 06093 000 000	USB	(AB)
E07	12134	23-5	1720	Sun	919 919 919 1 300 71 300 71 15695 01836 52505 ... 89227 26358 06093 000 000	USB	(AB)
E07	10934	23-5	1740	Sun	919 919 919 1 300 71 300 71 15695 01836 52505 ... 89227 26358 06093 000 000	USB	(AB)
E07	16246	25-5	0700	Tue	242 242 242 000	USB	(AB)
E07	18446	25-5	0720	Tue	242 242 242 000	USB	(AB)
E07	13934	26-5	1700	Wed	919 919 919 000	USB	(AB)
E07	12134	26-5	1720	Wed	919 919 919 000	USB	(AB)
E07	15836	27-5	1410	Thu	157 157 157 1 7437 107 7437 107 26526 33871 00988 ... 64748 92326 38187 000 000	USB	(AB/MPJ)
E07	14536	27-5	1430	Thu	157 157 157 1 7437 107 7437 107 26526 33871 00988 ... 64748 92326 38187 000 000	USB	(AB/MPJ)
E07	13536	27-5	1450	Thu	157 157 157 1 7437 107 7437 107 26526 33871 00988 ... 64748 92326 38187 000 000	USB	(AB/MPJ)
E07	16246	28-5	0700	Fri	242 242 242 000	USB	(AB)
E07	18446	28-5	0720	Fri	242 242 242 000	USB	(AB)
E07	12176	29-5	1300	Sat	152 152 152 000	USB	(AB/GHn)

E07	11576	29-5	1320	Sat	152 152 152 000	USB	(AB)
E07	15836	29-5	1410	Sat	157 157 157 1 7437 107 7437 107 26526 33871 00988 ... 64748 92326 38187 000 000	USB	(AB)
E07	14536	29-5	1430	Sat	157 157 157 1 7437 107 7437 107 26526 33871 00988 ... 64748 92326 38187 000 000	USB	(AB)
E07	13536	29-5	1450	Sat	157 157 157 1 7437 107 7437 107 26526 33871 00988 ... 64748 92326 38187 000 000	USB	(AB)
E07	10317	30-5	0600	Sun	312 312 312 000	USB	(AB)
E07	11117	30-5	0620	Sun	312 312 312 000	USB	(AB)
E07	13934	30-5	1700	Sun	919 919 919 000	USB	(AB)
E07	12134	30-5	1720	Sun	919 919 919 000	USB	(AB)
E07a	12177	1-5	0800	Sat	148 148 148 000	USB	(AB/HFD)
E07a	13477	1-5	0820	Sat	148 148 148 000	USB	(AB/HFD)
E07a	12166	5-5	2000	Wed	172 172 172 000	USB	(AB/RL/HFD)
E07a	10766	5-5	2020	Wed	172 172 172 000	USB	(AB/RL/HFD)
E07a	7933	6-5	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	6-5	0450	Thu	912 912 912 000	USB	(AB)
E07a	12182	7-5	1510	Fri	101 101 101 000	USB	(AB/GHn/MPJ/HFD)
E07a	11082	7-5	1530	Fri	101 101 101 000	USB	(AB/MPJ/HFD)
E07a	12177	8-5	0800	Sat	148 148 148 000	USB	(AB)
E07a	13477	8-5	0820	Sat	148 148 148 000	USB	(AB)
E07a	12166	12-5	2000	Wed	172 172 172 000	USB	(AB/RL)
E07a	10766	12-5	2020	Wed	172 172 172 000	USB	(AB/RL)
E07a	7933	13-5	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	13-5	0450	Thu	912 912 912 000	USB	(AB)
E07a	12182	14-5	1510	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	11082	14-5	1530	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	12177	15-5	0800	Sat	148 148 148 000	USB	(AB)
E07a	13477	15-5	0820	Sat	148 148 148 000	USB	(AB)
E07a	12166	19-5	2000	Wed	172 172 172 000	USB	(AB)
E07a	10766	19-5	2020	Wed	172 172 172 000	USB	(AB/RL)
E07a	7933	20-5	0430	Thu	912 912 912 000	USB	(AB)
E07a	9133	20-5	0450	Thu	912 912 912 000	USB	(AB)
E07a	12182	21-5	1510	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	11082	21-5	1530	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	12177	22-5	0800	Sat	148 148 148 000	USB	(AB)
E07a	13477	22-5	0820	Sat	148 148 148 000	USB	(AB)
E07a	12166	26-5	2000	Wed	172 172 172 000	USB	(AB/RL)
E07a	10766	26-5	2020	Wed	172 172 172 000	USB	(AB/RL)
E07a	7933	27-5	0430	Thu	912 912 912 000	USB	(AB/HFD)
E07a	9133	27-5	0450	Thu	912 912 912 000	USB	(AB/HFD)
E07a	12182	28-5	1510	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	11082	28-5	1530	Fri	101 101 101 000	USB	(AB/MPJ)
E07a	12177	29-5	0800	Sat	148 148 148 000	USB	(AB)
E07a	13477	29-5	0820	Sat	148 148 148 000	USB	(AB)
E11	6480	1-5	0710	Sat	490/00	USB	(AB/ES/HFD)
E11	12984	1-5	1345	Sat	917/00	USB	(AB/MPJ/HFD)

E11	5082	1-5	1530	Sat	368/00	USB	(AB/MPJ/HFD)
E11	4783	1-5	1910	Sat	395/00	USB	(AB/HFD)
E11	6849	2-5	0435	Sun	352/00	USB	(AB)
E11	6480	2-5	0710	Sun	495/00	USB	(AB)
E11	5082	2-5	1530	Sun	366/00	USB	(AB/MPJ/HFD)
E11	5731	2-5	1605	Sun	233/00	USB	(AB/MPJ)
E11	7863	2-5	1625	Sun	975/00	USB	(AB/MPJ/HFD)
E11	12229	2-5	1650	Sun	929/00	USB	(AB/MPJ/HFD)
E11	14410	2-5	1745	Sun	242/00	USB	(AB/MPJ/HFD)
E11	9610	2-5	1910	Sun	618/00	USB	(AB/HFD)
E11	7469	3-5	0450	Mon	418/00	USB	(AB/ES/HFD)
E11	15800	3-5	0640	Mon	946/00	USB	(AB-POL/HFD)
E11	12815	3-5	0845	Mon	713/00	USB	(HFD)
E11	7449	3-5	0900	Mon	533/00	USB	(AB/HFD)
E11	8545	3-5	1045	Mon	690/00	USB	(AB/HFD)
E11	5737	3-5	1300	Mon	315/00	USB	(AB)
E11	5409	3-5	1530	Mon	520/00	USB	(AB/MPJ/HFD)
E11	7600	3-5	1900	Mon	644/00	USB	(AB/HFD)
E11	8680	4-5	0700	Tue	573/00	USB	(AB/HFD)
E11	10429	4-5	0715	Tue	631/00	USB	(AB/HFD)
E11	17378	4-5	0820	Tue	132/00	USB	(AB-POL/HFD-POL)
E11	12153	4-5	0845	Tue	159/00	USB	(AB/HFD)
E11	6304	4-5	1205	Tue	466/00	USB	(AB/HFD)
E11	5371	4-5	1605	Tue	235/00	USB	(AB/MPJ)
E11	15800	5-5	0640	Wed	940/00	USB	(AB-POL/ES/HFD)
E11	17378	5-5	0820	Wed	133/00	USB	(AB-POL/HFD-POL)
E11	12815	5-5	0845	Wed	715/00	USB	(AB)
E11	7449	5-5	0900	Wed	535/00	USB	(AB)
E11	6923	5-5	0930	Wed	273/00	USB	(AB/HFD)
E11	8545	5-5	1045	Wed	697/00	USB	(AB)
E11	6304	5-5	1205	Wed	463/00	USB	(AB/MPJ)
E11	7863	5-5	1625	Wed	974/00	USB	(AB/MPJ)
E11	4783	5-5	1910	Wed	393/00	USB	(AB/MPJ)
E11	4909	6-5	0820	Thu	435/00	USB	(AB/HFD)
E11	12153	6-5	0845	Thu	157/00	USB	(AB)
E11	6923	6-5	0930	Thu	278/00	USB	(AB/HFD)
E11	5737	6-5	1300	Thu	312/00	USB	(AB/HFD)
E11	8088	6-5	1730	Thu	415/00	USB	(AB)
E11	7600	6-5	1900	Thu	641/00	USB	(AB/GHn)
E11	8680	7-5	0700	Fri	574/00	USB	(AB)
E11	10429	7-5	0715	Fri	634/00	USB	(AB)
E11	4909	7-5	0820	Fri	436/00	USB	(AB)
E11	12153	7-5	1000	Fri	309/00	USB	(AB/HFD)
E11	5409	7-5	1530	Fri	520/00	USB	(AB/MPJ)

E11	12229	7-5	1650	Fri	925/00	USB	(AB/MPJ)
E11	9610	7-5	1910	Fri	616/00	USB	(AB)
E11	5082	8-5	1530	Sat	366/00	USB	(AB)
E11	4783	8-5	1910	Sat	394/00	USB	(AB)
E11	5082	9-5	1530	Sun	360/00	USB	(AB/MPJ)
E11	5731	9-5	1605	Sun	231/00	USB	(AB/MPJ)
E11	7863	9-5	1625	Sun	976/00	USB	(AB)
E11	12229	9-5	1650	Sun	926/00	USB	(AB)
E11	9610	9-5	1910	Sun	618/00	USB	(AB)
E11	7469	10-5	0450	Mon	412/00	USB	(AB/HFD)
E11	9610	10-5	0745	Mon	269/00	USB	(AB)
E11	5737	10-5	1300	Mon	315/00	USB	(AB/MPJ)
E11	5409	10-5	1530	Mon	520/00	USB	(AB/MPJ)
E11	14410	10-5	1745	Mon	244/00	USB	(AB/MPJ)
E11	7600	10-5	1900	Mon	646/00	USB	(AB)
E11	8091	11-5	0645	Tue	518/00	USB	(AB)
E11	8680	11-5	0700	Tue	571/00	USB	(AB)
E11	14940	11-5	0745	Tue	224/00	USB	(AB-POL)
E11	12153	11-5	0845	Tue	159/00	USB	(AB)
E11	12153	11-5	1000	Tue	308/00	USB	(AB)
E11	12984	11-5	1345	Tue	918/00	USB	(AB/MPJ)
E11	8565	12-5	0315	Wed	258/00	USB	(HFD)
E11	15720	12-5	0745	Wed	340/00	USB	(AB)
E11	12815	12-5	0845	Wed	716/00	USB	(AB)
E11	6923	12-5	0930	Wed	277/00	USB	(AB)
E11	4783	12-5	1910	Wed	396/00	USB	(AB)
E11	8091	13-5	0645	Thu	514/00	USB	(AB)
E11	14940	13-5	0745	Thu	220/00	USB	(AB)
E11	4909	13-5	0820	Thu	430/00	USB	(AB)
E11	12153	13-5	0845	Thu	152/00	USB	(AB)
E11	6923	13-5	0930	Thu	271/00	USB	(AB)
E11	5737	13-5	1300	Thu	312/00	USB	(AB)
E11	10356	13-5	1530	Thu	269/00	USB	(AB/MPJ)
E11	8088	13-5	1730	Thu	413/00	USB	(AB)
E11	7600	13-5	1900	Thu	644/00	USB	(AB)
E11	9150	14-5	0600	Fri	353/00	USB	(Subilo/ES)
E11	8680	14-5	0700	Fri	570/00	USB	(AB)
E11	15720	14-5	0745	Fri	342/00	USB	(AB)
E11	4909	14-5	0820	Fri	432/00	USB	(AB)
E11	12153	14-5	1000	Fri	309/00	USB	(AB)
E11	5409	14-5	1530	Fri	524/00	USB	(AB/MPJ)
E11	12229	14-5	1650	Fri	924/00	USB	(MPJ/GHn)
E11	9610	14-5	1910	Fri	612/00	USB	(AB)
E11	12984	15-5	1345	Sat	919/00	USB	(AB/MPJ)

E11	5082	15-5	1530	Sat	365/00	USB	(AB/MPJ)
E11	4783	15-5	1910	Sat	393/00	USB	(AB)
E11	9150	16-5	0600	Sun	355/00	USB	(AB/ES)
E11	5082	16-5	1530	Sun	363/00	USB	(AB)
E11	12229	16-5	1650	Sun	925/00	USB	(AB)
E11	14410	16-5	1745	Sun	247/00	USB	(GHn)
E11	9610	16-5	1910	Sun	618/00	USB	(AB/GHn)
E11	7469	17-5	0450	Mon	410/00	USB	(AB)
E11	15800	17-5	0640	Mon	945/00	USB	(AB-POL)
E11	9610	17-5	0745	Mon	264/00	USB	(AB)
E11	12815	17-5	0845	Mon	718/00	USB	(AB)
E11	7449	17-5	0900	Mon	533/00	USB	(AB)
E11	8545	17-5	1045	Mon	698/00	USB	(AB/MPJ)
E11	14410	17-5	1745	Mon	245/00	USB	(AB)
E11	7600	17-5	1900	Mon	644/00	USB	(AB/GHn)
E11	8091	18-5	0645	Tue	518/00	USB	(AB)
E11	8680	18-5	0700	Tue	571/00	USB	(AB)
E11	10429	18-5	0715	Tue	637/00	USB	(AB)
E11	14940	18-5	0745	Tue	225/00	USB	(AB)
E11	17378	18-5	0820	Tue	138/00	USB	(AB)
E11	6304	18-5	1205	Tue	463/00	USB	(AB/MPJ)
E11	12984	18-5	1345	Tue	911/00	USB	(AB/MPJ)
E11	5371	18-5	1605	Tue	232/00	USB	(AB/MPJ)
E11	15800	19-5	0640	Wed	945/00	USB	(AB)
E11	15720	19-5	0745	Wed	348/00	USB	(AB-POL)
E11	17378	19-5	0820	Wed	135/00	USB	(AB-POL)
E11	12815	19-5	0845	Wed	718/00	USB	(AB)
E11	7449	19-5	0900	Wed	536/00	USB	(AB)
E11	6923	19-5	0930	Wed	277/00	USB	(AB)
E11	8545	19-5	1045	Wed	694/00	USB	(AB)
E11	6304	19-5	1205	Wed	461/00	USB	(AB/Subilo)
E11	7863	19-5	1625	Wed	978/00	USB	(AB/MPJ/Subilo)
E11	4783	19-5	1910	Wed	394/00	USB	(AB)
E11	8091	20-5	0645	Thu	510/00	USB	(AB)
E11	14940	20-5	0745	Thu	229/00	USB	(AB)
E11	6923	20-5	0930	Thu	275/00	USB	(AB)
E11	10356	20-5	1530	Thu	260/00	USB	(AB/MPJ)
E11	8088	20-5	1730	Thu	414/00	USB	(AB)
E11	7600	20-5	1900	Thu	644/00	USB	(AB)
E11	9150	21-5	0600	Fri	351/00	USB	(HFD)
E11	8680	21-5	0700	Fri	571/00	USB	(AB)
E11	10429	21-5	0715	Fri	631/00	USB	(AB)
E11	12229	21-5	1650	Fri	925/00	USB	(AB)
E11	12984	22-5	1345	Sat	915/00	USB	(AB/MPJ)

E11	5082	22-5	1530	Sat	364/00	USB	(AB/MPJ)
E11	4783	22-5	1910	Sat	395/00	USB	(AB)
E11	9150	23-5	0600	Sun	352/00	USB	(AB/F5JBR)
E11	5082	23-5	1530	Sun	367/00	USB	(AB/MPJ)
E11	5731	23-5	1605	Sun	230/00	USB	(AB)
E11	7863	23-5	1625	Sun	976/00	USB	(AB/MPJ)
E11	12229	23-5	1650	Sun	920/00	USB	(MPJ)
E11	14410	23-5	1745	Sun	249/00	USB	(AB/MPJ)
E11	15800	24-5	0640	Mon	948/00	USB	(AB)
E11	9610	24-5	0745	Mon	266/00	USB	(AB)
E11	7449	24-5	0900	Mon	538/00	USB	(AB)
E11	8545	24-5	1045	Mon	693/00	USB	(AB/MPJ-POL)
E11	5737	24-5	1300	Mon	319/00	USB	(AB)
E11	5409	24-5	1530	Mon	522/00	USB	(AB/MPJ)
E11	14410	24-5	1745	Mon	242/00	USB	(AB/MPJ)
E11	8091	25-5	0645	Tue	512/00	USB	(AB)
E11	10429	25-5	0715	Tue	637/00	USB	(AB)
E11	14940	25-5	0745	Tue	225/00	USB	(AB)
E11	17378	25-5	0820	Tue	132/00	USB	(AB)
E11	12153	25-5	0845	Tue	157/00	USB	(AB)
E11	12153	25-5	1000	Tue	306/00	USB	(AB)
E11	6304	25-5	1205	Tue	460/00	USB	(AB)
E11	12984	25-5	1345	Tue	912/00	USB	(AB)
E11	5371	25-5	1605	Tue	231/00	USB	(AB)
E11	15800	26-5	0640	Wed	949/00	USB	(AB)
E11	15720	26-5	0745	Wed	344/00	USB	(AB)
E11	17378	26-5	0820	Wed	132/00	USB	(AB)
E11	7449	26-5	0900	Wed	536/00	USB	(AB)
E11	8545	26-5	1045	Wed	691/00	USB	(AB)
E11	6304	26-5	1205	Wed	464/00	USB	(AB/MPJ)
E11	7863	26-5	1625	Wed	970/00	USB	(AB/GHn/MPJ)
E11	8091	27-5	0645	Thu	512/00	USB	(AB)
E11	14940	27-5	0745	Thu	229/00	USB	(AB)
E11	4909	27-5	0820	Thu	439/00	USB	(AB)
E11	12153	27-5	0845	Thu	152/00	USB	(AB)
E11	5737	27-5	1300	Thu	311/00	USB	(AB/MPJ)
E11	10356	27-5	1530	Thu	266/00	USB	(AB/GHn/MPJ)
E11	10429	28-5	0715	Fri	633/00	USB	(AB)
E11	4909	28-5	0820	Fri	434/00	USB	(AB)
E11	12153	28-5	1000	Fri	308/00	USB	(AB)
E11	5409	28-5	1530	Fri	527/00	USB	(AB/MPJ)
E11	9610	28-5	1910	Fri	616/00	USB	(AB)
E11	12984	29-5	1345	Sat	918/00	USB	(AB)
E11	5731	30-5	1605	Sun	235/00	USB	(AB/MPJ)

E11	7863	30-5	1625	Sun	972/00		USB	(AB/MPJ)
E11	14410	30-5	1745	Sun	249/00		USB	(AB/MPJ)
E11	9610	30-5	1910	Sun	618/00		USB	(AB)
E11	7469	31-5	0450	Mon	410/00		USB	(AB)
E11	15800	31-5	0640	Mon	942/00		USB	(AB)
E11	9610	31-5	0745	Mon	269/00		USB	(AB)
E11	12815	31-5	0845	Mon	715/00		USB	(AB)
E11	7449	31-5	0900	Mon	533/00		USB	(AB)
E11	8545	31-5	1045	Mon	698/00		USB	(AB)
E11	5737	31-5	1300	Mon	313/00		USB	(AB)
E11	5409	31-5	1530	Mon	528/00		USB	(MPJ)
E11	14410	31-5	1745	Mon	248/00		USB	(MPJ)
E11	7600	31-5	1900	Mon	644/00		USB	(AB)
E11a	9610	3-5	0745	Mon	268/31 Attention 32487 47483 84440 ... 49569 32801 76364 Attention (message repeated) Out		USB	(AB/MPJ/HFD)
E11a	14410	3-5	1745	Mon	246/37 Attention 40254 26797 22370 ... 80671 97729 18717 Attention (message repeated) Out		USB	(AB/MPJ/HFD)
E11a	8091	4-5	0645	Tue	514/38 Attention 80667 14602 93772 ... 37591 75458 01464 Attention (message repeated) Out		USB	(AB)
E11a	14940	4-5	0745	Tue	220/31 Attention 21118 50598 69086 ... 46069 96314 72592 Attention (message repeated) Out		USB	(AB/HFD)
E11a	12984	4-5	1345	Tue	912/39 Attention 56227 24102 39439 ... 67045 36063 77400 Attention (message repeated) Out		USB	(AB/MPJ/HFD)
E11a	15720	5-5	0745	Wed	346/37 Attention 89233 46878 44965 ... 87776 00559 02094 Attention (message repeated) Out		USB	(AB/HFD)
E11a	8091	6-5	0645	Thu	514/38 Attention 80667 14602 93772 ... 37591 75458 01464 Attention (message repeated) Out		USB	(AB/ES/HFD)
E11a	14940	6-5	0745	Thu	220/31 Attention 21118 50598 69086 ... 46069 96314 72592 Attention (message repeated) Out		USB	(AB/HFD)
E11a	10356	6-5	1530	Thu	268/31 Attention 32487 47483 84440 ... 49569 32801 76364 Attention (message repeated) Out		USB	(AB/MPJ/HFD)
E11a	15720	7-5	0745	Fri	346/37 Attention 89233 46878 44965 ... 87776 00559 02094 Attention (message repeated) Out		USB	(AB/ES)
E11a	12984	8-5	1345	Sat	912/39 Attention 56227 24102 39439 ... 67045 36063 77400 Attention (message repeated) Out		USB	(AB)
E11a	14410	9-5	1745	Sun	246/37 Attention 40254 26797 22370 ... 80671 97729 18717 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	15800	10-5	0640	Mon	944/33 Attention 73408 22150 90760 ... 81961 39282 51180 Attention (message repeated) Out		USB	(AB-POL)
E11a	7449	10-5	0900	Mon	532/39 Attention 23441 40754 95847 ... 12461 68495 21263 Attention (message repeated) Out		USB	(AB)
E11a	8545	10-5	1045	Mon	693/23 Attention 21083 34574 25373 ... 36407 92138 89112 Attention (message repeated) Out		USB	(AB)
E11a	4638	11-5	0500	Tue	121/26 Attention 54624 56542 12841 ... 02468 56422 26064 Attention (message repeated) Out		USB	(CB)
E11a	10429	11-5	0715	Tue	636/39 Attention 97043 77400 23997 ... 67750 37025 57102 Attention (message repeated) Out		USB	(AB)
E11a	17378	11-5	0820	Tue	131/35 Attention 15122 82533 96332 ... 77529 75026 38131 Attention (message repeated) Out		USB	(AB-POL)
E11a	6304	11-5	1205	Tue	460/32 Attention 48620 78374 51383 ... 87643 95707 51041 Attention (message repeated) Out		USB	(AB)
E11a	5371	11-5	1605	Tue	235/31 Attention 72257 11378 84322 ... 69082 31653 30278 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	15800	12-5	0640	Wed	944/33 Attention 73408 22150 90760 ... 81961 39282 51180 Attention (message repeated) Out		USB	(AB-POL)
E11a	17378	12-5	0820	Wed	131/35 Attention 15122 82533 96332 ... 77529 75026 38131 Attention (message repeated) Out		USB	(AB-POL)
E11a	7449	12-5	0900	Wed	532/39 Attention 23441 40754 95847 ... 12461 68495 21263 Attention (message repeated) Out		USB	(AB)
E11a	8545	12-5	1045	Wed	693/23 Attention 21083 34574 25373 ... 36407 92138 89112 Attention (message repeated) Out		USB	(AB)
E11a	6304	12-5	1205	Wed	460/32 Attention 48620 78374 51383 ... 87643 95707 51041 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	7863	12-5	1625	Wed	974/38 Attention 84779 49893 57302 ... 23378 43023 94051 Attention (message repeated) Out		USB	(AB/MPJ)
E11a	10429	14-5	0715	Fri	636/39 Attention 97043 77400 23997 ... 67750 37025 57102 Attention (message repeated) Out		USB	(AB)
E11a	5731	16-5	1605	Sun	235/31 Attention 72257 11378 84322 ... 69082 31653 30278 Attention (message repeated) Out		USB	(AB)
E11a	7863	16-5	1625	Sun	974/38 Attention 84779 49893 57302 ... 23378 43023 94051 Attention (message repeated) Out		USB	(AB)
E11a	9060	17-5	0300	Mon	181/28 Attention 17767 77897 13598 ... 61827 19264 19079 Attention (message repeated) Out		USB	(Subilo)
E11a	5737	17-5	1300	Mon	316/37 Attention 90933 23554 77128 ... 20393 01538 83911 Attention (message repeated) Out		USB	(AB)

E11a	5409	17-5	1530	Mon	521/35 Attention 86955 33516 77328 ... 56854 44734 46080 Attention (message repeated) Out	USB	(AB/MPJ-HOL)
E11a	12153	18-5	0845	Tue	156/26 Attention 15956 37335 49544 ... 82357 85825 61128 Attention (message repeated) Out	USB	(AB)
E11a	12153	18-5	1000	Tue	305/22 Attention 21234 74965 95903 ... 62330 15556 44999 Attention (message repeated) Out	USB	(AB)
E11a	4909	20-5	0820	Thu	434/31 Attention 71031 40658 00386 ... 47887 32946 71603 Attention (message repeated) Out	USB	(AB)
E11a	12153	20-5	0845	Thu	156/26 Attention 15956 37335 49544 ... 82357 85825 61128 Attention (message repeated) Out	USB	(AB)
E11a	5737	20-5	1300	Thu	316/37 Attention 90933 23554 77128 ... 20393 01538 83911 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	4909	21-5	0820	Fri	434/31 Attention 71031 40658 00386 ... 47887 32946 71603 Attention (message repeated) Out	USB	(AB)
E11a	12153	21-5	1000	Fri	305/22 Attention 21234 74965 95903 ... 62330 15556 44999 Attention (message repeated) Out	USB	(AB)
E11a	5409	21-5	1530	Fri	521/35 Attention 86955 33516 77328 ... 56854 44734 46080 Attention (message repeated) Out	USB	(AB)
E11a	9610	21-5	1910	Fri	617/37 Attention 27467 66156 83613 ... 05086 36631 20676 Attention (message repeated) Out	USB	(AB)
E11a	9610	23-5	1910	Sun	617/37 Attention 27467 66156 83613 ... 05086 36631 20676 Attention (message repeated) Out	USB	(AB)
E11a	7469	24-5	0450	Mon	412/31 Attention 23871 62664 55898 ... 44960 72597 16384 Attention (message repeated) Out	USB	(AB)
E11a	12815	24-5	0845	Mon	719/36 Attention 59650 78987 36264 ... 95286 55992 04771 Attention (message repeated) Out	USB	(AB/HFD)
E11a	7600	24-5	1900	Mon	640/37 Attention 11855 54940 96860 ... 77961 78212 29305 Attention (message repeated) Out	USB	(AB)
E11a	8680	25-5	0700	Tue	577/31 Attention 45405 24337 17297 ... 53617 79850 77310 Attention (message repeated) Out	USB	(AB)
E11a	12815	26-5	0845	Wed	719/36 Attention 59650 78987 36264 ... 95286 55992 04771 Attention (message repeated) Out	USB	(AB)
E11a	6923	26-5	0930	Wed	275/37 Attention 44738 38178 31961 ... 03926 69903 18780 Attention (message repeated) Out	USB	(AB)
E11a	4783	26-5	1910	Wed	395/33 Attention 65917 40474 68297 ... 71840 19601 72209 Attention (message repeated) Out	USB	(AB)
E11a	6923	27-5	0930	Thu	275/37 Attention 44738 38178 31961 ... 03926 69903 18780 Attention (message repeated) Out	USB	(AB)
E11a	8088	27-5	1730	Thu	412/31 Attention 23871 62664 55898 ... 44960 72597 16384 Attention (message repeated) Out	USB	(AB)
E11a	7600	27-5	1900	Thu	640/37 Attention 11855 54940 96860 ... 77961 78212 29305 Attention (message repeated) Out	USB	(AB)
E11a	8680	28-5	0700	Fri	577/31 Attention 45405 24337 17297 ... 53617 79850 77310 Attention (message repeated) Out	USB	(AB)
E11a	12229	28-5	1650	Fri	921/39 Attention 63414 13888 55875 ... 19934 71809 12982 Attention (message repeated) Out	USB	(AB/MPJ)
E11a	5082	29-5	1530	Sat	363/40 Attention 64843 61789 58608 ... 09829 08903 78622 Attention (message repeated) Out	USB	(AB)
E11a	4783	29-5	1910	Sat	395/33 Attention 65917 40474 68297 ... 71840 19601 72209 Attention (message repeated) Out	USB	(AB)
E11a	9150	30-5	0600	Sun	359/38 Attention 95712 60782 22304 ... 63985 86677 25546 Attention (repeat message) Out	USB	(AB)
E11a	5082	30-5	1530	Sun	363/40 Attention 64843 61789 58608 ... 09829 08903 78622 Attention (message repeated) Out	USB	(AB)
E11a	12229	30-5	1650	Sun	921/39 Attention 63414 13888 55875 ... 19934 71809 12982 Attention (message repeated) Out	USB	(MPJ)
E17z	16780	6-5	0800	Thu	217 863 5 67542 87623 12654 67531 67452 863 5 00000	USB	(AB-KWT/HFD)
E17z	12850	6-5	0810	Thu	217 863 5 67542 87623 12654 67531 67452 863 5 00000	USB	(AB/HFD)
E17z	16780	13-5	0800	Thu	217 863 5 67542 87623 12654 67531 67452 863 5 00000	USB	(AB)
E17z	12850	13-5	0810	Thu	217 863 5 67542 87623 12654 67531 67452 863 5 00000	USB	(AB)
E17z	16780	20-5	0800	Thu	217 480 5 53516 25616 56069 96813 14199 480 5 00000	USB	(AB)
E17z	12850	20-5	0810	Thu	217 480 5 53516 25616 56069 96813 14199 480 5 00000	USB	(AB)
E17z	16780	27-5	0800	Thu	217 480 5 53516 25616 56069 96813 14199 480 5 00000	USB	(AB)
E17z	12850	27-5	0810	Thu	217 480 5 53516 25616 56069 96813 14199 480 5 00000	USB	(AB)
F01	11414	3-5	1015	Mon	Russian diplo/intel. 62090 10392 29484 ... 15156 02483 42411 0000	FSK 200/500	(AB)
F01	9317	3-5	1025	Mon	Russian diplo/intel. 62090 10392 29484 ... 15156 02483 42411 0000	FSK 200/500	(AB)
F01	7572	3-5	1035	Mon	Russian diplo/intel. 62090 10392 29484 ... 15156 02483 42411 0000	FSK 200/500	(AB)
F01	11414	4-5	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	4-5	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	4-5	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11414	5-5	1015	Wed	Russian diplo/intel. 95610 10264 14440 ... 14517 02098 45421 00000	FSK 200/500	(AB)
F01	9317	5-5	1025	Wed	Russian diplo/intel. 95610 10264 14440 ... 14517 02098 45421 00000	FSK 200/500	(AB)

F01	7572	5-5	1035	Wed	Russian diplo/intel. 95610 10264 14440 ... 14517 02098 45421 00000	FSK 200/500	(AB)
F01	14363	5-5	1840	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	12189	5-5	1900	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	10346	5-5	1910	Wed	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	11414	6-5	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	6-5	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	6-5	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	11414	7-5	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9317	7-5	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	7572	7-5	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	11414	10-5	1015	Mon	Russian diplo/intel. 01351 30016 57284 ... 64865 45609 48431 00000	FSK 200/500	(AB)
F01	9317	10-5	1025	Mon	Russian diplo/intel. 01351 30016 57284 ... 64865 45609 48431 00000	FSK 200/500	(AB)
F01	7572	10-5	1035	Mon	Russian diplo/intel. 01351 30016 57284 ... 64865 45609 48431 00000	FSK 200/500	(AB)
F01	11414	11-5	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ-POL/HFD)
F01	9317	11-5	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ-POL/HFD)
F01	7572	11-5	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB/MPJ-POL/HFD)
F01	17532	12-5	0102	Wed	Russian diplo/intel. i.p.	FSK 200/500	(PY)
F01	16351	12-5	0115	Wed	Russian diplo/intel. i.p.	FSK 200/500	(PY)
F01	14428	12-5	0127	Wed	Russian diplo/intel. i.p.	FSK 200/500	(PY)
F01	11414	12-5	1015	Wed	Russian diplo/intel.	FSK 200/500	(AB)
F01	9317	12-5	1025	Wed	Russian diplo/intel.	FSK 200/500	(AB)
F01	7572	12-5	1035	Wed	Russian diplo/intel.	FSK 200/500	(AB)
F01	20331	13-5	0013	Thu	Russian diplo/intel. i.p.	FSK 200/500	(PY)
F01	17471	13-5	0021	Thu	Russian diplo/intel. i.p.	FSK 200/500	(PY)
F01	17532	13-5	0100	Thu	Russian diplo/intel.	FSK 200/500	(PY)
F01	16351	13-5	0110	Thu	Russian diplo/intel.	FSK 200/500	(PY)
F01	14428	13-5	0120	Thu	Russian diplo/intel.	FSK 200/500	(PY)
F01	11414	13-5	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	9317	13-5	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7572	13-5	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	20331	14-5	0010	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	17471	14-5	0020	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	17532	14-5	0100	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	16351	14-5	0110	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	14428	14-5	0120	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	11414	14-5	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9317	14-5	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	7572	14-5	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	22936	17-5	0002	Mon	Russian diplo/intel. Wrong 200Hz shift instead of 500Hz. Little usable decode, apparently message serial #53 with 305 groups	FSK 200/200	(PY)
F01	20331	17-5	0010	Mon	Russian diplo/intel. Wrong 200Hz shift instead of 500Hz. Little usable decode, apparently message serial #53 with 305 groups	FSK 200/200	(PY)
F01	17471	17-5	0020	Mon	Russian diplo/intel. Wrong 200Hz shift instead of 500Hz. Little usable decode, apparently message serial #53 with 305 groups	FSK 200/200	(PY)

F01	17532	17-5	0100	Mon	Russian diplo/intel. Wrong 200Hz shift instead of 500Hz. Little usable decode, apparently message serial #53 with 305 groups	FSK 200/200	(PY)
F01	16351	17-5	0110	Mon	Russian diplo/intel. Wrong 200Hz shift instead of 500Hz. Little usable decode, apparently message serial #53 with 305 groups	FSK 200/200	(PY)
F01	14428	17-5	0120	Mon	Russian diplo/intel. Wrong 200Hz shift instead of 500Hz. Little usable decode, apparently message serial #53 with 305 groups	FSK 200/200	(PY)
F01	11414	17-5	1015	Mon	Russian diplo/intel. 99076 67445 57166 ... 31534 51316 54427 00000	FSK 200/500	(AB/MPJ)
F01	9317	17-5	1025	Mon	Russian diplo/intel. 99076 67445 57166 ... 31534 51316 54427 00000	FSK 200/500	(AB/MPJ)
F01	7572	17-5	1035	Mon	Russian diplo/intel. 99076 67445 57166 ... 31534 51316 54427 00000	FSK 200/500	(AB/MPJ)
F01	22936	18-5	0000	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	20331	18-5	0010	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	17471	18-5	0020	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	17532	18-5	0100	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	16351	18-5	0110	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	14428	18-5	0120	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	11414	18-5	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	18-5	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	18-5	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	22936	19-5	0000	Wed	Russian diplo/intel.	FSK 200/500	(PY)
F01	20331	19-5	0010	Wed	Russian diplo/intel.	FSK 200/500	(PY)
F01	17471	19-5	0020	Wed	Russian diplo/intel.	FSK 200/500	(PY)
F01	17532	19-5	0100	Wed	Russian diplo/intel.	FSK 200/500	(PY)
F01	16351	19-5	0110	Wed	Russian diplo/intel.	FSK 200/500	(PY)
F01	14428	19-5	0120	Wed	Russian diplo/intel.	FSK 200/500	(PY)
F01	11414	19-5	1015	Wed	Russian diplo/intel. 20761 71603 60682 ... 76086 22205 57433 00000	FSK 200/500	(AB)
F01	9317	19-5	1025	Wed	Russian diplo/intel. 20761 71603 60682 ... 76086 22205 57433 00000	FSK 200/500	(AB)
F01	7572	19-5	1035	Wed	Russian diplo/intel. 20761 71603 60682 ... 76086 22205 57433 00000	FSK 200/500	(AB)
F01	22936	20-5	0000	Thu	Russian diplo/intel. Not heard	FSK 200/200	(PY)
F01	20331	20-5	0010	Thu	Russian diplo/intel. Wrong 200Hz shift instead of 500Hz. No usable decode	FSK 200/200	(PY)
F01	17471	20-5	0020	Thu	Russian diplo/intel. Wrong 200Hz shift instead of 500Hz. No usable decode	FSK 200/200	(PY)
F01	17532	20-5	0100	Thu	Russian diplo/intel. Wrong 200Hz shift instead of 500Hz. No usable decode	FSK 200/200	(PY)
F01	16351	20-5	0110	Thu	Russian diplo/intel. Wrong 200Hz shift instead of 500Hz. No usable decode	FSK 200/200	(PY)
F01	14428	20-5	0120	Thu	Russian diplo/intel. Wrong 200Hz shift instead of 500Hz. No usable decode	FSK 200/200	(PY)
F01	11414	20-5	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	20-5	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7572	20-5	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	22936	21-5	0000	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	20331	21-5	0010	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	17471	21-5	0020	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	17532	21-5	0100	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	16351	21-5	0110	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	14428	21-5	0120	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	11414	21-5	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	9317	21-5	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)

F01	7572	21-5	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB/MPJ)
F01	22936	24-5	0000	Mon	Russian diplo/intel.	FSK 200/500	(PY)
F01	20331	24-5	0010	Mon	Russian diplo/intel.	FSK 200/500	(PY)
F01	17471	24-5	0020	Mon	Russian diplo/intel.	FSK 200/500	(PY)
F01	17532	24-5	0100	Mon	Russian diplo/intel.	FSK 200/500	(PY)
F01	16351	24-5	0110	Mon	Russian diplo/intel.	FSK 200/500	(PY)
F01	14428	24-5	0120	Mon	Russian diplo/intel.	FSK 200/500	(PY)
F01	11414	24-5	1015	Mon	Russian diplo/intel. 96119 39992 66834 ... 65749 60427 00000	FSK 200/500	(AB-POL)
F01	9317	24-5	1025	Mon	Russian diplo/intel. 96119 39992 66834 ... 65749 60427 00000	FSK 200/500	(AB-RUS)
F01	7572	24-5	1035	Mon	Russian diplo/intel. 96119 39992 66834 ... 65749 60427 00000	FSK 200/500	(AB)
F01	22936	25-5	0000	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	20331	25-5	0010	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	17471	25-5	0020	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	17532	25-5	0100	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	16351	25-5	0110	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	14428	25-5	0120	Tue	Russian diplo/intel.	FSK 200/500	(PY)
F01	11414	25-5	1015	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	25-5	1025	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	7572	25-5	1035	Tue	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	22936	26-5	0000	Wed	Russian diplo/intel.	FSK 200/500	(PY)
F01	20331	26-5	0010	Wed	Russian diplo/intel. A few intermittent bursts of F01 signal tuning up late mid-message, then nothing	FSK 200/500	(PY)
F01	17471	26-5	0020	Wed	Russian diplo/intel.	FSK 200/500	(PY)
F01	17532	26-5	0100	Wed	Russian diplo/intel.	FSK 200/500	(PY)
F01	16351	26-5	0110	Wed	Russian diplo/intel.	FSK 200/500	(PY)
F01	14428	26-5	0120	Wed	Russian diplo/intel.	FSK 200/500	(PY)
F01	11414	26-5	1015	Wed	Russian diplo/intel. 87677 57620 19583 ... 99958 29182 63415 00000	FSK 200/500	(AB)
F01	9317	26-5	1025	Wed	Russian diplo/intel. 87677 57620 19583 ... 99958 29182 63415 00000	FSK 200/500	(AB)
F01	7572	26-5	1035	Wed	Russian diplo/intel. 87677 57620 19583 ... 99958 29182 63415 00000	FSK 200/500	(AB)
F01	22936	27-5	0000	Thu	Russian diplo/intel.	FSK 200/500	(PY)
F01	20331	27-5	0010	Thu	Russian diplo/intel.	FSK 200/500	(PY)
F01	17471	27-5	0020	Thu	Russian diplo/intel.	FSK 200/500	(PY)
F01	17532	27-5	0100	Thu	Russian diplo/intel.	FSK 200/500	(PY)
F01	16351	27-5	0110	Thu	Russian diplo/intel.	FSK 200/500	(PY)
F01	14428	27-5	0120	Thu	Russian diplo/intel.	FSK 200/500	(PY)
F01	11414	27-5	1015	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB)
F01	9317	27-5	1025	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	7572	27-5	1035	Thu	Russian diplo/intel. Two messages	FSK 200/500	(AB-RUS)
F01	14428	28-5	0000	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	16351	28-5	0000	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	17471	28-5	0000	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	17532	28-5	0000	Fri	Russian diplo/intel.	FSK 200/500	(PY)
F01	20331	28-5	0000	Fri	Russian diplo/intel. abrupt dramatic reduction in signal power at 0013z	FSK 200/500	(PY)
F01	22936	28-5	0000	Fri	Russian diplo/intel. no retuning after previous TX, cut off mid-message at 0012z	FSK 200/500	(PY)
F01	22936	28-5	0000	Fri	Russian diplo/intel.	FSK 200/500	(PY)

F01	11414	28-5	1015	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	9317	28-5	1025	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	7572	28-5	1035	Fri	Russian diplo/intel. 5761 00000	FSK 200/500	(AB)
F01	22936	31-5	0000	Mon	Russian diplo/intel.	FSK 200/500	(PY)
F01	20331	31-5	0010	Mon	Russian diplo/intel.	FSK 200/500	(PY)
F01	17471	31-5	0020	Mon	Russian diplo/intel.	FSK 200/500	(PY)
F01	17532	31-5	0100	Mon	Russian diplo/intel.	FSK 200/500	(PY)
F01	17532	31-5	0110	Mon	Russian diplo/intel. Cut off mid-message at 0111 UTC	FSK 200/500	(PY)
F01	14428	31-5	0120	Mon	Russian diplo/intel.	FSK 200/500	(PY)
F01	11414	31-5	1015	Mon	Russian diplo/intel. 79006 96468 53308 ... 84741 41005 66437 00000 +++++ +++++	FSK 200/500	(AB)
F01	9317	31-5	1025	Mon	Russian diplo/intel. 79006 96468 53308 ... 84741 41005 66437 00000 +++++ +++++	FSK 200/500	(AB)
F01	7572	31-5	1035	Mon	Russian diplo/intel. 79006 96468 53308 ... 84741 41005 66437 00000 +++++ +++++	FSK 200/500	(AB)
F03j	8423	3-5	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	3-5	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	4-5	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	4-5	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	4-5	0635	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	4-5	0640	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	4-5	0725	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	4-5	0730	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	4-5	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	4-5	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	4-5	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	4-5	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	4-5	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	4-5	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	5-5	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	5-5	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	5-5	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	5-5	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	5-5	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	5-5	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	6-5	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	6-5	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	6-5	0635	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	6-5	0640	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	6-5	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	6-5	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	6-5	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	6-5	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	7-5	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	7-5	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	10-5	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	10-5	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	17410	11-5	0725	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	11-5	0730	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18030	11-5	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	11-5	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	11-5	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	11-5	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	11-5	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	11-5	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	12-5	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	12-5	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	12-5	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	12-5	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	12-5	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	12-5	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	13-5	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	13-5	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	13-5	0635	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	13-5	0640	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	13-5	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	13-5	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	13-5	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	13-5	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	13-5	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	13-5	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	14-5	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	14-5	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	17-5	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	17-5	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	18-5	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	18-5	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	18-5	0635	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	18-5	0640	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	18-5	0725	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	18-5	0730	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18030	18-5	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	18-5	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	18-5	0835	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	18-5	0840	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	18-5	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	18-5	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	19-5	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	18030	19-5	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	6304	19-5	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	19-5	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)

F03j	8423	19-5	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	19-5	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	20-5	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	20-5	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	20-5	0635	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	20-5	0640	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	20-5	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	20-5	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	20-5	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	20-5	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	20-5	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	20-5	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	21-5	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	21-5	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	24-5	1030	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	24-5	1035	Mon	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	25-5	0615	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	25-5	0620	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	25-5	0635	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	25-5	0640	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	25-5	0800	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	25-5	0805	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	25-5	0945	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	25-5	0950	Tue	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	26-5	0800	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	18030	26-5	0805	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	26-5	0915	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	26-5	0920	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	26-5	1030	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8423	26-5	1035	Wed	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	27-5	0615	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	8803	27-5	0620	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	27-5	0635	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	14865	27-5	0640	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	17410	27-5	0725	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	17410	27-5	0730	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB-POL)
F03j	12385	27-5	0835	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	12385	27-5	0840	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	27-5	0915	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	6304	27-5	0920	Thu	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	28-5	0945	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03j	7663	28-5	0950	Fri	Polish intel.	FSK-4 100Bd/400Hz/448bp	(AB)
F03I	7469	3-5	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	3-5	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)

F03I	6304	3-5	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	3-5	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	4-5	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	4-5	1810	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	5-5	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	5-5	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	5-5	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	5-5	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	6-5	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	6-5	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	6-5	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	6-5	1810	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	6-5	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	6-5	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7469	10-5	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	10-5	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	10-5	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	10-5	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	11-5	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	11-5	1810	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6849	12-5	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	12-5	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	12-5	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	12-5	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	13-5	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	13-5	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	13-5	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	13-5	1810	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	13-5	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	13-5	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7469	17-5	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	17-5	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	17-5	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	17-5	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	18-5	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	18-5	1810	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6849	19-5	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	19-5	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	19-5	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	19-5	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	20-5	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	20-5	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	20-5	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	20-5	1810	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)

F03I	6304	20-5	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	20-5	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7469	24-5	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	24-5	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	24-5	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(MPJ)
F03I	6304	24-5	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(MPJ)
F03I	12385	25-5	1800	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	25-5	1810	Tue	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6849	26-5	0430	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	26-5	0435	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	26-5	0950	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	26-5	0955	Wed	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	27-5	0430	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6849	27-5	0435	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	12385	27-5	1800	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	12385	27-5	1810	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	27-5	1830	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	27-5	1835	Thu	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	7469	31-5	0950	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	7469	31-5	0955	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB)
F03I	6304	31-5	1830	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F03I	6304	31-5	1835	Mon	Polish intel.	FSK-2 100Bd/200Hz/448bp	(AB/MPJ)
F06	19323	2-5	1530	Sun	Russian diplo/intel. 11166 10053 13579 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17536	2-5	1540	Sun	Russian diplo/intel. 11166 10053 13579 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14356	2-5	1550	Sun	Russian diplo/intel. 11166 10053 13579 02001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12219	3-5	0400	Mon	Russian diplo/intel. 11166 70059 31597 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10448	3-5	0410	Mon	Russian diplo/intel. 11166 70059 31597 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8139	3-5	0420	Mon	Russian diplo/intel. 11166 70059 31597 03001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	3-5	0700	Mon	Russian diplo/intel. Header: 11166 70202 14759 30071 02539	FSK 200/1000	(AB)
F06	11163	3-5	0710	Mon	Russian diplo/intel. Header: 11166 70202 14759 30071 02539	FSK 200/1000	(AB)
F06	9271	3-5	0720	Mon	Russian diplo/intel. Header: 11166 70202 14759 30071 02539	FSK 200/1000	(AB)
F06	12194	3-5	1200	Mon	Russian diplo/intel. Header: 11166 70202 14759 30071 02539	FSK 200/1000	(AB)
F06	10523	3-5	1210	Mon	Russian diplo/intel. Header: 11166 70202 14759 30071 02539	FSK 200/1000	(AB)
F06	8129	3-5	1220	Mon	Russian diplo/intel. Header: 11166 70202 14759 30071 02539	FSK 200/1000	(AB)
F06	13836	4-5	0700	Tue	Russian diplo/intel. Headers: 11166 70202 85432 30072 03039 and 11166 70202 59845 30073 01279	FSK 200/1000	(AB)
F06	11163	4-5	0710	Tue	Russian diplo/intel. Headers: 11166 70202 85432 30072 03039 and 11166 70202 59845 30073 01279	FSK 200/1000	(AB)
F06	9271	4-5	0720	Tue	Russian diplo/intel. Headers: 11166 70202 85432 30072 03039 and 11166 70202 59845 30073 01279	FSK 200/1000	(AB)
F06	12194	4-5	1200	Tue	Russian diplo/intel. Headers: 11166 70202 85432 30072 03039 and 11166 70202 59845 30073 01279	FSK 200/1000	(AB)
F06	10523	4-5	1210	Tue	Russian diplo/intel. Headers: 11166 70202 85432 30072 03039 and 11166 70202 59845 30073 01279	FSK 200/1000	(AB)
F06	8129	4-5	1220	Tue	Russian diplo/intel. Headers: 11166 70202 85432 30072 03039 and 11166 70202 59845 30073 01279	FSK 200/1000	(AB)
F06	19214	4-5	1650	Tue	Russian diplo/intel. 11166 10053 78541 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	17419	4-5	1700	Tue	Russian diplo/intel. 11166 10053 78541 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14443	4-5	1710	Tue	Russian diplo/intel. 11166 10053 78541 04001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	17420	5-5	0600	Wed	Russian diplo/intel. Header: 11166 40122 15978 01046 04779	FSK 200/1000	(AB-RUS)

F06	15673	5-5	0610	Wed	Russian diplo/intel. Header: 11166 40122 15978 01046 04779	FSK 200/1000	(AB-RUS)
F06	13361	5-5	0620	Wed	Russian diplo/intel. Header: 11166 40122 15978 01046 04779	FSK 200/1000	(AB-J)
F06	13836	5-5	0700	Wed	Russian diplo/intel. Header: 11166 70202 36958 30074 02199	FSK 200/1000	(AB)
F06	11163	5-5	0710	Wed	Russian diplo/intel. Header: 11166 70202 36958 30074 02199	FSK 200/1000	(AB)
F06	9271	5-5	0720	Wed	Russian diplo/intel. Header: 11166 70202 36958 30074 02199	FSK 200/1000	(AB)
F06	12194	5-5	1200	Wed	Russian diplo/intel. Header: 11166 70202 36958 30074 02199	FSK 200/1000	(AB/MPJ)
F06	10523	5-5	1210	Wed	Russian diplo/intel. Header: 11166 70202 36958 30074 02199	FSK 200/1000	(AB/MPJ)
F06	8129	5-5	1220	Wed	Russian diplo/intel. Header: 11166 70202 36958 30074 02199	FSK 200/1000	(AB/MPJ)
F06	17420	6-5	0600	Thu	Russian diplo/intel. Header: 11166 40122 15978 01046 04779	FSK 200/1000	(AB-RUS)
F06	15673	6-5	0610	Thu	Russian diplo/intel. Header: 11166 40122 15978 01046 04779	FSK 200/1000	(AB-RUS)
F06	13361	6-5	0620	Thu	Russian diplo/intel. Header: 11166 40122 15978 01046 04779	FSK 200/1000	(AB-J)
F06	13836	6-5	0700	Thu	Russian diplo/intel. Headers: 11166 70202 45237 30075 02899 and 11166 70202 78423 30076 01399	FSK 200/1000	(AB)
F06	11163	6-5	0710	Thu	Russian diplo/intel. Headers: 11166 70202 45237 30075 02899 and 11166 70202 78423 30076 01399	FSK 200/1000	(AB)
F06	9271	6-5	0720	Thu	Russian diplo/intel. Headers: 11166 70202 45237 30075 02899 and 11166 70202 78423 30076 01399	FSK 200/1000	(AB)
F06	12194	6-5	1200	Thu	Russian diplo/intel. Headers: 11166 70202 45237 30075 02899 and 11166 70202 78423 30076 01399	FSK 200/1000	(AB/MPJ)
F06	10523	6-5	1210	Thu	Russian diplo/intel. Headers: 11166 70202 45237 30075 02899 and 11166 70202 78423 30076 01399	FSK 200/1000	(AB/MPJ)
F06	8129	6-5	1220	Thu	Russian diplo/intel. Headers: 11166 70202 45237 30075 02899 and 11166 70202 78423 30076 01399	FSK 200/1000	(AB/MPJ)
F06	16328	6-5	1330	Thu	Russian diplo/intel. 11166 80214 34568 06025 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14358	6-5	1340	Thu	Russian diplo/intel. 11166 80214 34568 06025 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11146	6-5	1350	Thu	Russian diplo/intel. 11166 80214 34568 06025 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13836	7-5	0700	Fri	Russian diplo/intel. 11166 70202 46821 07018 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11163	7-5	0710	Fri	Russian diplo/intel. 11166 70202 46821 07018 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9271	7-5	0720	Fri	Russian diplo/intel. 11166 70202 46821 07018 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19323	9-5	1530	Sun	Russian diplo/intel. 11166 10053 45689 09021 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
F06	17536	9-5	1540	Sun	Russian diplo/intel. 11166 10053 45689 09021 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
F06	14356	9-5	1550	Sun	Russian diplo/intel. 11166 10053 45689 09021 00049 00000 00000 00000 00000	FSK 200/1000	(MPJ)
F06	13836	10-5	0700	Mon	Russian diplo/intel. Header: 11166 70202 25864 30077 02799	FSK 200/1000	(AB)
F06	11163	10-5	0710	Mon	Russian diplo/intel. Header: 11166 70202 25864 30077 02799	FSK 200/1000	(AB)
F06	9271	10-5	0720	Mon	Russian diplo/intel. Header: 11166 70202 25864 30077 02799	FSK 200/1000	(AB)
F06	12194	10-5	1200	Mon	Russian diplo/intel. Header: 11166 70202 25864 30077 02799	FSK 200/1000	(AB/MPJ)
F06	10523	10-5	1210	Mon	Russian diplo/intel. Header: 11166 70202 25864 30077 02799	FSK 200/1000	(AB/MPJ)
F06	8129	10-5	1220	Mon	Russian diplo/intel. Header: 11166 70202 25864 30077 02799	FSK 200/1000	(AB/MPJ)
F06	11126	11-5	0030	Tue	Russian diplo/intel. 11166 60070 92436 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10292	11-5	0040	Tue	Russian diplo/intel. 11166 60070 92436 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9240	11-5	0050	Tue	Russian diplo/intel. 11166 60070 92436 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13370	11-5	0200	Tue	Russian diplo/intel. Header: 11166 60146 00000 11049 02919	FSK 200/1000	(PY)
F06	11538	11-5	0210	Tue	Russian diplo/intel. Header: 11166 60146 00000 11049 02919	FSK 200/1000	(PY)
F06	10614	11-5	0220	Tue	Russian diplo/intel. Header: 11166 60146 00000 11049 02919	FSK 200/1000	(PY)
F06	11563	11-5	0300	Tue	Russian diplo/intel. Header: 11166 60146 00000 11049 02919	FSK 200/1000	(PY)
F06	10216	11-5	0310	Tue	Russian diplo/intel. Header: 11166 60146 00000 11049 02919	FSK 200/1000	(PY)
F06	9417	11-5	0320	Tue	Russian diplo/intel. Header: 11166 60146 00000 11049 02919	FSK 200/1000	(PY)
F06	13836	11-5	0700	Tue	Russian diplo/intel. Headers: 11166 70202 25713 30078 01639 and 11166 70202 74258 30079 02159	FSK 200/1000	(AB)
F06	11163	11-5	0710	Tue	Russian diplo/intel. Headers: 11166 70202 25713 30078 01639 and 11166 70202 74258 30079 02159	FSK 200/1000	(AB)
F06	9271	11-5	0720	Tue	Russian diplo/intel. Headers: 11166 70202 25713 30078 01639 and 11166 70202 74258 30079 02159	FSK 200/1000	(AB)

F06	12194	11-5	1200	Tue	Russian diplo/intel. Headers: 11166 70202 25713 30078 01639 and 11166 70202 74258 30079 02159	FSK 200/1000	(AB)
F06	10523	11-5	1210	Tue	Russian diplo/intel. Headers: 11166 70202 25713 30078 01639 and 11166 70202 74258 30079 02159	FSK 200/1000	(AB)
F06	8129	11-5	1220	Tue	Russian diplo/intel. Headers: 11166 70202 25713 30078 01639 and 11166 70202 74258 30079 02159	FSK 200/1000	(AB/MPJ-HNG
F06	19214	11-5	1650	Tue	Russian diplo/intel. 11166 10053 15823 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	17419	11-5	1700	Tue	Russian diplo/intel. 11166 10053 15823 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14443	11-5	1710	Tue	Russian diplo/intel. 11166 10053 15823 11001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13370	12-5	0200	Wed	Russian diplo/intel. Header: 11166 60146 00000 12050 02849	FSK 200/1000	(PY)
F06	11538	12-5	0210	Wed	Russian diplo/intel. Header: 11166 60146 00000 12050 02849	FSK 200/1000	(PY)
F06	10614	12-5	0220	Wed	Russian diplo/intel. Header: 11166 60146 00000 12050 02849	FSK 200/1000	(PY)
F06	11563	12-5	0300	Wed	Russian diplo/intel. Header: 11166 60146 00000 12050 02849	FSK 200/1000	(PY)
F06	10216	12-5	0310	Wed	Russian diplo/intel. Header: 11166 60146 00000 12050 02849	FSK 200/1000	(PY)
F06	9417	12-5	0320	Wed	Russian diplo/intel. Header: 11166 60146 00000 12050 02849	FSK 200/1000	(PY)
F06	17420	12-5	0600	Wed	Russian diplo/intel. Headers: 11166 40122 75382 08047 03119 and 11166 40122 36985 08048 02629	FSK 200/1000	(AB-RUS)
F06	15673	12-5	0610	Wed	Russian diplo/intel. Headers: 11166 40122 75382 08047 03119 and 11166 40122 36985 08048 02629	FSK 200/1000	(AB-KOR)
F06	13361	12-5	0620	Wed	Russian diplo/intel. Headers: 11166 40122 75382 08047 03119 and 11166 40122 36985 08048 02629	FSK 200/1000	(AB-KOR)
F06	13836	12-5	0700	Wed	Russian diplo/intel. Header: 11166 70202 36215 11080 02779	FSK 200/1000	(AB)
F06	11163	12-5	0710	Wed	Russian diplo/intel. Header: 11166 70202 36215 11080 02779	FSK 200/1000	(AB)
F06	9271	12-5	0720	Wed	Russian diplo/intel. Header: 11166 70202 36215 11080 02779	FSK 200/1000	(AB)
F06	15784	12-5	0800	Wed	Russian diplo/intel. Header: 11166 00052 78541 12084 02529	FSK 200/1000	(AB)
F06	13849	12-5	0810	Wed	Russian diplo/intel. Header: 11166 00052 78541 12084 02529	FSK 200/1000	(AB)
F06	11646	12-5	0820	Wed	Russian diplo/intel. Header: 11166 00052 78541 12084 02529	FSK 200/1000	(AB)
F06	12194	12-5	1200	Wed	Russian diplo/intel. Header: 11166 70202 36215 11080 02779	FSK 200/1000	(AB)
F06	10523	12-5	1210	Wed	Russian diplo/intel. Header: 11166 70202 36215 11080 02779	FSK 200/1000	(AB)
F06	8129	12-5	1220	Wed	Russian diplo/intel. Header: 11166 70202 36215 11080 02779	FSK 200/1000	(AB)
F06	13370	13-5	0200	Thu	Russian diplo/intel. Header: 11166 60146 00000 13051 02909	FSK 200/1000	(PY)
F06	11538	13-5	0210	Thu	Russian diplo/intel. Header: 11166 60146 00000 13051 02909	FSK 200/1000	(PY)
F06	10614	13-5	0220	Thu	Russian diplo/intel. Header: 11166 60146 00000 13051 02909	FSK 200/1000	(PY)
F06	11563	13-5	0300	Thu	Russian diplo/intel. Header: 11166 60146 00000 13051 02909	FSK 200/1000	(PY)
F06	10216	13-5	0310	Thu	Russian diplo/intel. Header: 11166 60146 00000 13051 02909	FSK 200/1000	(PY)
F06	9417	13-5	0320	Thu	Russian diplo/intel. Header: 11166 60146 00000 13051 02909	FSK 200/1000	(PY)
F06	17420	13-5	0600	Thu	Russian diplo/intel. Headers: 11166 40122 75382 08047 03119 and 11166 40122 36985 08048 02629	FSK 200/1000	(AB-RUS)
F06	15673	13-5	0610	Thu	Russian diplo/intel. Headers: 11166 40122 75382 08047 03119 and 11166 40122 36985 08048 02629	FSK 200/1000	(AB-RUS)
F06	13361	13-5	0620	Thu	Russian diplo/intel. Headers: 11166 40122 75382 08047 03119 and 11166 40122 36985 08048 02629	FSK 200/1000	(AB-KOR)
F06	13836	13-5	0700	Thu	Russian diplo/intel. Headers: 11166 70202 52894 12081 01579 and 11166 70202 64721 12082 02039	FSK 200/1000	(AB)
F06	11163	13-5	0710	Thu	Russian diplo/intel. Headers: 11166 70202 52894 12081 01579 and 11166 70202 64721 12082 02039	FSK 200/1000	(AB)
F06	9271	13-5	0720	Thu	Russian diplo/intel. Headers: 11166 70202 52894 12081 01579 and 11166 70202 64721 12082 02039	FSK 200/1000	(AB)
F06	15784	13-5	0800	Thu	Russian diplo/intel. Header: 11166 00052 78541 12084 02529	FSK 200/1000	(AB)
F06	13849	13-5	0810	Thu	Russian diplo/intel. Header: 11166 00052 78541 12084 02529	FSK 200/1000	(AB)
F06	11646	13-5	0820	Thu	Russian diplo/intel. Header: 11166 00052 78541 12084 02529	FSK 200/1000	(AB)
F06	12194	13-5	1200	Thu	Russian diplo/intel. Headers: 11166 70202 52894 12081 01579 and 11166 70202 64721 12082 02039	FSK 200/1000	(AB)
F06	10523	13-5	1210	Thu	Russian diplo/intel. Headers: 11166 70202 52894 12081 01579 and 11166 70202 64721 12082 02039	FSK 200/1000	(AB)
F06	8129	13-5	1220	Thu	Russian diplo/intel. Headers: 11166 70202 52894 12081 01579 and 11166 70202 64721 12082 02039	FSK 200/1000	(AB)
F06	16328	13-5	1330	Thu	Russian diplo/intel. 11166 80214 35791 12042 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14358	13-5	1340	Thu	Russian diplo/intel. 11166 80214 35791 12042 00049 00000 00000 00000 00000	FSK 200/1000	(AB)

F06	11146	13-5	1350	Thu	Russian diplo/intel. 11166 80214 35791 12042 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13370	14-5	0200	Fri	Russian diplo/intel. Header: 11166 60146 00000 14052 02749	FSK 200/1000	(PY)
F06	11538	14-5	0210	Fri	Russian diplo/intel. Header: 11166 60146 00000 14052 02749	FSK 200/1000	(PY)
F06	10614	14-5	0220	Fri	Russian diplo/intel. Header: 11166 60146 00000 14052 02749	FSK 200/1000	(PY)
F06	11563	14-5	0300	Fri	Russian diplo/intel. Header: 11166 60146 00000 14052 02749	FSK 200/1000	(PY)
F06	10216	14-5	0310	Fri	Russian diplo/intel. Header: 11166 60146 00000 14052 02749 signal interruption during transmission	FSK 200/1000	(PY)
F06	9417	14-5	0320	Fri	Russian diplo/intel. Header: 11166 60146 00000 14052 02749	FSK 200/1000	(PY)
F06	13836	14-5	0700	Fri	Russian diplo/intel. 11166 70202 35741 14067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11163	14-5	0710	Fri	Russian diplo/intel. 11166 70202 35741 14067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9271	14-5	0720	Fri	Russian diplo/intel. 11166 70202 35741 14067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19323	16-5	1530	Sun	Russian diplo/intel. 11166 10053 78541 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	17536	16-5	1540	Sun	Russian diplo/intel. 11166 10053 78541 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14356	16-5	1550	Sun	Russian diplo/intel. 11166 10053 78541 16001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13370	17-5	0200	Mon	Russian diplo/intel. Header: 11166 60146 00000 17053 02919	FSK 200/1000	(PY)
F06	11538	17-5	0210	Mon	Russian diplo/intel. Header: 11166 60146 00000 17053 02919	FSK 200/1000	(PY)
F06	10614	17-5	0220	Mon	Russian diplo/intel. Header: 11166 60146 00000 17053 02919	FSK 200/1000	(PY)
F06	11563	17-5	0300	Mon	Russian diplo/intel. Header: 11166 60146 00000 17053 02919	FSK 200/1000	(PY)
F06	10216	17-5	0310	Mon	Russian diplo/intel. Header: 11166 60146 00000 17053 02919	FSK 200/1000	(PY)
F06	9417	17-5	0320	Mon	Russian diplo/intel. Header: 11166 60146 00000 17053 02919	FSK 200/1000	(PY)
F06	12219	17-5	0400	Mon	Russian diplo/intel. 11166 70059 78541 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10448	17-5	0410	Mon	Russian diplo/intel. 11166 70059 78541 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	8139	17-5	0420	Mon	Russian diplo/intel. 11166 70059 78541 17001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13836	17-5	0700	Mon	Russian diplo/intel. Header: 11166 70202 92647 14083 02659	FSK 200/1000	(AB-RUS)
F06	11163	17-5	0710	Mon	Russian diplo/intel. Header: 11166 70202 92647 14083 02659	FSK 200/1000	(AB)
F06	9271	17-5	0720	Mon	Russian diplo/intel. Header: 11166 70202 92647 14083 02659	FSK 200/1000	(AB)
F06	12194	17-5	1200	Mon	Russian diplo/intel. Header: 11166 70202 92647 14083 02659	FSK 200/1000	(AB)
F06	10523	17-5	1210	Mon	Russian diplo/intel. Header: 11166 70202 92647 14083 02659	FSK 200/1000	(AB)
F06	8129	17-5	1220	Mon	Russian diplo/intel. Header: 11166 70202 92647 14083 02659	FSK 200/1000	(AB)
F06	11126	18-5	0030	Tue	Russian diplo/intel. 11166 60070 79641 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10292	18-5	0040	Tue	Russian diplo/intel. 11166 60070 79641 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9240	18-5	0050	Tue	Russian diplo/intel. 11166 60070 79641 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13370	18-5	0200	Tue	Russian diplo/intel. Header: 11166 60146 00000 18054 03179	FSK 200/1000	(PY)
F06	11538	18-5	0210	Tue	Russian diplo/intel. Header: 11166 60146 00000 18054 03179	FSK 200/1000	(PY)
F06	10614	18-5	0220	Tue	Russian diplo/intel. Header: 11166 60146 00000 18054 03179	FSK 200/1000	(PY)
F06	11563	18-5	0300	Tue	Russian diplo/intel. Header: 11166 60146 00000 18054 03179	FSK 200/1000	(PY)
F06	10216	18-5	0310	Tue	Russian diplo/intel. Header: 11166 60146 00000 18054 03179	FSK 200/1000	(PY)
F06	9417	18-5	0320	Tue	Russian diplo/intel. Header: 11166 60146 00000 18054 03179	FSK 200/1000	(PY)
F06	13836	18-5	0700	Tue	Russian diplo/intel. Headers: 11166 70202 14769 17084 01919 and 11166 70202 25869 17085 02199	FSK 200/1000	(AB)
F06	11163	18-5	0710	Tue	Russian diplo/intel. Headers: 11166 70202 14769 17084 01919 and 11166 70202 25869 17085 02199	FSK 200/1000	(AB)
F06	9271	18-5	0720	Tue	Russian diplo/intel. Headers: 11166 70202 14769 17084 01919 and 11166 70202 25869 17085 02199	FSK 200/1000	(AB)
F06	12194	18-5	1200	Tue	Russian diplo/intel. Headers: 11166 70202 14769 17084 01919 and 11166 70202 25869 17085 02199	FSK 200/1000	(AB)
F06	10523	18-5	1210	Tue	Russian diplo/intel. Headers: 11166 70202 14769 17084 01919 and 11166 70202 25869 17085 02199	FSK 200/1000	(AB)
F06	8129	18-5	1220	Tue	Russian diplo/intel. Headers: 11166 70202 14769 17084 01919 and 11166 70202 25869 17085 02199	FSK 200/1000	(AB)
F06	19214	18-5	1650	Tue	Russian diplo/intel. 11166 10053 14789 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)

F06	17419	18-5	1700	Tue	Russian diplo/intel. 11166 10053 14789 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	14443	18-5	1710	Tue	Russian diplo/intel. 11166 10053 14789 18001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13370	19-5	0200	Wed	Russian diplo/intel. Header: 11166 60146 00000 19055 03339	FSK 200/1000	(PY)
F06	11538	19-5	0210	Wed	Russian diplo/intel. Header: 11166 60146 00000 19055 03339	FSK 200/1000	(PY)
F06	10614	19-5	0220	Wed	Russian diplo/intel. Header: 11166 60146 00000 19055 03339	FSK 200/1000	(PY)
F06	11563	19-5	0300	Wed	Russian diplo/intel. Header: 11166 60146 00000 19055 03339	FSK 200/1000	(PY)
F06	10216	19-5	0310	Wed	Russian diplo/intel. Header: 11166 60146 00000 19055 03339	FSK 200/1000	(PY)
F06	9417	19-5	0320	Wed	Russian diplo/intel. Header: 11166 60146 00000 19055 03339	FSK 200/1000	(PY)
F06	17420	19-5	0600	Wed	Russian diplo/intel. 11166 40122 46972 19069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS)
F06	15673	19-5	0610	Wed	Russian diplo/intel. 11166 40122 46972 19069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	13361	19-5	0620	Wed	Russian diplo/intel. 11166 40122 46972 19069 00049 00000 00000 00000 00000	FSK 200/1000	(AB-KOR)
F06	13836	19-5	0700	Wed	Russian diplo/intel. Header: 11166 70202 35478 18086 02559	FSK 200/1000	(AB-RUS)
F06	11163	19-5	0710	Wed	Russian diplo/intel. Header: 11166 70202 35478 18086 02559	FSK 200/1000	(AB)
F06	9271	19-5	0720	Wed	Russian diplo/intel. Header: 11166 70202 35478 18086 02559	FSK 200/1000	(AB)
F06	12194	19-5	1200	Wed	Russian diplo/intel. Header: 11166 70202 35478 18086 02559	FSK 200/1000	(AB/MPJ)
F06	10523	19-5	1210	Wed	Russian diplo/intel. Header: 11166 70202 35478 18086 02559	FSK 200/1000	(AB/MPJ)
F06	8129	19-5	1220	Wed	Russian diplo/intel. Header: 11166 70202 35478 18086 02559	FSK 200/1000	(AB/MPJ)
F06	13370	20-5	0200	Thu	Russian diplo/intel. Header: 11166 60146 00000 20056 03379	FSK 200/1000	(PY)
F06	11538	20-5	0210	Thu	Russian diplo/intel. Header: 11166 60146 00000 20056 03379	FSK 200/1000	(PY)
F06	10614	20-5	0220	Thu	Russian diplo/intel. Header: 11166 60146 00000 20056 03379	FSK 200/1000	(PY)
F06	11563	20-5	0300	Thu	Russian diplo/intel. Header: 11166 60146 00000 20056 03379	FSK 200/1000	(PY)
F06	10216	20-5	0310	Thu	Russian diplo/intel. Header: 11166 60146 00000 20056 03379 signal interruptions during TX	FSK 200/1000	(PY)
F06	9417	20-5	0320	Thu	Russian diplo/intel. Header: 11166 60146 00000 20056 03379	FSK 200/1000	(PY)
F06	13836	20-5	0700	Thu	Russian diplo/intel. Headers: 11166 70202 98241 19087 01559 and 11166 70202 54367 19088 02659	FSK 200/1000	(AB)
F06	11163	20-5	0710	Thu	Russian diplo/intel. Headers: 11166 70202 98241 19087 01559 and 11166 70202 54367 19088 02659	FSK 200/1000	(AB)
F06	9271	20-5	0720	Thu	Russian diplo/intel. Headers: 11166 70202 98241 19087 01559 and 11166 70202 54367 19088 02659	FSK 200/1000	(AB)
F06	12194	20-5	1200	Thu	Russian diplo/intel. Headers: 11166 70202 98241 19087 01559 and 11166 70202 54367 19088 02659	FSK 200/1000	(AB)
F06	10523	20-5	1210	Thu	Russian diplo/intel. Headers: 11166 70202 98241 19087 01559 and 11166 70202 54367 19088 02659	FSK 200/1000	(AB)
F06	8129	20-5	1220	Thu	Russian diplo/intel. Headers: 11166 70202 98241 19087 01559 and 11166 70202 54367 19088 02659	FSK 200/1000	(AB)
F06	16328	20-5	1330	Thu	Russian diplo/intel. 11166 80214 61248 20094 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	14358	20-5	1340	Thu	Russian diplo/intel. 11166 80214 61248 20094 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	11146	20-5	1350	Thu	Russian diplo/intel. 11166 80214 61248 20094 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13370	21-5	0200	Fri	Russian diplo/intel. Header: 11166 60146 00000 21057 02609	FSK 200/1000	(PY)
F06	11538	21-5	0210	Fri	Russian diplo/intel. Header: 11166 60146 00000 21057 02609	FSK 200/1000	(PY)
F06	10614	21-5	0220	Fri	Russian diplo/intel. Header: 11166 60146 00000 21057 02609	FSK 200/1000	(PY)
F06	11563	21-5	0300	Fri	Russian diplo/intel. Header: 11166 60146 00000 21057 02609	FSK 200/1000	(PY)
F06	10216	21-5	0310	Fri	Russian diplo/intel. Header: 11166 60146 00000 21057 02609	FSK 200/1000	(PY)
F06	9417	21-5	0320	Fri	Russian diplo/intel. Header: 11166 60146 00000 21057 02609	FSK 200/1000	(PY)
F06	13836	21-5	0700	Fri	Russian diplo/intel. 11166 70202 57924 21037 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11163	21-5	0710	Fri	Russian diplo/intel. 11166 70202 57924 21037 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9271	21-5	0720	Fri	Russian diplo/intel. 11166 70202 57924 21037 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	12211	22-5	1405	Sat	Russian diplo/intel. 11100 00000 92367 21035 02399 ... 33755 86613 52370 00000 00000	FSK/200/1000	(MPJ)
F06	19323	23-5	1530	Sun	Russian diplo/intel. 11166 10053 15936 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	17536	23-5	1540	Sun	Russian diplo/intel. 11166 10053 15936 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)

F06	14356	23-5	1550	Sun	Russian diplo/intel. 11166 10053 15936 23001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MP)
F06	13370	24-5	0200	Mon	Russian diplo/intel. Header: 11100 60146 00000 24058 02599 (note: 11100 instead of 11166)	FSK 200/1000	(PY)
F06	11538	24-5	0210	Mon	Russian diplo/intel. No recording or decode available	FSK 200/1000	(PY)
F06	10614	24-5	0220	Mon	Russian diplo/intel. No recording or decode available, late tune up and immediate start	FSK 200/1000	(PY)
F06	11563	24-5	0300	Mon	Russian diplo/intel. 2 blocks, 1 message starting at block #1, block #1 filled with zeroes, no usual header, looped for 1m30s	FSK 200/1000	(PY)
F06	11563	24-5	0301	Mon	Russian diplo/intel. Carrier for 1 min, then 00000 (2 blocks, 1 message starting at block #1, block #1 filled with zeroes, no usual header), looped for 50s. Then carrier until 0307 UTC	FSK 200/1000	(PY)
F06	10216	24-5	0308	Mon	Russian diplo/intel. Carrier only until 0312 UTC	FSK 200/1000	(PY)
F06	10216	24-5	0312	Mon	Russian diplo/intel. Header: 11166 60146 00000 24058 02599 repeat of 0200 UTC except 11100, late start, abruptly cut off mid-message at 0319 UTC	FSK 200/1000	(PY)
F06	9417	24-5	0320	Mon	Russian diplo/intel. Header: 11166 60146 00000 24058 02599 repeat of 0312 UTC, late start	FSK 200/1000	(PY)
F06	13836	24-5	0700	Mon	Russian diplo/intel. Header: 11166 70202 85421 21089 02339	FSK 200/1000	(AB-RUS)
F06	11163	24-5	0710	Mon	Russian diplo/intel. Header: 11166 70202 85421 21089 02339	FSK 200/1000	(AB)
F06	9271	24-5	0720	Mon	Russian diplo/intel. Header: 11166 70202 85421 21089 02339	FSK 200/1000	(AB)
F06	12194	24-5	1200	Mon	Russian diplo/intel. Header: 11166 70202 85421 21089 02339	FSK 200/1000	(AB)
F06	10523	24-5	1210	Mon	Russian diplo/intel. Header: 11166 70202 85421 21089 02339	FSK 200/1000	(AB)
F06	8129	24-5	1220	Mon	Russian diplo/intel. Header: 11166 70202 85421 21089 02339	FSK 200/1000	(AB)
F06	11126	25-5	0030	Tue	Russian diplo/intel. 11166 60070 78541 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	10292	25-5	0040	Tue	Russian diplo/intel. 11166 60070 78541 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9240	25-5	0050	Tue	Russian diplo/intel. 11166 60070 78541 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13370	25-5	0200	Tue	Russian diplo/intel. Header: 11166 60146 00000 25059 02619	FSK 200/1000	(PY)
F06	11538	25-5	0210	Tue	Russian diplo/intel. Header: 11166 60146 00000 25059 02619	FSK 200/1000	(PY)
F06	10614	25-5	0220	Tue	Russian diplo/intel. Header: 11166 60146 00000 25059 02619	FSK 200/1000	(PY)
F06	11563	25-5	0300	Tue	Russian diplo/intel. Header: 11166 60146 00000 25059 02619	FSK 200/1000	(PY)
F06	10216	25-5	0310	Tue	Russian diplo/intel. Header: 11166 60146 00000 25059 02619	FSK 200/1000	(PY)
F06	9417	25-5	0320	Tue	Russian diplo/intel. Header: 11166 60146 00000 25059 02619	FSK 200/1000	(PY)
F06	13836	25-5	0700	Tue	Russian diplo/intel. Headers: 11166 70202 47391 24090 01499 and 11166 70202 29713 24091 02259	FSK 200/1000	(AB)
F06	11163	25-5	0710	Tue	Russian diplo/intel. Headers: 11166 70202 47391 24090 01499 and 11166 70202 29713 24091 02259	FSK 200/1000	(AB)
F06	9271	25-5	0720	Tue	Russian diplo/intel. Headers: 11166 70202 47391 24090 01499 and 11166 70202 29713 24091 02259	FSK 200/1000	(AB)
F06	12194	25-5	1200	Tue	Russian diplo/intel. Headers: 11166 70202 47391 24090 01499 and 11166 70202 29713 24091 02259	FSK 200/1000	(AB)
F06	10523	25-5	1210	Tue	Russian diplo/intel. Headers: 11166 70202 47391 24090 01499 and 11166 70202 29713 24091 02259	FSK 200/1000	(AB)
F06	8129	25-5	1220	Tue	Russian diplo/intel. Headers: 11166 70202 47391 24090 01499 and 11166 70202 29713 24091 02259	FSK 200/1000	(AB)
F06	19214	25-5	1650	Tue	Russian diplo/intel. 11166 10053 17935 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	17419	25-5	1700	Tue	Russian diplo/intel. 11166 10053 17935 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	14443	25-5	1710	Tue	Russian diplo/intel. 11166 10053 17935 25001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13370	26-5	0200	Wed	Russian diplo/intel. Header: 11166 60146 00000 26060 03139	FSK 200/1000	(PY)
F06	11538	26-5	0210	Wed	Russian diplo/intel. Header: 11166 60146 00000 26060 03139	FSK 200/1000	(PY)
F06	10614	26-5	0220	Wed	Russian diplo/intel. Header: 11166 60146 00000 26060 03139	FSK 200/1000	(PY)
F06	11563	26-5	0300	Wed	Russian diplo/intel. Header: 11166 60146 00000 26060 03139	FSK 200/1000	(PY)
F06	10216	26-5	0310	Wed	Russian diplo/intel. Header: 11166 60146 00000 26060 03139	FSK 200/1000	(PY)
F06	9417	26-5	0320	Wed	Russian diplo/intel. Header: 11166 60146 00000 26060 03139	FSK 200/1000	(PY)
F06	17420	26-5	0600	Wed	Russian diplo/intel. 11166 40122 29317 22049 03359	FSK 200/1000	(AB-RUS)
F06	15673	26-5	0610	Wed	Russian diplo/intel. 11166 40122 29317 22049 03359	FSK 200/1000	(AB-RUS)

F06	13361	26-5	0620	Wed	Russian diplo/intel. 11166 40122 29317 22049 03359	FSK 200/1000	(AB-RUS)
F06	13836	26-5	0700	Wed	Russian diplo/intel. Header: 11166 70202 36957 25092 02119	FSK 200/1000	(AB-RUS)
F06	11163	26-5	0710	Wed	Russian diplo/intel. Header: 11166 70202 36957 25092 02119	FSK 200/1000	(AB)
F06	9271	26-5	0720	Wed	Russian diplo/intel. Header: 11166 70202 36957 25092 02119	FSK 200/1000	(AB)
F06	15784	26-5	0800	Wed	Russian diplo/intel. Header: 11166 00052 15963 26085 01859	FSK 200/1000	(AB)
F06	13849	26-5	0810	Wed	Russian diplo/intel. Header: 11166 00052 15963 26085 01859	FSK 200/1000	(AB)
F06	11646	26-5	0820	Wed	Russian diplo/intel. Header: 11166 00052 15963 26085 01859	FSK 200/1000	(AB)
F06	12194	26-5	1200	Wed	Russian diplo/intel. Header: 11166 70202 36957 25092 02119	FSK 200/1000	(AB)
F06	10523	26-5	1210	Wed	Russian diplo/intel. Header: 11166 70202 36957 25092 02119	FSK 200/1000	(AB)
F06	8129	26-5	1220	Wed	Russian diplo/intel. Header: 11166 70202 36957 25092 02119	FSK 200/1000	(AB)
F06	13370	27-5	0200	Thu	Russian diplo/intel. Header: 11166 60146 00000 27061 02909	FSK 200/1000	(PY)
F06	11538	27-5	0210	Thu	Russian diplo/intel. Header: 11166 60146 00000 27061 02909	FSK 200/1000	(PY)
F06	10614	27-5	0220	Thu	Russian diplo/intel. Header: 11166 60146 00000 27061 02909	FSK 200/1000	(PY)
F06	11563	27-5	0300	Thu	Russian diplo/intel. Header: 11166 60146 00000 27061 02909	FSK 200/1000	(PY)
F06	10216	27-5	0310	Thu	Russian diplo/intel. Header: 11166 60146 00000 27061 02909	FSK 200/1000	(PY)
F06	9417	27-5	0320	Thu	Russian diplo/intel. Header: 11166 60146 00000 27061 02909	FSK 200/1000	(PY)
F06	17420	27-5	0600	Thu	Russian diplo/intel. 11166 40122 29317 22049 03359	FSK 200/1000	(AB-RUS)
F06	15673	27-5	0610	Thu	Russian diplo/intel. 11166 40122 29317 22049 03359	FSK 200/1000	(AB-RUS)
F06	13361	27-5	0620	Thu	Russian diplo/intel. 11166 40122 29317 22049 03359	FSK 200/1000	(AB-RUS)
F06	13836	27-5	0700	Thu	Russian diplo/intel. Headers: 11166 70202 15937 26093 01759 and 11166 70202 26485 26094 02119	FSK 200/1000	(AB)
F06	11163	27-5	0710	Thu	Russian diplo/intel. Headers: 11166 70202 15937 26093 01759 and 11166 70202 26485 26094 02119	FSK 200/1000	(AB)
F06	9271	27-5	0720	Thu	Russian diplo/intel. Headers: 11166 70202 15937 26093 01759 and 11166 70202 26485 26094 02119	FSK 200/1000	(AB)
F06	15784	27-5	0800	Thu	Russian diplo/intel. Header: 11166 00052 15963 26085 01859	FSK 200/1000	(AB)
F06	13849	27-5	0810	Thu	Russian diplo/intel. Header: 11166 00052 15963 26085 01859	FSK 200/1000	(AB)
F06	11646	27-5	0820	Thu	Russian diplo/intel. Header: 11166 00052 15963 26085 01859	FSK 200/1000	(AB)
F06	12194	27-5	1200	Thu	Russian diplo/intel. Headers: 11166 70202 15937 26093 01759 and 11166 70202 26485 26094 02119	FSK 200/1000	(AB)
F06	10523	27-5	1210	Thu	Russian diplo/intel. Headers: 11166 70202 15937 26093 01759 and 11166 70202 26485 26094 02119	FSK 200/1000	(AB)
F06	8129	27-5	1220	Thu	Russian diplo/intel. Headers: 11166 70202 15937 26093 01759 and 11166 70202 26485 26094 02119	FSK 200/1000	(AB)
F06	16328	27-5	1330	Thu	Russian diplo/intel. 11166 80214 32564 27067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	14358	27-5	1340	Thu	Russian diplo/intel. 11166 80214 32564 27067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11146	27-5	1350	Thu	Russian diplo/intel. 11166 80214 32564 27067 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	13370	28-5	0200	Fri	Russian diplo/intel. Header: 11166 60146 00000 28062 03029	FSK 200/1000	(PY)
F06	11538	28-5	0210	Fri	Russian diplo/intel. Header: 11166 60146 00000 28062 03029	FSK 200/1000	(PY)
F06	10614	28-5	0220	Fri	Russian diplo/intel. Header: 11166 60146 00000 28062 03029	FSK 200/1000	(PY)
F06	11563	28-5	0300	Fri	Russian diplo/intel. Header: 11166 60146 00000 28062 03029	FSK 200/1000	(PY)
F06	10216	28-5	0310	Fri	Russian diplo/intel. Header: 11166 60146 00000 28062 03029	FSK 200/1000	(PY)
F06	9417	28-5	0320	Fri	Russian diplo/intel. Header: 11166 60146 00000 28062 03029	FSK 200/1000	(PY)
F06	13836	28-5	0700	Fri	Russian diplo/intel. 11166 70202 54796 28056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	11163	28-5	0710	Fri	Russian diplo/intel. 11166 70202 54796 28056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	9271	28-5	0720	Fri	Russian diplo/intel. 11166 70202 54796 28056 00049 00000 00000 00000 00000	FSK 200/1000	(AB)
F06	19323	30-5	1530	Sun	Russian diplo/intel. 11166 10053 15973 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	17536	30-5	1540	Sun	Russian diplo/intel. 11166 10053 15973 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB-RUS/MPJ)
F06	14356	30-5	1550	Sun	Russian diplo/intel. 11166 10053 15973 30001 00049 00000 00000 00000 00000	FSK 200/1000	(AB/MPJ)
F06	13370	31-5	0200	Mon	Russian diplo/intel. Header: 11166 60146 00000 31063 03059	FSK 200/1000	(PY)

F06	11538	31-5	0210	Mon	Russian diplo/intel. Header: 11166 60146 00000 31063 03059	FSK 200/1000	(PY)
F06	10614	31-5	0220	Mon	Russian diplo/intel. Header: 11166 60146 00000 31063 03059	FSK 200/1000	(PY)
F06	11563	31-5	0300	Mon	Russian diplo/intel. Header: 11166 60146 00000 31063 03059	FSK 200/1000	(PY)
F06	10216	31-5	0310	Mon	Russian diplo/intel. Header: 11166 60146 00000 31063 03059	FSK 200/1000	(PY)
F06	9417	31-5	0320	Mon	Russian diplo/intel. Header: 11166 60146 00000 31063 03059	FSK 200/1000	(PY)
F06	13836	31-5	0700	Mon	Russian diplo/intel. Header: 11166 70202 65327 28095	FSK 200/1000	(AB)
F06	11163	31-5	0710	Mon	Russian diplo/intel. Header: 11166 70202 65327 28095	FSK 200/1000	(AB)
F06	9271	31-5	0720	Mon	Russian diplo/intel. Header: 11166 70202 65327 28095	FSK 200/1000	(AB)
F06	12194	31-5	1200	Mon	Russian diplo/intel. Header: 11166 70202 65327 28095	FSK 200/1000	(AB)
F06	10523	31-5	1210	Mon	Russian diplo/intel. Header: 11166 70202 65327 28095	FSK 200/1000	(AB)
F06	8129	31-5	1220	Mon	Russian diplo/intel. Header: 11166 70202 65327 28095	FSK 200/1000	(AB)
F06a	18626	1-5	2100	Sat	Russian diplo/intel. File 04466 (976 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	1-5	2115	Sat	Russian diplo/intel. File 04466 (976 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	1-5	2130	Sat	Russian diplo/intel. File 04466 (976 bytes)	FSK 200/1000	(AB-RUS)
F06a	18626	2-5	2100	Sun	Russian diplo/intel. File 04466 (976 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	2-5	2115	Sun	Russian diplo/intel. File 04466 (976 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	14440	2-5	2130	Sun	Russian diplo/intel. File 04466 (976 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	7397	6-5	0400	Thu	Russian diplo/intel. File 04473 (1456 bytes)	FSK 200/1000	(AB)
F06a	6885	6-5	0414	Thu	Russian diplo/intel. File 04473 (1456 bytes)	FSK 200/1000	(AB)
F06a	5296	6-5	0430	Thu	Russian diplo/intel. File 04473 (1456 bytes)	FSK 200/1000	(AB)
F06a	7397	7-5	0400	Fri	Russian diplo/intel. File 04473 (1456 bytes)	FSK 200/1000	(AB)
F06a	6885	7-5	0414	Fri	Russian diplo/intel. File 04473 (1456 bytes)	FSK 200/1000	(AB)
F06a	5296	7-5	0430	Fri	Russian diplo/intel. File 04473 (1456 bytes)	FSK 200/1000	(AB)
F06a	18626	8-5	2100	Sat	Russian diplo/intel. File 04467 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	8-5	2115	Sat	Russian diplo/intel. File 04467 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	8-5	2130	Sat	Russian diplo/intel. File 04467 (1024 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	18626	9-5	2100	Sun	Russian diplo/intel. File 04467 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	9-5	2115	Sun	Russian diplo/intel. File 04467 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	9-5	2130	Sun	Russian diplo/intel. File 04467 (1024 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	7397	13-5	0400	Thu	Russian diplo/intel. File 04474 (1024 bytes)	FSK 200/1000	(AB)
F06a	6885	13-5	0414	Thu	Russian diplo/intel. File 04474 (1024 bytes)	FSK 200/1000	(AB)
F06a	5296	13-5	0430	Thu	Russian diplo/intel. File 04474 (1024 bytes)	FSK 200/1000	(AB)
F06a	7397	14-5	0400	Fri	Russian diplo/intel. File 04474 (1024 bytes)	FSK 200/1000	(AB)
F06a	6885	14-5	0414	Fri	Russian diplo/intel. File 04474 (1024 bytes)	FSK 200/1000	(AB)
F06a	5296	14-5	0430	Fri	Russian diplo/intel. File 04474 (1024 bytes)	FSK 200/1000	(AB)
F06a	18626	15-5	2100	Sat	Russian diplo/intel. File 04468 (1088 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	15-5	2115	Sat	Russian diplo/intel. File 04468 (1088 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	14440	15-5	2130	Sat	Russian diplo/intel. File 04468 (1088 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	18626	16-5	2100	Sun	Russian diplo/intel. File 04468 (1088 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	16-5	2115	Sun	Russian diplo/intel. File 04468 (1088 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	16-5	2130	Sun	Russian diplo/intel. File 04468 (1088 bytes)	FSK 200/1000	(AB-RUS)
F06a	7397	20-5	0400	Thu	Russian diplo/intel. File 04475 (1088 bytes)	FSK 200/1000	(AB)
F06a	6885	20-5	0414	Thu	Russian diplo/intel. File 04475 (1088 bytes)	FSK 200/1000	(AB)
F06a	5296	20-5	0430	Thu	Russian diplo/intel. File 04475 (1088 bytes)	FSK 200/1000	(AB)

F06a	7397	21-5	0400	Fri	Russian diplo/intel. File 04475 (1088 bytes)	FSK 200/1000	(AB)
F06a	6885	21-5	0414	Fri	Russian diplo/intel. File 04475 (1088 bytes)	FSK 200/1000	(AB)
F06a	5296	21-5	0430	Fri	Russian diplo/intel. File 04475 (1088 bytes)	FSK 200/1000	(AB)
F06a	18626	22-5	2100	Sat	Russian diplo/intel. File 04469 (1024 bytes)	FSK 200/1000	(AB-POL)
F06a	16245	22-5	2115	Sat	Russian diplo/intel. File 04469 (1024 bytes)	FSK 200/1000	(AB-POL)
F06a	14440	22-5	2130	Sat	Russian diplo/intel. File 04469 (1024 bytes)	FSK 200/1000	(AB-POL)
F06a	18626	23-5	2100	Sun	Russian diplo/intel. File 04469 (1024 bytes)	FSK 200/1000	(AB-POL/RL)
F06a	16245	23-5	2115	Sun	Russian diplo/intel. File 04469 (1024 bytes)	FSK 200/1000	(AB-POL)
F06a	14440	23-5	2130	Sun	Russian diplo/intel. File 04469 (1024 bytes)	FSK 200/1000	(AB-POL)
F06a	7397	27-5	0400	Thu	Russian diplo/intel. File 04476 (1328 bytes)	FSK 200/1000	(AB)
F06a	6885	27-5	0414	Thu	Russian diplo/intel. File 04476 (1328 bytes)	FSK 200/1000	(AB)
F06a	5296	27-5	0430	Thu	Russian diplo/intel. File 04476 (1328 bytes)	FSK 200/1000	(AB)
F06a	7397	28-5	0400	Fri	Russian diplo/intel. File 04476 (1328 bytes)	FSK 200/1000	(AB)
F06a	6885	28-5	0414	Fri	Russian diplo/intel. File 04476 (1328 bytes)	FSK 200/1000	(AB)
F06a	5296	28-5	0430	Fri	Russian diplo/intel. File 04476 (1328 bytes)	FSK 200/1000	(AB)
F06a	18626	29-5	2100	Sat	Russian diplo/intel. File 04470 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	29-5	2115	Sat	Russian diplo/intel. File 04470 (1024 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	14440	29-5	2130	Sat	Russian diplo/intel. File 04470 (1024 bytes)	FSK 200/1000	(AB-RUS/RL)
F06a	18626	30-5	2100	Sun	Russian diplo/intel. File 04470 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	16245	30-5	2115	Sun	Russian diplo/intel. File 04470 (1024 bytes)	FSK 200/1000	(AB-RUS)
F06a	14440	30-5	2130	Sun	Russian diplo/intel. File 04470 (1024 bytes)	FSK 200/1000	(AB-RUS)
HM01	11435	1-5	1558	Sat	47732 88341 44163 71863 33616 20801	AM/RDFT	(RR2)
HM01	11435	1-5	1628	Sat	47732 88341 44163 71863 33616 20801 Files 13114773.TXT 24608834.TXT 54414416.TXT 61107186.TXT 36443361.F1G 62062080.TXT	AM/RDFT	(AB-USA)
HM01	11530	1-5	1658	Sat	47732 88341 44163 71863 33616 20801	AM/RDFT	(AB-USA)
HM01	11530	1-5	1658	Sat	47732 88341 44163 71863 33616 20801 should be on 11635 kHz	AM/RDFT	(AB-USA)
HM01	11435	2-5	1558	Sun	47733 88342 44164 71864 33617 20801 Files 13114773.TXT 24608834.TXT 54414416.TXT 61107186.TXT 36443361.F1G 62062080.TXT	AM/RDFT	(AB-USA)
HM01	11435	2-5	1630	Sun	47733 88342 44164 71864 33617 20801	AM/RDFT	(RR2)
HM01	11435	3-5	1601	Mon	Txm came on the air while already in progress 47733 88342 44164 71864 33617 20801 (repeat of 2 May)	AM/RDFT	(AB-USA/RR2)
HM01	11435	3-5	1757	Mon	47733 88342 44164 71864 33617 20801 (repeat of 2 May)	AM/RDFT	(AB-USA)
HM01	11435	4-5	1613	Tue	i.p. 47733 88342 44164 71864 33617 20801 (repeat of 2 May)	AM/RDFT	(RR2)
HM01	11530	4-5	1658	Tue	47733 88342 44164 71864 33617 20801 (repeat of 2 May)	AM/RDFT	(AB-USA)
HM01	11435	5-5	1558	Wed	Restart at 1603 UTC. Repeat of 29 April. 47731 40017 44161 71861 33614 77458	AM/RDFT	(AB-USA/RR2)
HM01	11635	5-5	1758	Wed	47731 40017 44161 71861 33614 77458 (repeat of 29 April)	AM/RDFT	(AB-USA/RR2)
HM01	11635	5-5	2057	Wed	47731 40017 44161 71861 33614 77458 (repeat of 29 April)	AM/RDFT	(HS)
HM01	11435	6-5	1558	Thu	47731 40017 44161 71861 33614 77458 (repeat of 29 April)	AM/RDFT	(AB-USA)
HM01	11530	6-5	1658	Thu	47731 40017 44161 71861 33614 77458 (repeat of 29 April)	AM/RDFT	(AB-USA)
HM01	11530	6-5	1727	Thu	47731 40017 44161 71861 33614 77458 (repeat of 29 April)	AM/RDFT	(RR2)
HM01	11435	7-5	1558	Fri	47731 40017 44161 71861 33614 77458 (repeat of 29 April)	AM/RDFT	(AB-USA/RR2)
HM01	11435	8-5	1628	Sat	47733 88342 44164 71864 33617 20801 (repeat of 2 May)	AM/RDFT	(AB-USA)
HM01	11530	8-5	1658	Sat	47733 88342 44164 71864 33617 20801 (repeat of 2 May)	AM/RDFT	(RR2)
HM01	17480	8-5	2159	Sat	47733 88342 44164 71864 33617 20801 (repeat of 2 May)	AM/RDFT	(RL)
HM01	11634	9-5	1600	Sun	47733 88342 44164 71864 33617 20801 (repeat of 2 May)	AM/RDFT	(RR2)

HM01	11530	9-5	1713	Sun	47733 88342 44164 71864 33617 20801 (repeat of 2 May) Late start	AM/RDFT	(AB-USA)
HM01	11435	10-5	1558	Mon	23253 65481 74303 26874 30056 44161 Files 21082325.TXT 04806548.TXT 77787430.TXT 04806548.TXT 23252687.TXT 84023005.TXT	AM/RDFT	(AB-USA)
HM01	11435	10-5	1630	Mon	23253 65481 74303 26874 30056 44161	AM/RDFT	(RR2)
HM01	11435	11-5	1558	Tue	23254 65482 74304 26875 30057 44162	AM/RDFT	(RR2)
HM01	11530	11-5	1658	Tue	23254 65482 74304 26875 30057 44162 Files 21082325.TXT 04806548.TXT 77787430.TXT 23252687.TXT 84023005.TXT 36514416.F1G	AM/RDFT	(AB-USA)
HM01	11435	12-5	1558	Wed	23253 65481 74303 26874 30056 44161 (repeat of 10 May)	AM/RDFT	(AB-USA/RR2)
HM01	11635	12-5	1801	Wed	Two of the same transmissions mixing. Normal after two groups. 23253 65481 74303 26874 30056 44161 (re- peat of 10 May) + RDFT files	AM/RDFT	(AB-USA)
HM01	11635	12-5	2059	Wed	23253 65481 74303 26874 30056 44161 (repeat of 10 May)	AM/RDFT	(AB-USA)
HM01	11435	13-5	1558	Thu	23253 65481 74303 26874 30056 44161 (repeat of 10 May)	AM/RDFT	(AB-USA/RR2)
HM01	11530	13-5	1658	Thu	23253 65481 74303 26874 30056 44161 (repeat of 10 May)	AM/RDFT	(AB-USA)
HM01	16180	13-5	2100	Thu	Carrier only	AM	(HS)
HM01	17480	13-5	2200	Thu	Carrier only	AM	(HS)
HM01	11435	14-5	1558	Fri	23259 65487 43631 15041 83402 44167 off at 1602z back at 1604z in mid message. Files 21082325.TXT 04806548.TXT 66344363.TXT 08541504.TXT 85188340.TXT 36514416.F1G	AM/RDFT	(AB-USA)
HM01	11635	14-5	2058	Fri	23259 65487 43631 15041 83402 44167	AM/RDFT	(RR2)
HM01	11435	15-5	1558	Sat	23259 65487 43631 15041 83402 44167 (repeat of 14 May)	AM/RDFT	(AB-USA/RR2)
HM01	11435	16-5	1558	Sun	23259 65487 43631 15041 83402 44167 (repeat of 14 May)	AM/RDFT	(AB-USA)
HM01	11530	16-5	1658	Sun	23259 65487 43631 15041 83402 44167 (repeat of 14 May)	AM/RDFT	(RR2)
HM01	11435	17-5	1600	Mon	23259 65487 43631 15041 83402 44167 (repeat of 14 May)	AM/RDFT	(RR2)
HM01	11435	17-5	1627	Mon	23259 65487 43631 15041 83402 44167 (repeat of 14 May)	AM/RDFT	(AB-USA)
HM01	11435	18-5	1557	Tue	23259 65487 43631 15041 83402 44167 (repeat of 14 May)	AM/RDFT	(AB-USA/RR2)
HM01	11435	19-5	1558	Wed	80463 57733 43634 15045 83406 40721 Files 72068046.TXT 81215773.TXT 66344363.TXT 08541504.TXT 85188340.TXT 87144072.TXT	AM/RDFT	(AB-USA)
HM01	11530	19-5	1712	Wed	80463 57733 43634 15045 83406 40721	AM/RDFT	(RR2)
HM01	11435	20-5	1602	Thu	Late start. Briefly Radio Habana Cuba, then HM01 already in progress: 80463 57733 43634 15045 83406 40721 (repeat of 19 May)	AM/RDFT	(AB-USA/RR2)
HM01	11435	21-5	1603	Fri	Started already in progress: 80463 57733 43634 15045 83406 40721 (repeat of 19 May)	AM/RDFT	(AB-USA/RR2)
HM01	11435	22-5	1600	Sat	80463 57733 43634 15045 83406 40721 (repeat of 19 May)	AM/RDFT	(AB-USA/RR2)
HM01	11435	23-5	1600	Sun	80463 57733 43634 15045 83406 40721 (repeat of 19 May)	AM/RDFT	(AB-USA/RR2)
HM01	11435	24-5	1600	Mon	80463 57733 43634 15045 83406 40721 (repeat of 19 May)	AM/RDFT	(AB-USA/RR2)
HM01	11530	25-5	1655	Tue	47733 88342 44164 71864 33617 20801 (Repeat of 2 May)	AM/RDFT	(AB-USA)
HM01	11530	25-5	1700	Tue	81831 57739 60282 07162 15243 40727 Files 77728183.TXT 81215773.TXT 70486028.TXT 88010716.TXT 38841524.TXT 87144072.TXT	AM/RDFT	(AB-USA)
HM01	11635	25-5	1805	Tue	Late start 81831 57739 60282 07162 15243 40727 Files 77728183.TXT 81215773.TXT 70486028.TXT 88010716.TXT 38841524.TXT 87144072.TXT	AM/RDFT	(AB-USA/RR2)
HM01	11435	26-5	1603	Wed	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	11435	26-5	1604	Wed	Late start 81835 83434 60287 07167 32801 22783 Files 22133280.TXT 88010716.TXT 70486028.TXT 24362278.TXT 77728183.TXT 11378343.TXT	AM/RDFT	(AB-USA/RR2)
HM01	11435	26-5	1627	Wed	81835 83434 60287 07167 32801 22783	AM	(AB-USA/RR2)
HM01	11435	26-5	1630	Wed	47733 88342 44164 71864 33617 20801	AM/RDFT	(RR2)
HM01	11530	26-5	1658	Wed	81835 83434 60287 07167 32801 22783 Files 22133280.TXT 88010716.TXT 70486028.TXT 24362278.TXT 77728183.TXT 11378343.TXT	AM/RDFT	(AB-USA/RR2)

HM01	11530	26-5	1700	Wed	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	11530	26-5	1730	Wed	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	11530	26-5	1735	Wed	Late start 81835 83434 60287 07167 32801 22783	AM	(AB-USA/RR2)
HM01	11530	26-5	1739	Wed	47733 88342 44164 71864 33617 20801	AM/RDFT	(RR2)
HM01	11635	26-5	1800	Wed	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	11635	26-5	1800	Wed	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	16180	26-5	2130	Wed	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	11635	26-5	2131	Wed	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	17480	26-5	2208	Wed	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	14375	27-5	0558	Thu	81835 83434 60287 07167 32801 22783 (repeat of 26 May)	AM/RDFT	(AB-USA)
HM01	11530	27-5	1558	Thu	81835 83434 60287 07167 32801 22783 (repeat of 26 May)	AM/RDFT	(AB-USA)
HM01	11435	27-5	1600	Thu	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	11435	27-5	1618	Thu	i.p. 81835 83434 60287 07167 32801 22783 (repeat of 26 May)	AM/RDFT	(AB-USA)
HM01	11435	27-5	1630	Thu	47733 88342 44164 71864 33617 20801	AM/RDFT	(RR2)
HM01	16180	27-5	2100	Thu	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	16180	27-5	2100	Thu	81835 83434 60287 07167 32801 22783 (repeat of 26 May)	AM/RDFT	(RL)
HM01	16180	27-5	2130	Thu	47733 88342 44164 71864 33617 20801	AM/RDFT	(RR2)
HM01	17480	27-5	2200	Thu	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	17480	27-5	2230	Thu	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	11530	28-5	1700	Fri	47733 88342 44164 71864 33617 20801	AM/RDFT	(RR2)
HM01	11530	28-5	1730	Fri	47733 88342 44164 71864 33617 20801	AM/RDFT	(RR2)
HM01	16180	28-5	2100	Fri	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	17480	28-5	2230	Fri	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	11530	29-5	1700	Sat	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	11635	29-5	1800	Sat	81835 83434 60287 07167 32801 22783	AM/RDFT	(RR2)
HM01	11635	29-5	1836	Sat	i.p. 81835 83434 60287 07167 32801 22783 (repeat of 26 May)	AM/RDFT	(AB-USA)
HM01	11435	30-5	1600	Sun	81837 83436 05301 88031 32802 22785 Files 77728183.TXT 11378343.TXT 38610530.TXT 50128803.F1C 22133280.TXT 24362278.TXT	AM/RDFT	(AB-USA)
HM01	11435	30-5	1600	Sun	81837 83436 05301 88031 32802 22785	AM/RDFT	(RR2)
HM01	11435	31-5	1630	Mon	47733 88342 44164 71864 33617 20801	AM/RDFT	(RR2)
HM01	11635	31-5	1800	Mon	58641 83437 05302 88032 32803 22786	AM/RDFT	(RR2)
HM01	11635	31-5	1830	Mon	51641 83437 05302 88032 32803 22786	AM/RDFT	(HS)
M01	6435	1-5	1500	Sat	025 819 819 30 30 == 58116 95163 30645 ... 77127 88122 43850 == 819 819 30 30 000	CW	(AB/MPJ/HFD)
M01	6780	2-5	0700	Sun	025 855 855 30 30 == 67327 68976 07710 ... 75608 79849 41595 == 855 855 30 30 000	CW	(AB/ES)
M01	5280	4-5	1800	Tue	025 244 244 30 30 == 08000 37888 73260 ... 35635 38965 49965 == 244 244 30 30 000	CW	(AB/MPJ/HFD)
M01	4905	4-5	2000	Tue	025 257 257 30 30 == 77291 29374 08331 ... 77481 34817 58047 == 257 257 30 30 000	CW	(AB/HFD)
M01	5280	6-5	1800	Thu	025 729 729 30 30 == 49440 72533 03866 ... 57124 30929 47471 == 729 729 30 30 000	CW	(AB/MPJ)
M01	4905	6-5	2000	Thu	025 748 748 30 30 == 54507 07091 60845 ... 67614 49634 31257 == 748 748 30 30 000	CW	(AB)
M01	6435	8-5	1500	Sat	025 543 543 30 30 == 15624 20042 15397 ... 12510 93097 18467 == 543 543 30 30 000	CW	(AB)
M01	6780	9-5	0700	Sun	025 594 594 30 30 == 30626 19980 82692 ... 65482 97689 55150 = 594 594 30 30 000	CW	(AB/HFD)
M01	5280	11-5	1800	Tue	025 536 536 30 30 == 38573 43971 10835 ... 32416 19765 92253 == 536 536 30 30 000 Sent 29 groups	CW	(AB/MPJ)
M01	4905	11-5	2000	Tue	025 423 423 30 == 78223 09543 46321 ... 45358 71604 39910 == 423 423 30 30 000	CW	(AB)
M01	5280	13-5	1800	Thu	025 738 738 30 30 == 47092 28658 65530 ... 58841 86644 95578 == 738 738 30 30 000	CW	(MPJ)

M01	4905	13-5	2000	Thu	025 (sometimes 205 or 25) 745 745 30 = = 34679 12206 85001 ... 11878 12666 82440 = = 745 745 00 30 30 000	CW	(AB)
M01	6435	15-5	1500	Sat	025 738 738 30 30 = = 47092 28658 65530 ... 58851 86644 95578 738 738 30 30 000	CW	(AB/MPJ)
M01	6780	16-5	0655	Sun	VVV VVV = = then at 0700 UTC: 025 (sometimes 250) 397 397 30 30 = = 99696 82352 28260 ... 79517 30723 07630 = = 397 397 30 30 000	CW	(AB)
M01	5280	18-5	1800	Tue	025 913 913 30 30 = = 53525 15967 49951 ... 81430 32868 91543 = = 913 913 30 30 000	CW	(AB/MPJ-HOL)
M01	4905	18-5	2000	Tue	025 948 948 30 30 = = 88357 11428 60423 ... 29842 35451 59148 = = 948 948 30 30 000	CW	(AB)
M01	4905	20-5	2000	Thu	025 203 203 30 30 / / 57990 10833 16783 ... 63029 59337 39582 / / 203 203 30 30 000	CW	(AB)
M01	6435	22-5	1500	Sat	025 128 128 30 30 = = 88253 92690 18772 ... 35868 60906 62282 = = 128 128 30 30 000	CW	(AB/MPJ)
M01	5280	25-5	1800	Tue	025 (also 205 and 250) 496 496 30 30 = = 49082 77692 53253 ... 44352 99662 85121 = = 496 496 30 30 000	CW	(AB/MPJ)
M01	4905	25-5	2000	Tue	025 479 479 30 30 = = 40986 45341 87707 ... 55040 95262 49950 = = 479 479 30 30 000	CW	(AB)
M01	5280	27-5	1800	Thu	025 683 683 30 30 = = 19022 00957 01526 ... 68460 (68467) 52620 17336 = = 683 683 30 30 0 0	CW	(AB/MPJ)
M01	6435	29-5	1500	Sat	025 348 348 30 30 = = 35216 28982 56228 ... 79314 27739 25976 = = 348 348 30 30 000	CW	(AB)
M01	6780	30-5	0700	Sun	025 371 371 30 30 = = 32924 60516 67051 ... 88600 05256 49782 = = 371 371 30 30 000	CW	(AB)
M01a	5898	22-5	0747	Sat	273 273 273 51442 51442 273 272 273 52172 52172	CW	(F5JBR)
M12	10843	1-5	2100	Sat	822 822 822 1 2813 120 2813 120 36954 18675 08907 ... 53884 71245 19013 000 000	CW	(AB/HFD)
M12	10243	1-5	2120	Sat	822 822 822 1 2813 120 2813 120 36954 18675 08907 ... 53884 71245 19013 000 000	CW	(AB/HFD)
M12	9243	1-5	2140	Sat	822 822 822 1 2813 120 2813 120 36954 18675 08907 ... 53884 71245 19013 000 000	CW	(AB/HFD)
M12	10183	1-5	2210	Sat	199 199 199 1 493 102 493 102 27072 34715 51588 ... 88452 68421 93218 000 000	CW	(AB/HFD)
M12	9083	1-5	2230	Sat	199 199 199 1 493 102 493 102 27072 34715 51588 ... 88452 68421 93218 000 000	CW	(AB/HFD)
M12	8083	1-5	2250	Sat	199 199 199 1 493 102 493 102 27072 34715 51588 ... 88452 68421 93218 000 000	CW	(AB/HFD)
M12	16113	2-5	1600	Sun	188 188 188 000	CW	(AB/MPJ/HFD)
M12	15813	2-5	1620	Sun	188 188 188 000	CW	(AB/MPJ/HFD)
M12	14377	3-5	1300	Mon	317 317 317 1 7805 99 7805 99 00673 82176 12229 ... 10698 77819 12696 000 000	CW	(AB/HFD)
M12	13461	3-5	1320	Mon	317 317 317 1 7805 99 7805 99 00673 82176 12229 ... 10698 77819 12696 000 000	CW	(AB/HFD)
M12	12114	3-5	1340	Mon	317 317 317 1 7805 99 7805 99 00673 82176 12229 ... 10698 77819 12696 000 000	CW	(AB/HFD)
M12	13926	3-5	2000	Mon	573 573 573 000	CW	(AB/RL/HFD)
M12	13426	3-5	2020	Mon	573 573 573 000	CW	(AB/RL/HFD)
M12	13381	3-5	2110	Mon	317 317 317 1 2661 77 2661 77 84158 86826 95816 ... 52299 71801 48234 000 000	CW	(AB/RL/HFD)
M12	12181	3-5	2130	Mon	317 317 317 1 2661 77 2661 77 84158 86826 95816 ... 52299 71801 48234 000 000	CW	(AB/RL/HFD)
M12	10781	3-5	2150	Mon	317 317 317 1 2661 77 2661 77 84158 86826 95816 ... 52299 71801 48234 000 000	CW	(AB/RL/HFD)
M12	8161	4-5	0030	Tue	115 115 115 000	CW	(AB/HFD)
M12	9161	4-5	0050	Tue	115 115 115 000	CW	(AB/HFD)
M12	9317	4-5	0530	Tue	135 135 135 1 9901 110 9901 110 93462 13520 98005 ... 80807 82189 31460 000 000	CW	(AB/ES/HFD)
M12	10484	4-5	0550	Tue	135 135 135 1 9901 110 9901 110 93462 13520 98005 ... 80807 82189 31460 000 000	CW	(AB/ES/HFD)
M12	11552	4-5	0610	Tue	135 135 135 1 9901 110 9901 110 93462 13520 98005 ... 80807 82189 31460 000 000	CW	(AB/ES/HFD)
M12	13423	4-5	0700	Tue	411 411 411 1 5064 86 5064 86 16349 30484 11498 ... 95757 24636 98341 000 000	CW	(AB-RUS/HFD)
M12	12123	4-5	0720	Tue	411 411 411 1 5064 86 5064 86 16349 30484 11498 ... 95757 24636 98341 000 000	CW	(AB-RUS/HFD)
M12	11123	4-5	0740	Tue	411 411 411 1 5064 86 5064 86 16349 30484 11498 ... 95757 24636 98341 000 000	CW	(AB-RUS/HFD)
M12	14377	4-5	1200	Tue	317 317 317 1 3998 104 3998 104 39574 58614 83010 ... 99004 06096 37864 000 000	CW	(AB/ES/HFD)
M12	13461	4-5	1220	Tue	317 317 317 1 3998 104 3998 104 39574 58614 83010 ... 99004 06096 37864 000 000	CW	(AB/ES/HFD)
M12	12114	4-5	1240	Tue	317 317 317 1 3998 104 3998 104 39574 58614 83010 ... 99004 06096 37864 000 000	CW	(AB/ES/HFD)
M12	16113	5-5	1600	Wed	188 188 188 1 9078 95 9078 95 32299 00746 55645 ... 12287 27642 98594 000 000	CW	(AB/ES/MPJ)
M12	15813	5-5	1620	Wed	188 188 188 1 9078 95 9078 95 32299 00746 55645 ... 12287 27642 98594 000 000	CW	(AB/ES/MPJ)

M12	15813	5-5	1640	Wed	188 188 188 1 9078 95 9078 95 32299 00746 55645 ... 12287 27642 98594 000 000	CW	(AB/ES/MPJ)
M12	12162	5-5	1710	Wed	546 546 546 1 9783 110 9783 110 42062 62406 89166 ... 22454 57844 62152 000 000	CW	(AB)
M12	11566	5-5	1730	Wed	546 546 546 1 9783 110 9783 110 42062 62406 89166 ... 22454 57844 62152 000 000	CW	(AB)
M12	10711	5-5	1750	Wed	546 546 546 1 9783 110 9783 110 42062 62406 89166 ... 22454 57844 62152 000 000	CW	(AB)
M12	16194	5-5	1950	Wed	173 173 173 000	CW	(AB/RL/HFD)
M12	14794	5-5	2010	Wed	173 173 173 000	CW	(AB/RL/HFD)
M12	10183	5-5	2210	Wed	199 199 199 1 520 88 520 88 98102 58107 89017 ... 49372 17690 49609 000 000	CW	(RL)
M12	9083	5-5	2230	Wed	199 199 199 1 520 88 520 88 98102 58107 89017 ... 49372 17690 49609 000 000	CW	(RL)
M12	8083	5-5	2250	Wed	199 199 199 1 520 88 520 88 98102 58107 89017 ... 49372 17690 49609 000 000	CW	(AB/RL)
M12	13423	6-5	0700	Thu	411 411 411 1 5064 86 5064 86 16349 30484 11498 ... 95757 24636 98341 000 000	CW	(AB-RUS)
M12	12123	6-5	0720	Thu	411 411 411 1 5064 86 5064 86 16349 30484 11498 ... 95757 24636 98341 000 000	CW	(AB-RUS)
M12	11123	6-5	0740	Thu	411 411 411 1 5064 86 5064 86 16349 30484 11498 ... 95757 24636 98341 000 000	CW	(AB-RUS)
M12	12162	6-5	1700	Thu	546 546 546 1 6127 111 6127 111 54450 64525 31322 ... 29331 62579 51531 000 000	CW	(AB)
M12	11566	6-5	1720	Thu	546 546 546 1 6127 111 6127 111 54450 64525 31322 ... 29331 62579 51531 000 000	CW	(AB)
M12	10711	6-5	1740	Thu	546 546 546 1 6127 111 6127 111 54450 64525 31322 ... 29331 62579 51531 000 000	CW	(AB)
M12	12162	6-5	1800	Thu	546 546 546 1 6278 106 6278 106 55213 70064 36957 ... 19244 00056 29504 000 000	CW	(AB)
M12	11566	6-5	1820	Thu	546 546 546 1 6278 106 6278 106 55213 70064 36957 ... 19244 00056 29504 000 000	CW	(AB)
M12	10711	6-5	1840	Thu	546 546 546 1 6278 106 6278 106 55213 70064 36957 ... 19244 00056 29504 000 000	CW	(AB)
M12	13926	6-5	2000	Thu	573 573 573 000	CW	(AB/RL/ES)
M12	14377	6-5	2000	Thu	317 317 317 1 1577 108 1577 108 69760 09879 93828 ... 93590 75861 72052 000 000	CW	(AB/ES/HFD)
M12	13426	6-5	2020	Thu	573 573 573 000	CW	(AB/RL)
M12	13461	6-5	2020	Thu	317 317 317 1 1577 108 1577 108 69760 09879 93828 ... 93590 75861 72052 000 000	CW	(AB/RL/ES/HFD)
M12	12114	6-5	2040	Thu	317 317 317 1 1577 108 1577 108 69760 09879 93828 ... 93590 75861 72052 000 000	CW	(AB/RL/ES/HFD)
M12	13381	6-5	2110	Thu	317 317 317 1 2661 77 2661 77 84158 86826 95816 ... 52299 71801 48234 000 000	CW	(AB/RL)
M12	12181	6-5	2130	Thu	317 317 317 1 2661 77 2661 77 84158 86826 95816 ... 52299 71801 48234 000 000	CW	(AB/RL)
M12	10781	6-5	2150	Thu	317 317 317 1 2661 77 2661 77 84158 86826 95816 ... 52299 71801 48234 000 000	CW	(AB/RL)
M12	8161	7-5	0030	Fri	115 115 115 000	CW	(AB)
M12	9161	7-5	0050	Fri	115 115 115 000	CW	(AB)
M12	16194	7-5	1950	Fri	173 173 173 000	CW	(AB)
M12	14794	7-5	2010	Fri	173 173 173 000	CW	(AB)
M12	10843	7-5	2100	Fri	822 822 822 1 2813 120 2813 120 36954 18675 08907 ... 53884 71245 19013 000 000	CW	(AB/RL)
M12	10243	7-5	2120	Fri	822 822 822 1 2813 120 2813 120 36954 18675 08907 ... 53884 71245 19013 000 000	CW	(AB/RL)
M12	9243	7-5	2140	Fri	822 822 822 1 2813 120 2813 120 36954 18675 08907 ... 53884 71245 19013 000 000	CW	(AB/RL)
M12	10843	8-5	2100	Sat	822 822 822 1 2813 120 2813 120 36954 18675 08907 ... 53884 71245 19013 000 000	CW	(AB/RL)
M12	10243	8-5	2120	Sat	822 822 822 1 2813 120 2813 120 36954 18675 08907 ... 53884 71245 19013 000 000	CW	(AB/RL)
M12	9243	8-5	2140	Sat	822 822 822 1 2813 120 2813 120 36954 18675 08907 ... 53884 71245 19013 000 000	CW	(AB/RL)
M12	10183	8-5	2210	Sat	199 199 199 1 520 88 520 88 98102 58107 89017 ... 49372 17690 49609 000 000	CW	(RL)
M12	9083	8-5	2230	Sat	199 199 199 1 520 88 520 88 98102 58107 89017 ... 49372 17690 49609 000 000	CW	(AB/RL)
M12	8083	8-5	2250	Sat	199 199 199 1 520 88 520 88 98102 58107 89017 ... 49372 17690 49609 000 000	CW	(AB/RL)
M12	16113	9-5	1600	Sun	188 188 188 1 9078 95 9078 95 32299 00746 55645 ... 12287 27642 98594 000 000	CW	(AB/MPJ)
M12	15813	9-5	1620	Sun	188 188 188 1 9078 95 9078 95 32299 00746 55645 ... 12287 27642 98594 000 000	CW	(AB/MPJ)
M12	15813	9-5	1640	Sun	188 188 188 1 9078 95 9078 95 32299 00746 55645 ... 12287 27642 98594 000 000	CW	(AB/MPJ)
M12	14377	10-5	1300	Mon	317 317 317 317 1 4643 95 4643 95 71230 33151 75470 ...87859 99072 68176 000 000	CW	(AB)
M12	13461	10-5	1320	Mon	317 317 317 317 1 4643 95 4643 95 71230 33151 75470 ...87859 99072 68176 000 000	CW	(AB)

M12	12114	10-5	1340	Mon	317 317 317 317 1 4643 95 4643 95 71230 33151 75470 ...87859 99072 68176 000 000	CW	(AB)
M12	13926	10-5	2000	Mon	573 573 573 1 221 33 221 33 23248 00308 77284 ... 29576 67063 21821 000 000	CW	(AB/RL)
M12	13426	10-5	2020	Mon	573 573 573 1 221 33 221 33 23248 00308 77284 ... 29576 67063 21821 000 000	CW	(AB/RL)
M12	11526	10-5	2040	Mon	573 573 573 1 221 33 221 33 23248 00308 77284 ... 29576 67063 21821 000 000	CW	(AB/RL)
M12	13381	10-5	2110	Mon	317 317 317 000	CW	(AB/RL)
M12	12181	10-5	2130	Mon	317 317 317 000	CW	(AB/RL)
M12	8161	11-5	0030	Tue	115 115 115 1 8791 115 8791 115 47938 27479 48470 ... 99240 12939 80449 000 000	CW	(AB)
M12	9161	11-5	0050	Tue	115 115 115 1 8791 115 8791 115 47938 27479 48470 ... 99240 12939 80449 000 000	CW	(AB)
M12	10561	11-5	0110	Tue	115 115 115 1 8791 115 8791 115 47938 27479 48470 ... 99240 12939 80449 000 000	CW	(AB)
M12	9317	11-5	0530	Tue	135 135 135 1 8303 108 8303 108 64832 73605 36872 ... 97344 11653 17772 000 000	CW	(AB)
M12	10484	11-5	0550	Tue	135 135 135 1 8303 108 8303 108 64832 73605 36872 ... 97344 11653 17772 000 000	CW	(AB)
M12	11552	11-5	0610	Tue	135 135 135 1 8303 108 8303 108 64832 73605 36872 ... 97344 11653 17772 000 000	CW	(AB)
M12	13423	11-5	0700	Tue	411 411 411 1 175 32 175 32 43584 60956 18673 ... 84953 06043 52313 000 000	CW	(AB-RUS)
M12	12123	11-5	0720	Tue	411 411 411 1 175 32 175 32 43584 60956 18673 ... 84953 06043 52313 000 000	CW	(AB-RUS)
M12	11123	11-5	0740	Tue	411 411 411 1 175 32 175 32 43584 60956 18673 ... 84953 06043 52313 000 000	CW	(AB-RUS)
M12	14377	11-5	1200	Tue	317 317 317 1 1297 101 1297 101 68103 43752 30791 ... 47585 30481 30969 000 000	CW	(AB/MPJ)
M12	13461	11-5	1220	Tue	317 317 317 1 1297 101 1297 101 68103 43752 30791 ... 47585 30481 30969 000 000	CW	(AB/MPJ)
M12	12114	11-5	1240	Tue	317 317 317 1 1297 101 1297 101 68103 43752 30791 ... 47585 30481 30969 000 000	CW	(AB/MPJ)
M12	16113	12-5	1600	Wed	188 188 188 000	CW	(AB/MPJ)
M12	15813	12-5	1620	Wed	188 188 188 000	CW	(AB/MPJ)
M12	12162	12-5	1710	Wed	546 546 546 1 9334 113 9334 113 42089 97322 55146 ... 85256 47253 12902 000 000	CW	(AB)
M12	11566	12-5	1730	Wed	546 546 546 1 9334 113 9334 113 42089 97322 55146 ... 85256 47253 12902 000 000	CW	(AB)
M12	10711	12-5	1750	Wed	546 546 546 1 9334 113 9334 113 42089 97322 55146 ... 85256 47253 12902 000 000	CW	(AB)
M12	16194	12-5	1950	Wed	173 173 173 000	CW	(AB-RUS)
M12	14794	12-5	2010	Wed	173 173 173 000	CW	(AB-RUS)
M12	13423	13-5	0700	Thu	411 411 411 1 175 32 175 32 43584 60956 18673 ... 84953 06043 52313 000 000	CW	(AB-RUS)
M12	12123	13-5	0720	Thu	411 411 411 1 175 32 175 32 43584 60956 18673 ... 84953 06043 52313 000 000	CW	(AB-RUS)
M12	11123	13-5	0740	Thu	411 411 411 1 175 32 175 32 43584 60956 18673 ... 84953 06043 52313 000 000	CW	(AB-RUS)
M12	12162	13-5	1700	Thu	546 546 546 1 7745 111 7745 111 17476 94577 18039 ... 90993 20655 02999 000 000	CW	(AB)
M12	11566	13-5	1720	Thu	546 546 546 1 7745 111 7745 111 17476 94577 18039 ... 90993 20655 02999 000 000	CW	(AB)
M12	10711	13-5	1740	Thu	546 546 546 1 7745 111 7745 111 17476 94577 18039 ... 90993 20655 02999 000 000	CW	(AB)
M12	12162	13-5	1800	Thu	546 546 546 1 5563 105 5563 105 16154 25112 67060 ... 15412 46142 93030 000 000	CW	(AB)
M12	11566	13-5	1820	Thu	546 546 546 1 5563 105 5563 105 16154 25112 67060 ... 15412 46142 93030 000 000	CW	(AB)
M12	10711	13-5	1840	Thu	546 546 546 1 5563 105 5563 105 16154 25112 67060 ... 15412 46142 93030 000 000	CW	(AB)
M12	13926	13-5	2000	Thu	573 573 573 000	CW	(AB/RL)
M12	14377	13-5	2000	Thu	317 317 317 1 7674 108 7674 108 71781 16629 99966 ... 92619 94838 10852 000 000	CW	(AB/RL)
M12	13426	13-5	2020	Thu	573 573 573 000	CW	(AB/RL)
M12	13461	13-5	2020	Thu	317 317 317 1 7674 108 7674 108 71781 16629 99966 ... 92619 94838 10852 000 000	CW	(AB/RL)
M12	12114	13-5	2040	Thu	317 317 317 1 7674 108 7674 108 71781 16629 99966 ... 92619 94838 10852 000 000	CW	(AB/RL)
M12	13381	13-5	2110	Thu	317 317 317 000	CW	(AB)
M12	12181	13-5	2130	Thu	317 317 317 000	CW	(AB)
M12	16194	14-5	1950	Fri	173 173 173 000	CW	(AB/RL)
M12	14794	14-5	2010	Fri	173 173 173 000	CW	(AB/RL)
M12	10843	14-5	2100	Fri	822 822 822 1 2720 166 2729 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB)

M12	10243	14-5	2120	Fri	822 822 822 1 2720 166 2729 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB)
M12	9243	14-5	2140	Fri	822 822 822 1 2720 166 2729 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB/RL)
M12	10843	15-5	2100	Sat	822 822 822 1 2720 166 2729 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB/RL)
M12	10243	15-5	2120	Sat	822 822 822 1 2720 166 2729 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB/RL)
M12	9243	15-5	2140	Sat	822 822 822 1 2720 166 2729 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB/RL)
M12	10183	15-5	2210	Sat	199 199 199 1 9250 90 9250 90 70256 56264 37138 ... 08227 01311 46928 000 000	CW	(RL)
M12	9083	15-5	2230	Sat	199 199 199 1 9250 90 9250 90 70256 56264 37138 ... 08227 01311 46928 000 000	CW	(AB/RL)
M12	8083	15-5	2250	Sat	199 199 199 1 9250 90 9250 90 70256 56264 37138 ... 08227 01311 46928 000 000	CW	(AB/RL)
M12	16113	16-5	1600	Sun	188 188 188 000	CW	(AB)
M12	15813	16-5	1620	Sun	188 188 188 000	CW	(AB)
M12	13426	17-5	0210	Mon	412 1 ...	CW	(HFD-J)
M12	12126	17-5	0230	Mon	412 1 ...	CW	(HFD-J)
M12	10226	17-5	0250	Mon	412 1 ...	CW	(HFD-J)
M12	14377	17-5	1300	Mon	317 317 317 1 6956 101 6956 101 77238 47248 53352 ... 33012 83100 93825 000 000	CW	(AB)
M12	13461	17-5	1320	Mon	317 317 317 1 6956 101 6956 101 77238 47248 53352 ... 33012 83100 93825 000 000	CW	(AB)
M12	12114	17-5	1340	Mon	317 317 317 1 6956 101 6956 101 77238 47248 53352 ... 33012 83100 93825 000 000	CW	(AB)
M12	13926	17-5	2000	Mon	573 573 573 000	CW	(AB/RL)
M12	13426	17-5	2020	Mon	573 573 573 000	CW	(AB/RL)
M12	13381	17-5	2110	Mon	317 317 317 1 4705 50 4705 50 44188 16357 54088 ... 33973 48232 37004 000 000	CW	(AB)
M12	12181	17-5	2130	Mon	317 317 317 1 4705 50 4705 50 44188 16357 54088 ... 33973 48232 37004 000 000	CW	(AB)
M12	10781	17-5	2150	Mon	317 317 317 1 4705 50 4705 50 44188 16357 54088 ... 33973 48232 37004 000 000	CW	(AB)
M12	8161	18-5	0030	Tue	115 115 115 1 348 69 348 69 39924 45075 93009 ... 46599 13685 82848 000 000	CW	(AB)
M12	9161	18-5	0050	Tue	115 115 115 1 348 69 348 69 39924 45075 93009 ... 46599 13685 82848 000 000	CW	(AB)
M12	10561	18-5	0110	Tue	115 115 115 1 348 69 348 69 39924 45075 93009 ... 46599 13685 82848 000 000	CW	(AB)
M12	9317	18-5	0530	Tue	135 135 135 1 7088 110 7088 110 56089 21778 15670 ... 47215 07450 31189 000 000	CW	(AB)
M12	10484	18-5	0550	Tue	135 135 135 1 7088 110 7088 110 56089 21778 15670 ... 47215 07450 31189 000 000	CW	(AB)
M12	11552	18-5	0610	Tue	135 135 135 1 7088 110 7088 110 56089 21778 15670 ... 47215 07450 31189 000 000	CW	(AB)
M12	13423	18-5	0700	Tue	411 411 411 1 5491 154 5491 154 91689 19778 28194 ... 09566 18251 09972 000 000	CW	(AB-RUS)
M12	12123	18-5	0720	Tue	411 411 411 1 5491 154 5491 154 91689 19778 28194 ... 09566 18251 09972 000 000	CW	(AB-RUS)
M12	11123	18-5	0740	Tue	411 411 411 1 5491 154 5491 154 91689 19778 28194 ... 09566 18251 09972 000 000	CW	(AB-RUS)
M12	14377	18-5	1200	Tue	317 317 317 1 1605 97 1605 97 41670 37221 25323 ... 12900 69282 90705 000 000	CW	(AB/MPJ)
M12	13461	18-5	1220	Tue	317 317 317 1 1605 97 1605 97 41670 37221 25323 ... 12900 69282 90705 000 000	CW	(AB/MPJ)
M12	12114	18-5	1240	Tue	317 317 317 1 1605 97 1605 97 41670 37221 25323 ... 12900 69282 90705 000 000	CW	(AB/MPJ)
M12	16113	19-5	1600	Wed	188 188 188 1 3981 47 3981 47 56670 42115 05061 ... 22345 17311 04245 000 000	CW	(AB/MPJ)
M12	15813	19-5	1620	Wed	188 188 188 1 3981 47 3981 47 56670 42115 05061 ... 22345 17311 04245 000 000	CW	(AB/MPJ)
M12	14813	19-5	1640	Wed	188 188 188 1 3981 47 3981 47 56670 42115 05061 ... 22345 17311 04245 000 000	CW	(AB/MPJ)
M12	12162	19-5	1710	Wed	546 546 546 1 2858 112 2858 112 38839 65754 06982 ... 56916 59778 10048 000 000	CW	(AB/HFD)
M12	11566	19-5	1730	Wed	546 546 546 1 2858 112 2858 112 38839 65754 06982 ... 56916 59778 10048 000 000	CW	(AB/HFD)
M12	10711	19-5	1750	Wed	546 546 546 1 2858 112 2858 112 38839 65754 06982 ... 56916 59778 10048 000 000	CW	(AB/HFD)
M12	16194	19-5	1950	Wed	173 173 173 000	CW	(AB/RL)
M12	14794	19-5	2010	Wed	173 173 173 000	CW	(AB/RL)
M12	8083	19-5	2210	Wed	199 199 199 1 2288 46 2288 46 54928 22995 34904 ... 07808 38866 60039 000 000	CW	(AB/RL)
M12	9083	19-5	2210	Wed	199 199 199 1 2288 46 2288 46 54928 22995 34904 ... 07808 38866 60039 000 000	CW	(AB/RL)
M12	10183	19-5	2210	Wed	199 199 199 1 2288 46 2288 46 54928 22995 34904 ... 07808 38866 60039 000 000	CW	(RL)

M12	13423	20-5	0700	Thu	411 411 411 1 5491 154 5491 154 91689 19778 28194 ... 09566 18251 09972 000 000	CW	(AB-RUS)
M12	12123	20-5	0720	Thu	411 411 411 1 5491 154 5491 154 91689 19778 28194 ... 09566 18251 09972 000 000	CW	(AB-RUS)
M12	11123	20-5	0740	Thu	411 411 411 1 5491 154 5491 154 91689 19778 28194 ... 09566 18251 09972 000 000	CW	(AB-RUS)
M12	12162	20-5	1700	Thu	546 546 546 1 3724 105 3724 105 90179 08636 87558 ... 74599 64533 60316 000 000	CW	(AB)
M12	11566	20-5	1720	Thu	546 546 546 1 3724 105 3724 105 90179 08636 87558 ... 74599 64533 60316 000 000	CW	(AB)
M12	10711	20-5	1740	Thu	546 546 546 1 3724 105 3724 105 90179 08636 87558 ... 74599 64533 60316 000 000	CW	(AB)
M12	12162	20-5	1800	Thu	546 546 546 8740 112 8740 112 99549 74383 47841 ... 02374 21661 28238 000 000	CW	(AB)
M12	11566	20-5	1820	Thu	546 546 546 8740 112 8740 112 99549 74383 47841 ... 02374 21661 28238 000 000	CW	(AB)
M12	10711	20-5	1840	Thu	546 546 546 8740 112 8740 112 99549 74383 47841 ... 02374 21661 28238 000 000	CW	(AB)
M12	13926	20-5	2000	Thu	573 573 573 000	CW	(AB/RL)
M12	14377	20-5	2000	Thu	317 317 317 1 4889 107 4889 107 74368 62346 20246 ... 25901 82123 33751 000 000	CW	(AB)
M12	13426	20-5	2020	Thu	573 573 573 000	CW	(AB/RL)
M12	13461	20-5	2020	Thu	317 317 317 1 4889 107 4889 107 74368 62346 20246 ... 25901 82123 33751 000 000	CW	(AB)
M12	12114	20-5	2040	Thu	317 317 317 1 4889 107 4889 107 74368 62346 20246 ... 25901 82123 33751 000 000	CW	(AB)
M12	13381	20-5	2110	Thu	317 317 317 1 4705 50 4705 50 44188 16357 54088 ... 33973 48232 37004 000 000	CW	(AB)
M12	12181	20-5	2130	Thu	317 317 317 1 4705 50 4705 50 44188 16357 54088 ... 33973 48232 37004 000 000	CW	(AB)
M12	10781	20-5	2150	Thu	317 317 317 1 4705 50 4705 50 44188 16357 54088 ... 33973 48232 37004 000 000	CW	(AB)
M12	16194	21-5	1950	Fri	173 173 173 000	CW	(AB)
M12	14794	21-5	2010	Fri	173 173 173 000	CW	(AB)
M12	10843	21-5	2100	Fri	822 822 822 1 2720 166 2720 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB)
M12	10243	21-5	2120	Fri	822 822 822 1 2720 166 2720 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB)
M12	9243	21-5	2140	Fri	822 822 822 1 2720 166 2720 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB)
M12	10843	22-5	2100	Sat	822 822 822 1 2720 166 2720 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB)
M12	10243	22-5	2120	Sat	822 822 822 1 2720 166 2720 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB)
M12	9243	22-5	2140	Sat	822 822 822 1 2720 166 2720 166 80149 23106 07929 ... 86431 39724 88421 000 000	CW	(AB)
M12	8083	22-5	2210	Sat	199 199 199 1 2288 46 2288 46 54928 22995 34904 ... 07808 38866 60039 000 000	CW	(AB/RL)
M12	9083	22-5	2210	Sat	199 199 199 1 2288 46 2288 46 54928 22995 34904 ... 07808 38866 60039 000 000	CW	(AB/RL)
M12	10183	22-5	2210	Sat	199 199 199 1 2288 46 2288 46 54928 22995 34904 ... 07808 38866 60039 000 000	CW	(RL)
M12	16113	23-5	1600	Sun	188 188 188 1 3981 47 3981 47 56670 42115 05061 ... 22345 17311 04245 000 000	CW	(AB/MPJ)
M12	15813	23-5	1620	Sun	188 188 188 1 3981 47 3981 47 56670 42115 05061 ... 22345 17311 04245 000 000	CW	(AB/MPJ)
M12	14813	23-5	1640	Sun	188 188 188 1 3981 47 3981 47 56670 42115 05061 ... 22345 17311 04245 000 000	CW	(AB/MPJ)
M12	13926	24-5	2000	Mon	573 573 573 1 5863 89 5863 89 13944 42602 65393 ... 63752 93679 25966 000 000	CW	(AB/RL)
M12	13426	24-5	2020	Mon	573 573 573 1 5863 89 5863 89 13944 42602 65393 ... 63752 93679 25966 000 000	CW	(AB/RL)
M12	11526	24-5	2040	Mon	573 573 573 1 5863 89 5863 89 13944 42602 65393 ... 63752 93679 25966 000 000	CW	(AB/RL)
M12	13381	24-5	2110	Mon	317 317 317 000	CW	(AB/RL)
M12	12181	24-5	2130	Mon	317 317 317 000	CW	(AB/RL)
M12	8161	25-5	0030	Tue	115 115 115 000	CW	(AB)
M12	9161	25-5	0050	Tue	115 115 115 000	CW	(AB)
M12	9317	25-5	0530	Tue	135 135 135 1 5486 112 5486 112 21776 76635 08676 ... 20387 94588 55006 000 000	CW	(AB)
M12	10484	25-5	0550	Tue	135 135 135 1 5486 112 5486 112 21776 76635 08676 ... 20387 94588 55006 000 000	CW	(AB)
M12	11552	25-5	0610	Tue	135 135 135 1 5486 112 5486 112 21776 76635 08676 ... 20387 94588 55006 000 000	CW	(AB)
M12	13423	25-5	0700	Tue	411 411 411 1 9349 172 9349 172 59917 43553 17946 ... 37245 95022 11665 000 000	CW	(AB-J)
M12	12123	25-5	0720	Tue	411 411 411 1 9349 172 9349 172 59917 43553 17946 ... 37245 95022 11665 000 000	CW	(AB-J)
M12	11123	25-5	0740	Tue	411 411 411 1 9349 172 9349 172 59917 43553 17946 ... 37245 95022 11665 000 000	CW	(AB-J)

M12	16113	26-5	1600	Wed	188 188 188 000	CW	(AB)
M12	15813	26-5	1620	Wed	188 188 188 0	CW	(AB)
M12	12162	26-5	1710	Wed	546 546 546 1 2573 104 2573 104 85538 71584 19105 ... 87813 70114 42638 000 000	CW	(AB/MPJ)
M12	11566	26-5	1730	Wed	546 546 546 1 2573 104 2573 104 85538 71584 19105 ... 87813 70114 42638 000 000	CW	(AB/MPJ)
M12	10711	26-5	1750	Wed	546 546 546 1 2573 104 2573 104 85538 71584 19105 ... 87813 70114 42638 000 000	CW	(AB/MPJ)
M12	16194	26-5	1950	Wed	173 173 173 000	CW	(AB-RUS)
M12	14794	26-5	2010	Wed	173 173 173 000	CW	(AB-RUS)
M12	8083	26-5	2210	Wed	199 199 199 1 615 60 615 60 75930 22814 10669 ... 84442 57452 38201 11829 000 000	CW	(AB/RL)
M12	9083	26-5	2210	Wed	199 199 199 1 615 60 615 60 75930 22814 10669 ... 84442 57452 38201 11829 000 000	CW	(AB/RL)
M12	10183	26-5	2210	Wed	199 199 199 1 615 60 615 60 75930 22814 10669 ... 84442 57452 38201 11829 000 000	CW	(AB/RL)
M12	13423	27-5	0700	Thu	411 411 411 1 9349 172 9349 172 59917 43553 17946 ... 37245 95022 11665 000 000	CW	(AB-RUS)
M12	12123	27-5	0720	Thu	411 411 411 1 9349 172 9349 172 59917 43553 17946 ... 37245 95022 11665 000 000	CW	(AB-J)
M12	11123	27-5	0740	Thu	411 411 411 1 9349 172 9349 172 59917 43553 17946 ... 37245 95022 11665 000 000	CW	(AB-J)
M12	12162	27-5	1700	Thu	546 546 546 1 6215 108 6215 108 31125 45093 20943 ... 21841 27292 07456 000 000	CW	(AB/HFD)
M12	11566	27-5	1720	Thu	546 546 546 1 6215 108 6215 108 31125 45093 20943 ... 21841 27292 07456 000 000	CW	(AB/HFD)
M12	10711	27-5	1740	Thu	546 546 546 1 6215 108 6215 108 31125 45093 20943 ... 21841 27292 07456 000 000	CW	(AB/HFD)
M12	12162	27-5	1800	Thu	546 546 546 1 9404 111 9404 111 26932 91025 23394 ... 19752 23599 57632 000 000	CW	(AB/HFD)
M12	11566	27-5	1820	Thu	546 546 546 1 9404 111 9404 111 26932 91025 23394 ... 19752 23599 57632 000 000	CW	(AB/HFD)
M12	10711	27-5	1840	Thu	546 546 546 1 9404 111 9404 111 26932 91025 23394 ... 19752 23599 57632 000 000	CW	(AB/HFD)
M12	13926	27-5	2000	Thu	573 573 573 1 5863 89 5863 89 13944 42602 65393 ... 63752 93679 25966 000 000	CW	(AB/RL)
M12	14377	27-5	2000	Thu	317 317 317 1 3226 103 3226 103 10948 26535 94729 ... 98148 77507 84880 000 000	CW	(AB)
M12	13426	27-5	2020	Thu	573 573 573 1 5863 89 5863 89 13944 42602 65393 ... 63752 93679 25966 000 000	CW	(AB/RL)
M12	13461	27-5	2020	Thu	317 317 317 1 3226 103 3226 103 10948 26535 94729 ... 98148 77507 84880 000 000	CW	(AB/RL)
M12	11526	27-5	2040	Thu	573 573 573 1 5863 89 5863 89 13944 42602 65393 ... 63752 93679 25966 000 000	CW	(AB/RL)
M12	12114	27-5	2040	Thu	317 317 317 1 3226 103 3226 103 10948 26535 94729 ... 98148 77507 84880 000 000	CW	(AB/RL)
M12	12181	27-5	2130	Thu	317 317 317 000	CW	(AB/RL)
M12	8161	28-5	0030	Fri	115 115 115 000	CW	(AB)
M12	9161	28-5	0050	Fri	115 115 115 000	CW	(AB)
M12	16194	28-5	1950	Fri	173 173 173 000	CW	(RL)
M12	14794	28-5	2010	Fri	173 173 173 000	CW	(RL)
M12	10843	28-5	2100	Fri	822 822 822 1 289 134 289 134 78948 28818 15212 ... 56811 81373 78922 000 000	CW	(AB/RL)
M12	13381	28-5	2110	Fri	317 317 317 000	CW	(AB/RL)
M12	10243	28-5	2120	Fri	822 822 822 1 289 134 289 134 78948 28818 15212 ... 56811 81373 78922 000 000	CW	(AB/RL)
M12	9243	28-5	2140	Fri	822 822 822 1 289 134 289 134 78948 28818 15212 ... 56811 81373 78922 000 000	CW	(AB/RL)
M12	10843	29-5	2100	Sat	822 822 822 1 289 134 289 134 78948 28818 15212 ... 56811 81373 78922 000 000	CW	(AB/RL)
M12	10243	29-5	2120	Sat	822 822 822 1 289 134 289 134 78948 28818 15212 ... 56811 81373 78922 000 000	CW	(AB/RL)
M12	9243	29-5	2140	Sat	822 822 822 1 289 134 289 134 78948 28818 15212 ... 56811 81373 78922 000 000	CW	(AB/RL)
M12	8083	29-5	2210	Sat	199 199 199 1 615 60 615 60 75930 22814 10669 ... 84442 57452 38201 11829 000 000	CW	(AB/RL)
M12	9083	29-5	2210	Sat	199 199 199 1 615 60 615 60 75930 22814 10669 ... 84442 57452 38201 11829 000 000	CW	(AB/RL)
M12	10183	29-5	2210	Sat	199 199 199 1 615 60 615 60 75930 22814 10669 ... 84442 57452 38201 11829 000 000	CW	(AB)
M12	16113	30-5	1600	Sun	188 188 188 000	CW	(AB/MPJ)
M12	15813	30-5	1620	Sun	188 188 188 000	CW	(AB/MPJ)
M12	13461	31-5	1154	Mon	i.p. 04720 99839 62940 ... 65628 91676 88868 000 000	CW	(MPJ)
M12	13926	31-5	2000	Mon	573 573 573 000	CW	(AB/RL)

M12	13426	31-5	2020	Mon	573 573 573 000	CW	(AB/RL)
M12	13381	31-5	2110	Mon	317 317 317 1 1065 93 1065 93 47703 39968 25231 ... 08412 83589 73688 000 000	CW	(AB/RL/ES)
M12	12181	31-5	2130	Mon	317 317 317 1 1065 93 1065 93 47703 39968 25231 ... 08412 83589 73688 000 000	CW	(AB/RL/ES)
M12	10781	31-5	2150	Mon	317 317 317 1 1065 93 1065 93 47703 39968 25231 ... 08412 83589 73688 000 000	CW	(AB/RL/ES)
M14	16347	10-5	0930	Mon	617 617 617 00000	CW	(AB)
M14	12211	11-5	0500	Tue	952 318 318 52 52 == 46497 39895 88489 ... 81296 21989 30479 == 318 318 52 52 00000	CW	(PY)
M14	10243	11-5	0522	Tue	952 318 318 52 52 == 46497 39895 88489 ... 81296 21989 30479 == 318 318 52 52 00000 Late start	CW	(PY)
M14	12211	12-5	0500	Wed	too weak to copy	CW	(PY)
M14	10243	12-5	0520	Wed	not heard	CW	(PY)
M14	12211	13-5	0500	Thu	Carrier on and off but no transmission	CW	(PY)
M14	10243	13-5	0517	Thu	Carrier on and off, at 0523z M14: 952 731 731 53 53 60420 79000 29277 ... 12301 54009 36992 == 731 731 53 53 00000	CW	(PY)
M14	12211	14-5	0500	Fri	952 806 806 54 54 == 62441 79636 68897 ... 09692 78178 61807 == 806 806 52 52 00000	CW	(PY)
M14	10243	14-5	0520	Fri	952 806 806 54 54 == 62441 79636 68897 ... 09692 78178 61807 == 806 806 52 52 00000	CW	(PY)
M14	12211	17-5	0500	Mon	Carrier, M14 at 0503z. Interruptions during callup. 952 317 317 57 57 == 93401 05548 69622 ... 94354 94364 59482 == 317 317 57 57 00000	CW	(PY)
M14	10243	17-5	0520	Mon	952 317 317 57 57 == 93401 05548 69622 ... 94354 94364 59482 == 317 317 57 57 00000 Interruptions during callup	CW	(PY)
M14	12211	18-5	0500	Tue	952 864 864 58 58 == 90023 87210 85734 ... 61063 58779 76270 == 864 864 58 58 00000	CW	(PY)
M14	10243	18-5	0520	Tue	952 864 864 58 58 == 90023 87210 85734 ... 61063 58779 76270 == 864 864 58 58 00000	CW	(PY)
M14	12211	19-5	0500	Wed	952 a few times, then out, then 952 callup in inverted Morse (tone instead of silence and vice versa), then unmodulated carrier until 0516z	CW	(PY)
M14	10243	19-5	0517	Wed	unmodulated carrier until 0537z	CW	(PY)
M14	12211	20-5	0500	Thu	952 647 647 56 56 == 48290 27926 93738 ... 28922 45045 09410 == 647 647 56 56 00000	CW	(PY)
M14	10243	20-5	0520	Thu	952 647 647 56 56 == 48290 27926 93738 ... 28922 45045 09410 == 647 647 56 56 00000	CW	(PY)
M14	12211	21-5	0500	Fri	A few beeps then nothing	CW	(PY)
M14	10243	21-5	0521	Fri	Late start. 952 108 108 63 63 == 36472 30322 78959 ... 16879 25026 62801 == 108 108 63 63 00000	CW	(PY)
M14	12211	24-5	0500	Mon	952 367 367 66 66 == 21353 97676 60823 ... 61667 72661 40379 == 367 367 66 66 00000	CW	(PY)
M14	10243	24-5	0521	Mon	952 367 367 66 66 == 21353 97676 60823 ... 61667 72661 40379 == 367 367 66 66 00000	CW	(PY)
M14	12211	25-5	0500	Tue	952 480 480 65 65 == 67988 08687 26853 ... 69619 28097 51130 == 480 480 65 65 00000	CW	(PY)
M14	10243	25-5	0521	Tue	952 480 480 65 65 == 67988 08687 26853 ... 69619 28097 51130 == 480 480 65 65 00000	CW	(PY)
M14	16347	25-5	0930	Tue	617 617 617 00000	CW	(AB)
M14	12211	26-5	0500	Wed	No transmission	CW	(PY)
M14	10243	26-5	0520	Wed	952 136 136 66 66 == 33759 65357 45733 ... 50212 84057 09379 == 136 136 66 66 [5s silence] 13 952	CW	(PY)
M14	12211	27-5	0501	Thu	Late start 952 747 747 52 52 == 93544 79764 64500 ... 10159 29516 76754 == 747 747 52 52 00000	CW	(PY)
M14	10243	27-5	0520	Thu	952 747 747 52 52 == 93544 79764 64500 ... 10159 29516 76754 == 747 747 52 52 00000	CW	(PY)
M14	12211	28-5	0500	Fri	952 180 180 62 62 == 21502 05736 95678 ... 06839 40816 43400 == 180 180 62 62 00000	CW	(PY)
M14	10243	28-5	0520	Fri	952 180 180 62 62 == 21502 05736 95678 ... 06839 40816 43400 == 180 180 62 62 00000	CW	(PY)
M14	12211	31-5	0500	Mon	952 346 346 60 60 == 80452 70297 85788 ... 37380 50656 74111 == 346 346 60 60 00000	CW	(PY)
M14	10243	31-5	0520	Mon	952 346 346 60 60 == 80452 70297 85788 ... 37380 50656 74111 == 346 346 60 60 00000 signal interruptions during message	CW	(PY)
M21	4969	7-5	2057	Fri	=992357??8????? =992358??8????? =992359??8?????	CW	(AB)
M21	3185	22-5	0544	Sat	=990844??8????? =990845??8????? =990846??8?????	CW	(F5JBR)
M21	6421.5	22-5	0618	Sat	=990918??8????? =990919??8????? =990920??8????? //3185 kHz	CW	(F5JBR)

M21	4171	23-5	0335	Sun	=990635??8????? =990636??8????? =990637??8????? //3185 kHz	CW	(F5JBR)
M21	6421.5	23-5	0520	Sun	=990820??8????? =990821??8????? =990822??8????? //4171 kHz	CW	(F5JBR)
M32	14411	2-5	1425	Sun	RDL RDL RDL 04732 17785 04732 17785 04732 17785 K	FSK CW	(AB)
M32	5294	7-5	1214	Fri	XXX XXX 4IAN 4IAN 79173 LETAL'NYJ 3900 1283 K	CW	(Gwr)
M32	7564	19-5	1330	Wed	XXX TEKNICHESKAYA PROWERKA 540 k rbl90 de rbl88 zsa 3	CW	(IM)
M32c	7942	22-5	0740	Sat	REA4 = 22060 99900 2110 73842 8797 6170 4201 4 20135 800 34 = REA4 K	CW	(F5JBR)
M32c	4935	22-5	0840	Sat	REA4 = 2206 9900 2110 73842 8798 61704 102 4 20135 8034 = REA4 K	CW	(F5JBR)
M32c	4835	23-5	0340	Sun	REA4 = 23020 9900 2160 23746 71960 70000 1019 87030 = REA4 K	CW	(F5JBR)
M42	12197	17-5	0827	Mon	Russian diplo/intel i.p.	MFSK-66	(AB)
M42	14390	17-5	0830	Mon	Russian diplo/intel.	MFSK-66	(AB)
M42	14376	18-5	0755	Tue	Russian diplo/intel.	5xMFSK-16/250Bd-BPSK	(AB)
M42	12164	20-5	1200	Thu	Russian diplo/intel.	5xMFSK-16/250Bd-BPSK	(AB)
M42	12175	28-5	0826	Fri	Russian diplo/intel.	MFSK-66	(AB)
M42b	5857	22-5	0553	Sat	LXMT wkg L5XS	CW / FSK 50/500	(F5JBR)
M42b	5322	23-5	0438	Sun	P8RK de ZE4K QSA 4 K. QTC 1 K. 044 150 23 0430 7913 followed by 5FGs. NIL SK	CW / FSK 50/500	(F5JBR)
M89	10403	11-5	1107	Tue	i.p. RMKS 2791 TO 2795 K = = D6N7 6T3U NTAU TA75 67TN AU53 4A56 ...	CW	(JPL)
M89	6378	11-5	1118	Tue	V BSA5 (x3) DE TP4C (x2)	CW	(JPL)
M89	7620	11-5	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	11-5	1130	Tue	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	6378	12-5	1135	Wed	V BSA5 DE TP4C	CW	(CB)
M89	14292	13-5	1104	Thu	E4GN DE PVNG K followed by voice traffic and MIL-STD-188-110A traffic: 125091315012432 kb0434.txt210513180549 QSL 1903 HR WK NR 25 ...	CW/MIL-STD-188-110A App.B	(DKR)
M89	3565	13-5	1116	Thu	V BSA5 (x3) DE TP4C (x2) //4718, 6378, 7045	CW	(JPL)
M89	4718	13-5	1116	Thu	V BSA5 (x3) DE TP4C (x2) //3565, 6378, 7045	CW	(JPL)
M89	6378	13-5	1116	Thu	V BSA5 (x3) DE TP4C (x2) //3565, 4718, 7045	CW	(JPL)
M89	7045	13-5	1116	Thu	V BSA5 (x3) DE TP4C (x2) //3565, 4718, 6378	CW	(JPL)
M89	4860	13-5	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8290	CW	(JPL)
M89	5640	13-5	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 6320, 6840, 8290	CW	(JPL)
M89	6320	13-5	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6840, 8290	CW	(JPL)
M89	6840	13-5	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 8290	CW	(JPL)
M89	8290	13-5	1120	Thu	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //4860, 5640, 6320, 6840	CW	(JPL)
M89	7620	13-5	1130	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //8350	CW	(JPL)
M89	8350	13-5	1130	Thu	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K //7620	CW	(JPL)
M89	7676	13-5	1900	Thu	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	3740	13-5	1906	Thu	i.p. D7N5 6DUN DAN5 5N43 436D NTA6 D65U ... AR QSL ? K R AS U 7G NR K EEEEE U 7G GA K	CW	(JPL)
M89	4658	13-5	1906	Thu	V N72H (x3) DE 8HM4 (x2)	CW	(JPL)
M89	5419	14-5	0935	Fri	i.p. 1P 34W K NPR 1P 34W = U745 U745 AR K RPT 1P 62W TO 64W K (Both stations on this frequency)	CW	(JPL)
M89	8113	14-5	1011	Fri	i.p. 4ATD N3D4 NTU5 3N6... AR QSL ? K R U MSG GA K	CW	(JPL)
M89	5640	14-5	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6320, 6840, 8360, 10640	CW	(JPL)
M89	6320	14-5	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6840, 8360, 10640	CW	(JPL)
M89	6840	14-5	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 8360, 10640	CW	(JPL)
M89	8360	14-5	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 10640	CW	(JPL)

M89	10640	14-5	1020	Fri	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //5640, 6320, 6840, 8360	CW	(JPL)
M89	7620	14-5	1030	Fri	V WNF(x3) DE FXM (x2) (R5) QSA ? QSV K	CW	(JPL)
M89	5457	14-5	1038	Fri	i.p. U7A4 T56A 7AA6 AT6A 473N UDU6 ...	CW	(JPL)
M89	5176	14-5	1118	Fri	i.p. 5D7A 5A7T T4U3 AR K N QSL 1912 K (Both stations on this frequency) R U MSG GA K	CW	(CB)
M89	6378	14-5	1119	Fri	V BSA5 (x3) DE TP4C (x2) //7045	CW	(JPL)
M89	7045	14-5	1119	Fri	V BSA5 (x3) DE TP4C (x2) //6378	CW	(JPL)
M89	11222	16-5	0845	Sun	i.p. UAT3 4745 746T 74AN 3UA5 74T5 67NA U44U ... AR	CW	(JPL)
M89	6378	16-5	0911	Sun	V BSA5 (x3) DE TP4C (x2) //7045	CW	(JPL)
M89	7045	16-5	0911	Sun	V BSA5 (x3) DE TP4C (x2) //6378	CW	(JPL)
M89	6840	16-5	0920	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //8290, 8360, 10640	CW	(JPL)
M89	8290	16-5	0920	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840, 8360, 10640	CW	(JPL)
M89	8360	16-5	0920	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840, 8290, 10640	CW	(JPL)
M89	10640	16-5	0920	Sun	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) //6840, 8290, 8360	CW	(JPL)
M89	7676	16-5	0934	Sun	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7676	16-5	2214	Sun	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	7459	18-5	1047	Tue	i.p. 0518 1810 RMKS 7881 TO 7315 K R = TNT5 U36U ...	CW	(JPL)
M89	6378	18-5	1052	Tue	V BSA5 (x3) DE TP4C (x2) //7045	CW	(JPL)
M89	7045	18-5	1052	Tue	V BSA5 (x3) DE TP4C (x2) //6378	CW	(JPL)
M89	3823	18-5	1534	Tue	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	4658	18-5	1537	Tue	V N72H (x3) DE 8HM4 (x2)	CW	(JPL)
M89	4679	18-5	1542	Tue	i.p. DAA3 45DN 3NUU A7N5 D54D AD45 AR NPT RPT K	CW	(JPL)
M89	3565	18-5	1550	Tue	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	18-5	1550	Tue	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	4721	18-5	1600	Tue	i.p. SWV8 SWV8 ...FFF NR 1211/EX 0000 =L4A1/P0I3 AR NR 1211/EX 0000 =	CW	(JPL)
M89	5213	18-5	1603	Tue	i.p. /EX 0000 = C4X8/S9DB AR QSY 01 QSY 01 VV YJ	CW	(JPL)
M89	5405	18-5	1605	Tue	i.p. /EX 0003 = L3N2/W0E9 AR QSY 02 QSY 02 VVV	CW	(JPL)
M89	5485	18-5	1606	Tue	i.p. EY4 IUHY4 FFF NR 1205/EX 0006 = G6K2/X0H9 AR NR 1205/EX 0006 =	CW	(JPL)
M89	5517	18-5	1610	Tue	i.p. F2SF F2SF FFF NR 1206/EX 0009 = U2C9/Y1F7 AR	CW	(JPL)
M89	5550	18-5	1611	Tue	i.p. GF24 GF24 FFF NR 1207/EX 0012 = C2K5/A6D3 AR	CW	(JPL)
M89	5621	18-5	1615	Tue	i.p. YK4U YK4U YK4U FFF NR 1208/EX 0015 = F2Y0/W5D5 AR	CW	(JPL)
M89	5627	18-5	1619	Tue	i.p. JF6G JF6G JF6G FFF NR 1203/EX 0024 = A8Y5/S9A0 AR	CW	(JPL)
M89	5601	18-5	1622	Tue	i.p. NR 1220/EX 0024 = K7Y1/P5DJ AR QSY 09 QSY 09 VVV	CW	(JPL)
M89	5561	18-5	1624	Tue	i.p. DIEN DIEN DIEN DIEN DIEN DIEN FFF NR 1225/EX 0024 = T5C8/H2Y1 AR	CW	(JPL)
M89	5116	18-5	1626	Tue	i.p. NR1219/EX 0024 = E1H4/C5P2 AR QSY 22 QSY 22 VVV	CW	(JPL)
M89	4956	18-5	1628	Tue	i.p. NR 1220/EX 0027 = (Two stations sending at same time) OSL../ AR SK SK	CW	(JPL)
M89	4346	18-5	1631	Tue	i.p. RMKS 2997 TO 2957 K = 555T 6U37 D6A3 A5T6 76U3 NNTA NN7N 74UD AU6U ...	CW	(JPL)
M89	4320	18-5	1633	Tue	exercise i.p. R WK NR ? K R OK VVV ZK7X DE LPU4 K R QSA 2 K R IEC = XYKP AR K	CW	(JPL)
M89	4372	18-5	1656	Tue	i.p. DN74 56T3 74TD DU3T UTAD U76A 34T7 AD5U ...	CW	(JPL)
M89	4531	18-5	1657	Tue	i.p. 5NTA A657 3U54 TU47 DN5N D563 UTN5 63UT T37T ...	CW	(JPL)
M89	4680	18-5	1658	Tue	i.p. R QSL 0056 K VVV UYRN DE Q6JY K N QSL 0056 K	CW	(JPL)
M89	4765	18-5	1704	Tue	i.p. A6U5 D7NA AT3U CK NR OK QSL 0102 K NOK HR R NR Q 20 NR .. K	CW	(JPL)
M89	4781	18-5	1704	Tue	i.p.	CW	(JPL)
M89	4965	18-5	1706	Tue	i.p. N OK GA K	CW	(JPL)
M89	4976	18-5	1707	Tue	i.p. R 7G = 5TDN D53N 43A7 TN5D 5ND3 4D65 UD3D ...	CW	(JPL)

M89	5109	18-5	1711	Tue	i.p. HR F GA K HR MSG GA K R GA R MSG NR 2572 CK 69 92 0519 0100 RMKS 0919 TO 0931 K	CW	(JPL)
M89	5123	18-5	1711	Tue	i.p. RMKS 8809 TO 880. K = 5AA3 A4A5 7UN5 4U36 D45U ... R QSL 0100 K	CW	(JPL)
M89	5277	18-5	1720	Tue	i.p. AT3N 35D6 AR R MSG GA K	CW	(JPL)
M89	5378	18-5	1722	Tue	i.p. 7N65 367U TAD4 N4UN 3D4T 6DND 4A36 ...	CW	(JPL)
M89	5435	18-5	1722	Tue	i.p. RMKS 1775434 TO 1775432 = U6NT AT3U A7UD ...	CW	(JPL)
M89	4166	18-5	1726	Tue	i.p. AR K	CW	(JPL)
M89	4386	18-5	1730	Tue	i.p. 4TDN 7UA5 ND75 4A35 7D65 7AU4 5DT7 5T43 ...	CW	(JPL)
M89	4765	18-5	1730	Tue	exercise i.p. R QSA 2 IEC = 7640 AR K R IEC = 3442 AR K R HW MSG GA K	CW	(JPL)
M89	4961	18-5	1734	Tue	i.p. A53T DDA4 TUU3 U343 A454 DD5T U6AN D35T ...	CW	(JPL)
M89	5044	18-5	1735	Tue	i.p. 36T4 7NA3 A43N 75AN A637 7UAD 6NU4 U75D ...	CW	(JPL)
M89	8989	25-5	0809	Tue	i.p. AU34 AU345 AU34567DNT AUN AU77DNT AU3.. (Operator practicing sending his numbers???)	CW	(JPL)
M89	7674	25-5	0814	Tue	i.p. RPT 27W = T3UD T3UD RPT 21W (Both stations on this frequency) RPT 21W BT D674 D674 (ContEd to send repeats)	CW	(JPL)
M89	7368	25-5	0823	Tue	(i.p. R RPT 1P 30W BT TA6D TA6D AR K R RPT 1P 36W = TU4U TU4U AR K R RPT 1P 47W TO 48W = 4TND 4U7T AR (ContEd sending repeats)	CW	(JPL)
M89	6378	25-5	0829	Tue	V BSA5 (x3) DE TP4C (x2) //7045	CW	(JPL)
M89	7045	25-5	0829	Tue	V BSA5 (x3) DE TP4C (x2) //6378	CW	(JPL)
M89	7676	25-5	1211	Tue	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	3823	25-5	1942	Tue	V 8RVF (x3) DE CV4K (x2)	CW	(JPL)
M89	3565	25-5	1944	Tue	V BSA5 (x3) DE TP4C (x2) //4718	CW	(JPL)
M89	4718	25-5	1944	Tue	V BSA5 (x3) DE TP4C (x2) //3565	CW	(JPL)
M89	4658	25-5	1952	Tue	V N72H (x3) DE 8HM4 (x2)	CW	(JPL)
M95	5479	11-5	1104	Tue	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	11-5	1104	Tue	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	4364	11-5	1134	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0344 CK 115 35 0511 1534 = //8073	CW	(JPL)
M95	8073	11-5	1134	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0344 CK 115 35 0511 1534 = //4364	CW	(JPL)
M95	4243	11-5	1150	Tue	VV HR MSG TO YR PSE CY NR .7 CK 23 35 0511 1550 = UT5 TAA 3U6 3A4 TTA ... //9054	CW	(JPL)
M95	9054	11-5	1150	Tue	VV HR MSG TO YR PSE CY NR .7 CK 23 35 0511 1550 = UT5 TAA 3U6 3A4 TTA ... //4243	CW	(JPL)
M95	10473	13-5	1104	Thu	i.p. 05 05 05 05 VVV	CW	(JPL)
M95	4364	13-5	1138	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0348 CK 186 35 0513 1630 = //8073	CW	(JPL)
M95	8073	13-5	1138	Thu	V BNGC (x3) DE XSV85 (x2) HR MSG GA PSE CY NR 0348 CK 186 35 0513 1630 = //4364	CW	(JPL)
M95	3968	13-5	1856	Thu	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	13-5	1856	Thu	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	8567	14-5	0959	Fri	i.p. VVV OWBR DE ZDUB HR 7G GA MSG 44 K EEE /MSG CCK/ CK 213	CW	(JPL)
M95	10722	14-5	1048	Fri	V YHxD (x3) DE SAQC (x2)	CW	(JPL)
M95	5479	16-5	0838	Sun	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	16-5	0838	Sun	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	7345	16-5	0905	Sun	(i.p. 4AA 445 354 U4T 353 4TN 445 AR A HR UP SB WK	CW	(JPL)
M95	7553	16-5	0936	Sun	i.p. 445 4D6 33D 75D 4DU TT6 773 3AD 353 4A5 N3D ... //9153	CW	(JPL)
M95	9153	16-5	0936	Sun	i.p. 445 4D6 33D 75D 4DU TT6 773 3AD 353 4A5 N3D ... //7553	CW	(JPL)
M95	3968	16-5	2207	Sun	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	16-5	2207	Sun	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	5479	18-5	1025	Tue	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	18-5	1025	Tue	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)

M95	3968	18-5	1529	Tue	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	18-5	1529	Tue	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
M95	4354	25-5	1134	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG PSE CY NR 0372 CK 167 35 0525 1620 = //8073	CW	(JPL)
M95	8073	25-5	1134	Tue	V BNGC (x3) DE XSV85 (x2) HR MSG PSE CY NR 0372 CK 167 35 0525 1620 = //4364	CW	(JPL)
M95	4243	25-5	1150	Tue	VVHR MSG PSE CY NR 041 CK 65 35 0525 1542 = 5AA .TT TU5 3U6 3A4 5T7 5TD ...	CW	(JPL)
M95	5479	25-5	1207z	Tue	V YHxD (x3) DE SAQC (x2) //10722	CW	(JPL)
M95	10722	25-5	1207z	Tue	V YHxD (x3) DE SAQC (x2) //5479	CW	(JPL)
M95	3968	25-5	1939	Tue	V YHxD (x3) DE SAQC (x2) //6936	CW	(JPL)
M95	6936	25-5	1939z	Tue	V YHxD (x3) DE SAQC (x2) //3968	CW	(JPL)
MFSK-6	12177	15-5	X06b	Sat	111666 before E07a. also at 0709 UTC	MFSK-6	(AB)
MX	5094	7-5	2054	Fri	Beacon V	CW	(AB)
MX	5156.8	11-5	1719	Tue	Beacon L, St Petersburg	CW	(AB)
MX	5094	11-5	1720	Tue	Beacon V	CW	(AB)
MX	20048.1	22-5	0711	Sat	Beacon A, Astrakhan	CW	(F5JBR)
P03e	14415	2-5	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	2-5	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	2-5	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	2-5	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	4-5	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	4-5	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	7-5	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	7-5	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	9-5	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	14415	9-5	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	5149	9-5	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	9-5	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	11-5	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	11-5	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	14-5	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	14-5	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	16-5	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	14415	16-5	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	16-5	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	16-5	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	18-5	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	18-5	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	21-5	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	21-5	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	23-5	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	23-5	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	23-5	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	23-5	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(AB)
P03e	5149	25-5	1725	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)

P03e	5149	25-5	1730	Tue	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	28-5	1440	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	28-5	1445	Fri	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	30-5	1440	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	14415	30-5	1445	Sun	Polish intel.	QPSK 100Bd/488bp	(AB/MPJ)
P03e	5149	30-5	1725	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03e	5149	30-5	1730	Sun	Polish intel.	QPSK 100Bd/488bp	(MPJ)
P03f	13537	5-5	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	5-5	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	17-5	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	17-5	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	19-5	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	19-5	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	24-5	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	24-5	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	26-5	0530	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	26-5	0535	Wed	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	31-5	0530	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03f	13537	31-5	0535	Mon	Polish intel.	QPSK 200Bd/496bp	(AB)
P03j	17410	5-5	0630	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	5-5	0635	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	5-5	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	5-5	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	7-5	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	16335	7-5	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	17410	10-5	0630	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	10-5	0635	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	12-5	0630	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	12-5	0635	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	12-5	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	12-5	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	14-5	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	14-5	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	17410	17-5	0630	Mon	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	17410	17-5	0635	Mon	Polish intel.	QPSK 100Bd/504bp	(AB-POL)
P03j	17410	19-5	0630	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	19-5	0635	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	19-5	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	19-5	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	21-5	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL/MPJ)
P03j	16335	21-5	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(AB-POL/MPJ)
P03j	17410	24-5	0630	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	24-5	0635	Mon	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	17410	26-5	0630	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)

P03j	17410	26-5	0635	Wed	Polish intel.	QPSK 100Bd/504bp	(AB)
P03j	16335	26-5	1330	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	26-5	1335	Wed	Polish intel.	QPSK 100Bd/504bp	(AB/MPJ)
P03j	16335	28-5	1330	Fri	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03j	16335	28-5	1335	Fri	Polish intel.	QPSK 100Bd/504bp	(MPJ)
P03k	6304	1-5	0500	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	1-5	0505	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	1-5	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	1-5	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	1-5	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	1-5	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	6304	2-5	0500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6304	2-5	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	2-5	0505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	6940	2-5	0510	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	2-5	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	2-5	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	2-5	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	2-5	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	3-5	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	3-5	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	3-5	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	3-5	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	4-5	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	4-5	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	5-5	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	5-5	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	7-5	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	7-5	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	7-5	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	7-5	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	8-5	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	8-5	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	8-5	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	8-5	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	9-5	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	9-5	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	9-5	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	9130	9-5	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	12385	10-5	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	10-5	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	10-5	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	10-5	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	11-5	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)

P03k	13873	11-5	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	12-5	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	12-5	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	14-5	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	14-5	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	14-5	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	5779	14-5	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	13873	15-5	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	15-5	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	15-5	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	16125	15-5	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	12385	16-5	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	16-5	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	16-5	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	9130	16-5	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	17-5	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	17-5	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	17-5	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	17-5	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	18-5	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	18-5	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	19-5	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	19-5	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	21-5	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	21-5	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	21-5	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	21-5	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	22-5	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	22-5	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	22-5	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	22-5	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	23-5	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	23-5	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	23-5	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	23-5	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	24-5	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	24-5	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	24-5	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	24-5	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	25-5	1140	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	25-5	1145	Tue	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	26-5	1600	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	16125	26-5	1605	Wed	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	28-5	1500	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)

P03k	9130	28-5	1505	Fri	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	5779	28-5	1635	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	28-5	1640	Fri	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	13873	29-5	1140	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	13873	29-5	1145	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	29-5	1600	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	16125	29-5	1605	Sat	Polish intel.	BPSK 100Bd/480bp	(AB)
P03k	12385	30-5	1410	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	30-5	1415	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	30-5	1500	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	9130	30-5	1505	Sun	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	12385	31-5	1410	Mon	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	12385	31-5	1415	Mon	Polish intel.	BPSK 100Bd/480bp	(MPJ)
P03k	5779	31-5	1635	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03k	5779	31-5	1640	Mon	Polish intel.	BPSK 100Bd/480bp	(AB/MPJ)
P03l	8597	2-5	1120	Sun	Polish intel.	QPSK 100Bd/464pb	(AB/MPJ)
P03l	8597	2-5	1125	Sun	Polish intel.	QPSK 100Bd/464pb	(AB/MPJ)
P03l	8597	5-5	1120	Wed	Polish intel.	QPSK 100Bd/464pb	(AB/MPJ)
P03l	8597	5-5	1125	Wed	Polish intel.	QPSK 100Bd/464pb	(AB/MPJ)
P03l	8597	9-5	1120	Sun	Polish intel.	QPSK 100Bd/464pb	(MPJ)
P03l	8597	9-5	1125	Sun	Polish intel.	QPSK 100Bd/464pb	(MPJ)
P03l	8597	12-5	1120	Wed	Polish intel.	QPSK 100Bd/464pb	(AB/MPJ)
P03l	8597	12-5	1125	Wed	Polish intel.	QPSK 100Bd/464pb	(AB/MPJ)
P03l	8597	16-5	1120	Sun	Polish intel.	QPSK 100Bd/464pb	(AB)
P03l	8597	16-5	1125	Sun	Polish intel.	QPSK 100Bd/464pb	(AB)
P03l	8597	19-5	1120	Wed	Polish intel.	QPSK 100Bd/464pb	(AB/MPJ-POL)
P03l	8597	19-5	1125	Wed	Polish intel.	QPSK 100Bd/464pb	(AB/MPJ-POL)
P03l	8597	26-5	1120	Wed	Polish intel.	QPSK 100Bd/464pb	(AB)
P03l	8597	26-5	1125	Wed	Polish intel.	QPSK 100Bd/464pb	(AB)
P03l	8597	30-5	1120	Sun	Polish intel.	QPSK 100Bd/464pb	(AB/MPJ)
P03l	8597	30-5	1125	Sun	Polish intel.	QPSK 100Bd/464pb	(AB/MPJ)
Q26	4364	11-5	1130	Tue	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	11-5	1130	Tue	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	11-5	1143	Tue	Messages //9054	4+4 QPSK 75/3000 LSB	(JPL)
Q26	9054	11-5	1143	Tue	Messages //4243	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	13-5	1131	Thu	XSV85 messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	13-5	1131	Thu	XSV85 messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4364	25-5	1134	Tue	XSV85 sending messages //8073	4+4 QPSK 75/3000 LSB	(JPL)
Q26	8073	25-5	1134	Tue	XSV85 sending messages //4364	4+4 QPSK 75/3000 LSB	(JPL)
Q26	4243	25-5	1145	Tue	Messages	4+4 QPSK 75/3000 LSB	(JPL)
RMv	5045	11-5	1415	Tue	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 3454. 16 chasov 15 minut konec svyazi	USB	(Gwr)
RMv	5045	12-5	1412	Wed	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 7257. 16 chasov 15 minut konec svyazi	USB	(AB)
RMv	5045	13-5	1412	Thu	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6586. 16 chasov 15 minut konec svyazi	USB	(AB)
RMv	5045	14-5	1412	Fri	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 2645. 16 chasov 15 minut konec svyazi	USB	(AB/Gwr)

RMv	5045	17-5	1415	Mon	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 6593. 16 chasov 15 minut konec svyazi	USB	(Gwr)
RMv	5045	18-5	1413	Tue	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 3839. 16 chasov 14 minut konec svyazi	USB	(AB)
RMv	5045	19-5	1411	Wed	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 4729 . 16 chasov 15 minut konec svyazi	USB	(AB/Gwr)
RMv	5045	20-5	1412	Thu	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 3159. 16 chasov 15 minut konec svyazi	USB	(AB)
RMv	5045	21-5	1410	Fri	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 4832. 16 chasov 14 minut konec svyazi	USB	(AB)
RMv	5045	24-5	1412	Mon	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 5543. 16 chasov 15 minut konec svyazi	USB	(AB)
RMv	5045	25-5	1412	Tue	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 9673. Stop/restart with a different code: Signal 8693. 16 chasov 15 minut konec svyazi	USB	(AB/Gwr)
RMv	5045	26-5	1412	Wed	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 9673. 16 chasov 15 minut konec svyazi	USB	(AB)
RMv	5045	27-5	1412	Thu	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 8752. 16 chasov 14 minut konec svyazi	USB	(AB/Gwr)
RMv	5045	28-5	1412	Fri	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 9847. 16 chasov 15 minut konec svyazi	USB	(Gwr)
RMv	5045	31-5	1413	Mon	Tsaplya Tsaplya Ya Znamya primite radiogrammu. Signal 1543. 16 chasov 15 minut konec svyazi	USB	(Gwr)
S06	14735	1-5	0930	Sat	480 275 41 77479 03752 62892 ... 01994 73310 61447 275 41 00000	USB	(PY)
S06	12207	1-5	1000	Sat	480 275 41 77479 03752 62892 ... 01994 73310 61447 275 41 00000	USB	(PY)
S06	13457	1-5	1300	Sat	480 275 41 77479 03752 62892 ... 01994 73310 61447 275 41 00000	USB	(PY)
S06	11128	1-5	1330	Sat	480 275 41 77479 03752 62892 ... 01994 73310 61447 275 41 00000	USB	(AB)
S06	11128	1-5	1330	Sat	480 275 41 77479 03752 62892 ... 01994 73310 61447 275 41 00000	USB	(PY)
S06	12207	2-5	0930	Sun	480 275 41 77479 03752 62892 ... 01994 73310 61447 275 41 00000	USB	(Subilo)
S06	14735	2-5	0930	Sun	480 275 41 77479 03752 62892 ... 01994 73310 61447 275 41 00000	USB	(Subilo)
S06	7561	7-5	2000	Fri	768:0	USB	(HFD)
S06	7561	7-5	2000	Fri	768 768 768 00000	USB	(AB)
S06	11616	11-5	0400	Tue	480 153 54 57315 23149 50673 ... 76463 48536 18694 153 54 00000 brief signal interruptions during transmission	USB	(PY)
S06	11616	11-5	0420	Tue	480 for less than a minute	USB	(PY)
S06	9322	11-5	0421	Tue	480 153 54 57315 23149 50673 ... 76463 48536 18694 153 54 00000	USB	(PY)
S06	11616	12-5	0400	Wed	480 792 55 62741 29437 12329 ... 43877 29389 16169 792 55 missing 00000 outro group, "woop woop" feedback in TX noise before and after voice transmission	USB	(PY)
S06	9322	12-5	0420	Wed	480 792 55 62741 29437 12329 ... 43877 29389 16169 792 55 missing 00000 outro group and feedback as well	USB	(PY)
S06	11616	13-5	0400	Thu	480 351 57 02823 25818 76778 ... 21879 38107 55746 351 57 00000	USB	(PY)
S06	9322	13-5	0420	Thu	480 351 57 02823 25818 76778 ... 21879 38107 55746 351 57 00000	USB	(PY)
S06	17475	13-5	0830	Thu	842 916 35 98579 80803 40248 ... 26291 71282 98360 916 35 00000	USB	(PY)
S06	14736	13-5	0930	Thu	842 916 35 98579 80803 40248 ... 26291 71282 98360 916 35 00000	USB	(PY)
S06	11616	14-5	0400	Fri	480 267 52 02120 27506 60764 ... 97733 96476 49710 267 52 00000	USB	(PY)
S06	9322	14-5	0420	Fri	480 267 52 02120 27506 60764 ... 97733 96476 49710 267 52 00000	USB	(PY)
S06	17475	14-5	0830	Fri	842-278/36=50437 via KiwiSDR RUS	USB	(HFD-RUS)
S06	17475	14-5	0830	Fri	842 916 35 98579 80803 40248 ... 26291 71282 98360 916 35 00000	USB	(PY)
S06	14726	14-5	0930	Fri	842 916 35 98579 80803 40248 ... 26291 71282 98360 916 35 00000	USB	(PY)
S06	14736	14-5	0930	Fri	842 via KiwiSDR RUS	USB	(HFD-RUS)
S06	13547	15-5	1300	Sat	480 639 44 52066 01630 66200 ... 60429 13963 73321 639 44 00000	USB	(AB/PY)
S06	11128	15-5	1330	Sat	480 639 44 52066 01630 66200 ... 60429 13963 73321 639 44 00000	USB	(AB/PY)
S06	14735	16-5	0930	Sun	480 639 44 52066 01630 66200 ... 60429 13963 73321 639 44 00000	USB	(AB/PY)
S06	12207	16-5	1000	Sun	480 639 44 52066 01630 66200 ... 60429 13963 73321 639 44 00000	USB	(AB/PY)
S06	11616	17-5	0400	Mon	480 935 54 94313 01273 86948 ... 30318 70635 59633 935 54 00000	USB	(PY)
S06	9322	17-5	0420	Mon	480 935 54 94313 01273 86948 ... 30318 70635 59633 935 54 00000	USB	(PY)

S06	11616	18-5	0400	Tue	480 621 51 62056 67892 42259 ... 43935 73118 40119 621 51 00000	USB	(PY)
S06	9322	18-5	0420	Tue	480 621 51 62056 67892 42259 ... 43935 73118 40119 621 51 00000	USB	(PY)
S06	11616	19-5	0400	Wed	480 795 54 37923 67072 37030 ... 92516 27683 84434 795 54 00000 signal interruption during message	USB	(PY)
S06	9322	19-5	0420	Wed	480 795 54 37923 67072 37030 ... 92516 27683 84434 795 54 00000 signal interruption during callup	USB	(PY)
S06	11616	20-5	0400	Thu	480 123 55 45635 57834 40917 ... 63615 23246 33351 123 55 00000	USB	(PY)
S06	9322	20-5	0420	Thu	480 123 55 45635 57834 40917 ... 63615 23246 33351 123 55 00000	USB	(PY)
S06	17475	20-5	0830	Thu	842 507 36 48500 76627 39332 ... 67085 03531 96084 507 36 00000	USB	(PY)
S06	14736	20-5	0930	Thu	842 507 36 48500 76627 39332 ... 67085 03531 96084 507 36 00000	USB	(PY)
S06	11616	21-5	0401	Fri	480 672 51 11742 30244 32274 ... 53551 65824 76050 672 51 00000 Late start, "woop woop" feedback before and after transmission, and during pauses	USB	(PY)
S06	11616	21-5	0412	Fri	Message ends, feedback resumes. 480 spoken once at 0414 UTC. Feedback stops at 1415 UTC. Carrier off at 0419 UTC	USB	(PY)
S06	9322	21-5	0420	Fri	480 672 51 11742 30244 32274 ... 53551 65824 76050 672 51 00000 "woop woop" feedback before and after transmission, and during pauses	USB	(PY)
S06	17475	21-5	0830	Fri	842 507 36 48500 76627 39332 ... 67085 03531 96084 507 36 00000	USB	(PY)
S06	14736	21-5	0930	Fri	842 507 36 48500 76627 39332 ... 67085 03531 96084 507 36 00000	USB	(PY)
S06	9465	21-5	1900	Fri	768 768 768 00000	USB	(AB)
S06	7561	21-5	2000	Fri	768 768 768 00000	USB	(AB)
S06	13547	22-5	1300	Sat	480 751 43 57923 15689 38290 ... 70335 30175 82115 751 43 00000	USB	(AB/PY/HFD)
S06	11128	22-5	1330	Sat	480 751 43 57923 15689 38290 ... 70335 30175 82115 751 43 00000	USB	(AB/PY/MPJ-HOL/HFD)
S06	11616	23-5	0400	Sun	480 539 56 08890 31206 98217 ... 22428 14356 05246 539 56 00000 Transmitter noise after the message, 480 said at 0416 UTC	USB	(PY)
S06	9322	23-5	0420	Sun	539 spoken twice, then 480 callup for 6 minutes 480 539 56 08890 31206 98217 ... 22428 14356 05246 539 56 00000	USB	(PY)
S06	14735	23-5	0930	Sun	480 751 43 57923 15689 38290 ... 70335 30175 82115 751 43 00000	USB	(AB/PY/HFD)
S06	12207	23-5	1000	Sun	480 751 43 57923 15689 38290 ... 70335 30175 82115 751 43 00000	USB	(AB/PY/MPJ/HFD)
S06	11616	25-5	0400	Tue	480 126 68 49682 10728 05577 ... 31953 25700 09988 126 48 00000 signal interruptions during message	USB	(PY)
S06	9322	25-5	0420	Tue	480 126 68 49682 10728 05577 ... 31953 25700 09988 126 48 00000	USB	(PY)
S06	11616	26-5	0400	Wed	480 975 57 87475 12574 75046 ... 16514 78461 50975 975 57 00000 signal interruptions during TX	USB	(PY)
S06	9322	26-5	0420	Wed	480 975 57 87475 12574 75046 ... 16514 78461 50975 975 57 00000	USB	(PY)
S06	11616	27-5	0400	Thu	480 312 68 38805 70481 30106 ... 32882 40026 11532 312 68 00000	USB	(PY)
S06	9322	27-5	0420	Thu	480 312 68 38805 70481 30106 ... 32882 40026 11532 312 68 00000	USB	(PY)
S06	17475	27-5	0830	Thu	not heard	USB	(PY)
S06	14736	27-5	0930	Thu	842 619 37 94986 05014 52817 ... 04119 03915 34757 619 37 00000	USB	(PY)
S06	11616	28-5	0400	Fri	480 679 65 26711 86005 33889 ... 87896 24678 00574 679 65 00000	USB	(PY)
S06	9322	28-5	0420	Fri	480 679 65 26711 86005 33889 ... 87896 24678 00574 679 65 00000	USB	(PY)
S06	17475	28-5	0830	Fri	842 619 37 94986 05014 52817 ... 04119 03915 34757 619 37 00000	USB	(PY)
S06	14736	28-5	0930	Fri	842 619 37 94986 05014 52817 ... 04119 03915 34757 619 37 00000	USB	(PY)
S06	11616	31-5	0400	Mon	480 325 55 48799 46639 30018 ... 06029 71282 98342 325 55 00000	USB	(PY)
S06	9322	31-5	0420	Mon	480 325 55 48799 46639 30018 ... 06029 71282 98342 325 55 00000	USB	(PY)
S06a	6844	7-5	0900	Fri	239 410 5 22769 13577 74526 46647 79202 410 5 00000	USB	(AB)
S06a	7161	7-5	0910	Fri	239 410 5 22769 13577 74526 46647 79202 410 5 00000	USB	(AB)
S06a	6844	14-5	0900	Fri	239 410 5 22769 13577 74526 46647 79202 410 5 00000	USB	(AB)
S06a	7161	14-5	0910	Fri	239 410 5 22769 13577 74526 46647 79202 410 5 00000	USB	(AB)

S06a	6844	21-5	0900	Fri	239 416 5 88620 58069 61732 74537 57440 416 5 00000	USB	(AB)
S06a	7161	21-5	0910	Fri	239 416 5 88620 58069 61732 74537 57440 416 5 00000	USB	(AB)
S06a	6844	28-5	0900	Fri	239 416 5 88620 58069 61732 74537 57440 416 5 00000	USB	(AB)
S06a	7161	28-5	0910	Fri	239 416 5 88620 58069 61732 74537 57440 416 5 00000	USB	(AB)
S06c	14379	25-5	1450	Tue	11031 (R4m)	USB	(Subilo)
S06c	12107	25-5	1500	Tue	11031 (R4m)	USB	(T101)
S06s	12460	1-5	0800	Sat	132 497 5 83630 93731 58291 64212 67195 497 5 00000	USB	(AB/HFD)
S06s	10250	1-5	0810	Sat	132 497 5 83630 93731 58291 64212 67195 497 5 00000	USB	(AB/HFD)
S06s	16320	3-5	0630	Mon	462 851 7 46062 68672 97478 39658 30485 96632 52537 851 7 00000	USB	(AB/HFD-I)
S06s	14875	3-5	0640	Mon	462 851 7 46062 68672 97478 39658 30485 96632 52537 851 7 00000	USB	(AB/HFD)
S06s	8221	3-5	0830	Mon	764 910 5 21767 53627 11834 81022 36903 910 5 00000	USB	(AB/HFD)
S06s	9353	3-5	0840	Mon	764 910 5 21767 53627 11834 81022 36903 910 5 00000	USB	(AB/HFD)
S06s	16380	3-5	0900	Mon	232 915 6 05899 50387 45847 23013 89758 52343 915 6 00000	USB	(AB/HFD)
S06s	14835	3-5	0910	Mon	232 915 6 05899 50387 45847 23013 89758 52343 915 6 00000	USB	(AB/HFD)
S06s	10230	3-5	1200	Mon	149 572 6 26634 14690 95590 60386 03009 81413 527 6 00000	USB	(AB/HFD)
S06s	12165	3-5	1210	Mon	149 572 6 26634 14690 95590 60386 03009 81413 527 6 00000	USB	(AB/HFD)
S06s	15945	4-5	0600	Tue	438 901 5 47665 94092 48521 63888 92060 901 5 00000	USB	(AB-POL)
S06S	15945	4-5	0600	Tue	438-901/5=47665	USB	(HFD)
S06s	16945	4-5	0610	Tue	438 901 5 47665 94092 48521 63888 92060 901 5 00000	USB	(AB-POL)
S06s	5430	4-5	0700	Tue	452 810 6 70302 53516 25616 56069 96813 14199 810 6 00000	USB	(AB)
S06s	6780	4-5	0710	Tue	452 810 6 70302 53516 25616 56069 96813 14199 810 6 00000	USB	(AB)
S06S	7365	4-5	0730	Tue	427-890/5=53516	USB	(HFD)
S06s	7365	4-5	0730	Tue	427 890 5 53516 25616 56069 96813 14199 890 5 00000	USB	(AB/HFD)
S06s	11655	4-5	0740	Tue	427 890 5 53516 25616 56069 96813 14199 890 5 00000	USB	(AB/HFD)
S06s	14373	4-5	0800	Tue	127 809 5 42997 94184 47347 74154 08531 809 5 00000	USB	(AB-POL/HFD)
S06S	14373	4-5	0800	Tue	127-809/5=42977	USB	(HFD)
S06s	12935	4-5	0810	Tue	127 809 5 42997 94184 47347 74154 08531 809 5 00000	USB	(AB/HFD)
S06s	4820	4-5	1000	Tue	427 903 5 84090 09531 88430 33240 61135 903 5 00000	USB	(AB-POL/HFD-RUS)
S06S	4820	4-5	1000	Tue	427-903/5=84090 via KiwiSDR UKR	USB	(HFD-RUS)
S06s	5660	4-5	1010	Tue	427 903 5 84090 09531 88430 33240 61135 903 5 00000	USB	(AB-POL/HFD-UKR)
S06s	6810	4-5	1100	Tue	265 480 7 76342 15009 34140 78386 91494 82963 24162 408 7 00000	USB	(AB-POL)
S06s	7560	4-5	1110	Tue	265 480 7 76342 15009 34140 78386 91494 82963 24162 408 7 00000	USB	(AB)
S06s	11565	5-5	0830	Wed	464 231 5 17099 94961 35826 65906 77233 231 5 00000	USB	(AB/HFD)
S06s	12560	5-5	0840	Wed	464 231 5 17099 94961 35826 65906 77233 231 5 00000	USB	(AB/HFD)
S06s	14580	5-5	1000	Wed	276 418 5 88280 84116 53718 78927 34694 418 5 00000	USB	(AB/ES)
S06s	16020	5-5	1010	Wed	276 418 5 88280 84116 53718 78927 34694 418 5 00000	USB	(AB/ES)
S06s	11530	6-5	0730	Thu	172 840 5 76453 23165 78634 97853 24311 840 5 00000	USB	(AB/HFD)
S06s	14977	6-5	0740	Thu	172 840 5 76453 23165 78634 97853 24311 840 5 00000	USB	(AB/HFD)
S06s	9255	6-5	0930	Thu	698 237 5 46062 68672 97478 39685 30485 237 5 00000	USB	(AB/HFD)
S06s	10325	6-5	0940	Thu	698 237 5 46062 68672 97478 39685 30485 237 5 00000	USB	(AB/HFD)
S06s	13415	6-5	1200	Thu	175 289 6 88620 58069 61732 74537 57440 10597 289 6 00000	USB	(AB/MPJ/HFD)
S06s	14535	6-5	1210	Thu	175 289 6 88620 58069 61732 74537 57440 10597 289 6 00000	USB	(AB/MPJ/HFD)
S06s	9655	7-5	0810	Fri	156 920 7 88620 58069 61742 74537 57440 10597 23521 920 7 00000	USB	(AB/HFD)
S06s	10290	7-5	0830	Fri	156 920 7 88620 58069 61742 74537 57440 10597 23521 920 7 00000	USB	(AB/HFD)

S06S	6844	7-5	0900	Fri	239 410 5 22769 13577 74526 46647 79202 410 5 00000	USB	(HFD)
S06S	7161	7-5	0910	Fri	239 410 5 22769 13577 74526 46647 79202 410 5 00000	USB	(HFD)
S06s	16320	10-5	0630	Mon	462 851 7 46062 68672 97478 39658 30485 96632 52537 851 7 00000	USB	(AB)
S06s	14875	10-5	0640	Mon	462 851 7 46062 68672 97478 39658 30485 96632 52537 851 7 00000	USB	(AB)
S06s	8221	10-5	0830	Mon	764 910 5 21767 53627 11834 81022 36903 910 5 00000	USB	(AB)
S06s	9353	10-5	0840	Mon	764 910 5 21767 53627 11834 81022 36903 910 5 00000	USB	(AB)
S06s	16380	10-5	0900	Mon	232 915 6 05899 50387 45847 23013 89758 52343 915 6 00000	USB	(AB)
S06s	14835	10-5	0910	Mon	232 915 6 05899 50387 45847 23013 89758 52343 915 6 00000	USB	(AB)
S06s	10230	10-5	1200	Mon	149 572 6 26634 14690 95590 60386 03009 81413 527 6 00000	USB	(AB/MPJ-HOL)
S06s	12165	10-5	1210	Mon	149 572 6 26634 14690 95590 60386 03009 81413 527 6 00000	USB	(AB/MPJ-HOL)
S06s	15945	11-5	0600	Tue	438 901 5 47665 94092 48521 63888 92060 901 5 00000	USB	(AB)
S06s	16945	11-5	0610	Tue	438 901 5 47665 94092 48521 63888 92060 901 5 00000	USB	(AB)
S06s	5430	11-5	0700	Tue	452 810 6 70302 53516 25616 56069 96813 14199 810 6 00000	USB	(AB)
S06s	6780	11-5	0710	Tue	452 810 6 70302 53516 25616 56069 96813 14199 810 6 00000	USB	(AB)
S06s	7365	11-5	0730	Tue	427 890 5 53516 25616 56069 96813 14199 890 5 00000	USB	(AB)
S06s	11655	11-5	0740	Tue	427 890 5 53516 25616 56069 96813 14199 890 5 00000	USB	(AB)
S06s	14373	11-5	0800	Tue	127 809 5 42997 94184 47347 74154 08531 809 5 00000	USB	(AB)
S06s	12935	11-5	0810	Tue	127 809 5 42997 94184 47347 74154 08531 809 5 00000	USB	(AB)
S06s	4820	11-5	1000	Tue	427 903 5 84090 09531 88430 33240 61135 903 5 00000	USB	(AB-POL)
S06s	5660	11-5	1010	Tue	427 903 5 84090 09531 88430 33240 61135 903 5 00000	USB	(AB-POL)
S06s	6810	11-5	1100	Tue	265 480 7 76342 15009 34140 78386 91494 82963 24162 408 7 00000	USB	(AB-POL/MPJ-HNG/HFD-RUS)
S06s	7560	11-5	1110	Tue	265 480 7 76342 15009 34140 78386 91494 82963 24162 408 7 00000	USB	(AB/MPJ-HNG/HFD-RUS)
S06s	11565	12-5	0830	Wed	464 231 5 17099 94961 35826 65906 77233 231 5 00000	USB	(AB)
S06s	12560	12-5	0840	Wed	464 231 5 17099 94961 35826 65906 77233 231 5 00000	USB	(AB)
S06s	14580	12-5	1000	Wed	276 418 5 88280 84116 53718 78927 34694 418 5 00000	USB	(AB)
S06s	16020	12-5	1010	Wed	276 418 5 88280 84116 53718 78927 34694 418 5 00000	USB	(AB)
S06s	11530	13-5	0730	Thu	172 840 5 76453 23165 78634 97853 24311 840 5 00000	USB	(AB)
S06s	14977	13-5	0740	Thu	172 840 5 76453 23165 78634 97853 24311 840 5 00000	USB	(AB)
S06s	9255	13-5	0930	Thu	698 237 5 46062 68672 97478 39685 30485 237 5 00000	USB	(AB)
S06s	10325	13-5	0940	Thu	698 237 5 46062 68672 97478 39685 30485 237 5 00000	USB	(AB)
S06s	13145	13-5	1200	Thu	175 289 6 88620 58069 61732 74537 57440 10597 289 6 00000	USB	(AB)
S06s	14535	13-5	1210	Thu	175 289 6 88620 58069 61732 74537 57440 10597 289 6 00000	USB	(AB)
S06s	9655	14-5	0810	Fri	156 920 7 88620 58069 61742 74537 57440 10597 23521 920 7 00000	USB	(AB)
S06s	10290	14-5	0830	Fri	156 920 7 88620 58069 61742 74537 57440 10597 23521 920 7 00000	USB	(AB)
S06s	16320	17-5	0630	Mon	462 508 7 46062 68672 97468 39685 30485 96632 52537 508 7 00000	USB	(AB-POL)
S06s	14875	17-5	0640	Mon	462 508 7 46062 68672 97468 39685 30485 96632 52537 508 7 00000	USB	(AB)
S06s	8221	17-5	0830	Mon	764 918 5 21767 53672 11834 81022 36903 918 5 00000	USB	(AB)
S06s	9353	17-5	0840	Mon	764 918 5 21767 53672 11834 81022 36903 918 5 00000	USB	(AB)
S06s	16380	17-5	0900	Mon	232 489 5 52401 63919 92699 14600 76248 489 5 00000	USB	(AB)
S06s	14835	17-5	0910	Mon	232 489 5 52401 63919 92699 14600 76248 489 5 00000	USB	(AB)
S06s	10230	17-5	1200	Mon	149 906 5 88620 58069 61732 74537 57440 906 5 00000	USB	(AB/MPJ)
S06s	12165	17-5	1210	Mon	149 906 5 88620 58069 61732 74537 57440 906 5 00000	USB	(AB/MPJ)
S06s	15945	18-5	0600	Tue	438 920 5 39534 17228 15636 47891 23247 920 5 00000	USB	(AB)

S06s	16945	18-5	0610	Tue	438 920 5 39534 17228 15636 47891 23247 920 5 00000	USB	(AB)
S06s	5430	18-5	0700	Tue	452 918 6 11171 64385 82707 06123 85642 14376 918 6 00000	USB	(AB)
S06s	6780	18-5	0710	Tue	452 918 6 11171 64385 82707 06123 85642 14376 918 6 00000	USB	(AB)
S06s	7365	18-5	0730	Tue	427 908 5 49614 66248 49678 16865 21715 908 5 00000	USB	(AB)
S06s	11655	18-5	0740	Tue	427 908 5 49614 66248 49678 16865 21715 908 5 00000	USB	(AB)
S06s	14373	18-5	0800	Tue	127 834 5 56748 89645 34216 67453 67662 834 5 00000	USB	(AB)
S06s	12935	18-5	0810	Tue	127 834 5 56748 89645 34216 67453 67662 834 5 00000	USB	(AB)
S06s	4820	18-5	1000	Tue	427 815 6 33796 52401 65125 01405 33240 67453 815 6 00000	USB	(AB-POL)
S06s	5660	18-5	1010	Tue	427 815 6 33796 52401 65125 01405 33240 67453 815 6 00000	USB	(AB-POL)
S06s	6810	18-5	1100	Tue	265 894 7 56431 34276 89756 45363 23117 88531 88312 894 7 00000	USB	(AB-POL/MPJ-HNG)
S06s	7560	18-5	1110	Tue	265 894 7 56431 34276 89756 45363 23117 88531 88312 894 7 00000	USB	(AB/MPJ-HNG)
S06s	11565	19-5	0830	Wed	464 290 5 33796 13577 74526 46647 79302 290 5 00000	USB	(AB)
S06s	12560	19-5	0840	Wed	464 290 5 33796 13577 74526 46647 79302 290 5 00000	USB	(AB)
S06s	14580	19-5	1000	Wed	276 890 5 88670 58069 61722 64537 57330 890 5 00000	USB	(AB/HFD)
S06s	16020	19-5	1010	Wed	276 890 5 88670 58069 61722 64537 57330 890 5 00000	USB	(AB/HFD)
S06s	11530	20-5	0730	Thu	172 496 5 17099 94961 35826 65906 77233 496 5 00000	USB	(AB)
S06s	14977	20-5	0740	Thu	172 496 5 17099 94961 35826 65906 77233 496 5 00000	USB	(AB)
S06s	9255	20-5	0930	Thu	698 473 5 88280 84116 53718 78927 34694 473 5 00000	USB	(AB)
S06s	10325	20-5	0940	Thu	698 473 5 88280 84116 53718 78927 34694 473 5 00000	USB	(AB)
S06s	13145	20-5	1200	Thu	175 402 6 88620 58069 98875 38761 10059 12814 402 6 00000	USB	(AB)
S06s	14535	20-5	1210	Thu	175 402 6 88620 58069 98875 38761 10059 12814 402 6 00000	USB	(AB)
S06s	9655	21-5	0810	Fri	156 983 7 46062 68672 97478 39685 30495 96632 52537 983 7 00000	USB	(AB)
S06s	10290	21-5	0830	Fri	156 983 7 46062 68672 97478 39685 30495 96632 52537 983 7 00000	USB	(AB)
S06s	16320	24-5	0630	Mon	462 508 7 46062 68672 97468 39685 30485 96632 52537 508 7 00000	USB	(AB)
S06s	14875	24-5	0640	Mon	462 508 7 46062 68672 97468 39685 30485 96632 52537 508 7 00000	USB	(AB)
S06s	8221	24-5	0830	Mon	764 918 5 21767 53672 11834 81022 36903 918 5 00000	USB	(AB)
S06s	9353	24-5	0840	Mon	764 918 5 21767 53672 11834 81022 36903 918 5 00000	USB	(AB)
S06s	16380	24-5	0900	Mon	232 489 5 52401 63919 92699 14600 76248 489 5 00000	USB	(AB)
S06s	14835	24-5	0910	Mon	232 489 5 52401 63919 92699 14600 76248 489 5 00000	USB	(AB)
S06s	10230	24-5	1200	Mon	149 906 5 88620 58069 61732 74537 57440 906 5 00000	USB	(AB/MPJ)
S06s	12165	24-5	1210	Mon	149 906 5 88620 58069 61732 74537 57440 906 5 00000	USB	(AB/MPJ)
S06s	15945	25-5	0600	Tue	438 920 5 39534 17228 15636 47891 23247 920 5 00000	USB	(AB)
S06s	16945	25-5	0610	Tue	438 920 5 39534 17228 15636 47891 23247 920 5 00000	USB	(AB)
S06s	5430	25-5	0700	Tue	452 918 6 11171 64385 82707 06123 85642 14376 918 6 00000	USB	(AB)
S06s	6780	25-5	0710	Tue	452 918 6 11171 64385 82707 06123 85642 14376 918 6 00000	USB	(AB)
S06s	7365	25-5	0730	Tue	427 908 5 49614 66248 49678 16865 21715 908 5 00000	USB	(AB)
S06s	11655	25-5	0740	Tue	427 908 5 49614 66248 49678 16865 21715 908 5 00000	USB	(AB)
S06s	14373	25-5	0800	Tue	127 834 5 56748 89645 34216 67453 67662 834 5 00000	USB	(AB)
S06s	12935	25-5	0810	Tue	127 834 5 56748 89645 34216 67453 67662 834 5 00000	USB	(AB)
S06s	4820	25-5	1000	Tue	427 815 6 33796 52401 65125 01405 33240 67453 815 6 00000	USB	(AB-POL)
S06s	5660	25-5	1010	Tue	427 815 6 33796 52401 65125 01405 33240 67453 815 6 00000	USB	(AB-POL)
S06s	6810	25-5	1100	Tue	265 894 7 56431 34276 89756 45363 23117 88531 88312 894 7 00000	USB	(AB-POL/MPJ)
S06s	7560	25-5	1110	Tue	265 894 7 56431 34276 89756 45363 23117 88531 88312 894 7 00000	USB	(AB/MPJ)
S06s	11565	26-5	0830	Wed	464 290 5 33796 13577 74526 46647 79302 290 5 00000	USB	(AB)

S06s	12560	26-5	0840	Wed	464 290 5 33796 13577 74526 46647 79302 290 5 00000	USB	(AB)
S06s	14580	26-5	1000	Wed	276 890 5 88670 58069 61722 64537 57330 890 5 00000	USB	(AB)
S06s	16020	26-5	1010	Wed	276 890 5 88670 58069 61722 64537 57330 890 5 00000	USB	(AB)
S06s	11530	27-5	0730	Thu	172 496 5 17099 94961 35826 65906 77233 496 5 00000	USB	(AB)
S06s	14977	27-5	0740	Thu	172 496 5 17099 94961 35826 65906 77233 496 5 00000	USB	(AB)
S06s	9255	27-5	0930	Thu	698 473 5 88280 84116 53718 78927 34694 473 5 00000	USB	(AB)
S06s	10325	27-5	0940	Thu	698 473 5 88280 84116 53718 78927 34694 473 5 00000	USB	(AB)
S06s	13145	27-5	1200	Thu	175 402 6 88620 58069 98875 38761 10059 12814 402 6 00000	USB	(AB/MPJ)
S06s	14535	27-5	1210	Thu	175 402 6 88620 58069 98875 38761 10059 12814 402 6 00000	USB	(AB/MPJ)
S06s	9655	28-5	0810	Fri	156 983 7 46062 68672 97478 39685 30495 96632 52537 983 7 00000	USB	(AB)
S06s	10290	28-5	0830	Fri	156 983 7 46062 68672 97478 39685 30495 96632 52537 983 7 00000	USB	(AB)
S06s	16320	31-5	0630	Mon	462 462 462 00000	USB	(AB)
S06s	14875	31-5	0640	Mon	462 462 462 00000	USB	(AB)
S06s	8221	31-5	0830	Mon	764 764 764 00000	USB	(AB)
S06s	9353	31-5	0840	Mon	764 764 764 00000	USB	(AB)
S06s	16380	31-5	0900	Mon	232 232 232 00000	USB	(AB)
S06s	14835	31-5	0910	Mon	232 232 232 00000	USB	(AB)
S06s	10230	31-5	1200	Mon	149 149 149 00000	USB	(MPJ)
S06s	12165	31-5	1210	Mon	149 149 149 00000	USB	(MPJ)
S11a	5149	1-5	0830	Sat	372/36 Vnimanije 33920 54255 60564 ... 48766 58436 64279 Vnimanije (message repeated) Konets	USB	(AB/ES)
S11a	12457	1-5	1850	Sat	288/00	USB	(AB/MPJ/HFD)
S11a	5149	2-5	0830	Sun	372/36 Vnimanije 33920 54255 60564 ... 48766 58436 64279 Vnimanije (message repeated) Konets	USB	(AB/ES/HFD)
S11a	13537	3-5	0510	Mon	650/00	USB	(AB)
S11a	9339	3-5	0700	Mon	479/39 Vnimanije 37498 28433 55153 ... 29625 13853 01768 Vnimanije (message repeated) Konets	USB	(AB/HFD)
S11a	6814	3-5	0915	Mon	481/00	USB	(AB)
S11a	13537	5-5	0510	Wed	654/00	USB	(AB)
S11a	12457	5-5	1850	Wed	281/38 Vnimanije 94917 58067 77302 ... 40005 14155 53633 Vnimanije (message repeated) Konets	USB	(AB/MPJ)
S11a	9339	6-5	0700	Thu	479/39 Vnimanije 37498 28433 55153 ... 29625 13853 01768 Vnimanije (message repeated) Konets	USB	(AB)
S11a	6814	7-5	0915	Fri	484/00	USB	(AB/Gwr)
S11A	6814	7-5	0915	Fri	484/00 x5082	USB	(HFD)
S11a	5149	8-5	0830	Sat	370/00	USB	(AB)
S11a	12457	8-5	1850	Sat	281/38 Vnimanije 94917 58067 77302 ... 40005 14155 53633 Vnimanije (message repeated) Konets	USB	(AB)
S11a	5149	9-5	0830	Sun	376/00	USB	(AB)
S11a	13537	10-5	0510	Mon	655/35 Vnimanije 95433 34817 13108 ... 46961 98791 43541 Vnimanije (message repeated) Konets	USB	(AB/HFD)
S11a	9339	10-5	0700	Mon	478/00	USB	(AB)
S11a	6814	10-5	0915	Mon	484/00	USB	(AB)
S11a	13537	12-5	0510	Wed	655/35 Vnimanije 95433 34817 13108 ... 46961 98791 43541 Vnimanije (message repeated) Konets	USB	(AB)
S11a	12457	12-5	1850	Wed	286/00	USB	(AB)
S11a	9339	13-5	0700	Thu	475/00	USB	(AB)
S11a	6814	14-5	0915	Fri	485/00	USB	(AB/Gwr)
S11a	10125	14-5	1020	Fri	427/32 Vnimanije 41955 90943 08262 ... 51429 53745 24267 50475 Vnimanije (message repeated) Konets	USB	(AB)
S11a	5149	15-5	0830	Sat	378/00	USB	(AB)
S11a	12457	15-5	1850	Sat	280/00	USB	(AB)
S11a	5149	16-5	0830	Sun	372/00	USB	(AB)

S11a	13537	17-5	0510	Mon	651/00	USB	(AB)
S11a	9339	17-5	0700	Mon	479/00	USB	(AB)
S11a	6814	17-5	0915	Mon	485/35 Vnmaniye 90057 68566 60134 ... 39608 13404 25337 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	10125	18-5	1020	Tue	422/00	USB	(AB/HFD)
S11a	13537	19-5	0510	Wed	659/00	USB	(AB-POL)
S11a	12457	19-5	1850	Wed	282/00	USB	(AB/MPJ)
S11a	9339	20-5	0700	Thu	479/00	USB	(AB)
S11a	6814	21-5	0915	Fri	485/35 Vnmaniye 90057 68566 60134 ... 39608 13404 25337 Vnmaniye (message repeated) Konets	USB	(AB)
S11a	10125	21-5	1020	Fri	426/00	USB	(AB)
S11a	5149	22-5	0830	Sat	378/00	USB	(AB)
S11a	12457	22-5	1850	Sat	280/00	USB	(AB)
S11a	5149	23-5	0830	Sun	379/00	USB	(AB)
S11a	13537	24-5	0510	Mon	657/00	USB	(AB)
S11a	9339	24-5	0700	Mon	472/00	USB	(AB)
S11a	6814	24-5	0915	Mon	484/00	USB	(AB)
S11a	10125	25-5	1020	Tue	427/00	USB	(AB)
S11a	13537	26-5	0510	Wed	655/00	USB	(AB)
S11a	12457	26-5	1850	Wed	282/00	USB	(AB/MPJ)
S11a	9339	27-5	0700	Thu	470/00	USB	(AB)
S11a	6814	28-5	0915	Fri	482/00	USB	(AB)
S11a	10125	28-5	1020	Fri	421/00	USB	(AB)
S11a	5149	29-5	0830	Sat	377/00	USB	(AB)
S11a	12457	29-5	1850	Sat	284/00	USB	(AB)
S11a	5149	30-5	0830	Sun	373/00	USB	(AB)
S11a	13537	31-5	0510	Mon	657/00	USB	(AB)
S11a	9339	31-5	0700	Mon	472/00	USB	(AB)
S11a	6814	31-5	0915	Mon	487/00	USB	(AB)
S30	5448	14-5	0922	Fri	JVB1 ShchITONARY 160	USB	(Gwr)
S32	5473	14-5	0908	Fri	Dlya Landysh-74 65716 KOFROShRAM 6737 3548	USB	(Gwr)
S32	5473	14-5	0924	Fri	Al'fa-45 ShchITONARY 160	USB	(Gwr)
SK01	11530	5-5	1658	Wed	Repeat of May 2nd: 47733 88342 44164 71864 33617 20801 Files 130101190944-.txt 130101193606-.txt	AM/Easypal	(AB-USA)
SK01	11530	12-5	1728	Wed	47733 88342 44164 71864 33617 20801 (repeat of 2 May) Files 210512100240-36514416.F1G 210512100516-84023005.TXT 210512095217-04806548.TXT 210512095359-21082325.TXT 210512095557-23252687.TXT	AM/Easypal	(AB-USA)
SK01	11635	12-5	1800	Wed	33617 20801 (repeat of 2 May) + Easypal files	AM/Easypal	(AB-USA)
SK01	11435	25-5	1558	Tue	66012 17241 10803 16171 10125 67090 Files 210512095557-23252687.TXT 210512100240-36514416.F1G	AM/Easypal	(RR2)
SK01	11530	25-5	1728	Tue	47733 88342 44164 71864 33617 20801 (Repeat of 2 May) Files 210512095217-04806548.TXT 210512095359-21082325.TXT 210512095557-23252687.TXT 210512100240-36514416.F1G 210512100355-77787430.TXT 2105121005	AM/Easypal	(AB-USA/RR2)
SK01	11635	25-5	1827	Tue	47733 88342 44164 71864 33617 20801 (repeat of 2 May) Files 210512095217-04806548.TXT 210512095359-21082325.TXT 210512095557-23252687.TXT 210512100240-36514416.F1G 210512100355-77787430.TXT 2105121005	AM/Easypal	(AB-USA/RR2)
SK01	11435	26-5	1628	Wed	47733 88342 44164 71864 33617 20801 (Repeat of 2 May) Files 210512095217-04806548.TXT 210512095359-21082325.TXT 210512095557-23252687.TXT 210512100240-36514416.F1G 210512100355-77787430.TXT 2105121005	AM/Easypal	(AB-USA/RR2)

SK01	11530	26-5	1739	Wed	47733 88342 44164 71864 33617 20801 (Repeat of 2 May) Files 210512095217-04806548.TXT 210512095359-21082325.TXT 210512095557-23252687.TXT 210512100240-36514416.F1G 210512100355-77787430.TXT 2105121005	AM/Easypal	(AB-USA/RR2)
SK01	11435	27-5	1628	Thu	47733 88342 44164 71864 33617 20801 (Repeat of 2 May)	AM/Easypal	(AB-USA)
SK01	11530	27-5	1628	Thu	47733 88342 44164 71864 33617 20801 (Repeat of 2 May)	AM/Easypal	(AB-USA)
SK01	11435	28-5	1628	Fri	47733 88342 44164 71864 33617 20801 (Repeat of 2 May)	AM/Easypal	(AB-USA)
SK01	11530	28-5	1700	Fri	47733 88342 44164 71864 33617 20801 (Repeat of 2 May)	AM/Easypal	(AB-USA)
SK01	11530	28-5	1728	Fri	47733 88342 44164 71864 33617 20801 (Repeat of 2 May)	AM/Easypal	(AB-USA)
UM10	6825	14-5	1026	Fri	10-minutes net: L4BN	CW	(JPL-J)
UM10	6810	16-5	0925	Sun	10-minutes net: 7NPA	CW	(JPL-TWN)
UM10	3350	18-5	1553	Tue	10-minutes net: HAN5 //4129 kHz	CW	(JPL-TWN)
UM10	4129	18-5	1553	Tue	10-minutes net: HAN5 //3350 kHz	CW	(JPL-TWN)
V07	13521	2-5	0300	Sun	514 514 514 1 7931 90 7931 90 97337 59244 20542 ... 64907 39963 25490 000 000	USB	(Dan-J)
V07	12121	2-5	0320	Sun	514 514 514 1 7931 90 7931 90 97337 59244 20542 ... 64907 39963 25490 000 000	USB	(Dan-J)
V07	11421	2-5	0340	Sun	514 514 514 1 7931 90 7931 90 97337 59244 20542 ... 64907 39963 25490 000 000	USB	(Dan-J)
V07	13521	9-5	0300	Sun	514 514 514 1 468 24 468 24 28274 80801 16408 ... 42580 61542 86261 000 000	USB	(Dan-J)
V07	13521	16-5	0300	Sun	514 514 514 1 100 26 100 26 56745 01344 01337 ... 24558 50570 79118 000 000	USB	(ES)
V07	12121	16-5	0320	Sun	514 514 514 1 100 26 100 26 56745 01344 01337 ... 24558 50570 79118 000 000	USB	(ES)
V07	11421	16-5	0340	Sun	514 514 514 1 100 26 100 26 56745 01344 01337 ... 24558 50570 79118 000 000	USB	(ES/Dan)
V07	13521	23-5	0300	Sun	514 514 514 1 9637 68 9637 68 98743 64629 00896 ... 57223 83262 60448 000 000	USB	(HFD-J)
V07	12121	23-5	0320	Sun	514 514 514 1 9637 68 9637 68 98743 64629 00896 ... 57223 83262 60448 000 000	USB	(HFD)
V07	11421	23-5	0340	Sun	514 514 514 1 9637 68 9637 68 98743 64629 00896 ... 57223 83262 60448 000 000	USB	(Dan-J/HFD-J)
V07	13521	31-5	0300	Mon	514 514 514 1 531 54 531 54 41427 88684 21532 ... 51498 69223 97178 65856 000 000	USB	(Dan)
V13	9276	1-5	1200	Sat	New Star Broadcasting not // with 15890 kHz	USB	(AB-J)
V13	15890	1-5	1200	Sat	New Star Broadcasting not // with 9276 kHz	USB	(AB-J)
V13	9276	4-5	1200	Tue	New Star Broadcasting not // with 15890 kHz	USB	(AB-J)
V13	15890	4-5	1200	Tue	New Star Broadcasting not // with 9276 kHz	USB	(AB-J)
V13	9276	5-5	1159	Wed	New Star Broadcasting	USB	(AB-J)
V13	9276	7-5	1200	Fri	New Star Broadcasting not // with 15890 kHz	USB	(AB-J)
V13	15890	7-5	1200	Fri	New Star Broadcasting not // with 9276 kHz	USB	(AB-J)
V13	7502	7-5	1300	Fri	New Star Broadcasting	USB	(AB-J)
V13	7502	7-5	1330	Fri	New Star Broadcasting	USB	(AB-J)
V13	9276	8-5	1200	Sat	New Star Broadcasting not // with 15890 kHz	USB	(AB-TWN)
V13	15890	8-5	1200	Sat	New Star Broadcasting not // with 9276 kHz	USB	(AB-KOR)
V13	7502	8-5	1300	Sat	New Star Broadcasting	USB	(AB-KOR)
V13	7502	8-5	1330	Sat	New Star Broadcasting	USB	(AB-KOR)
V13	9276	9-5	1200	Sun	New Star Broadcasting not // with 15890 kHz	USB	(AB-TWN)
V13	15890	9-5	1200	Sun	New Star Broadcasting not // with 9276 kHz	USB	(AB-RUS)
V13	9276	9-5	1230	Sun	New Star Broadcasting not // with 15890 kHz	USB	(AB-TWN)
V13	15890	9-5	1230	Sun	New Star Broadcasting not // with 9276 kHz	USB	(AB-RUS)
V13	7502	9-5	1300	Sun	New Star Broadcasting	USB	(AB-TWN)
V13	7502	9-5	1330	Sun	New Star Broadcasting	USB	(AB-TWN)
V26	4364	13-5	1130	Thu	XSV85 callup in Chinese voice //8073	USB	(JPL)
V26	8073	13-5	1130	Thu	XSV85 callup in Chinese voice //4364	USB	(JPL)

VC01	5285	1-5	1203	Sat	Chinese Air Defense a.k.a. Chinese Robot i.p.	USB	(AB)
VC01	5318	9-5	1333	Sun	Chinese Air Defense a.k.a. Chinese Robot i.p.	USB	(AB-TWN)
VC01	5318	16-5	1258	Sun	Chinese Air Defense a.k.a. Chinese Robot i.p.	USB	(AB-J)
VC01	5810	16-5	1301	Sun	Chinese Air Defense a.k.a. Chinese Robot i.p.	LSB	(AB-J)
X06	13415	17-5	0725	Mon	MFA Moscow clg 263514	MFSK-6	(AB)
X06b	12182	7-5	1411	Fri	Sequence 111666 before E07a	MFSK-6	(AB)
X06b	13538	11-5	1512	Tue	111666 before XPA2 also at 1517z	MFSK-6	(AB)
X06b	14938	11-5	1515	Tue	111666 before XPA2 also at 1517z	MFSK-6	(AB)
X06b	14438	11-5	1516	Tue	111666 before XPA2	MFSK-6	(AB)
XPA1	11169	4-5	0710	Tue	214 214 214 1 09732 00172 82496 ... 26959 04043 01731	MFSK-20/10Bd	(AB/HFD)
XPA1	12179	4-5	0730	Tue	214 214 214 1 09732 00172 82496 ... 26959 04043 01731	MFSK-20/10Bd	(AB/HFD)
XPA1	13431	4-5	0750	Tue	214 214 214 1 09732 00172 82496 ... 26959 04043 01731	MFSK-20/10Bd	(AB/HFD)
XPA1	13419	5-5	1210	Wed	424 424 424 1 00198 00114 85469 ... 82701 58251 46722	MFSK-20/10Bd	(AB)
XPA1	12219	5-5	1230	Wed	424 424 424 1 00198 00114 85469 ... 82701 58251 46722	MFSK-20/10Bd	(AB)
XPA1	11419	5-5	1250	Wed	424 424 424 1 00198 00114 85469 ... 82701 58251 46722	MFSK-20/10Bd	(AB)
XPA1	11169	6-5	0710	Thu	214 214 214 1 09732 00172 82496 ... 26959 04043 01731	MFSK-20/10Bd	(AB)
XPA1	12179	6-5	0730	Thu	214 214 214 1 09732 00172 82496 ... 26959 04043 01731	MFSK-20/10Bd	(AB)
XPA1	13431	6-5	0750	Thu	214 214 214 1 09732 00172 82496 ... 26959 04043 01731	MFSK-20/10Bd	(AB)
XPA1	13419	7-5	1210	Fri	424 424 424 1 00198 00114 85469 ... 82701 58251 46722	MFSK-20/10Bd	(AB/MPJ/HFD)
XPA1	12219	7-5	1230	Fri	424 424 424 1 00198 00114 85469 ... 82701 58251 46722	MFSK-20/10Bd	(AB/MPJ/HFD)
XPA1	11419	7-5	1250	Fri	424 424 424 1 00198 00114 85469 ... 82701 58251 46722	MFSK-20/10Bd	(AB/MPJ/HFD)
XPA1	11169	11-5	0710	Tue	214 214 214 1 00337 00134 44666 ... 00238 44171 43444	MFSK-20/10Bd	(AB)
XPA1	12179	11-5	0730	Tue	214 214 214 1 00337 00134 44666 ... 00238 44171 43444	MFSK-20/10Bd	(AB)
XPA1	13431	11-5	0750	Tue	214 214 214 1 00337 00134 44666 ... 00238 44171 43444	MFSK-20/10Bd	(AB)
XPA1	13419	12-5	1210	Wed	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB/MPJ)
XPA1	12219	12-5	1230	Wed	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB/MPJ)
XPA1	11419	12-5	1250	Wed	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB/MPJ)
XPA1	11169	13-5	0710	Thu	214 214 214 1 00337 00134 44666 ... 00238 44171 43444	MFSK-20/10Bd	(AB)
XPA1	12179	13-5	0730	Thu	214 214 214 1 00337 00134 44666 ... 00238 44171 43444	MFSK-20/10Bd	(AB)
XPA1	13431	13-5	0750	Thu	214 214 214 1 00337 00134 44666 ... 00238 44171 43444	MFSK-20/10Bd	(AB)
XPA1	13419	14-5	1210	Fri	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB)
XPA1	12219	14-5	1230	Fri	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB/MPJ)
XPA1	11419	14-5	1250	Fri	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB/MPJ)
XPA1	11169	18-5	0710	Tue	Stopped during the start tones	MFSK-20/10Bd	(AB)
XPA1	12179	18-5	0730	Tue	214 214 214 1 00337 00134 44666 ... 00238 44171 43444	MFSK-20/10Bd	(AB)
XPA1	13431	18-5	0750	Tue	214 214 214 1 00337 00134 44666 ... 00238 44171 43444	MFSK-20/10Bd	(AB)
XPA1	13419	19-5	1210	Wed	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB)
XPA1	12219	19-5	1230	Wed	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB)
XPA1	11419	19-5	1250	Wed	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB)
XPA1	11169	20-5	0710	Thu	214 214 214 1 00337 00134 44666 ... 00238 44171 43444	MFSK-20/10Bd	(AB)
XPA1	12179	20-5	0730	Thu	214 214 214 1 00337 00134 44666 ... 00238 44171 43444	MFSK-20/10Bd	(AB)
XPA1	13431	20-5	0750	Thu	214 214 214 1 00337 00134 44666 ... 00238 44171 43444	MFSK-20/10Bd	(AB)
XPA1	12186	20-5	1000	Thu	999 999 999 1 00945 00795 ... increased speed after 3,5 mins, unable to decode	MFSK-20/10Bd	(PY)
XPA1	13419	21-5	1210	Fri	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB)

XPA1	12219	21-5	1230	Fri	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB)
XPA1	11419	21-5	1250	Fri	424 424 424 1 00199 00146 25088 ... 83478 87104 50322	MFSK-20/10Bd	(AB)
XPA1	11169	25-5	0710	Tue	214 214 214 1 00466 00106 59905 ... 18358 07290 61272	MFSK-20/10Bd	(AB)
XPA1	12179	25-5	0730	Tue	214 214 214 1 00466 00106 59905 ... 18358 07290 61272	MFSK-20/10Bd	(AB)
XPA1	13431	25-5	0750	Tue	214 214 214 1 00466 00106 59905 ... 18358 07290 61272	MFSK-20/10Bd	(AB)
XPA1	13419	26-5	1210	Wed	424 424 424 1 00383 00182 38567 ... 31978 64898 07257	MFSK-20/10Bd	(AB)
XPA1	12219	26-5	1230	Wed	424 424 424 1 00383 00182 38567 ... 31978 64898 07257	MFSK-20/10Bd	(AB/MPJ)
XPA1	11419	26-5	1250	Wed	424 424 424 1 00383 00182 38567 ... 31978 64898 07257	MFSK-20/10Bd	(AB)
XPA1	11169	27-5	0710	Thu	214 214 214 1 00466 00106 59905 ... 18358 07290 61272	MFSK-20/10Bd	(AB)
XPA1	12179	27-5	0730	Thu	214 214 214 1 00466 00106 59905 ... 18358 07290 61272	MFSK-20/10Bd	(AB)
XPA1	13431	27-5	0750	Thu	214 214 214 1 00466 00106 59905 ... 18358 07290 61272	MFSK-20/10Bd	(AB)
XPA1	13419	28-5	1210	Fri	424 424 424 1 00383 00182 38567 ... 31978 64898 07257	MFSK-20/10Bd	(AB)
XPA1	12219	28-5	1230	Fri	424 424 424 1 00383 00182 38567 ... 31978 64898 07257	MFSK-20/10Bd	(AB/MPJ)
XPA1	11419	28-5	1250	Fri	424 424 424 1 00383 00182 38567 ... 31978 64898 07257	MFSK-20/10Bd	(AB/MPJ)
XPA2	14794	1-5	0910	Sat	06690 00001 00000 34267	MFSK-16/20Bd	(AB/HFD)
XPA2	13994	1-5	0930	Sat	06690 00001 00000 34267	MFSK-16/20Bd	(AB/HFD)
XPA2	12194	1-5	0950	Sat	06690 00001 00000 34267	MFSK-16/20Bd	(AB/HFD)
XPA2	15938	1-5	1500	Sat	06289 00001 00000 36666	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	14538	1-5	1520	Sat	06289 00001 00000 36666	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13438	1-5	1540	Sat	06289 00001 00000 36666	MFSK-16/20Bd	(AB/MPJ/HFD)
XPA2	13376	2-5	2100	Sun	00203 00222 03585 ... 34768 52780 26412	MFSK-16/20Bd	(AB)
XPA2	11576	2-5	2120	Sun	00203 00222 03585 ... 34768 52780 26412	MFSK-16/20Bd	(AB)
XPA2	10776	2-5	2140	Sun	00203 00222 03585 ... 34768 52780 26412	MFSK-16/20Bd	(AB/RL)
XPA2	12148	3-5	0700	Mon	08220 00184 53007 ... 42039 09632 07550	MFSK-16/20Bd	(AB/HFD)
XPA2	13448	3-5	0720	Mon	08220 00184 53007 ... 42039 09632 07550	MFSK-16/20Bd	(AB/HFD)
XPA2	13948	3-5	0740	Mon	08220 00184 53007 ... 42039 09632 07550	MFSK-16/20Bd	(AB/HFD)
XPA2	17431	3-5	0910	Mon	05217 00001 00000 35656	MFSK-16/20Bd	(AB)
XPA2	15841	3-5	0930	Mon	05217 00001 00000 35656	MFSK-16/20Bd	(AB)
XPA2	13934	3-5	0950	Mon	05217 00001 00000 35656	MFSK-16/20Bd	(AB)
XPA2	15938	3-5	1500	Mon	04109 00001 00000 36254	MFSK-16/20Bd	(AB)
XPA2	14538	3-5	1520	Mon	04109 00001 00000 36254	MFSK-16/20Bd	(AB)
XPA2	13438	3-5	1540	Mon	04109 00001 00000 36254	MFSK-16/20Bd	(AB)
XPA2	16159	4-5	1100	Tue	02975 00001 00000 40261	MFSK-16/20Bd	(AB)
XPA2	14359	4-5	1120	Tue	02975 00001 00000 40261	MFSK-16/20Bd	(AB)
XPA2	13459	4-5	1140	Tue	02975 00001 00000 40261	MFSK-16/20Bd	(AB)
XPA2	13538	4-5	1600	Tue	08256 00001 00000 35265	MFSK-16.20Bd	(AB/MPJ)
XPA2	14438	4-5	1620	Tue	08256 00001 00000 35265	MFSK-16.20Bd	(AB/MPJ)
XPA2	14938	4-5	1640	Tue	08256 00001 00000 35265	MFSK-16.20Bd	(AB/MPJ)
XPA2	13376	4-5	2100	Tue	07454 00166 20517 ... 23807 36454 40553	MFSK-16/20Bd	(AB/HFD)
XPA2	11576	4-5	2120	Tue	07454 00166 20517 ... 23807 36454 40553	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	10776	4-5	2140	Tue	07454 00166 20517 ... 23807 36454 40553	MFSK-16/20Bd	(AB/RL/HFD)
XPA2	12148	5-5	0700	Wed	08220 00184 53007 ... 42039 09632 07550	MFSK-16/20Bd	(AB)
XPA2	13448	5-5	0720	Wed	08220 00184 53007 ... 42039 09632 07550	MFSK-16/20Bd	(AB)
XPA2	13948	5-5	0740	Wed	08220 00184 53007 ... 42039 09632 07550	MFSK-16/20Bd	(AB)

XPA2	17431	5-5	0910	Wed	01073 00001 00000 32660	MFSK-16/20Bd	(AB)
XPA2	15841	5-5	0930	Wed	01073 00001 00000 32660	MFSK-16/20Bd	(AB)
XPA2	13934	5-5	0950	Wed	01073 00001 00000 32660	MFSK-16/20Bd	(AB)
XPA2	16147	5-5	1100	Wed	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB/MPJ)
XPA2	15847	5-5	1120	Wed	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB/MPJ)
XPA2	14747	5-5	1140	Wed	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	5-5	2100	Wed	09297 00168 97739 ... 29270 08536 26622	USB	(AB/RL)
XPA2	11124	5-5	2120	Wed	09297 00168 97739 ... 29270 08536 26622	USB	(AB/RL)
XPA2	10624	5-5	2140	Wed	09297 00168 97739 ... 29270 08536 26622	USB	(AB/RL)
XPA2	14794	6-5	0910	Thu	02904 00176 06532 ... 35404 26709 77110	MFSK-16/20Bd	(AB)
XPA2	13994	6-5	0930	Thu	02904 00176 06532 ... 35404 26709 77110	MFSK-16/20Bd	(AB)
XPA2	12194	6-5	0950	Thu	02904 00176 06532 ... 35404 26709 77110	MFSK-16/20Bd	(AB)
XPA2	16147	6-5	1100	Thu	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB/MPJ)
XPA2	15847	6-5	1120	Thu	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB/MPJ)
XPA2	14747	6-5	1140	Thu	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB/MPJ)
XPA2	13538	6-5	1600	Thu	07228 00001 00000 36261	MFSK-16.20Bd	(AB/MPJ)
XPA2	14438	6-5	1620	Thu	07228 00001 00000 36261	MFSK-16.20Bd	(AB/GHn/MPJ)
XPA2	14938	6-5	1640	Thu	07228 00001 00000 36261	MFSK-16.20Bd	(AB/MPJ)
XPA2	16159	7-5	1100	Fri	03251 00001 00000 22661	MFSK-16/20Bd	(AB/MPJ)
XPA2	14359	7-5	1120	Fri	03251 00001 00000 22661	MFSK-16/20Bd	(AB/MPJ)
XPA2	13459	7-5	1140	Fri	03251 00001 00000 22661	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	7-5	2100	Fri	09297 00168 97739 ... 29270 08536 26622	USB	(AB/RL/HFD)
XPA2	11124	7-5	2120	Fri	09297 00168 97739 ... 29270 08536 26622	USB	(AB/RL/HFD)
XPA2	10624	7-5	2140	Fri	09297 00168 97739 ... 29270 08536 26622	USB	(AB/RL/HFD)
XPA2	14794	8-5	0910	Sat	02904 00176 06532 ... 35404 26709 77110	MFSK-16/20Bd	(AB)
XPA2	13994	8-5	0930	Sat	02904 00176 06532 ... 35404 26709 77110	MFSK-16/20Bd	(AB)
XPA2	12194	8-5	0950	Sat	02904 00176 06532 ... 35404 26709 77110	MFSK-16/20Bd	(AB)
XPA2	15938	8-5	1500	Sat	08729 00001 00000 41262	MFSK-16/20Bd	(AB)
XPA2	14538	8-5	1520	Sat	08729 00001 00000 41262	MFSK-16/20Bd	(AB)
XPA2	13438	8-5	1540	Sat	08729 00001 00000 41262	MFSK-16/20Bd	(AB)
XPA2	13376	9-5	2100	Sun	07454 00166 20517 ... 23807 36454 40553	MFSK-16/20Bd	(AB)
XPA2	11576	9-5	2120	Sun	07454 00166 20517 ... 23807 36454 40553	MFSK-16/20Bd	(AB)
XPA2	10776	9-5	2140	Sun	07454 00166 20517 ... 23807 36454 40553	MFSK-16/20Bd	(AB/RL)
XPA2	12148	10-5	0700	Mon	Stopped during the start tones	MFSK-16/20Bd	(AB)
XPA2	13448	10-5	0720	Mon	00539 00204 82025 ... 19578 09865 20353	MFSK-16/20Bd	(AB)
XPA2	13948	10-5	0740	Mon	00539 00204 82025 ... 19578 09865 20353	MFSK-16/20Bd	(AB-HDS-RUS)
XPA2	17431	10-5	0910	Mon	00487 00114 94944 ... 62483 52804 76725	MFSK-16/20Bd	(AB/HFD-RUS)
XPA2	15841	10-5	0930	Mon	00487 00114 94944 ... 62483 52804 76725	MFSK-16/20Bd	(AB/HFD-RUS)
XPA2	13934	10-5	0950	Mon	00487 00114 94944 ... 62483 52804 76725	MFSK-16/20Bd	(AB)
XPA2	15938	10-5	1500	Mon	01616 00001 00000 37252	MFSK-16/20Bd	(AB)
XPA2	14538	10-5	1520	Mon	01616 00001 00000 37252	MFSK-16/20Bd	(AB)
XPA2	13438	10-5	1540	Mon	01616 00001 00000 37252	MFSK-16/20Bd	(AB)
XPA2	16159	11-5	1100	Tue	00530 00032 61056 ... 16044 13591 67555	MFSK-16/20Bd	(AB/HFD-RUS)
XPA2	14359	11-5	1120	Tue	00530 00032 61056 ... 16044 13591 67555	MFSK-16/20Bd	(AB/HFD-RUS)

XPA2	13459	11-5	1140	Tue	00530 00032 61056 ... 16044 13591 67555	MFSK-16/20Bd	(AB/HFD-RUS)
XPA2	13538	11-5	1600	Tue	04154 00238 94667 ... 10076 32380 35265	MFSK-16.20Bd	(AB/MPJ)
XPA2	14438	11-5	1620	Tue	04154 00238 94667 ... 10076 32380 35265	MFSK-16.20Bd	(AB/MPJ)
XPA2	14938	11-5	1640	Tue	04154 00238 94667 ... 10076 32380 35265	MFSK-16.20Bd	(AB/MPJ)
XPA2	13376	11-5	2100	Tue	00167 00068 13622 ... 59526 39772 60745	MFSK-16/20Bd	(AB)
XPA2	11576	11-5	2120	Tue	00167 00068 13622 ... 59526 39772 60745	MFSK-16/20Bd	(AB)
XPA2	10776	11-5	2140	Tue	00167 00068 13622 ... 59526 39772 60745	MFSK-16/20Bd	(AB)
XPA2	12148	12-5	0700	Wed	00539 00204 82025 ... 19578 09865 20353	MFSK-16/20Bd	(AB)
XPA2	13448	12-5	0720	Wed	00539 00204 82025 ... 19578 09865 20353	MFSK-16/20Bd	(AB)
XPA2	13948	12-5	0740	Wed	00539 00204 82025 ... 19578 09865 20353	MFSK-16/20Bd	(AB)
XPA2	17431	12-5	0910	Wed	00487 00114 94944 ... 62483 52804 76725	MFSK-16/20Bd	(AB)
XPA2	15841	12-5	0930	Wed	00487 00114 94944 ... 62483 52804 76725	MFSK-16/20Bd	(AB)
XPA2	13934	12-5	0950	Wed	00487 00114 94944 ... 62483 52804 76725	MFSK-16/20Bd	(AB)
XPA2	16147	12-5	1100	Wed	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB/MPJ)
XPA2	15847	12-5	1120	Wed	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB/MPJ)
XPA2	14747	12-5	1140	Wed	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	12-5	2100	Wed	00407 00038 31405 ... 62507 72318 30515	USB	(AB)
XPA2	11124	12-5	2120	Wed	00407 00038 31405 ... 62507 72318 30515	USB	(AB)
XPA2	10624	12-5	2140	Wed	00407 00038 31405 ... 62507 72318 30515	USB	(AB)
XPA2	14794	13-5	0910	Thu	01526 00001 00000 36653	MFSK-16/20Bd	(AB)
XPA2	13994	13-5	0930	Thu	01526 00001 00000 36653	MFSK-16/20Bd	(AB)
XPA2	12194	13-5	0950	Thu	01526 00001 00000 36653	MFSK-16/20Bd	(AB)
XPA2	16147	13-5	1100	Thu	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB)
XPA2	15847	13-5	1120	Thu	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB)
XPA2	14747	13-5	1140	Thu	08233 00051 54630 ... 96961 78654 25463	MFSK-16/20Bd	(AB)
XPA2	13538	13-5	1600	Thu	04154 00238 94667 ... 10076 32380 35265	MFSK-16.20Bd	(AB/GHn/MPJ)
XPA2	14438	13-5	1620	Thu	04154 00238 94667 ... 10076 32380 35265	MFSK-16.20Bd	(AB/MPJ)
XPA2	14938	13-5	1640	Thu	04154 00238 94667 ... 10076 32380 35265	MFSK-16.20Bd	(AB/MPJ)
XPA2	16159	14-5	1100	Fri	00530 00032 61056 ... 16044 13591 67555	MFSK-16/20Bd	(AB/MPJ)
XPA2	14359	14-5	1120	Fri	00530 00032 61056 ... 16044 13591 67555	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	13459	14-5	1140	Fri	00530 00032 61056 ... 16044 13591 67555	MFSK-16/20Bd	(AB/MPJ/RL)
XPA2	12124	14-5	2100	Fri	00407 00038 31405 ... 62507 72318 30515	USB	(AB/Dan)
XPA2	11124	14-5	2120	Fri	00407 00038 31405 ... 62507 72318 30515	USB	(AB/Dan/RL)
XPA2	10624	14-5	2140	Fri	00407 00038 31405 ... 62507 72318 30515	USB	(AB/Dan)
XPA2	14794	15-5	0910	Sat	02525 00001 00000 36254	MFSK-16/20Bd	(AB/MPJ)
XPA2	13994	15-5	0930	Sat	02525 00001 00000 36254	MFSK-16/20Bd	(AB/MPJ)
XPA2	12194	15-5	0950	Sat	02525 00001 00000 36254	MFSK-16/20Bd	(AB/MPJ)
XPA2	15938	15-5	1500	Sat	04002 00001 00000 32254	MFSK-16/20Bd	(AB)
XPA2	14538	15-5	1520	Sat	04002 00001 00000 32254	MFSK-16/20Bd	(AB)
XPA2	13438	15-5	1540	Sat	04002 00001 00000 32254	MFSK-16/20Bd	(AB)
XPA2	13376	16-5	2100	Sun	00167 00068 13622 ... 59526 39772 60745	MFSK-16/20Bd	(AB/Dan)
XPA2	11576	16-5	2120	Sun	00167 00068 13622 ... 59526 39772 60745	MFSK-16/20Bd	(AB/Dan/RL)
XPA2	10776	16-5	2140	Sun	00167 00068 13622 ... 59526 39772 60745	MFSK-16/20Bd	(AB/Dan)
XPA2	12148	17-5	0700	Mon	No transmission	MFSK-16/20Bd	(AB)

XPA2	13448	17-5	0720	Mon	00539 00204 82025 ... 19578 09865 20353	MFSK-16/20Bd	(AB)
XPA2	13948	17-5	0740	Mon	00539 00204 82025 ... 19578 09865 20353	MFSK-16/20Bd	(AB)
XPA2	17431	17-5	0910	Mon	00278 00035 70189 ... 50321 61058 72727	MFSK-16/20Bd	(AB)
XPA2	15841	17-5	0930	Mon	00278 00035 70189 ... 50321 61058 72727	MFSK-16/20Bd	(AB)
XPA2	13934	17-5	0950	Mon	00278 00035 70189 ... 50321 61058 72727	MFSK-16/20Bd	(AB)
XPA2	15938	17-5	1500	Mon	03099 00145 72384 ... 90221 92815 13543	MFSK-16/20Bd	(AB/MPJ)
XPA2	14538	17-5	1520	Mon	03099 00145 72384 ... 90221 92815 13543	MFSK-16/20Bd	(AB/MPJ)
XPA2	13438	17-5	1540	Mon	03099 00145 72384 ... 90221 92815 13543	MFSK-16/20Bd	(AB/MPJ)
XPA2	16159	18-5	1100	Tue	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB)
XPA2	14359	18-5	1120	Tue	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB)
XPA2	13459	18-5	1140	Tue	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB)
XPA2	13538	18-5	1600	Tue	01597 00001 00000 37262	MFSK-16.20Bd	(AB/MPJ/HFD)
XPA2	14438	18-5	1620	Tue	01597 00001 00000 37262	MFSK-16.20Bd	(AB/MPJ/HFD)
XPA2	14938	18-5	1640	Tue	01597 00001 00000 37262	MFSK-16.20Bd	(AB/MPJ/HFD)
XPA2	13376	18-5	2100	Tue	00110 00208 46151 ... 15597 20995 42116	MFSK-16/20Bd	(AB)
XPA2	11576	18-5	2120	Tue	00110 00208 46151 ... 15597 20995 42116	MFSK-16/20Bd	(AB/RL)
XPA2	10776	18-5	2140	Tue	00110 00208 46151 ... 15597 20995 42116	MFSK-16/20Bd	(AB/RL)
XPA2	12148	19-5	0700	Wed	00539 00204 82025 ... 19578 09865 20353	MFSK-16/20Bd	(AB)
XPA2	13448	19-5	0720	Wed	00539 00204 82025 ... 19578 09865 20353	MFSK-16/20Bd	(AB)
XPA2	13948	19-5	0740	Wed	00539 00204 82025 ... 19578 09865 20353	MFSK-16/20Bd	(AB)
XPA2	17431	19-5	0910	Wed	00278 00035 70189 ... 50321 61058 72727	MFSK-16/20Bd	(AB)
XPA2	15841	19-5	0930	Wed	00278 00035 70189 ... 50321 61058 72727	MFSK-16/20Bd	(AB)
XPA2	13934	19-5	0950	Wed	00278 00035 70189 ... 50321 61058 72727	MFSK-16/20Bd	(AB)
XPA2	16147	19-5	1100	Wed	06881 00001 00000 35666	MFSK-16/20Bd	(AB/MPJ)
XPA2	15847	19-5	1120	Wed	06881 00001 00000 35666	MFSK-16/20Bd	(AB/MPJ)
XPA2	14747	19-5	1140	Wed	06881 00001 00000 35666	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	19-5	2100	Wed	00407 00038 31405 ... 62507 72318 30515	USB	(AB)
XPA2	11124	19-5	2120	Wed	00407 00038 31405 ... 62507 72318 30515	USB	(AB)
XPA2	10624	19-5	2140	Wed	00407 00038 31405 ... 62507 72318 30515	USB	(AB/RL)
XPA2	14794	20-5	0910	Thu	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	13994	20-5	0930	Thu	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	12194	20-5	0950	Thu	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	16147	20-5	1100	Thu	01432 00001 00000 34254	MFSK-16/20Bd	(AB/HFD-RUS)
XPA2	15847	20-5	1120	Thu	01432 00001 00000 34254	MFSK-16/20Bd	(AB/HFD-RUS)
XPA2	14747	20-5	1140	Thu	01432 00001 00000 34254	MFSK-16/20Bd	(AB/HFD-RUS)
XPA2	13538	20-5	1600	Thu	01663 00001 00000 35657	MFSK-16.20Bd	(AB/MPJ)
XPA2	14438	20-5	1620	Thu	01663 00001 00000 35657	MFSK-16.20Bd	(AB/MPJ)
XPA2	14938	20-5	1640	Thu	01663 00001 00000 35657	MFSK-16.20Bd	(AB/MPJ)
XPA2	16159	21-5	1100	Fri	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB)
XPA2	14359	21-5	1120	Fri	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB)
XPA2	13459	21-5	1140	Fri	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB)
XPA2	12124	21-5	2100	Fri	00407 00038 31405 ... 62507 72318 30515	USB	(AB)
XPA2	11124	21-5	2120	Fri	00407 00038 31405 ... 62507 72318 30515	USB	(AB)
XPA2	10624	21-5	2140	Fri	00407 00038 31405 ... 62507 72318 30515	USB	(AB)

XPA2	14794	22-5	0910	Sat	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	13994	22-5	0930	Sat	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	12194	22-5	0950	Sat	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	15938	22-5	1500	Sat	03099 00145 72384 ... 90221 92815 13543	MFSK-16/20Bd	(AB-RUS)
XPA2	14538	22-5	1520	Sat	03099 00145 72384 ... 90221 92815 13543	MFSK-16/20Bd	(AB-RUS)
XPA2	13438	22-5	1540	Sat	03099 00145 72384 ... 90221 92815 13543	MFSK-16/20Bd	(AB-RUS)
XPA2	13376	23-5	2100	Sun	00110 00208 46151 ... 15597 20995 42116	MFSK-16/20Bd	(AB/RL)
XPA2	11576	23-5	2120	Sun	00110 00208 46151 ... 15597 20995 42116	MFSK-16/20Bd	(AB/RL)
XPA2	10776	23-5	2140	Sun	00110 00208 46151 ... 15597 20995 42116	MFSK-16/20Bd	(AB/RL)
XPA2	12148	24-5	0700	Mon	08302 00158 79469 ... 45081 35986 76644	MFSK-16/20Bd	(AB)
XPA2	13448	24-5	0720	Mon	08302 00158 79469 ... 45081 35986 76644	MFSK-16/20Bd	(AB)
XPA2	13948	24-5	0740	Mon	08302 00158 79469 ... 45081 35986 76644	MFSK-16/20Bd	(AB)
XPA2	17431	24-5	0910	Mon	06712 00167 65532 ... 85704 98241 71400	MFSK-16/20Bd	(AB)
XPA2	15841	24-5	0930	Mon	06712 00167 65532 ... 85704 98241 71400	MFSK-16/20Bd	(AB)
XPA2	13934	24-5	0950	Mon	06712 00167 65532 ... 85704 98241 71400	MFSK-16/20Bd	(AB)
XPA2	15938	24-5	1500	Mon	02436 00001 00000 36255	MFSK-16/20Bd	(AB/MPJ)
XPA2	14538	24-5	1520	Mon	02436 00001 00000 36255	MFSK-16/20Bd	(AB/MPJ)
XPA2	13438	24-5	1540	Mon	02436 00001 00000 36255	MFSK-16/20Bd	(AB/MPJ)
XPA2	16159	25-5	1100	Tue	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB)
XPA2	14359	25-5	1120	Tue	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB)
XPA2	13459	25-5	1140	Tue	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB)
XPA2	13538	25-5	1600	Tue	08924 00001 00000 37662	MFSK-16.20Bd	(AB/MPJ)
XPA2	14438	25-5	1620	Tue	08924 00001 00000 37662	MFSK-16.20Bd	(AB/MPJ)
XPA2	14938	25-5	1640	Tue	08924 00001 00000 37662	MFSK-16.20Bd	(AB/MPJ)
XPA2	13376	25-5	2100	Tue	02900 00198 20666 ... 32935 41395 42370	MFSK-16/20Bd	(AB/RL)
XPA2	11576	25-5	2120	Tue	02900 00198 20666 ... 32935 41395 42370	MFSK-16/20Bd	(AB/RL)
XPA2	10776	25-5	2140	Tue	02900 00198 20666 ... 32935 41395 42370	MFSK-16/20Bd	(AB/RL)
XPA2	12148	26-5	0700	Wed	08302 00158 79469 ... 45081 35986 76644	MFSK-16/20Bd	(AB)
XPA2	13448	26-5	0720	Wed	08302 00158 79469 ... 45081 35986 76644	MFSK-16/20Bd	(AB)
XPA2	13948	26-5	0740	Wed	08302 00158 79469 ... 45081 35986 76644	MFSK-16/20Bd	(AB)
XPA2	17431	26-5	0910	Wed	06712 00167 65532 ... 85704 98241 71400	MFSK-16/20Bd	(AB)
XPA2	15841	26-5	0930	Wed	06712 00167 65532 ... 85704 98241 71400	MFSK-16/20Bd	(AB)
XPA2	13934	26-5	0950	Wed	06712 00167 65532 ... 85704 98241 71400	MFSK-16/20Bd	(AB)
XPA2	16147	26-5	1100	Wed	00628 00191 25759 ... 37951 36896 37653	MFSK-16/20Bd	(AB/MPJ)
XPA2	15847	26-5	1120	Wed	00628 00191 25759 ... 37951 36896 37653	MFSK-16/20Bd	(AB/MPJ)
XPA2	14747	26-5	1140	Wed	00628 00191 25759 ... 37951 36896 37653	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	26-5	2100	Wed	04493 00001 00000 34665	USB	(AB/RL)
XPA2	11124	26-5	2120	Wed	04493 00001 00000 34665	USB	(AB/RL)
XPA2	10624	26-5	2140	Wed	04493 00001 00000 34665	USB	(AB/RL)
XPA2	14794	27-5	0910	Thu	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	13994	27-5	0930	Thu	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	12194	27-5	0950	Thu	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	16147	27-5	1100	Thu	00628 00191 25759 ... 37951 36896 37653	MFSK-16/20Bd	(AB)
XPA2	15847	27-5	1120	Thu	00628 00191 25759 ... 37951 36896 37653	MFSK-16/20Bd	(AB)

XPA2	14747	27-5	1140	Thu	00628 00191 25759 ... 37951 36896 37653	MFSK-16/20Bd	(AB)
XPA2	13538	27-5	1600	Thu	04017 00001 00000 34655	MFSK-16.20Bd	(AB/MPJ)
XPA2	14438	27-5	1620	Thu	04017 00001 00000 34655	MFSK-16.20Bd	(AB/MPJ)
XPA2	14938	27-5	1640	Thu	04017 00001 00000 34655	MFSK-16.20Bd	(AB/MPJ)
XPA2	16159	28-5	1100	Fri	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB/MPJ)
XPA2	14359	28-5	1120	Fri	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB/MPJ)
XPA2	13459	28-5	1140	Fri	00647 00088 51200 ... 85042 31968 30051	MFSK-16/20Bd	(AB/MPJ)
XPA2	12124	28-5	2100	Fri	09045 00001 00000 33665	USB	(AB/RL/Dan)
XPA2	11124	28-5	2120	Fri	09045 00001 00000 33665	USB	(AB/RL/Dan)
XPA2	10624	28-5	2140	Fri	09045 00001 00000 33665	USB	(AB)
XPA2	14794	29-5	0910	Sat	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	13994	29-5	0930	Sat	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	12194	29-5	0950	Sat	00116 00180 96708 ... 13958 18787 02507	MFSK-16/20Bd	(AB)
XPA2	15938	29-5	1500	Sat	09590 00001 00000 33672	MFSK-16/20Bd	(AB)
XPA2	14538	29-5	1520	Sat	09590 00001 00000 33672	MFSK-16/20Bd	(AB)
XPA2	13438	29-5	1540	Sat	09590 00001 00000 33672	MFSK-16/20Bd	(AB)
XPA2	13376	30-5	2100	Sun	02900 00198 20666 ... 32935 41395 42370	MFSK-16/20Bd	(AB/RL)
XPA2	11576	30-5	2120	Sun	02900 00198 20666 ... 32935 41395 42370	MFSK-16/20Bd	(AB/RL)
XPA2	10776	30-5	2140	Sun	02900 00198 20666 ... 32935 41395 42370	MFSK-16/20Bd	(AB/RL)
XPA2	12148	31-5	0700	Mon	08302 00158 79469 ... 45081 35986 76644	MFSK-16/20Bd	(AB)
XPA2	13448	31-5	0720	Mon	08302 00158 79469 ... 45081 35986 76644	MFSK-16/20Bd	(AB)
XPA2	13948	31-5	0740	Mon	08302 00158 79469 ... 45081 35986 76644	MFSK-16/20Bd	(AB)
XPA2	17431	31-5	0910	Mon	06712 00167 65532 ... 85704 98241 71400	MFSK-16/20Bd	(AB)
XPA2	15841	31-5	0930	Mon	06712 00167 65532 ... 85704 98241 71400	MFSK-16/20Bd	(AB)
XPA2	13934	31-5	0950	Mon	06712 00167 65532 ... 85704 98241 71400	MFSK-16/20Bd	(AB)
XPA2	15938	31-5	1500	Mon	00124 00213 69856 02659 36849 ... 54820 52623 70489 69928 52440	MFSK-16/20Bd	(MPJ)
XPA2	14538	31-5	1520	Mon	00124 00213 69856 02659 36849 ... 54820 52623 70489 69928 52440	MFSK-16/20Bd	(MPJ)
XPA2	13438	31-5	1540	Mon	00124 00213 69856 02659 36849 ... 54820 52623 70489 69928 52440	MFSK-16/20Bd	(MPJ)
XPB1	16329	1-5	1200	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	15929	1-5	1210	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	14829	1-5	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	14429	1-5	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	13929	1-5	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	13529	1-5	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ/HFD)
XPB1	14852	2-5	1900	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13952	2-5	1910	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	12152	2-5	1920	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	11542	2-5	1930	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	10352	2-5	1940	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	9252	2-5	1950	Sun	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13435	3-5	0500	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	13935	3-5	0510	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14435	3-5	0520	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	14835	3-5	0530	Mon	Russian intel.	MFSK-16	(AB/HFD)

XPB1	15935	3-5	0540	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16225	3-5	0550	Mon	Russian intel.	MFSK-16	(AB/HFD)
XPB1	16329	3-5	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15929	3-5	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14829	3-5	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14429	3-5	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13929	3-5	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13529	3-5	1250	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13435	4-5	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13935	4-5	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14435	4-5	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14835	4-5	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15935	4-5	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16225	4-5	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14852	4-5	1900	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	13952	4-5	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	12152	4-5	1920	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	11542	4-5	1930	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10352	4-5	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9252	4-5	1950	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	16329	8-5	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15929	8-5	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14829	8-5	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14429	8-5	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13929	8-5	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13529	8-5	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14852	9-5	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13952	9-5	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12152	9-5	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11542	9-5	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10352	9-5	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9252	9-5	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13435	10-5	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13935	10-5	0510	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	14435	10-5	0520	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	14835	10-5	0530	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	15935	10-5	0540	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	16225	10-5	0550	Mon	Russian intel.	MFSK-16	(AB/RL)
XPB1	16329	10-5	1200	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15929	10-5	1210	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14829	10-5	1220	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14429	10-5	1230	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13929	10-5	1240	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13529	10-5	1250	Mon	Russian intel.	MFSK-16	(AB)

XPB1	13435	11-5	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13935	11-5	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14435	11-5	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14835	11-5	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15935	11-5	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16225	11-5	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14852	11-5	1900	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13952	11-5	1910	Tue	Russian intel.	MFSK-16	(AB)
XPB1	12152	11-5	1920	Tue	Russian intel.	MFSK-16	(AB)
XPB1	11542	11-5	1930	Tue	Russian intel.	MFSK-16	(AB)
XPB1	10352	11-5	1940	Tue	Russian intel.	MFSK-16	(AB)
XPB1	9252	11-5	1950	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16329	15-5	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15929	15-5	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14829	15-5	1220	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14429	15-5	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13929	15-5	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13529	15-5	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14852	16-5	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13952	16-5	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12152	16-5	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11542	16-5	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10352	16-5	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9252	16-5	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13435	17-5	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13935	17-5	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14435	17-5	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14835	17-5	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15935	17-5	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16225	17-5	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16329	17-5	1200	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15929	17-5	1210	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14829	17-5	1220	Mon	Russian intel. Started with a sub-mode of their new Serdolik waveform system. After 1m14s the usual MFSK-16 started	MFSK-16	(AB/MPJ)
XPB1	14429	17-5	1230	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13929	17-5	1240	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13529	17-5	1250	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13435	18-5	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13935	18-5	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14435	18-5	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14835	18-5	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15935	18-5	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16225	18-5	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14852	18-5	1900	Tue	Russian intel.	MFSK-16	(AB)

XPB1	13952	18-5	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	12152	18-5	1920	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	11542	18-5	1930	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10352	18-5	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9252	18-5	1950	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	16329	22-5	1200	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15929	22-5	1210	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14829	22-5	1220	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14429	22-5	1230	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13929	22-5	1240	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13529	22-5	1250	Sat	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14852	23-5	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13952	23-5	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12152	23-5	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11542	23-5	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10352	23-5	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9252	23-5	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13435	24-5	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13935	24-5	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14435	24-5	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14835	24-5	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15935	24-5	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16225	24-5	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16329	24-5	1200	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	15929	24-5	1210	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14829	24-5	1220	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	14429	24-5	1230	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13929	24-5	1240	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13529	24-5	1250	Mon	Russian intel.	MFSK-16	(AB/MPJ)
XPB1	13435	25-5	0500	Tue	Russian intel.	MFSK-16	(AB)
XPB1	13935	25-5	0510	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14435	25-5	0520	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14835	25-5	0530	Tue	Russian intel.	MFSK-16	(AB)
XPB1	15935	25-5	0540	Tue	Russian intel.	MFSK-16	(AB)
XPB1	16225	25-5	0550	Tue	Russian intel.	MFSK-16	(AB)
XPB1	14852	25-5	1900	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	13952	25-5	1910	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	12152	25-5	1920	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	11542	25-5	1930	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	10352	25-5	1940	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	9252	25-5	1950	Tue	Russian intel.	MFSK-16	(AB/RL)
XPB1	16329	29-5	1200	Sat	Russian intel.	MFSK-16	(AB)
XPB1	15929	29-5	1210	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14829	29-5	1220	Sat	Russian intel.	MFSK-16	(AB)

XPB1	14429	29-5	1230	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13929	29-5	1240	Sat	Russian intel.	MFSK-16	(AB)
XPB1	13529	29-5	1250	Sat	Russian intel.	MFSK-16	(AB)
XPB1	14852	30-5	1900	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13952	30-5	1910	Sun	Russian intel.	MFSK-16	(AB)
XPB1	12152	30-5	1920	Sun	Russian intel.	MFSK-16	(AB)
XPB1	11542	30-5	1930	Sun	Russian intel.	MFSK-16	(AB)
XPB1	10352	30-5	1940	Sun	Russian intel.	MFSK-16	(AB)
XPB1	9252	30-5	1950	Sun	Russian intel.	MFSK-16	(AB)
XPB1	13435	31-5	0500	Mon	Russian intel.	MFSK-16	(AB)
XPB1	13935	31-5	0510	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14435	31-5	0520	Mon	Russian intel.	MFSK-16	(AB)
XPB1	14835	31-5	0530	Mon	Russian intel.	MFSK-16	(AB)
XPB1	15935	31-5	0540	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16225	31-5	0550	Mon	Russian intel.	MFSK-16	(AB)
XPB1	16329	31-5	1200	Mon	Russian intel.	MFSK-16	(MPJ)
XPB1	15929	31-5	1210	Mon	Russian intel.	MFSK-16	(MPJ)
XPB1	14829	31-5	1220	Mon	Russian intel.	MFSK-16	(MPJ)
XPB1	14429	31-5	1230	Mon	Russian intel.	MFSK-16	(MPJ)
XPB1	13929	31-5	1240	Mon	Russian intel.	MFSK-16	(MPJ)
XPB1	13529	31-5	1250	Mon	Russian intel.	MFSK-16	(MPJ)

CONTRIBUTORS

AB	Ary Boender, Netherlands
AB-GRC	Ary Boender via remote rx Greece
AB-HNG	Ary Boender via remote rx Hungary
AB-J	Ary Boender via remote rx Japan
AB-KOR	Ary Boender via remote rx South Korea
AB-KWT	Ary Boender via remote rx Kuwait
AB-POL	Ary Boender via remote rx Poland
AB-RUS	Ary Boender via remote rx Russia
AB-TWN	Ary Boender via remote rx Taiwan
AB-USA	Ary Boender via remote rx USA
CB	Chris, Ireland
Dan	Daniel LU5EMM, Argentina
Dan-J	Daniel LU5EMM via remote rx Japan
DKR	Danila, Krasnodar, Russia
ES	Edward Smith, UK
F5JBR	F5JBR André, France
GHn	Gary Hagermann, UK
Gwr	Gwraspe
HFD	Hans-Friedrich Dumrese, Germany
HFD-I	Hans-Friedrich Dumrese via remote rx Italy
HFD-J	Hans-Friedrich Dumrese via remote rx Japan
HFD-KWT	Hans-Friedrich Dumrese via remote rx Kuwait
HFD-POL	Hans-Friedrich Dumrese via remote rx Poland
HFD-UKR	Hans-Friedrich Dumrese via remote rx Ukraine
HS	Hugh Stegman, USA
IM	Ian Mcavoy
JPL	JPL, NB, Canada (and various remote rx)
JPL-J	JPL via remote rx Japan
JPL-TWN	JPL via remote rx Taiwan
MPJ	Jim, SW England
MPJ-HNG	Jim via remote rx Hungary
MPJ-HOL	Jim via remote rx Netherlands
MPJ-POL	Jim via remote rx Poland
PY	Pierre Ynard, France
RL	Roberto Landolpho, Brazil
RR2	Rich Ray, IL, USA
Sublio	Sublio

Designators

Prefixes

E	English language
F	FSK (Frequency Shift Keying) modes
G	German language
HM	Hybrids of analog and digital modes
M(C)	Morse code (Chinese)
P	QPSK (Quadrature Phase Shift Keying) and BPSK (Binary Phase-Shift keying) modes
Q	4+4 QPSK mode
S	Slavic languages
UM(C)	Unid Morse station (Chinese)
V	Voice broadcasts in other languages
VC	Voice Chinese
XP	MFSK (polytone) modes

Active voice stations

Code	Language	Origin	Related stations
E06	English	Russia	G06, S06, S06b, S06c, M14, F01, F06, F06a
E07	English	Russia	E07a, V07, M12, XPA1, XPA2, XPB1
E07a	English	Russia	E07, V07, M12, XPA1, XPA2, XPB1
E11	English	Poland	E11a, S11a, F03, P03
E11a	English	Poland	E11, S11a, F03, P03
E17z	English	Ukraine	S06s
E25	English	Egypt	E25a
E25a	English	Egypt	E25
G06	German	Russia	E06, S06, S06b, S06c, M14, F01, F06, F06a
S06	Russian	Russia	E06, G06, S06b, S06c, M14, F01, F06, F06a
S06b	Russian	Russia	E06, G06, S06, S06c, M14, F01, F06, F06a
S06c	Russian	Russian	E06, G06, S06, S06b, M14, F01, F06, F06a
S06s	Russian	Ukraine	E17z
S11a	Russian	Poland	E11, E11a, F03, P03
S25	Russian	Russia	
V07	Spanish	Russia	E07, M12, XPA1, XPA2, XPB1
V13	Mandarin	Taiwan	
V15	Korean	North Korea	
V24	Korean	South Korea	
V26	Chinese	China	M95, Q26
V28	Korean	North Korea	
VC01	Chinese	China	VC03, MC03
VC03	Chinese	China	VC01, MC03

Active morse stations

Code	Mode	Origin	Related stations
M01	Morse	Russia	M01a
M01a	Morse	Russia	M01
M12	Morse	Russia	E07, V07, XPA1, XPA2, XPBa
M14	Morse	Russia	E06, G06, S06, S06b, S06c, F01, F06, F06a
M21	Morse	Russia	M41
M22	Morse	Israel	
M23	Morse	France	
M41	Morse	Russia	M21
M51a	Morse	France	M51b
M51b	Morse	France	M51a
M89	Morse	China	
M95	Morse	China	V26, Q26
MC03	Morse	China	VC01, VC03
UM03	Morse	China	
UM10	Morse	?	

Active digital stations

Code	Mode	Origin	Related stations
F01	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F06, F06a
F03	2FSK, 4FSK	Poland	E11, E11a, S11a, P03
F06	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06a
F06a	FSK	Russia	E06, G06, S06, S06b, S06c, M14, F01, F06
HM01	Voice/RDFT	Cuba	
M42	Various	Russia	
P03	BPSK, QPSK	Poland	E11, E11a, S11a, F03
Q26	4+4 QPSK	China	V26, M95
XPA	MFSK-20	Russia	E07, V07, M12, XPA2, XPB1
XPA2	MFSK-16	Russia	E07, V07, M12, XPA1, XPB1
XPB	MFSK-16	Russia	E07, V07, M12, XPA1, XPA2

Figures and words used by the various numbers stations

Cut numbers

Several stations are using cut numbers. Often only the zero which is represented by the letter “T”.

M89 and M95 cut numbers A U 3 4 5 6 7 D N T
 1 2 3 4 5 6 7 8 9 0

M08a cut numbers A N D U W R I G M T
 1 2 3 4 5 6 7 8 9 0

Figure	English	French	German	Mandarin	Spanish	Russian	Arabic
0	Zero	Zero	Null	Ling	Cero	Null	Sifr
1	One	Un	Eins	Yi	Uno	Odín	Wahid
2	Two	Deux	Zwei	Er	Dos	Dva	Itmien
3	Three	Trois	Drei	San	Tres	Tri	Talata
4	Four	Quatre	Vier	Si	Cuatro	Chety're	Arba`a
5	Five	Cinq	Fünf	Wu	Cinco	Pyat'	Xamsa
6	Six	Six	Sechs	Liu	Seis	Shest'	Sitta
7	Seven	Sept	Sieben	Qi	Siete	Sem'	Sab`a
8	Eight	Huit	Acht	Ba	Ocho	Vósem'	Tamanya
9	Nine	Neuf	Neun	Jiu	Nueve	Dévyat'	Tiss`a

Figure	Morse	Vietnamese	E17z	S11a	G06	E11
0	— — — — —	Số không	Zero	Nul	Null	Zero
1	. — — — —	Một	Van	Adinka	Eins	One
2	.. — — —	Hai	To	Dwojka	Twso	Two
3	... — —	Ba	Fwee	Trojka	Drei	Three
4 —	Bô'n	Fo	Cienciorka	Vier	Four
5	Năm	Fav	Pietiorka	Funuf	Fiver
6	—	Sáu	Six	Szest	Sechs	Six
7	— — ...	Ba y	Seven	Siem	Sieben	Seven
8	— — — ..	Tám	Eight	Wosiem	Acht	Eight
9	— — — — .	Chín	Nine	Diewiet	Neugen	Niner
=	— . . . —					
/	—					

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

Note: M03 and M08a are defunct.

Morse characters

A	. -	1	. ----
B	- ...	2	.. ----
C	- . - .	3	... --
D	- . .	4 -
E	.	5
F	.. - .	6	-
G	-- .	7	-- ...
H	8	--- ..
I	..	9	---- .
J	. ----	0	-----
K	- . -		
L	. - . .		
M	--		
N	- .		
O	---		
P	. - - .		
Q	- - . -		
R	. - .		
S	...		
T	-		
U	.. -		
V	... -		
W	. - -		
X	- . . -		
Y	- . - -		
Z	- - . .		

Accented letters

Ä	. - . -
Á	. - - . -
CH	----
É	. - - . .
Ö	--- .
Ü	. - - -

Full stop (period) [.]	. - . - . -
Comma [,]	-- . . - -
Colon [:]	--- ...
Question mark [?]	. . -- . .
Exclamation mark [!]	- . - -
Apostrophe [']	. - - - .
Dash or Hyphen [-]	- . . . -
Slash [/]	- . . - .
Left-hand bracket [(]	- . - - .
Right-hand bracket [)]	- . - - . -
Quotation marks [" "]	. - . . - .
Equals sign [BT =]	- . . . -
Understood	... - .
Plus sign [+]	. - . . .
Invitation to transmit	- . -
Wait [AS]	. - . . .
End of Transmission [SK, VA]	... - . -
End of message [AR]	. - . . .
Starting signal	- . . . -
Multiplication sign [×]	- . . -
At sign [@]	. - - . - .
Break [BK]	- . . . - . -
Ampersand [&]	. - . . .

See also

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

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

COLOPHON

"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.

All information in this newsletter was submitted by independent radio monitors or has been obtained from public available sources and public sites on the web. Wherever data was obtained via the web or elsewhere, references and/or links to these sources have been noted.

Google Earth images: Copyright © Google

Portions of this newsletter may be used in electronic or printed hobby bulletins without prior approval so long as "Numbers & Oddities" is credited as the source. This newsletter may NOT be utilized, partly or wholly, in any other COMMERCIAL media format without the written permission of the Editor. Any breach of this may result in action under international copyright legislation.

Relevant mailing lists and websites:

NUMBERS & ODDITIES	http://www.numbersoddities.nl
SPY NUMBERS ONLINE DATABASE	http://www.spynumbers.com/numbersDB
UDXF - UTILITY DXERS FORUM	http://www.udxf.nl
HF UNDERGROUND	http://www.hfunderground.com/board/
PRIYOM	http://priyom.org/
ENIGMA	http://www.signalshed.com/

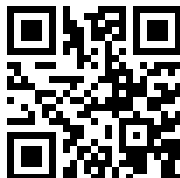
NUMBERS STATIONS SCHEDULES <http://priyom.org/number-stations/station-schedule>

To become an UDXF member go to <https://groups.io/g/UDXF> and follow the instructions.

To become a Spooks member go to <http://mailman.qth.net/mailman/listinfo/spooks> fill in the form and follow the instructions that will be mailed to you.

976 27364 92886 89428 61288 14982 30498 32704 81276 81
986 40932 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 0
758 63298 75698 27465 87326 49876 28376 81273 98615 86
67 87432 74328 78674 29867 32867 67867 86786 43276 498
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
943 98798 98754 98754 98754 98754 29867 67543 67986 86
76 87698 69876 87698 69876 87612 12341 34867 86798 652
667 43298 65656 56756 56123 32143 14321 32143 14321 321
88 82787 58765 76587 58765 76587 58765 76587 58756 765
88 82787 58765 76587 58765 76587 58765 76587 58756 765

N&O



UDXF

