

27364	92836	89428	81268	74982	46498	32784	31277
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

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a.k.a. The Spooks Newsletter

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Edition #297, June 2022

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

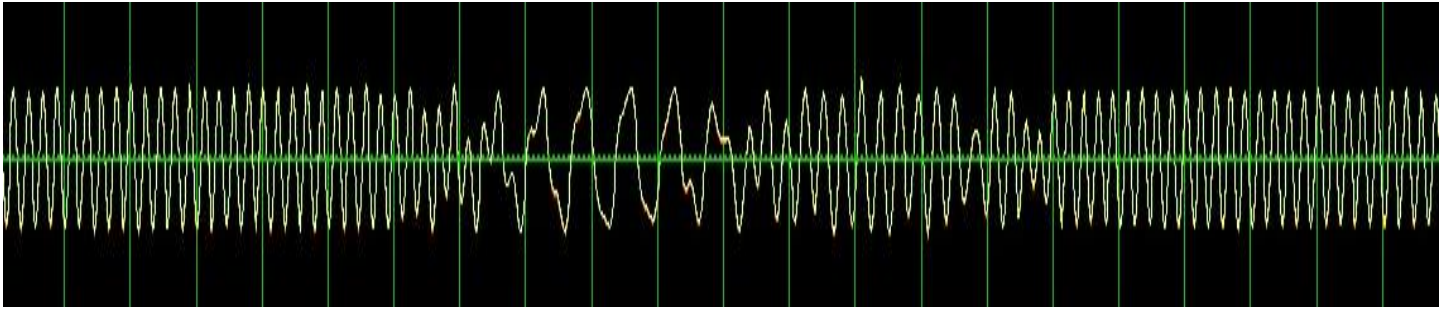
"Numbers & Oddities" a.k.a. the "Spooks Newsletter" is a newsletter for the members of the Utility DXers Forum (UDXF), the Spooks mailing list, HF Underground and everyone else who is interested in Numbers Stations.

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



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FOREWORD

Hello and a warm welcome to N&O #297. It is summer here in the Netherlands. The weather is quite nice, so I spend a lot of time outside, which automatically means that my listening time is limited. I try to record much so that I can quickly retrieve the transmissions. That saves a lot of time. Unfortunately I suffer from extremely loud interferences. I have a very strong interfering signal on every 50 kHz between ca 4 and 7 MHz. I have no idea who or what is causing it. It is not from my home, that's for sure.

Thanks to Anon we have a lot of VC03 transcripts and Mario sent us North Korean military logs. HM01 finally sent two new messages in June. Further we have the usual logs and transcripts for you.

As expected E17z and S06s did not transmit due to the Russian invasion of Ukraine.

Unfortunately no one answered my call for help. I would love to publish intelligence related articles or analyzes of digital modes but I have no time to do this. People ask for these articles but are apparently not willing to help out. If you can help, please contact me. Sorry, it is unpaid work ☺

Thanks to the 17 people who sent logs and info.

N&O #296 contained an annoying error. The corrected version is now online.

Ary, editor

VOICE STATIONS

E06

13985/15830 kHz, 02-06/03-06, 0500/0600 UTC

328 619 54
37661 71415 66404 13628 10054 93343 38662 99953 56691 00688
91768 75454 24165 88587 87341 50781 73558 26595 68820 86526
99799 74195 32824 66754 03071 56582 01775 30879 91944 99120
89982 72832 22959 43949 90374 43442 06299 97134 54047 76989
32274 79844 39852 07843 98298 81947 76181 48143 41033 41505
02144 12458 03395 98572
619 54 00000

13985/15830 kHz, 16-06/17-06, 0500/0600 UTC

328 709 51
16455 57590 44415 42897 75187 51470 09334 17260 56686 11603
94172 67311 61133 29297 82499 21023 54041 35413 20099 39713
78992 07806 70922 91555 93914 96436 61419 66972 16825 95857
61681 78124 91984 19737 76847 09653 12406 57129 47187 12892
59637 15173 80328 60719 46777 77888 64042 05244 75646 35798
33031
709 51 00000

Group Count Cycle net

14932/12212 kHz, 02-06/03-06, 0300/0400 UTC

361 479 50
04417 84428 21267 78055 93466 95265 90027 27837 37779 21485
82578 88792 88150 74262 15820 25477 42623 95157 29249 68952
99362 64228 44333 07388 78379 52399 45067 82604 73036 22750
03162 09775 17277 10410 96301 62451 79520 35768 92901 90111
19147 30657 01812 60415 66519 82221 10395 43354 12482 24149
479 50 00000

14932/12212 kHz, 09-06/10-06, 0300/0400 UTC

361 582 30
13156 62542 20404 48941 35774 55516 31464 69086 30140 42715
80148 55157 69740 66942 32304 70549 17337 45884 70771 76515
89410 88094 44061 19285 10552 58688 63560 59874 81227 11927
582 30 00000

14932/12212 kHz, 16-06/17-06, 0300/0400 UTC

361 947 31
92238 11603 39221 36986 77621 32066 46668 86884 25472 38385
90075 45317 36238 43333 60929 82780 02709 87388 19308 63118
36370 64288 90408 69911 18085 68161 68985 72409 46523 29444
67632
947 31 00000

14932/12212 kHz, 23-06/24-06, 0300/0400 UTC

361 850 32
21440 22530 40632 13878 16080 43383 68636 99828 11685 31833
68751 18550 40081 67967 21282 45870 26863 87070 14150 53883
69985 41286 94955 90050 28983 14501 89166 86854 67035 01394
39097 75471
850 32 00000

14932/12212 kHz, 30-06, 0300/0400 UTC

361 729 33
09149 04461 26754 74415 56442 23758 64242 01151 57973 27628
49338 78716 22916 21391 80886 37535 59402 00861 88715 55535
76007 78512 58220 49804 83716 12089 67145 29259 03079 59082
51769 94304 06210
729 33 00000

11557/13813 kHz, 06-06, 0210/0310 UTC

11557/13813 kHz, 07-06, 0210/0310 UTC

537 284 35
63294 25363 50093 99981 77219 10425 76683 59940 15081 05203
53619 38266 67037 27073 75665 23216 21521 28917 35823 97731
57956 06466 80786 10499 70826 62379 50100 65470 86022 31754
22445 47029 55418 98740 17479
284 35 00000

No transmissions on 13 and 14 June due to Russia Day holiday

11571/13811 kHz, 20-06, 0210/0310 UTC

11567/13811 kHz, 21-06, 0210/0310 UTC

537 109 36
03351 79867 88153 90149 88235 70579 23835 32589 87689 39585
04782 03129 00566 60612 71961 43297 92975 31581 26774 94059
14547 99628 74898 08776 31961 72549 02256 26805 65713 46355
31554 49937 41038 03631 32823 88846
109 36 00000

11565/13816 kHz, 27-06, 0210/0310 UTC

11542/13810 kHz, 28-06, 0210/0310 UTC

537 824 37
00399 76607 12034 98906 96070 91311 16782 26339 89471 28491
98384 36999 76618 36471 14657 75901 37237 62199 16912 57488
07976 86051 67747 73343 14693 52052 35891 85153 31027 29439
47785 01359 55413 66514 00584 60940 23749
824 37 00000

16331/18731/19331 kHz, 0700/0720/0740 UTC

16331/18731/19331 kHz, 03-06, 0700/0720/0740 UTC

373 373 373 1 7082 121 7082 121
77466 16404 46900 27051 83824 86084 71723 80063 47443 73493
28895 62615 66451 61501 69879 94515 96189 27571 36520 69947
76275 17555 62133 10364 03145 02903 09064 64974 88788 75901
96076 21827 92717 31546 98679 44119 84531 74190 49382 94799
61268 67769 14411 58072 85716 78488 28463 31381 47065 11023
83699 43674 42682 75182 48029 81959 83799 46204 10742 51997
17278 94955 96581 75847 20396 19814 92787 71712 84522 68198
65937 51608 86757 38199 84080 09092 32147 29126 62072 29959
34267 12413 93891 98955 48695 02313 52044 48885 75584 89508
51968 45031 34369 99741 54851 70700 15559 08411 05791 87923
76766 31499 33985 94170 93204 33577 44991 24492 04013 23594
29174 45390 63373 88477 36045 28742 52898 58026 69926 98124
22301 000 000

16331/18731/19331 kHz, 14-06/17-06, 0700/0720/0740 UTC

373 373 373 1 387 97 387 97
06814 61753 93257 58732 77280 47396 00989 41448 77592 28717
79156 04969 04027 45239 13437 88005 90610 03393 64537 11758
13836 57170 29617 97388 12151 45641 59217 26954 48597 15452
47447 19523 45818 38674 41253 19643 16602 30868 98482 19414
35243 22525 09886 92378 47587 96272 38436 90006 61538 22671
04144 74669 40280 71862 23477 34293 19319 00224 69656 43087
74125 71201 65625 09214 68256 98554 07937 60837 83356 88064
66830 01604 12482 82704 87845 10634 87116 16541 08277 50246
12360 43159 48552 42455 07841 99847 89109 30131 65698 55624
21045 69228 13952 97861 12015 06572 64177 000 000

13417/14717/15817 kHz, 1410/1430/1450 UTC

13417/14717/15817 kHz, 09-06/11-06, 1410/1430/1450 UTC

603 603 603 1 1195 84 1195 84
64051 52107 72675 84112 13621 22501 88698 05200 34532 33910
06095 88392 68352 33684 46804 55932 87700 04910 32066 64190
55917 28394 52937 33541 57983 54486 31910 50878 51288 28158
81525 79465 15857 56909 20748 67325 42247 42690 86240 26127
05296 35992 16448 13189 29211 32460 24139 28493 17374 91098
46150 25378 52365 87137 25289 67830 85557 01308 84360 45411
38270 39548 63765 62673 69516 02100 26770 92243 90229 49333
98220 64322 48878 07165 29796 04041 92670 15265 88819 36218
69597 45106 11394 09028 000 000

13417/14717/15817 kHz, 23-06/25-06, 1410/1430/1450 UTC

603 603 603 1 2675 35 2675 35
65178 37469 99734 44140 29992 90667 88639 36097 88209 22145
43064 73895 01660 51977 11785 73665 10112 30878 34692 73279
94479 59594 62539 54768 76713 46606 52005 96821 75127 13719
20269 90616 10442 91071 46560 000 000

5409 kHz, 02-06/05-06, 2000 UTC

520/31 Attention

03133 22426 72353 52849 28027 67550 32736 04637 81807 15456
76640 58753 97918 13012 94093 58841 33289 16605 44026 19303
03051 69478 27320 30503 95733 52728 27766 00885 64393 82171
04395

Attention (message repeated) Out

12229 kHz, 03-06/05-06, 1815 UTC

925/33 Attention

20430 34579 14485 13430 42479 93972 58442 76153 26153 01169
30945 23235 72063 94231 22110 64869 98119 04818 25252 29357
22655 52188 08487 60492 27074 67662 53336 17456 06818 46030
71264 09943 28924

Attention (message repeated) Out

15800 kHz, 06-06/08-06, 0640 UTC

940/22 Attention

43766 08770 47354 74814 93831 45083 33521 28352 71735 55781
69634 95222 27701 32436 11009 17030 96046 27708 80299 72476
58701 67640

Attention (message repeated) Out

14410 kHz, 06-06/12-06, 1745 UTC

247/37 Attention

44061 16353 93063 07640 44635 13189 45602 88360 04350 14379
42325 79420 93884 81076 25775 53296 37475 76036 01978 48595
54865 08709 90315 54860 44543 68933 79502 78353 34455 19894
41138 84588 93216 50539 87653 02064 13870

Attention (message repeated) Out

7600 kHz, 06-06/09-06, 1900 UTC

644/36 Attention

63925 29316 47458 40091 00334 67815 37137 54207 70801 30864
27862 59773 76901 80455 51602 51828 70227 07619 07064 77142
27901 04344 30047 09060 58994 93057 17506 92274 25564 74460
89168 06587 24873 18623 02899 46036

Attention (message repeated) Out

12153 kHz, 07-06/10-06, 1000 UTC

305/37 Attention

78187 43627 58964 34583 57914 19755 04840 11659 11474 06990
25773 77025 12390 98858 33301 93654 59445 62397 14334 02727
75502 45989 16426 29854 30374 17749 36994 93948 42782 06775
53357 01782 57927 62620 35568 64920 58614

Attention (message repeated) Out

14575 kHz, 07-06, 1645 UTC

333/36 Attention

30407 57339 48665 70098 56462 43049 34407 46047 39156 59188
47922 66214 62544 60615 50712 04527 27426 62314 71898 64365
66918 29726 50075 96949 63800 09591 08756 51570 54128 45145
28528 68690 44026 62834 46331 79401

Attention (message repeated) Out

7863 kHz, 08-06, 1715 UTC

972/31 Attention

88352 03337 68316 98590 40302 00560 04666 65313 01440 32796
60497 52894 37522 15365 66975 30387 89219 96344 30009 84865
27563 86748 45224 24122 36854 05966 80162 50756 52318 25285
93604

Attention (message repeated) Out

10429 kHz, 10-06, 0715 UTC

631/36 Attention

30721 95669 88339 73251 22455 82922 07955 10307 13988 79278
89954 29419 13193 05029 81021 05747 73987 55293 88065 77253
03486 19837 62474 77720 79040 21060 60921 86256 64735 84454
51670 87011 27918 93793 75350 56020

Attention (message repeated) Out

9052 kHz, 13-06/15-06, 0900 UTC

536/39 Attention

20936 46827 03009 42942 27991 41482 33591 79499 77560 39910
10769 02000 44076 14249 72595 29150 73250 35883 00998 61085
52255 50789 08158 24602 46182 46345 48573 73760 79367 42495
27655 41092 65624 83628 03790 52458 69664 12420 11396

Attention message repeated) Out

8680 kHz, 14-06/17-06, 0700 UTC

574/32 Attention

63124 54240 18002 59641 84734 74829 79566 61907 83344 47157
17290 30533 59941 53932 39736 47716 91731 90915 35425 36092
82141 44135 39520 51634 51899 96829 54676 29170 56415 86785
70777 58038

Attention (message repeated) Out

17378 kHz, 14-06/15-06, 0820 UTC

133/40 Attention

63725 09474 18444 33965 86193 34725 56866 50568 23178 84030
05885 54091 80987 28993 30481 04059 14742 08138 83035 14407
49761 40838 34437 37280 34944 47112 42359 72898 87167 73237
67965 35540 78394 38271 60215 19930 57467 08115 98287 37760

Attention (message repeated) Out

12984 kHz, 14-06/18-06, 1430 UTC

918/33 Attention

73421 71825 50480 25448 53077 40855 69871 23539 02867 07101
75400 69167 81853 88403 59694 45506 97839 81778 33537 43707
80500 83652 23439 01299 90470 40203 36779 45586 56842 13651
67784 34116 68741

Attention (message repeated) Out

5231 kHz, 14-06/19-06, 1605 UTC

236/35 Attention

32723 35465 09507 27519 68242 69659 53184 22844 89359 78990
73374 25278 91026 50188 94779 03849 78438 28046 67467 33848
15834 05278 39110 74837 90117 32549 08661 65850 90035 60066
47245 99603 38001 89323 39929

Attention (message repeated) Out

4783 kHz. 15-06/18-06, 1910 UTC

394/38 Attention

86048 84054 07941 46804 73505 38808 19784 86965 03790 50760
58537 99822 88875 00971 94602 65749 64964 29911 68178 11532
01101 69634 66330 91677 60040 16117 45464 14176 65281 87526
45043 72564 45733 11224 15485 80696 16571 79096

Attention (message repeated) out

9150 kHz, 17-06, 0600 UTC

354/34 Attention

40106 38004 17925 75871 18062 95507 48729 94170 43631 51218
13940 78459 24897 53718 84496 28469 92271 56978 90224 66057
47073 53386 73782 11227 07300 84252 79208 39331 72603 30365
73492 65492 42188 39705

Attention (message repeated) Out

9610 kHz, 17-06/19-06, 1910 UTC

618/37 Attention

15206 33695 58900 98961 92993 54639 69060 99191 79363 55301
76899 77054 00078 80250 57773 12455 00164 73135 20268 69112
03113 14335 61624 04444 80547 35205 46111 80106 48603 76246
38691 34856 76906 00163 91284 82123 66410

Attention (message repeated) Out

7377 kHz, 18-06/19-06, 0700 UTC

497/33 Attention

42776 82589 38709 00853 24758 55637 65250 82080 25570 98463
62163 59057 45546 19529 19648 66173 81348 52668 47470 97065
13145 45692 45956 10396 92561 60628 34144 62443 83404 52601
15993 24647 12193

Attention (message repeated) Out

5082 kHz, 18-06, 1530 UTC

367/34 Attention

82753 75599 74892 16125 65624 19153 71041 79562 32024 13288
38586 63285 33894 09192 34257 50238 22367 76210 31667 51928
41260 89247 07822 70589 36097 83480 64823 52108 28336 53782
09060 93071 95860 42721

Attention (message repeated) Out

18030 kHz, 20-06/22-06, 0715 UTC

757/39 Attention

89096 30222 10240 11108 60749 91097 49244 59947 74135 22002
47453 20344 37516 86854 76145 91609 50738 20615 31477 59291
58107 14932 87410 06783 34466 93059 61131 53582 67759 32901
14890 99951 25552 04706 52343 78569 77540 40996 07133

Attention (message repeated) Out

15720 kHz, 20-06/24-06, 0830 UTC

182/39 Attention

15866 64080 66580 33892 91022 36409 92615 43615 83573 51601
22379 40100 41753 67855 58180 50527 24361 66461 66886 19442
30195 31655 90112 04336 34667 02483 45310 46632 41887 84835
85362 68645 51028 47712 89314 63131 64960 33780 16278

Attention (message repeated) Out

8545 kHz, 20-06/22-06, 1045 UTC

691/35 Attention

97139 72574 25160 31178 98046 80416 09129 66571 57803 21859
42350 83812 81116 24236 59810 15118 13217 33683 56085 79507
21229 67640 85176 94557 97759 47366 86685 30531 04424 86284
17672 13586 83675 45488 18675

Attention (message repeated) Out

5737 kHz, 20-06/23-06, 1300 UTC

313/36 Attention

83560 64270 46846 31634 71624 61101 62176 29890 26823 52967
10950 46180 22568 88017 33491 91018 11347 15144 03182 58637
86823 42696 17643 93001 60024 56788 52260 12426 96523 53959
42301 37924 65679 04511 02790 06301

Attention (message repeated) Out

8091 kHz, 21-06/23-06, 0645 UTC

512/34 Attention

34220 52300 86966 10855 78238 26166 19697 41168 13408 96921
84467 19208 52845 34364 71779 82638 40257 83161 11273 60995
56728 00326 26784 04660 22686 21787 36556 58766 19321 78753
07594 57105 21838 19344

Attention (message repeated) Out

14940 kHz, 21-06/23-06, 0745 UTC

220/36 Attention

20379 49253 29700 37336 66802 39546 93379 27329 12963 16107
03290 39130 56716 96347 19009 86635 88860 02737 87020 37098
79743 94901 56273 04353 45461 71406 10786 89396 86044 89486
99697 53924 39635 97097 12658 60668

Attention (message repeated) Out

6304 kHz, 21-06/22-06, 1205 UTC

465/35 Attention

08224 57050 30122 71001 44004 28239 52232 51146 92292 73200
17801 88025 04198 74249 60828 61560 88220 64188 15568 97983
92735 54695 62369 87577 77234 91872 41645 72763 52314 55085
01808 43644 94415 42146 82666

Attention (message repeated) Out

15720 kHz, 22-06/24-0613373, 0745 UTC

347/38 Attention

67384 91291 29034 30279 33613 92063 45970 7546 13690 38315
81098 99248 51384 17344 95541 92579 21049 88536 82492 53975
77146 23233 99911 24439 14340 84384 14555 78644 59923 05623
93000 75623 56280 37495 45728 38020 61528 58971

Attention (message repeated) Out

6923 kHz, 22-06/23-06, 0930 UTC

277/31 Attention

74434 54983 32330 62677 53456 80165 74163 05619 89718 59271
91569 38215 72134 54671 92818 12759 17317 20607 43152 59313
72319 11162 92973 66265 85784 17529 78998 13090 11540 06985
60237

Attention (message repeated) Out

4909 kHz, 23-06/24-06, 0820 UTC

436/39 Attention

46612 90530 31064 25272 43183 87830 05975 91156 34170 48299
34481 40182 39914 39711 01891 34540 84036 00130 24639 75142
62653 21458 25586 92211 13236 90832 28493 27597 99813 71605
71866 50758 72782 30500 73346 82058 77073 58320 14916

Attention (message repeated) Out

7469 kHz, 27-06, 0450 UTC

8088 kHz, 30-06, 1730 UTC

414/31 Attention

54790 93407 78632 14877 71183 87982 99113 49961 89503 52436
17422 64063 20851 86208 46754 99247 34447 02028 15725 87186
49758 14387 30091 65083 19172 70906 15177 83086 37077 74296
05795

Attention (message repeated) Out

9610 kHz, 27-06, 0745 UTC

10356 kHz, 30-06, 1530 UTC

268/33 Attention

54509 12271 53056 14989 58684 02459 79511 80581 01949 38568
34903 58768 74365 60182 05717 27691 20992 41939 18606 53469
17273 53875 93561 49062 36893 43238 75228 09386 94952 51249
88018 62884 97196

Attention (message repeated) Out

12815 kHz, 27-06/29-06, 0845 UTC

714/32 Attention

68300 74461 35067 89038 18184 40603 09571 49331 37581 76281
76877 86415 84028 48187 88333 96312 60653 97851 22710 87910
03347 19337 95658 31914 33348 26115 24687 65451 83706 27796
69824 39019

Attention (message repeated) Out

14972 kHz, 28-06, 0845 UTC

154/28 Attention

21835 96008 34636 28662 05136 69418 28877 65551 17374 31512
12678 82685 57075 45013 78210 99271 32046 04654 28843 09314
88929 96357 26260 14915 22419 52715 94037 07866

Attention (message repeated) Out

S06

Group Count Cycle net

16022/13940 kHz, 02-06, 0830/0930 UTC

16022/13925 kHz, 03-06, 0830/0930 UTC

842 157 34

59422 79477 18264 29947 28224 99400 81735 87962 28532 86758
20944 62827 30449 01805 60879 73012 68987 07856 34390 39189
04607 67732 33208 83074 36198 02432 69999 81452 89945 29176
37393 05063 32503 21050
157 34 00000

16022/13936 kHz, 09-06, 0830/0930 UTC

16022/13940 kHz, 10-06, 0830/0930 UTC

842 960 35

35218 76251 07363 32887 36641 92553 65183 55398 75530 15041
99738 48442 90413 79480 80565 88185 79586 39642 62907 57857
69229 51591 27946 42639 56608 33472 00470 11762 89320 05474
67424 05001 66507 39645 45772
960 35 00000

16022/13936 kHz, 16-06, 0830/0930 UTC

16022/13936 kHz, 17-06, 0830/0930 UTC

842 517 36

88903 89962 38019 25144 85147 82857 63900 76720 29571 16105
77870 45673 72092 28721 97146 03807 75315 26668 91266 72411
88741 47670 74901 30100 06679 44484 92962 82061 33268 03813
83920 20432 03088 43052 32291 30463
517 36 00000

16022/13925 kHz, 23-06, 0830/0930 UTC

16022/13933 kHz, 24-06, 0830/0930 UTC

842 956 37

53072 29474 81975 67190 82989 16585 12468 30954 41424 22374
87133 21064 16784 27825 80591 34119 84623 48473 34362 71936
00089 65405 55616 54042 54144 75109 10164 01355 85741 19104
14367 14506 67147 79297 55664 95213 04591
956 37 00000

16022/13925 kHz, 30-06, 0830/0930 UTC

842 701 38

68706 89384 57162 06010 65090 85043 84141 84231 72342 99553
35736 76394 98929 35479 00921 83106 01582 19903 07260 78009
02595 09686 40997 76967 79495 58557 76223 52654 81764 19451
80315 30496 54283 80533 87826 26899 72225 58360
701 38 00000

S06g

11073 kHz, 20-06, 0740 UTC

352 352 352 34726 804 31

45630 70369 70717 75839 44082 51982 17624 65044 65691 49198
05701 96178 78945 22398 01578 01011 10714 21149 04132 04173
10408 98718 85836 73669 21255 62245 12336 62501 07154 00733
90763
804 31 00000

S11a

5149 kHz, 04-06/05-06, 0830 UTC

373/35 Vnimanaye

21016 75002 73694 03050 01258 80302 01069 96854 00068 05513
83567 52723 84359 94125 99790 63433 08808 70094 16781 78466
81603 13605 73562 77147 32472 07389 49691 09311 30514 62938
92156 60347 89926 02982 46271

Vnimanaye (message repeated) Konets

9339 kHz, 06-06, 0700 UTC

478/35 Vnimanaye

20461 51923 85034 05881 84960 12647 17312 39226 41410 59442
72651 94199 11247 43430 51919 36822 95306 16066 64583 78623
83419 25263 38137 72690 02621 13686 31052 13802 99854 99533
01629 97985 92982 62366 99926

Vnimanaye (message repeated) Konets

13537 kHz, 08-06, 0510 UTC

651/35 Vnimanaye

78173 75593 58881 94148 77447 59101 21586 13546 37975 96037
91881 21778 71598 53418 18768 68304 22109 25659 85911 34468
80374 88945 28979 24212 43410 10889 51351 41448 40398 22861
02627 02165 60648 66333 25554

Vnimanaye (message repeated) Konets

9968 kHz, 14-06/15-06, 0445 UTC

791/31 Vnimanaye

84943 40864 27344 59074 50963 50504 25899 99558 81677 32317
49178 17856 33760 92302 10810 11283 56274 54968 74670 56605
91255 19913 60680 40477 15165 04978 71283 03813 23997 78453
74732

Vnimanaye (message repeated) Konets

7772 kHz, 14-06/17-06, 1400 UTC

424/35 Vnimanaye

86800 01507 48110 28858 39811 81991 45750 15862 08173 59487
 15032 90910 84327 11359 35561 73684 69541 58876 82189 32378
 61841 88831 69366 30889 94119 53406 48319 46453 64004 14727
 72653 50785 29095 10273 48508

Vnimanaye (message repeated) Konets

12457 kHz, 15-06/18-06 UTC, 1850 UTC

280/34 Vnimanaye

56416 81758 99741 81331 12387 93878 07107 78491 57658 08231
 42919 78910 20499 41905 72182 83973 partly missed due to extremely
 loud radar interference 76228 34862 97029

Vnimanaye (message repeated) Konets

6814 kHz, 20-06/24-06, 0915 UTC

487/34 Vnimanaye

41529 21494 55444 56049 29938 06255 31751 14666 77332 50969
 61246 35973 30567 50261 74120 29697 24629 49734 71888 04578
 10170 03258 50111 50390 60469 27685 64095 81284 05526 99154
 31555 26923 84964 54185

Vnimanaye (message repeated) Konets

V07**13479/12179/11479 kHz, 05-06, 0300/0320/0340 UTC**

414 414 414 1 165 100 165 100

81068 11925 97647 73132 53476 64428 04130 21910 19331 45611
 58842 81625 34619 55158 14888 62439 12396 93336 46007 46721
 14384 61534 37176 33053 91333 65230 48118 04173 28161 86256
 01867 61660 42702 59135 70056 84953 62275 75599 46497 82976
 59548 40553 19780 07330 49184 78801 66038 04088 18924 62147
 54538 11532 31054 27574 28974 53474 78606 23996 68859 67874
 74999 11723 57814 25049 61182 01686 03117 39613 21276 72075
 83197 90990 09937 79164 48854 39820 21447 15355 99457 60241
 99165 44888 61480 04715 76408 36632 08565 24415 34822 74293
 07674 96603 _____ 78 75539 43385 58524 14558
 000 000

13479/12179/11479 kHz, 12-06, 0300/0320/0340 UTC

414 414 414 1 8615 122 8615 122

88911 15128 29177 46395 96002 17263 56757 93801 23938 18303
 12812 50998 53364 32733 86185 40794 38131 47550 59640 01966
 95702 80503 89561 19030 89298 07276 71014 45989 37469 44794
 31794 42509 08272 14849 18736 73475 54171 53113 91329 66883
 57650 44623 40871 13279 49304 30836 01625 37206 57634 24689
 25742 05809 70196 68597 43076 74981 38921 84863 10240 05003
 56779 30479 35544 87021 59722 67137 11314 77888 91459 12720
 77148 74211 60447 77317 07417 31262 34476 59144 12223 64810
 62652 56411 04716 57051 76600 02048 34534 69523 99283 63673
 31905 00873 75804 33549 91787 82203 58009 38926 08810 39183
 00244 27471 11926 58943 80221 50312 15294 18061 67799 42623
 64412 67467 41809 20146 44694 89138 80022 90197 87745 02406
 63854 14375 000 000

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

V13 note by Anon.

On June 26th, V13 broadcasted on a new frequency -8169 kHz- in AM.

While USB is the standard, AM was frequently noted on the various daily schedules.

None of the broadcasts between 000 and 0300 were heard since June 27th. The other schedules were all there. A maintenance break perhaps?

See the Logs Section for V13 logs.

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

4685 kHz, 11-06, 1335 UTC, LSB
4685 kHz, 14-06, 1207 UTC, LSB
9510 kHz, 15-06, 1303 UTC, USB
4832 kHz, 15-06, 1303 UTC, LSB
9510 kHz, 17-06, 1207 UTC, USB
4932 kHz, 17-06, 1232 UTC, LSB
4685 kHz, 21-06, 1214 UTC, LSB
4685 kHz, 24-06, 1202 UTC, LSB
4685 kHz, 24-06, 1329 UTC, LSB
4685 kHz, 28-06, 1236 UTC, LSB

VC03 - Chinese Air Defense

Anon sent us several messages of VC03. Thanks for the transcripts and recording!

Anon mentions some particulars of the VC03 transmissions:

- Some of the voice transmissions have a carrier.
- To correct a digit, they use numbers like "4242"
- After the messages have ended, groups like 1919 are still broadcasted for minutes
- They use Chinese PSK2 2400Bd serial waveform more often than in the past

10144 kHz, 08-06, 0523 UTC, USB, i.p.

4103 5270 4101 7453 4104 7266 4103 5965 4101 7162
4104 4173 4104 1101 7660 4104 7256 4103 7453 4104
5273 4104 5474

9877 kHz, 08-06, 0527 UTC, USB, i.p.

8160 1023 4078 7604 2319 4732 9820 9370 5986 8765
6147 1352 3429 2174 4085 9085 6074 5678 5392 5490
5176 7028 4189 4210 8976 3158
(Mic disconnected)
6439 9464 7048 4128 9253

8572 kHz, 10-06, 0841 UTC, LSB, i.p.

2154 3233 2153 3162 2154 3013 2931 2154 3067 2154
3235 2160 6229 2161 3011 2931 7154 3233 2154 3038
2160 3433 2160 3018 6946 2154
0677 2154

8772 kHz, 10-06, 0845 UTC, LSB

2530 2161 6667 2161 6827 2100 3269 2161 6233 2161
2530 2161 2931 2161 5005 6928 2161 3435 2154 3475
2161 6831 2154 3235 2161 6575 2161 6830 2154 2530
2161 6667 2161 3011 6633 2160 6649 2161 2965 2161
6033 2161 6825 1613 3175 2161 3435 2154 3475 2161
6831 2154 3235 2161 2729 2162 2535 2161 3032 2153
3011 6666 2154 6967 2153 6748 2161



8779 kHz, 11-06, 1133 UTC, LSB, i.p.

3127 5101 1816 5102 6102 4108 2913 5104 2837 5103
1815 5104 1813 5104 3233 5103 3432 5104 6101 1611
5101 3413 5103 1864 5102 2922 5101 3620 5104 3216
5104 6101 1922 5104 3616 5104 1814 5102 2922 5101
2623 5102 3737 5102 6101

7846 kHz, 12-06, 0715 UTC, LSB, i.p.

1389 6169 0621 7066 4246 1601 1214 4326 0736 0158
7137 3980 0196 2444 4628 8562 2890 9057 9245 6217
3941 8441 8657 6650 4702 2830 1744 9315 1051 8850
7613 5765 1238 9062 8765 0612 4208 8176 6532 9277
2945 5471 8008 5949 3020 1124 4858 6056 1752 8544
6549 1561 2606 2195 5687 7250 7187 4098 5217 9122
4816 2015 0300 3257 7896 3817 0561 7908 8879 3848
7061 6548 1364 0981 0981 2978 8552 9612 2798 8403
9862 6669 9570 6444 5608 6020 8426 0041 7749 6504
9149 9045 7983 6644 1817 4585 1338 9921 4553 1980
4352 0734 0699 5157 5771 1601 9247 2691 0786 0159
0928 8307 1768 1579 5719 9184 3016 8349 9870 3824
3460

8708 kHz, 13-06, 0322 UTC, LSB, i.p.

4876 5632 4321 4562 9067 6403 4570 8749 1067 1432
0284 2387 6802 6279 8325 6439 1523 9258 7369 9827
0328 3421 8347 6491 6738 3742 1234 9385 8762 9756
4024 2314 7256 2580 7649 6487

9391 kHz, 14-06, 0556 UTC, USB, i.p.

1237 5738 5133 5146 8791 1465 2839 1805 4832 1250
1478 4510 4157 4329 4268 8159 8132 8105 5812 2105
5136 5839 1450 8542 0567 5376 2804 8792 3210 5157
1257 1735 5688 8340 4868 9613 3203 1847 8312 3157
3721 5613 4509 2465 5138 7051 2687 4931 4785 3710
4789 5468 9380 8392 3145 8362 4180 5153 4325 5473
4170 7482 5490 3891 7380 1919 8032 8342 3940 0382
1527 2073 4329 5671 1257 2564 8564

9423 kHz, 14-06, 0559 UTC, USB, i.p.

0834 4693 5460 8294 4160 7385 3801 2965 3576 5784
8249 9305 1478 8174 9643

9452 kHz, 14-06, 0604 UTC, USB

0614 1350
3352 3390 289 2325001
1418 5101 1227 5101 3033 5103 2620 5104 2031 5101
3126 5104 3017 5104 3127 5101 2031 5101 3031 5104
3420 5101 3230 5102 3619 5104 1836 5104 3633 5104
2620 5104 1740 5103 4322 5101 2931 5101 3126 5014
1820 5104 3633 5104 3618 5101 3511 5102 1835 5104
3126 5104 2627 5102 1215 5104 1322 5104 3320 5104
1713 5101 2715 5103 1613 5103 1415 5103 3120 5104
2931 5103 3317 5103 3619 5101 1614 5102 3320 5104

9423 kHz, 14-06, 0603 UTC, USB

0614 1350

9388 43 9536

1625 3268 9310 8403 3826 3091 6812 1647 0712 8912
5269 6594 9362 9621 7925 7526 8495 8120 5209 7851
4316 0465 1956 9045 1276 4036 7348 5360 8517 0548
1506 0217 1873 2367 8023 0912 3940 5269 6102 4081
4819 0061 3065 6371 1476 4673 8623 4578 9621 2761
1030 2859 0841 7293 0915 1083 5630 9041 2910 7562
4763 8032 9713 5498 3508 4192 1580 0356 0591 3297
1062 9504 9348 2905

7126 kHz, 16-06, 0114 UTC, USB, i.p.

7662 4949 3050 5993 8305 8330 3048 1107 4731 4339
4030 4799 1043 0240 5185 1344 1339 5119 8333 6530
5949 7933 2182 6496 6130 2066 0040 8211 0211 3744
0466 5393 1761 5005 4006 7209 2992 5332 0662 1166
0340 9990 0448 4083 7949 8107 9110 7443 8574

(+ unreadable conversation)

10187 kHz, 21-06, 0646 UTC, USB

3637 38 2062 3999

27 6621 1440

9008 9112 44 4345

4816 3814 8325 4027 1629 5693 9536 1057 4208 0749
9483 8456 7209 0724 1635 2591 3102 8435 0678 7691
9347 7025 7198 9103 1362 4960 0647 5428 6851 1253
9583 0581 5018 7692 7623 6093 9146 1024 2478 7345
4913 4671 7642 9613 5270 7384 2068 9408 9185 7458
7146 1534 3186 3015 8560 2834 7402 7925 1980 9167
7613 9675 7238 0894 8735 8521 9420 3426 0461 0951
7609 7260 7961 3280 4391 4583 8150 4182 2579 4367
5901 9371 7834 7961 2401 2358 5062 6782 8034 4695
4019 4027 5018 1792 9148 9536 6783 3562 6203

12008 kHz, 21-06, 0658 UTC, USB, i.p.

4563 8120 4579 0256 8105 6430 4768 7485 0683 2716
2083 4579 4856 1452 0231 2798 6938 4508 0872 8796
5389 2613 6783 2534 1743 7128 4710 1783 6420 9253
4891 0312 0839 0281 4061 5148 9468 7324 7269 9210
6812 2823 3789 6543 3201 1532 1569 1984 9853 4893
4916 8954 5327 0468 7102 0532 7243 3498 7321 8732
8012 0571 1659 1832 7089 1026 5918 0629 5903 2153
8479 8673 8064 4503 0142 9517

10187 kHz, 21-06, 0705 UTC, USB, i.p.

4962 4653 7834 4315 3054 4763 3182 7148 0725 5871
5170 0423 4593 3246 7645 4385 0618 8441 7826 3056
0148 5694 3654 4356 4836 6045 2597 9587 4031 7932
0426 6547 3876 6573 7423 3614 3016 1683 8174 6179
8513 5264 6473 3165 3546 7053 5270 7152 5962 8405
7059 4037 4567 3854 3452 6245 6039 6930 9785 8260
3970 3784 7345 3064 7654 6357 8796 4069 3142 4821

9513 kHz, 22-06, 0519 UTC, USB, i.p.

2618 0972 8150 8615 7620 3179 2980 8635 8759 2473
1853 8435 1598 1462 7831

9513 kHz, 22-06, 0525 UTC, USB

76 1323 89 49 90
3637 38 2078 39 81 0622 1300 44 9098 9114
4245 1604 6973 4825 7803 0925 5993 5867 3984 4126
2137 0467 3618 5432 0432 2139 1743 8590 3470 9817
4709 1392 7068 0462 6317 0379 8729 0239 9583 1645
3482 5328 9316 8567 9820 0516 0748 6427 9270 2138
4937 9321 0945 4231 4768 2970 2698 1286 1378 3546
9031 4583 6437 7659 0845 1365 5347 0156 5473 6791
4632 4365 4756 4308 3456 4918 3562 1365 3574 7845
7354 3546 7345 6524 1742 0576 4653 0653 3752 3564
5329 6532

9412 kHz, 22-06, 0520 UTC, USB, i.p.

1919 5102 3620 5104 3014 5103 2813 5101 3431 5103
3333 5103

9426 kHz, 22-06, 0541 UTC, USB

3180 3956 1613 1028 9635 2569 3586 5386 3580 4198
6721 9013 8951 8126 7594 7035 0728 3408 0734 9230
6471 1673 1872 0428 6592 0159 7021 7364 5398 8203
2638 2893 2975 4269 1480 2506 1946 6501 2567 7305
3458 5761 6041 9625 0951 5497 0128 4057 2486 1384
5298 9174 9130 1903 4368 0614 7561 0834 4693 5460
8294 4160 7385 3801 2965 3576 5784 8249 9305 1478
8174 4928

11475 kHz, 25-06, 0306 UTC, LSB, i.p.

2838 0591 1683 1365 8761 7152 6953 2301 8941 2358
7679 3071 8946 2051 4257 8598 0694 6983 3846 7946
5639 5983 0915 2795 4082 5603 4512 2348 2846 6127
6175 6893 7465 4832 2546 7685 9423 0863 2936 3915
1802 5063 8159 5081 1463 8193 7125 7943 7943 8059
8614 4605 1598 1425 2950 5309 4750 7605 2036 2630
2365 6093 1379 5210 9473 1258 9740 5023 5760 0186
6528 6953 1128 2154 7480

9457 kHz, 28-06, 0312 UTC, LSB. i.p.

1249 9763 1480 5612 0739 6293 6234 4759 8130 8905
7549 9651 6328 3749 1982 9280 3768 9410 4375 0536
8374 6542 5839 1893 3804 9618 7594 4598 0456 4326
8245 3092 1234 8765 1289 5071 7495 8965 5239 4013
2458 5768 9487 7918 2304 4231 3679 8639 8503 6053
0758 7452 4369 1293 2078 3895 6752 3805 5948 8749
6058 1238 1320 7139 0608
185, 185, 199, 199 (Different ending than usually)

MORSE STATIONS

MX

Reported beacons:

Beacon D, Sevastopol	7508.7 10871.7 20047.7 kHz
Beacon P, Kaliningrad sending WW P	8494.8 (17-06, 1219 UTC) kHz
Beacon P, Kaliningrad	7508.8 8494.8 13527.8 16331.8 kHz
Beacon S, Sevoromorsk	7508.9 13527.9 16331.9 kHz
Beacon C, Moscow	not reported
Beacon A, Astrakhan	10872.1 13528.1 16332.1 kHz
Beacon F, Vladivostok	5154.2 13528.2 kHz
Beacon K, Petropavlovsk Kamchatskiy	7039.3 10872.3 13528.3 16332.3 kHz
Beacon M, Magadan	7039.4 10872.4 13528.4 kHz
Beacon L, St Petersburg	8497.8 kHz

M01

5280 kHz, 02-06, 1800 UTC

025 493 493 30 30 = =
83476 65734 67322 67532 68744 76534 27836 65323 23685 76532
74645 57634 63452 72362 23658 67523 45768 43657 56236 35264
34764 43653 34657 74633 64353 63475 65732 63453 65433 36252
= = 493 493 30 30 000

4903 kHz, 02-06, 2000 UTC. No key group in the postamble

025 996 996 30 30 = =
89743 78346 74623 89453 74363 78346 32792 68937 74368 76453
89723 62532 67348 35468 67543 23977 67532 65322 87463 43768
72836 47633 26857 73652 62532 23734 86343 26531 93473 78346
= = 30 30 000

6435 kHz, 04-06, 1500 UTC

025 247 247 30 30 = =
74368 51264 59487 43762 75462 75463 67534 67534 67859 65433
78346 64353 63542 78546 63253 54897 43658 67354 93476 73652
76434 84343 35467 26531 78346 47836 35634 67523 64533 64572
= = 247 247 30 30 000

5280 kHz, 07-06, 1800 UTC. Group 26 was not repeated.

025 836 836 30 30 = =
82367 32786 45238 78432 67843 92387 67238 89032 32768 (6832) 68325
62713 92873 78263 76235 43897 76238 76325 39487 23765 82715
98743 39843 23658 64573 87934 65423 73486 73562 45978 32465
= = 836 836 30 30 000

4903 kHz, 07-06, 2000 UTC. Sent only 29 groups. Different repeats in red

025 313 313 30 30 = =
74362 32786 45238 78432 64534 64543 64735 653 76543 78463 56347 78456
75436 52642 76343 76345 54321 38704 54632 98743 54323 37846
34523 75463 54632 52423 75438 73645 65432 34216 95487
= = 313 313 30 000

5280 kHz, 09-06, 1800 UTC

025 743 743 30 30 = =
45732 98438 12754 82340 78495 92105 93404 91236 42012 54021
29567 10438 48502 84328 50492 94582 41645 93201 86574 05091
34721 20574 93284 92349 40305 32106 40321 75780 74312 95439
= = 743 743 30 30 000

4903 kHz, 09-06, 2000 UTC. Different repeat in red.

025 945 945 30 30 = =
93482 04934 92304 12745 83295 19548 18458 12305 05948 39585
38012 74382 04031 75483 10495 94832 05963 94810 94834 10958
49543 02009 85439 17327 43827 49284 85843 82174 06943 12321 12331
= = 945 945 30 30 000

6780 kHz, 12-06, 0700 UTC

025 374 374 30 30 = =
89327 63523 98734 65372 32715 34763 65743 48793 67354 67532
82937 26543 28973 62351 73462 23651 84673 26523 26751 76433
67453 64735 47864 21657 52431 87346 34762 88641 37465 73465
= = 374 374 30 30 000

5280 kHz, 14-06, 1800 UTC

025 715 715 30 30 = =
56348 01276 05749 45132 87905 67326 01876 58901 56329 91257
57419 04765 64839 16548 01769 27659 17690 57493 01675 01769
64921 90156 07983 81425 05784 69015 82657 01768 02759 18693
= = 715 715 30 30 000

4903 kHz, 14-06, 2000 UTC

025 465 465 30 30 = =
58679 14576 90765 83154 13245 01643 80613 47698 91543 85647
15463 13256 76130 42576 01579 14267 01543 76513 89057 16548
32567 65431 90765 14326 90714 01657 15368 18045 01457 01765
= = 465 465 30 30 000

5280 kHz, 16-06, 1800 UTC

Many errors. 39 groups were sent, mostly repeats following errors. Horrifying morse.

025 808 808 30 30 = =
74632 38972 65893 54672 65214 56731 18946 67841 67391 67391
64781 64781 65481 75614 75614 53912 93821 74621 45618 34561
65781 53672 90371 63826 53671 74626 64721 32541 27831 93721
= = 808 808 30 30 000

4903 kHz, 16-06, 2000 UTC. Horrifying morse. Many errors

025 202 202 30 30 = =
37891 03478 64910 46822 44990 51901 63911 01020 58785 45780
65213 67811 88077 39121 34509 82641 56234 00900 53298 23221
64583 33433 49701 42347 38410 53287 41230 41227 52306 37466
= = 202 202 30 30 000

6435 kHz, 18-06, 1500 UTC

Extra figures were added to groups, some partly, wrong or no repeats

025 998 998 30 30 = =
56578 38749 52001 98209 54536 75684 98609 24315 11132 76870
35426 76587 98009 57648 23121 34524 65476 24354 77680 57768
23143 44657 54657 54657 57648 57909 57648 11322 67648 90987
= = 998 998 30 30 000

6780 kHz, 19-06, 0700 UTC

025 445 445 30 30 = =
56755 38744 01019 20033 58749 30054 57644 85876 00129 38476
46453 06978 10023 45365 57648 58869 39856 00198 39899 24435
26253 48787 11098 96537 09980 25342 45342 46587 99809 34352
= = 445 445 30 30 000

5280 kHz, 21-06, 1800 UTC

025 632 632 30 30 = =
97463 01746 25678 03758 46389 01548 38919 46378 02730 16784
35488 87453 17327 03644 81646 38027 01654 93025 48201 83679
48281 47317 84621 05729 84219 05638 38275 04628 52698 64218
= = 632 632 30 30 000

4903 kHz, 21-06, 2000 UTC

Various errors, different repeats, missing key and group count and separators

025 (27 secs pause) 6 (26 secs pause)
94737 74936 57456 89546 48721 45678 37894 04674 56784 43564
65321 34563 45367 81342 05365 26734 01254 53673 36547 67342
73895 36567 36721 62543 81653 26785 51784 14532 78345 16738
647 647 30 30 000

5280 kHz, 23-06, 1800 UTC. Missing separators. Errors/different repeats.

025 654 654 30 30
63521 15367 63715 43512 67831 56371 74562 63781 04528 34528
54636 63541 36534 53634 53424 65372 78462 76452 54628 67352
87353 54678 89736 54672 35647 25637 54619 56371 53672 64784
654 654 30 30 0000

4903 kHz, 23-06, 2000 UTC

Long pauses between groups, broken groups and it sent only 28 groups

025 231 231 30 30 = =
43561 53467 65371 98362 56732 83541 34526 89367 54672 53672
56378 53467 53679 54671 54681 82736 53678 24535 53678 24536
25637 78393 64712 35647 73894 63547 73862 27363
= = 231 231 30 30 000

6780 kHz, 26-06, 0700 UTC

025 285 285 30 30 = =
83901 48390 18376 01548 38136 04738 18473 04727 17409 26496
04738 28195 05829 04328 67493 18403 49201 27490 58396 18605
05839 48376 98650 14647 13564 91647 49026 51326 05837 39015
= = 285 285 30 30 = =

4903 kHz, 28-06, 2000 UTC

025 379 379 30 30 = =
83216 02865 01247 09783 71423 69040 58140 73459 81703 94715
17592 04819 72504 20687 91870 99461 59485 49156 48675 91754
73298 58473 10965 49865 10367 29543 19705 02674 90814 40986
= = 379 379 30 30 000

M01a

9129 kHz, 15-06, 0532 UTC, i.p.

498 498 498 52566 52566
111 000

M12

14926/14426/13426 kHz, 1600/1620/1640 UTC

14926/14426/13426 kHz, 01-06, 1600/1620/1640 UTC

944 944 944 1 812 68 812 68
42091 09931 12035 46769 07877 60186 18440 77561 19508 25488
68829 25728 37436 50723 93710 93850 41593 43753 89673 23030
89089 32100 71468 17390 98910 62888 78622 25474 87884 54489
84754 07010 86932 01702 12365 57632 28983 21216 51732 94697
49090 58418 69116 39530 84296 26378 65131 04010 96020 69580
40971 35447 43638 12568 57879 92523 96628 55934 73519 12752
78321 17610 94109 96768 51401 14607 82195 82977 000 000

14926/14426/13426 kHz, 15-06/19-06, 1600/1620/1640 UTC

944 944 944 1 472 60 472 60
33247 50855 89738 52144 49525 26945 97751 18818 88236 77774
13755 37619 51505 07422 75129 30649 23408 77672 89991 26386
75473 72899 71586 15776 48803 91112 95163 09857 85308 89578
74273 31011 59375 03410 00610 62670 66389 72346 65049 68696
06532 45813 01376 46070 59941 23784 42260 06743 28520 32723
61594 96429 12365 07015 68282 56935 34229 30505 81177 66708
000 000

14926/14426/13426 kHz, 29-06, 1600/1620/1640 UTC

944 944 944 1 3460 83 3460 83
13869 06089 41153 20862 04993 32886 52866 00196 19904 87515
45672 32385 34201 31277 66486 31365 27843 05631 36137 53685
98127 52006 74605 02231 28783 34633 50609 60344 45370 72240
38382 55723 17091 83661 32537 51288 08768 12928 55677 59156
63328 89810 91729 51567 42867 32107 60915 15631 95720 43200
09927 62605 31037 66898 08398 94794 76287 24700 78407 35940
72396 78434 70147 54845 34256 00789 43121 54360 39483 78315
25899 53229 08414 61462 50255 18098 61533 78687 08919 68905
15162 72687 68746 000 000

10223/9323/8023 kHz, 2210/2230/2250 UTC**10223/9323/8023 kHz, 01-06/04-06/08-06/11-06, 2210/2230/2250 UTC**

239 239 239 1 401 24 401 24
66299 58622 34884 09795 51558 38478 88395 09255 12044 74021
49540 76525 31675 93541 28501 90950 19499 57853 15119 99604
32421 89548 81085 51509 000 000

10223/9323/8023 kHz, 15-06/18-06, 2210/2230/2250 UTC

239 239 239 1 8822 76 8822 76
97732 86432 27952 61673 39053 44945 94285 07321 20224 61353
56551 86441 62368 58114 21603 05118 19372 64213 26284 83896
00605 29253 20976 75105 84545 90105 51902 47401 03640 19948
11062 46304 98110 30299 90800 10176 46835 91121 60896 88430
35641 16550 21986 72255 72047 48310 39545 95382 70455 57926
34279 54156 70912 36687 97688 87780 19569 24517 36639 54751
02524 30301 35680 00687 41638 12411 60833 37365 11381 09027
78462 26060 97534 90437 78277 38398 000 000

10223/9323/8023 kHz, 22-06/25-06, 2210/2230/2250 UTC

239 239 239 1 584 84 584 84
80117 80797 10864 52230 15642 05900 26177 78202 78062 78504
89204 39232 30707 33505 02829 87039 73685 51608 65273 31501
23737 60448 23108 80626 39133 76326 07511 06950 84174 35281
71715 16921 62862 33049 85966 85280 51755 62628 37472 13145
33125 29758 66181 22379 06942 07499 25084 44235 43116 22665
20057 06021 26946 18754 24123 22084 77509 78470 10772 92587
30425 53578 58633 75784 96664 11450 07250 59051 90274 03483
48123 32457 18851 34156 76445 18857 93243 88214 89362 70376
91921 74887 04562 65638 000 000

10223/9323/8023 kHz, 29-06, 2210/2230/2250 UTC

239 239 239 1 3546 90 3546 90
01663 13569 46856 08945 66343 99108 67097 07730 46565 70914
93761 03293 11626 63719 52297 78404 85226 90811 20869 76505
44383 31554 00344 74914 59625 26243 24419 59108 92898 00201
08188 49862 13927 59440 01971 01642 98129 14793 68793 82816
26856 72212 95867 29116 65360 30203 67288 36745 94116 77417
52969 14271 88680 91285 58834 38768 91256 67198 18348 54786
88362 80813 86496 02984 96477 83876 71237 87024 88015 04796
72051 09159 22047 58188 06494 21031 51432 06614 03966 49928
79968 70910 19588 19984 86067 54589 13193 49543 78439 75094
000 000

14581/13481/12181 kHz, 02-06, 0700/0720/0740 UTC

541 541 541 1 115 182 115 182
36085 65747 93271 40787 72303 81705 12290 30928 68563 10307
20567 11045 30686 06908 15316 22150 08632 50006 95802 55091
74349 92880 48266 71553 48450 47976 56592 49449 66036 04106
04172 41540 27239 53478 73145 42271 53001 95745 54875 15913
47642 53388 17252 37988 85573 38114 88832 88919 10925 26317
98606 14972 73636 61987 47909 94179 46657 06889 21752 48913
99851 28907 25322 90867 93978 35743 69242 60241 22682 70739
85602 85192 88876 76402 43264 07674 57540 24187 43562 76975
68099 64107 40889 19821 80473 41944 58627 69579 93536 16874
39078 38562 46118 37704 35068 25605 28085 85388 09273 02208
99835 40707 66759 66995 39838 95647 12700 61265 35655 04467
41082 32706 04131 66852 46154 12988 39716 12644 21092 49675
84685 44872 38358 68655 25280 77555 14680 22856 10830 47066
92561 15123 50822 50173 22049 93559 40297 09209 75704 52827
97728 33003 72180 43786 76622 59218 81835 98642 63981 41542
90972 96494 82900 19056 83574 00215 21264 92769 51030 97693
85002 02257 99087 60058 50590 48317 22264 51220 99980 80712
48599 28101 61266 62261 31370 40891 60858 41398 81259 89805
57595 62037 000 000

14581/13481/12181 kHz, 07-06/09-06, 0700/0720/0740 UTC

541 541 541 1 471 84 471 84
47235 84000 90885 63600 72317 45471 75103 09241 92824 22836
69247 60086 43025 47367 24546 06916 50395 36406 04663 89030
53851 66989 46110 74207 85753 29944 34003 75016 49111 62568
84867 22001 47767 91276 45533 75126 71427 11640 22030 84256
20351 27534 43970 70724 58591 09021 49568 01077 68969 97151
04259 52819 39683 63484 46919 11752 25048 69191 21301 28982
26761 13913 02289 05522 41790 94377 73534 26206 94301 58834
90104 40382 03062 70800 02086 23740 89398 33352 74214 71501
20367 53896 44545 24168 000 000

14581/13481/12181 kHz, 14-06/06-06, 0700/0720/0740 UTC

541 541 541 1 9450 24 9450 24
14893 30525 31267 05805 15839 55464 02357 85304 26352 62266
09158 47559 45047 72810 35140 55363 94080 02916 14633 23423
54715 06744 74437 47044 000 000

14581/13481/12181 kHz, 21-06, 0700/0720/0740 UTC

541 541 541 1 5737 60 5737 60
85040 47831 27920 26552 09937 76581 23620 73926 44235 30332
99055 25041 79227 51326 07334 99014 38231 92636 12152 63702
67216 13298 73375 73990 71972 66945 62862 87781 60418 53562
97869 84798 33784 75787 94266 57686 00394 06054 23689 85579
80266 27038 82359 03849 16147 47026 24824 70647 58900 73689
38421 00108 81173 53733 44414 98797 59502 19447 96520 84852
000 000

14581/13481/12181 kHz, 28-06/30-06, 0700/0720/0740 UTC

541 541 541 1 206 130 206 130
14371 90872 39760 74208 89366 17705 76053 00344 66403 07552
08980 88032 66053 44283 91316 93773 22489 14967 76713 75368
39964 01398 64030 91407 59337 51627 93661 72239 63564 02589
15954 44589 96594 34887 38308 09926 44127 17793 50351 64526
86395 79164 22925 87241 11746 99364 99252 31380 57352 53242
23732 73591 57656 22977 53283 31994 93515 27862 53079 93496
43681 38874 67580 98819 16067 29605 25750 79118 89511 63389
54796 87937 12845 51676 36825 86350 00906 64208 14483 36812
05462 43748 33127 88358 29154 30327 19981 95722 38364 71679
94568 36663 88805 09231 36877 97056 53404 74296 72744 99484
24801 14005 04194 47523 24600 87401 57530 30243 56605 28013
25594 23064 39537 44184 16781 99462 88406 52609 75511 79000
54924 96721 05502 92629 04907 20266 70648 77104 05050 46928
000 000

13386/12189/11491 kHz, 02-06, 1110/1130/1150 UTC

725 725 725 1 5513 91 5513 91
89753 31112 66693 29993 41962 14979 20630 32748 84516 71807
02477 60132 91439 69399 91504 95794 05998 95953 31429 60310
88918 87428 12181 32430 00755 87207 82596 26710 20672 19506
45019 70359 04449 86129 64327 94924 81133 31308 12229 86184
48310 92749 30100 82016 62037 32129 32180 08033 04914 11111
55027 17936 71546 08209 01775 23996 20914 72919 28676 88543
28110 38264 88073 71309 89117 25016 37453 48710 80360 47838
75455 26948 88190 03539 84290 76502 46629 82891 78332 09350
12549 32457 61923 12892 74521 90970 83900 11126 58324 59190
81332 000 000

13386/12189/11491 kHz, 09-06, 1110/1130/1150 UTC

725 725 725 1 1801 92 1801 92
07000 82624 47010 74008 19621 20860 02646 61864 21947 32653
91510 70788 83923 21653 65366 09148 94230 86449 53986 81605
16116 37959 79308 31615 67258 36598 93096 32067 06842 69902
74458 43533 71070 39444 10944 08831 37560 48401 07620 85138
65451 75008 65210 96366 54324 33645 46445 72953 87325 45520
22473 22217 38653 91763 76827 70069 88433 22713 49879 01896
37883 53195 11519 54321 73538 78137 52196 10507 80861 24684
68679 92406 71829 80547 58242 65915 31381 76306 85540 61562
28109 75152 43242 58912 27589 92845 59293 59393 14771 52114
81430 52309 000 000

13386/12189/11491 kHz, 16-06, 1110/1130/1150 UTC

725 725 725 1 2345 99 2345 99
52700 48252 38010 73137 96006 67486 92147 03325 21290 43102
77860 82733 63393 07539 39885 74192 25369 14549 86999 88269
68818 79012 40710 00601 61141 69986 91405 47281 24414 79888
81253 56491 89143 36766 38888 27994 71108 78960 73363 22980
11115 02361 77444 68065 56058 04256 97093 59957 44352 00816
31335 41625 50801 06518 79580 02538 16082 74738 43602 45332
33638 46425 15243 80973 59134 42566 49114 89708 10486 90163
36596 41394 10860 23105 83992 55264 31822 83249 66766 02784
59115 06571 99740 02631 81608 25331 37429 39672 28530 79356
86365 43022 42258 24446 05919 06201 31872 63855 08347 000 000

13386/12189/11491 kHz, 23-06, 1110/1130/1150 UTC

725 725 725 1 6938 91 6938 91
31198 49203 19681 72661 80424 16800 86317 47711 09315 06764
88673 37857 70105 56516 05551 86263 48152 09583 68143 98360
41694 23154 64112 89574 60779 13111 03569 32119 77937 17015
02624 33893 91044 39518 67477 80408 42961 76325 04170 57583
21828 37845 29818 62427 66358 15672 15565 23778 97862 06083
32317 68237 71124 73166 25737 97627 55749 82399 30300 86525
74420 85947 82961 23735 50262 21639 31370 11531 22910 11788
58269 61798 68654 78250 17322 20061 04843 49773 93554 36463
38186 75937 61087 10110 81411 72779 66438 22075 89307 83683
34365 000 000

13386/12189/11491 kHz, 30-06, 1110/1130/1150 UTC

725 725 725 1 8073 96 8073 96
95215 01341 36509 40587 91027 89161 04963 13860 77995 88408
35986 75937 10731 86968 02879 11178 94177 45196 54498 70677
29717 17185 53247 69967 25902 67992 15306 06905 64240 11911
71904 69791 48263 00187 09900 83490 48774 05350 08981 81610
19141 71906 35797 60513 46676 10191 67388 46257 86397 51015
76476 43379 70980 52802 98945 83601 09934 92623 02459 86591
32086 96017 16369 70630 35561 63447 28798 89075 21452 39851
70187 76379 62545 39371 79887 11037 74839 16811 16389 96999
45143 71306 55992 14253 60169 16098 52043 13392 03755 66467
53463 34542 11420 34550 81323 33503 000 000

14493/13393/12193 kHz, 2110/2130/2150 UTC

14493/13393/12193 kHz, 02-06, 2110/2130/2150 UTC

431 431 431 1 423 47 423 47

91059 04445 04979 45559 62256 43275 24040 42598 83274 97173
64645 06430 60714 18038 76386 58768 29429 28037 97237 42775
30260 32260 83416 24896 70376 69114 73485 60812 56266 22602
50614 14466 01027 67521 46497 16107 66599 56570 32292 39914
23332 87789 75376 42856 36790 44825 54479 000 000

14493/13393/12193 kHz, 13-06/16-06, 2110/2130/2150 UTC. Horrible audio on all 6 transmissions

431 431 431 1 3024 89 3024 89

99967 95703 74263 47284 24473 13563 57661 71786 56981 95373
82552 21865 87851 46977 58148 26715 02830 07946 48233 19781
89772 00783 56626 49549 94258 29464 11738 53035 58435 57227
71933 87742 93943 28149 15787 07034 12478 13057 39082 36085
56488 07524 31132 74693 14708 54515 62802 41941 58564 95760
11554 94879 75669 13484 58281 71455 25357 17393 13021 40121
37697 96634 95572 28765 91409 07504 70583 34361 58373 52766
77308 25159 23059 70803 40856 98796 01054 60871 05908 76364
29640 32918 44868 93575 05143 59803 25381 48001 00114 000 000

14493/13393/12193 kHz, 27-06/30-06, 2110/2130/2150 UTC

431 431 431 1 1746 95 1746 95

39374 89336 45623 24055 85628 90642 66237 75546 98468 47223
57531 02192 79812 10081 63047 00516 51946 20002 68811 40359
70277 23801 94271 83709 24710 72364 81258 46106 65995 08933
70357 17230 03303 90841 29566 99450 74571 64432 50778 00394
54535 25750 41165 66359 44803 36087 25166 92745 51782 52129
65149 95766 59553 65186 52745 88058 48825 39944 64993 94147
70431 01461 78496 84369 90502 91882 29109 83339 27704 97701
06546 23927 57684 58785 41016 94570 63314 16936 07693 25548
12561 75196 93707 44721 23971 55055 71652 09717 22422 18299
96227 23093 76977 90750 67974 000 000

7857/9157/10457 kHz, 0030/0050/0110 UTC

7857/9157/10457 kHz, 03-06, 0030/0050/0110 UTC

814 814 814 1 3236 61 3236 61

32586 52687 04393 80040 76754 32852 13733 61069 53491 09503
19277 54159 90802 03952 52265 14811 69113 36577 76176 20530
25135 07324 45404 38538 54130 27791 90026 36517 94566 73880
56992 84739 86300 53636 59457 09247 91294 86833 05017 65156
92308 06535 53975 22025 27978 29361 50718 89329 48710 07096
99467 28821 92825 25150 37396 80802 56772 05227 78813 04872
89654 000 000

7857/9157/10457 kHz, 14-06/17-06, 0030/0050/0110 UTC

814 814 814 1 650 93 650 93

50072 88089 16369 54767 92039 18830 03054 47457 95142 01302
85381 64677 01815 44052 89937 45682 80136 32658 66614 81924
06950 49759 69868 09451 48763 38930 88080 34587 20040 74629
53742 22610 40866 39802 89268 28838 34443 02255 87304 77576
56471 66747 33011 51764 95395 18362 56291 04582 29279 21299
46319 00317 67959 02721 01901 50825 50676 98642 07781 04871
86827 26946 86827 07972 64245 49074 28132 88645 02427 14475
77078 61849 75479 28068 94501 69391 02046 00600 14244 65812
50140 68939 57461 39725 04862 37248 25896 11275 53086 05087
72656 59667 12083 000 000

7857/9157/10457 kHz, 28-06, 0030/0050/0110 UTC

814 814 814 1 864 79 864 79
49911 04707 62140 36483 94458 78218 36596 62500 55969 22782
36884 02417 72559 56098 66060 64856 70651 04674 02021 19195
99441 24468 66868 48679 75685 92244 62385 24164 18162 80763
73445 42390 27122 08534 86945 47120 55878 64993 99451 33814
93747 72009 55076 35568 22356 37400 24353 35000 78671 92888
75857 60612 08550 78227 02738 04096 82159 61802 21670 92716
98996 14380 35290 05175 36889 69296 76490 49623 06264 29987
95365 44425 94506 78143 52293 18454 38742 18789 05299 000 000

11144/10544/9344 kHz, 2100/2120/2140 UTC

11144/10544/9344 kHz, 03-06/04-06, 2100/2120/2140 UTC

153 153 153 1 281 154 281 154
03780 23395 07646 70222 45280 86172 17853 71137 13725 54979
94925 68371 08734 66231 86078 35328 82659 74050 01647 32392
17433 47705 02224 05754 75056 06622 69421 92728 13737 14424
30266 97201 38484 16920 58097 63931 10434 36368 96808 64714
71897 02256 78218 76131 81023 31541 81583 62623 67924 95186
72522 87437 49572 52031 74067 65039 01920 00521 28872 01920
34772 04918 36204 31235 31874 14473 95351 86510 12239 95715
58287 95142 96618 91977 94919 92443 73487 34677 06525 27807
84332 05934 61508 22965 82015 57110 15009 13477 85099 87860
26539 32991 89050 98070 49649 77808 19169 64509 17874 97021
31213 68237 79884 20186 30555 70227 50307 26164 06498 30712
16594 83669 74688 79770 02565 82108 03984 30135 93810 85070
23542 27728 93665 97466 74101 90897 18551 75887 41130 15974
21777 22095 32954 13629 74889 96148 15145 19114 59411 32239
68027 06859 49013 96350 34268 78398 66960 81211 78490 45980
88322 65316 44126 76574 000 000

11144/10544/9344 kHz, 10-06/11-06/17-06/18-06, 2100/2120/2140 UTC

153 153 153 1 695 102 695 102
89517 72075 71567 01376 52058 06729 12500 77117 30876 06094
39171 55139 99932 64659 78979 95563 64914 35321 23987 35290
37008 48751 79558 97037 70229 19821 63585 72277 77335 69544
01937 74484 99216 44139 81129 13128 21412 48060 43855 30165
25740 36235 44021 21318 80664 65839 01687 24338 54290 45651
34543 87532 44254 24306 38277 57765 28566 26983 74111 03598
32925 99401 97478 69481 83587 97105 56755 97173 63442 25511
03633 28500 50257 91026 55202 99948 18430 73893 04505 61620
86065 65791 14637 33932 43832 00119 06681 14499 57040 09112
53884 80708 79699 81126 37659 33483 75300 88160 54649 40111
14762 60752 000 000

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

11435/10598/9327 kHz, 04-06, 1800/1820/1840 UTC

938 938 938 1 4094 71 4094 71
83023 76694 68291 52665 15646 51309 79021 09879 06300 80676
17239 36557 62506 77070 63965 51548 54637 07628 33393 70343
09970 87584 21172 16236 00886 30027 48107 65839 21875 21562
08983 90007 87210 49096 58933 82023 14306 68278 55851 49871
20607 29544 79765 43243 67211 99328 95310 07334 62831 58196
16335 58587 26254 16665 60997 49906 18367 32055 22451 09289
82540 07361 68425 42671 96003 45376 46007 92956 68348 37196
82479 000 000

11435/10598/9327 kHz, 11-06, 1800/1820/1840 UTC

938 938 938 1 9300 77 9300 77
76495 58921 15312 08572 23515 55866 29597 74486 00048 62636
91324 41339 90359 20334 63602 13129 39497 05243 60196 96446
68290 54292 09145 06388 67908 52743 59652 46591 62213 79636
33569 89214 37867 02511 31462 35770 65479 13054 54348 84532
43523 29936 31408 83176 72975 97983 99456 20146 24690 30369
52875 23663 59007 47935 81703 25061 93287 60693 92401 23626
60911 45842 73154 27220 30906 56680 99795 83173 01276 51959
51313 51945 78932 75196 85490 18130 46194 000 000

11435/10598/9327 kHz, 18-06, 1800/1820/1840 UTC

938 938 938 1 9376 77 9376 77
80607 71142 13539 75479 00763 24300 92074 08987 48206 27577
32137 83075 28132 83888 95505 27700 49526 70696 78234 66977
89688 86185 06060 22965 86821 12158 58922 42638 09845 08631
37219 11477 55699 26746 05585 88360 36835 76830 28952 53943
40161 81460 38864 96242 68433 25950 58826 24116 51127 49313
80527 65839 21965 49591 44176 46168 22811 53650 66724 42572
53399 49863 94156 03740 12094 86822 10442 88827 55010 25254
04170 32440 70531 99637 14574 62982 34381 000 000

11435/10598/9327 kHz, 25-06, 1800/1820/1840 UTC

938 938 938 1 1394 73 1394 73
41050 78637 33923 17069 76270 45579 52360 93630 63758 79280
64926 88356 12841 00323 81653 39693 43772 13102 19068 35247
66051 57492 82421 85010 69392 91969 76216 83167 39173 85850
84130 72032 47794 20253 53437 77563 32461 35908 52833 51221
82214 40753 06398 13181 61177 25001 65345 19216 27378 99851
20304 70541 99746 53847 10918 97488 36589 51307 04897 30903
50489 11115 96758 23841 39866 72945 88352 31787 40147 47215
02499 61711 91766 000 000

14926/14426/13426 kHz, 1600/1620/1640 UTC

14926/14426/13426 kHz, 05-06, 1600/1620/1640 UTC

944 944 944 1 812 68 812 68
42091 09931 12035 46769 07877 60186 18440 77561 19508 25488
68829 25728 37436 50723 93710 93850 41693 43753 89673 23030
89089 32100 71468 17390 98910 62888 78622 25474 87884 54489
84754 07010 86932 01702 12365 57632 28983 21216 51732 94697
49090 58418 69116 39530 84296 26378 65131 04010 96020 69580
40971 35447 43638 12568 57879 92523 96628 55934 73519 12752
78321 17610 94109 96768 51401 14607 82195 82977 000 000

12205/13559/14728 kHz, 1230/1250/1310 UTC

12205/13559/14728 kHz, 06-06, 1230/1250/1310 UTC

973 973 973 1 843 60 843 60
05105 11509 21416 87493 78314 30599 46362 52427 97503 07999
67755 22052 05605 57780 62114 02274 51693 69810 31896 30458
29083 35615 99316 99778 69686 43141 98791 50759 12650 48736
33761 33219 03196 11490 91177 42082 56877 60178 28569 70698
24727 21997 03393 45320 10618 15580 35000 18505 40108 84624
17497 18646 65194 43392 50375 08539 69338 61128 32048 89263
000 000

12205/13559/14728 kHz, 13-06, 1230/1250/1310 UTC

973 973 973 1 5164 57 5164 57
04719 92661 14836 34047 67097 12037 63142 41768 80826 42870
16316 34837 61284 83402 16368 68733 94236 09978 92391 67088
18758 42720 56508 19923 83612 92441 87941 16751 82773 37309
78749 71628 17201 77087 51405 56889 19444 00454 90569 00665
67434 63694 03737 23700 72547 46804 50122 45098 63403 52187
62058 31050 95548 01502 73784 38401 14937 000 000

12205/13559/14728 kHz, 20-06, 1230/1250/1310 UTC

973 973 973 1 8342 59 8342 59
69235 31908 41926 88696 92922 82581 53597 59003 23060 76572
28925 39917 16082 06041 87553 62215 26758 63233 59932 62139
05064 52399 17755 58596 64715 87237 31824 75113 39342 82386
77173 67906 70015 98517 97362 61297 64469 69098 96056 39182
96207 93556 44939 35328 07628 37898 70368 91499 33524 46753
76802 10914 24569 30240 11425 62383 69361 11347 92257 000 000

12205/13559/14728 kHz, 27-06, 1230/1250/1310 UTC

973 973 973 1 7239 60 7239 60
77933 25038 26550 67605 97611 74460 25000 07754 24893 40163
87603 91715 70326 75540 80063 59687 72722 59970 20596 20536
85665 76077 04838 52001 85742 75091 43329 15174 88290 31111
99528 28247 16062 61647 91352 93738 54971 58046 32793 27563
25631 76998 90852 76347 80284 64320 18006 07654 98157 23176
54094 13795 32787 09892 90708 09611 33654 67155 60600 70276
000 000

13892/13392/11592 kHz, 2000/2020/2040 UTC

13892/13392/11592 kHz, 02-06/09-06, 2000/2020/2040 UTC

119 119 119 809 94 809 94
47694 79907 86434 62408 28464 08479 81421 89737 50555 30646
48318 13127 37005 48560 59765 09334 75355 63195 15483 72955
41048 77906 17480 61892 25930 86123 83371 76493 20506 17022
07006 71819 83361 06070 72280 92772 70964 16188 45751 76316
35670 93790 51325 26042 89918 64369 40122 31269 95719 92063
94210 11579 82433 91700 51554 78628 69722 88707 90829 24757
86753 69197 84556 97822 14116 98406 66765 84479 07094 22049
73582 33358 08264 10407 73334 79779 43714 51819 22899 87650
41315 48088 60049 21275 70017 84729 97877 55715 85570 92394
48629 53220 86604 94803 000 000

13892/13392/11592 kHz, 20-06/23-06, 2000/2020/2040 UTC

119 119 119 1 7142 68 7142 68
44634 33449 52501 04604 88539 75594 26735 58267 03253 83904
78559 00089 77985 59590 41887 80945 82549 87569 01507 04318
77261 95758 79608 23995 34678 79539 57088 71637 28652 54572
83035 95497 93905 62811 50979 67745 07259 20976 43274 59829
97566 89637 93120 12251 76221 25620 22321 42913 29831 57331
07081 48767 88107 50586 20012 87512 33495 83973 71432 92846
24233 90606 59492 33220 25817 57110 36045 57622 000 000

15823/14823/13923 kHz, 1900/1920/1940 UTC

15823/14823/13923 kHz, 08-06/10-06, 1900/1920/1940 UTC

889 889 889 1 515 51 515 51
44040 32634 81984 54822 09193 69685 24478 21485 74521 40019
93300 45177 24878 43139 09936 43911 34310 89626 16645 04267
25177 26926 69205 72412 50475 47967 24344 26615 75975 45957
64856 81185 90030 20793 42164 51067 55053 80714 42147 70022
43911 93951 10379 65040 80775 34526 09133 87544 81075 00347
95193 000 000

15823/14823/13923 kHz, 22-06/24-06, 1900/1920/1940 UTC

889 889 889 1 455 70 455 70
26849 91779 96473 95349 33272 78142 27596 58736 90678 38024
44746 82287 86209 93042 61794 84597 73980 35402 31191 48300
51649 93819 54252 10425 84353 04306 05481 63030 13686 90523
15338 68995 05279 67850 11535 32837 49380 46400 39217 40868
02348 08735 02074 21355 06790 96038 80381 32146 53934 73764
53346 22864 14902 38925 24137 74488 73581 14461 94912 63211
26722 52300 10998 09187 98205 29089 80505 28153 66878 07167
000 000

17427/16327/14627 kHz, 1600/1620/1640 UTC

17427/16327/14627 kHz, 13-06/16-06, 1600/1620/1640 UTC

436 436 436 1 759 77 759 77
19800 82821 33848 92465 76191 59409 57032 50452 37804 21117
84673 77006 34897 94151 85057 82919 59782 22378 34249 40506
44343 32331 08844 31794 95206 62162 50480 01597 91002 43764
26163 45590 82404 06812 46612 00274 10356 54539 77943 68157
80164 20241 39947 69086 89585 58968 29322 07597 78644 09149
24375 93933 46745 41952 20483 51137 01894 21919 68350 68138
23915 73415 36418 80203 21966 56052 11994 31032 52435 47543
05463 34385 39719 74151 25493 70522 41615 000 000

17427/16327/14627 kHz, 27-06/30-06, 1600/1620/1640 UTC

436 436 436 1 802 81 802 81
52968 79982 00797 46448 09359 19717 51928 01467 69652 46374
49831 61680 86605 62425 94727 82566 83835 20152 34527 16333
97028 73601 43382 77314 55288 69852 01353 55749 49101 71035
03387 09059 28408 00670 74449 98363 92143 58036 89745 86877
77001 73059 90003 39834 71598 39679 56499 89267 50779 88144
68554 38203 93473 67303 86203 14131 09614 68667 46433 37805
94794 89675 66300 29271 95594 63490 59530 84394 14625 32806
05277 91318 56404 45403 06237 56278 00653 85877 58914 22254
57512 000 000

M14

12211 kHz, 01-06, 0502 UTC. Late start. Callup 952 952 952 00000 instead of 952

10243 kHz, 01-06, 0520 UTC

952 371 371 62 62 = =
91524 21288 18519 60828 60828 48595 70678 33226 10920 70791
85180 47446 11179 20894 94875 67520 47971 79051 17090 37970
08335 77594 74189 49207 12271 31248 88416 30494 71306 98705
33478 26602 65518 36473 47545 81589 56195 30946 37378 78155
76332 19644 28243 05989 66153 37540 39323 57567 45829 49432
89305 74826 42597 54279 61824 95154 14463 72449 85461 70132
37667 51823 07986
= = 371 371 62 62 (no closing nulls)

12211/10243 kHz, 02-06, 0500/0520 UTC

952 846 846 51 51 = =
53830 98473 65215 35628 91529 16938 31904 63454 15395 23900
24697 16469 21318 35793 85706 79911 83914 42773 26029 85896
21931 04457 48223 44556 47719 66082 70839 85439 67993 31014
34692 07608 28032 50527 95549 61853 16535 16822 32943 13485
73303 70193 29775 59119 66948 56305 02417 95914 34797 94488
85976
= = 846 846 51 51 00000

12211/10243 kHz, 03-06, 0500/0520 UTC

952 703 703 54 54 = =
57869 05544 56707 57567 17458 71848 28378 08340 91908 39525
06291 07558 96339 03680 38511 33223 84114 22894 51810 63504
42631 91947 84031 82320 39997 68939 88430 44791 71023 98981
20925 57232 75961 01677 46189 51398 30445 14536 23541 57638
30049 09556 58544 06678 17924 25120 31274 14692 28930 80422
37183 31373 48709 64592
= = 703 703 54 54 00000

12211/10243 kHz, 06-06, 0500/0520 UTC

952 418 418 52 52 = =
82313 01207 38412 13926 42974 90742 92944 99281 25293 40502
34809 85171 93752 58615 08248 85762 58907 71454 88154 65732
70192 31458 37978 23540 01036 86393 74749 10342 12174 39725
89687 26738 04137 56782 97800 64537 94834 96421 14929 85731
83171 72862 85670 55866 84632 77379 10620 73984 49788 14557
46364 66352
= = 418 418 52 52 00000

12211/10243 kHz, 07-06, 0500/0520 UTC

952 603 603 52 52 = =
80333 43953 11852 62104 00878 25882 99475 99784 35433 71107
96339 80265 31028 77051 75951 78083 70385 82492 33066 46291
90126 02356 76358 73552 35016 42667 21973 45639 34177 25380
36385 53501 10212 77744 02023 15117 57180 65926 04079 03289
48350 77539 61943 96592 59685 82797 53715 95655 19979 28968
07211 71954
= = 603 603 52 52 00000

12211/10243 kHz, 08-06, 0500/0524 UTC

952 718 718 55 55 = =
86265 91082 88043 86777 22749 02544 68220 90177 93274 27379
76370 65563 17098 49627 46545 27395 62598 66540 16726 99252
91003 75923 09316 35016 56060 43269 10548 34678 76861 34617
78515 03232 25993 26062 34498 25048 00212 25873 17273 59205
65822 70139 05112 58193 95952 77889 35132 93434 41908 76626
74700 26059 05709 34203 24579
= = 718 718 55 55 00000

12211/10243 kHz, 09-06, 0500/0520 UTC

952 436 436 51 51 = =
58066 96830 16543 83256 76078 53848 23039 55892 05558 60393
89680 49604 31236 47321 81755 20891 60872 54772 81683 65416
65629 77799 35883 46102 89297 56221 22829 27183 87300 13419
65746 31400 81423 73732 38366 62530 41209 13166 37178 60432
27941 23073 18641 80802 62167 91526 24755 16825 00700 32048
45461
= = 436 436 51 51 00000

12211/10243 kHz, 10-06, 0500/0520 UTC

952 780 780 53 53 = =
11742 24130 86392 68013 96028 02575 27248 33307 16927 26012
73043 74770 33856 94534 14267 69921 34759 24701 92855 99219
50824 91854 57583 41770 28717 60058 57442 60955 52520 60547
77690 03459 32576 04668 48274 60094 03398 42217 79289 61895
97864 01137 03197 09895 89863 69489 28441 62030 22580 05655
34208 25623 64617
= = 780 780 53 53 00000

12211/10243 kHz, 13-06, 0500/0520 UTC

No transmission

12211/10243 kHz, 14-06, 0500/0520 UTC

952 143 143 52 52 = =
 37045 00958 04889 21216 85338 39132 02630 60954 22712 36879
 33164 59638 31235 80302 80796 82701 32683 26306 45155 78850
 98395 45627 25125 43462 85015 95271 49748 16841 44532 62522
 67037 72033 82100 47723 26636 71879 60026 78017 17261 99980
 71403 69230 44874 95296 31799 78086 62505 45029 62456 11945
 87683 15503
 = = 143 143 52 52 00000

12211/10243 kHz, 15-06, 0500/0520 UTC

952 607 607 58 58 = =
 96921 20028 63671 07222 00611 15483 03225 02630 97009 50020
 17454 75506 40267 11750 08687 21456 03204 13774 62435 43008
 48351 93135 60863 10724 02211 25876 76822 27123 43678 12889
 21898 60645 42560 16274 46883 41808 09130 50851 18150 38761
 40656 60553 18317 54425 75837 34356 44686 12397 93088 41458
 03867 23816 13610 90377 26023 52373 95181 41667
 = = 607 607 58 58 00000

12211/10243 kHz, 16-06, 0500/0520 UTC

952 813 813 52 52 = =
 57423 12707 64687 84256 14742 26864 93497 19506 52330 48386
 03292 50782 77194 99785 19013 39702 56863 90941 26258 70278
 66544 48654 87821 75399 40295 66230 60338 63807 24627 65262
 71967 52240 57990 86812 47037 32444 24581 54175 88615 27733
 55893 74408 54914 18794 78468 70820 90485 43403 31274 63608
 98141 99773
 = = 813 813 52 52 00000

12211/10243 kHz, 17-06, 0500/0520 UTC

952 467 467 51 51 = =
 93393 53543 72232 30980 54268 58747 47607 80709 97590 00567
 42022 75743 69486 53354 20858 86124 10876 50211 67082 88960
 93703 57862 24353 27722 36164 46546 15231 47017 95367 47117
 95416 07562 60898 12533 29972 10996 97667 25931 02437 89257
 11542 22477 92806 38200 36150 17161 85289 00125 64320 55746
 91783
 = = 467 467 51 51 00000

12211/10243 kHz, 20-06, 0500/0520 UTC

952 801 801 54 54 = =
 13263 11689 17348 81250 41555 87101 60255 04725 03522 19418
 31826 00316 09126 80498 76642 92081 59392 54147 82161 34468
 87362 80657 40232 13645 33535 97725 70426 57925 66699 48421
 78632 24457 86136 75890 49330 54362 66090 69490 94998 13531
 28465 76031 11093 51242 54689 02824 10020 13805 72670 96212
 32559 95405 79785 00285
 = = 801 801 54 54 00000

12211/10243 kHz, 21-06, 0500/0520 UTC

952 346 346 57 57 = =
 39264 34890 58562 58756 64529 20541 77082 70956 64832 25119
 48001 29256 92737 36029 06263 73007 43120 93256 54796 06858
 64298 38749 80175 22843 87220 56136 19955 80772 46167 67962
 17588 26610 89383 82626 25895 53523 03105 08223 44989 35307
 97382 75459 05627 86843 27176 36843 33894 31313 47132 34327
 58183 78823 23488 52599 44397 46157 51554
 = = 346 346 57 57 00000

No transmissions found after June 21st

7416 kHz, 02-06, 1608 UTC, i.p.

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =
 TR AR NW QTC 1 NR 72 = =
 NR 72 LM V DW4H 317120 MC4H GR 91 = =
 HMHM NIFNB UFWPN YAXZR NBNSY CHAMT IPBRC TJQHI CSQKS XFIAD SRCXZ
 NXANS XWXXC HMGQQ KNTIA ZDQSO OOIMN CBHAM NIFNB = =
 NR 72 LM V DW4H 317120 MC4H GR 91 = =
 HMHM NIFNB UFWPN YAXZR NBNSY CHAMT IPBRC TJQHI CSQKS XFIAD SRCXZ
 NXANS XWXXC HMGQQ KNTIA ZDQSO OOIMN CBHAM NIFNB = =
 NR 72 LM V DW4H 317120 MC4H GR 91 = =
 AR AR

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =
 TR AR NW QTC 1 NR 62 = =
 NR 62 JJ V CG5C 217120 CG4H GR 81 = =
 CHCHC OCOHD WKYQF NZGWR NOTBT LWPEG QAUMC RBQKT YFNJC HBOZE
 ALNHJ FOSFC KZKJW TYBQX DPRKQ WRPJR ADLHS OCOHD = =
 NR 62 JJ V CG5C 217120 CG4H GR 81 = =
 CHCHC OCOHD WKYQF NZGWR NOTBT LWPEG QAUAC RBQKT YFNJC HBOZE
 ALNHJ FOSFC KZKJW TYBQX DPRKQ WRPJR ADLHS OCOHD = =
 NR 62 JJ V CG5C 217120 CG4H GR 81 = =
 AR AR

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =
 TR AR NW QTC 1 NR 52 = =
 NR 52 JJ V WJ2M 117120 DW5D GR 71 = =
 DDDDD WSEEP EIMPH GQWAT FNXUS FCFUZ RBHOE JRELT XYTPZ GNFIE BZKNY
 QGQHP RBHGH IURTE RPMSK LRHKW MSEEP = =
 NR 52 JJ V WJ2M 117120 DW5D GR 71 = =
 DDDDD WSEEP EIMPH GQWAT FNXUS FCFUZ RBHOE JRELT XYTPZ GNFIE BZKNY
 QGQHP RBHGH IURTE RPMSK LRHKW WSEEP = =
 NR 52 JJ V WJ2M 117120 DW5D GR 71 = =
 AR AR

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =
 TR AR NW QTC 1 NR 42 = =
 NR 42 LM V CG5C 017120 LE5C GR 61 = =
 LCLCL CTYPP TNCGN MKPEU PEIEL NQMZZ LEJQQ HHECF DWBJZ RYNSS XCPSU
 WALMX TOQYH ZUDHY DSCKO CTYPP = =
 NR 42 LM V CG5C 017120 LE5C GR 61 = =
 LCLCL CTYPP TNCGN MKPEU PEIEL NQMZZ LEJQQ HHECF DWBJZ RYNSS XCPSU
 WALMX TOQYH ZUDHY DSCKO CTYPP = =
 NR 42 LM V CG5C 017120 LE5C GR 61 = =
 AR AR

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =
 TR AR NW QTC 1 NR 32 = =
 NR 32 LM V DW4H 907120 HS4H GR 51 = =
 HHHHH GPZNQ SQSSN SLDRH ADBMC IGWRX SHXNM UDIRK BYFWC ESYGF
 GDQMR ZBYKD XQXNE NZFCI GPZNQ = =
 NR 32 DM V DW4H 907120 HS4H GR 51 = =
 HHHHH GPZNQ SQSSN SLDRH ADBMC IGWRX SHXNM UDIRK BYFWC ESYGF
 GDQMR ZXYKD XQXNE NZFCI GPZNQ = =
 NR 32 LM V DW4H 907120 HS4H GR 51 = =
 AR AR

VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = =

M51a / M51b

M51b: 6825 kHz, 18-06, 0925 UTC, i.p.

Non-stop 5-character groups composed of M51a messages

UJDKX VBDJZ WNSHQ XVDKA OLQLP OKHNC VHFUR SHNXJ WVXHZ JSKZI
OLDJH VCJSU ZYDFS WBXJS 37281 KJNCG TGDHS 7359/ JNWKs YHDKS
OLSJU YHSPL WNDHZ CIAHV XVCGR AIKSP LIJFT 52847 GBWCV VCHFP
AIKDM SJWNX KAUSD LSORV CHFDZ WHNSJ AIKDP MIKJY HBFVG LDFCV
XBSKZ 63829 UJSLA BWJRY FLQPA MLJIT CHFUZ SBXJS UJQKA ZNWHF
YHDKZ SHXVC YHZKQ WBXJZ 53826 ZUJDL NBXJD YHAPS XVCJF 18548
YHDIK XBCKS ZUHDK WNXKZ KIOSL HNWJS THZLP WBXKS YHDGV UJSKZ
VXYRP SJXLZ WNXKF CJSUR CKSUZ WHNCP LXIET DGSUZ 36528 NBCVX
UJSKA ZUSFC XVVXV HNXJS IKWLZ OPAJB GVFBH JSYRT FGCJS KJDGS
6382/ JNCJD XYHRI SJZIS /4637 XHNDJ SKAPL YHDUT JKDGC BXNQK
YTSHA WBXJM XKLDU LDLDU BCHVN GBCJR XVCHU TIGLD UJDKZ 65382
BWJSU AKSLQ WP off

M51a: 3881/6825 kHz, 25-06, 0700 UTC

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

SAMEDI 1/ LEÇON NUMÉRO 1/1 VITESSE 420 CODÉ =
JHFRD NJSDE ZPOYT QRWET IYUTO POLKJ ZCXVB MNJHB ASFDG 13957
VXSGW ., 'ASVA QDSSG LJPUO NVBFG YRTQW ASZXA QPLIH BCDVN HDYEI
10369 VXSUW 'AS?., TRYEU QEWAR BCXDS MJKHU RQEOH BGHVT XAZSQ
MNKHJ 47850 BQTBS VAAS/? . XCZPQ MLHPI XASQW LCMEY RGSWG XCADQ
PLKMO ZXCVD 75301 XUWDL ./?, = PLOIU BVDGW QTYRE ZXQWU PRUTY
BDGRT XCSRW OKRYU 85247 GRWTJ /?., 'FBFBI PLOIU VZBQI ETFGR
'AS./? NVDME 52036 VDGFS SHGCD AZSQL MNEYH DJFVO ALKCJ QWIVJ
BDGVX 50369 QAVNR 'VA+.? CBXZN MLFKE CALSD ETFUB +

SAMEDI 1/ LEÇON NUMÉRO 2/1 VITESSE 420 CLAIR =

LA COMMUNAUTÉ NATIONALE CONNAIT VOTRE COMPÉTENCE ET LES ÉMINENTES QUALITÉS NÉCESSAIRES À L'EXERCICE DU MÉTIER DES ARMES. ELLE DOIT AUSSI MESURER LES RISQUES QUE VOUS PRENEZ, LA PASSION AVEC LAQUELLE VOUS REMPLISSEZ VOS MISSIONS, LES RÉSULTATS QUE VOUS OBTENEZ SUR TOUS LES THÉÂTRES D'OPÉRATIONS. JE M'Y RENDRAI PROCHAINEMENT POUR MIEUX CONNAÎTRE, SUR LE TERRAIN, LES FORCES ET LEUR ACTION. JE M'INCLINE DEVANT LA MÉMOIRE DE CEUX QUI ONT DONNÉ LEUR VIE AU SERVICE DE NOTRE PAYS. JE TIENS AUSSI À ASSURER DE MA SOLIDARITÉ TOUS NOS BLESSÉS, QUI PORTENT DANS LEUR CHAIR LES TRACES DE LEUR ENGAGEMENT, ET LES FAMILLES DE CEUX QUI ONT ÉTÉ ÉPROUVÉS. +

CQ DE FAV22 VA

M51a: 3881/6825 kHz, 25-06, 0820 UTC

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

SAMEDI 1/ LEÇON Numéro 1/2 VITESSE 600 CODÉ =
QRDFT DSHDS MBNFJ PLEOI ZXACS FHRYE MFLRK ZXAQE URJTH 32156
PLOTI /- .VA' QEWSR CZXSA NVHFK QWRET UGTIO VCBDG MLGKT ZXADS
?VA'AS, VCDGW 63205 KHJGK ERATY XVDFS LMCKD ESVAZ QXDZA NBGHI
WERQY 96358 BVNVD ?., /' VCDFH LKJMF WRETC ZAQXW BFGU PLROU
CXFDE QWAE 47859 BCDHE .+'AS/ EUFUS POTIY QWAE BCVDZ ZCSQE
QWAEV NVHFK LBPNO 45632 WESKD ./, ?AS QWAE VBDJK LPROF XCSW
SADFG LKJHG ZXASW CVBFN 02365 BCDHW ?+., / CVDFG XASZQ MWNGJ
URYTE PLEOI ARTWH ZXACW MHKYT 32056 VODJK ?., = 'NVBDG ZALOK
CVDFB +

SAMEDI 1/ LEÇON Numéro 2/2 VITESSE 600 CLAIR =

DEPUIS PLUS DE DIX ANS UN ORGANISME D'ÉTUDE LE CENTRE DE RELATIONS HUMAINES EST CHARGÉ D'ÉVALUER LE MORAL DES MEMBRES DE L'ARMÉE DE TERRE ET DE MESURER L'IMPACT SUR SES PERSONNELS DES DÉCISIONS MAJEURES QUI LES CONCERNENT, EN COMPLÉMENT DES RAPPORTS SUR LE MORAL DONT LA PERTINENCE N'EST PAS DÉMONTRER. BUREAU DE LA DIVISION ORGANISATION-RESSOURCES HUMAINES DE L'ÉTAT MAJOR DE L'ARMÉE DE TERRE, LE CRH EST À LA FOIS UN ORGANISME D'AUDIT INTERNE, UN OBSERVATOIRE SOCIAL ET UN CENTRE D'ÉTUDE ET DE SONDAGE, UNIQUE EN SON GENRE. FÉLICITONS SES PERSONNELS. +

CQ DE FAV22 VA

M89 - Chinese Military

12127 kHz, 08-06, 1005 UTC

V AP4R (x3) DE N5RV (x2)

R SVC GA =

891U/XX635/1237/34/62/03/X535A/COMM/1386 AR

RSVC GA RSVC GA =

891U/XX635/1237/34/62/03/X535A/COMM/1386 AR

R WK NR 510 NIL SK NIL SK

9322 kHz, 13-06, 0542 UTC

T7N3 73DU ND5A 3TDA 35DT 3N5D A37T U3TN 6DU3 TAN3

5TN4 DN3A 6D53 6U4T A5D6 D3T6 4367 45N7 3TAN 3D56

U4TN 4UD6 6D43 NT34 5DNA D3U7 NA6U N5TA 73UT UAT6

7653 T47U TU65 A4NT D475 A476 6573 UTDA A6T5 673U

4NT5 A46N 4567 TUAN D653 3AD6 36T4 4UN6 4N6U T754

D3T5 4D5T TUA7 5D6A 65TA 6UA7 3N7U 3U6D 76U5 AUD6

57D3 7U46 TNU3 6UN3 5DN4 7D53 U5DT T7A4 ND3A DNUA

5TA7 UT74 UN73 AU76 A6D4 A57D 7D54 56N3 DT34 5NT4

6D45 3ADT NUA7 5UN7 TDN4 7DUA NTA3 74A6 7A5N D7U4

45T6 47NA T5AD 6UT4 7NU4 3U6T IIII =

37D5 UTA6 UD37 75AD 6UA3 T546 A6D5 5NU7 UDA7 4NDU

TN43 6TAU A4DT 546T 46AD A5D6 47UD DNU3 4756 TD53

A567 AR K

Converted to numbers:

0793 7382 9851 3081 3580 3958 1370 2309 6823 0293

5094 8931 6853 6240 1586 8306 4367 4597 3019 3856

2409 4286 6843 9034 5891 8327 9162 9501 7320 2106

7653 0472 0265 1490 8475 1476 6573 2081 1605 6732

4905 1469 4567 0329 8653 3186 3604 4286 4962 0754

8305 4850 3217 5861 6501 6217 3972 3268 7625 1286

5783 7246 1923 6193 5894 7853 2580 0714 9831 8921

5017 2074 2973 1276 1684 1578 7854 5693 8034 5904

6845 3180 9217 5297 0894 7821 9013 7416 7159 8724

4506 4791 0518 6204 7924 3260 iii =

3785 2016 2837 7518 6213 0546 1685 5927 2817 4982

0943 6012 1480 5460 4618 1586 4728 8923 4756 0853

1567 AR K

M95 - Chinese Military

3794 kHz, 05-06, 1400 UTC, i.p.

3D7N A753 3DA5 A5DA

AR QSL ? K

R QSL 1001 K

R U GA K

R NR 185/CCK CK 25 47 0605 1001 RMKS 38475 TO 36A..8475 TO 3612 =

36AU 4T66 36DA ...

AR QSL ? K

R QSL NR 37K EEEEE R QSL 220S K

R HR WK NR 19 K

R HR WK NR 37 NIL SK K

R SK (1406z)

HR MSG GA K

R GA K

R NR 185/CCK CK 25 47 0605 2258 RMKS 3612 TO 8475 =

3.AU 4763 6DA5 A674 36A4 D475 ...

9054 kHz, 07-06, 2342 UTC, Q26: 4+4 QPSK 75/3000 LSB. Messages

9054 kHz, 07-06, 2346 UTC, M95: CW. Q26 message repeated in CW

9054 kHz, 07-06, 2359 UTC, V26: USB. Q26 messages repeated in Chinese voice

VVV HR MSG TO YR PSE CY

NR 092 CK 18 35 0608 0601 =
 UT5 TTD 3U4 3A4 TTA TTU TT3 773 353 U4T
 354 37U 4T6 445 4D6 N3D 4D3 3DA AR MSG AGN
 NR 092 CK 18 35 0608 0601 = (Repeats message)
 AR A HR MSG GA
 NR 008 CK 48 35 0608 0623 =
 5AA UTT TTD 3U4 3A4 5T7 5TD 75U 353 U4T ...
 AR MSG AGN
 NR 008 CK 48 35 0608 0623 = (Repeats message)
 AR A HR MSG GA
 NR 15 CK 070 35 0608 0703 =
 UTU TTD 3U4 3A4 TTU 773 354 373 336 N3D 353 ...
 AR MSG AGN
 NR 15 CK 070 35 0608 0703 = (Repeats message)
 AR A HR UP SB WK

4364//8073 kHz, 08-06, 0002 UTC, Q26: 4+4 QPSK 75/3000 LSB. XSV85: messages

4364//8073 kHz, 08-06, 0003 UTC, M95: CW

V BNGC (x3) DE XSV85 (X2)
 HR MSG GA PSE CY
 NR 0423 CK 076 35 0603 8 0643 =
 TTD 3U4 3A4 TAU 773 TA7 773 TAD 773 TAN 773 ...

MC03 - Chinese Air Defense

MC03 suffered from a broken transmitter.

Frequencies: Day: 8412.5, 8664, 8960 kHz

Night: 8361 (~400Hz wide), 8392 (~400Hz wide), 8665, 8960 kHz

UM04 - PROMRÖ

4735 kHz, 29-06, 0700 UTC

Still a daily schedule but often too weak to copy

VVV VVV PROMRÖ = 29 06 =
 1000 0710 0740 0840 1210
 1200 0750 0780 0880 1260
 1400 0760 0790 0890 1260
 1600 0730 0760 0860 1200
 1800 0710 0730 0830 1140
 2000 0790 0810 0910 1210
 2200 0760 0780 0870 1150
 0000 0660 0680 0760 1000
 0200 0620 0630 0700 0920
 0400 0540 0550 0620 0820
 0600 0590 0610 0690 0950
 0800 0680 0710 0810 1120
 = ABV

VVV VVV PROMRÖ = 29 06 =
 1000 0710 0740 0840 1210
 1200 0750 0780 0880 1260
 1400 0760 0790 0890 1260
 1600 0730 0760 0860 1200
 1800 0710 0730 0830 1140
 2000 0790 0810 0910 1210
 2200 0760 0780 0870 1150
 0000 0660 0680 0760 1000
 0200 0620 0630 0700 0920
 0400 0540 0550 0620 0820
 0600 0590 0610 0690 0950
 0800 0680 0710 0810 1120
 = AR

HM01 - Dirección General de Inteligencia

1-11 June: Groups and files from April 24th.

Groups: 04026 52666 16881 84635 31863 86536

Files: 81070402.TXT 38525266.TXT 00771688.TXT 36628463.F1G 74723186.TXT 66118653.TXT

11435 kHz, 12-06, 1630 UTC

Groups: 11055 53571 51544 46323 70622 57553

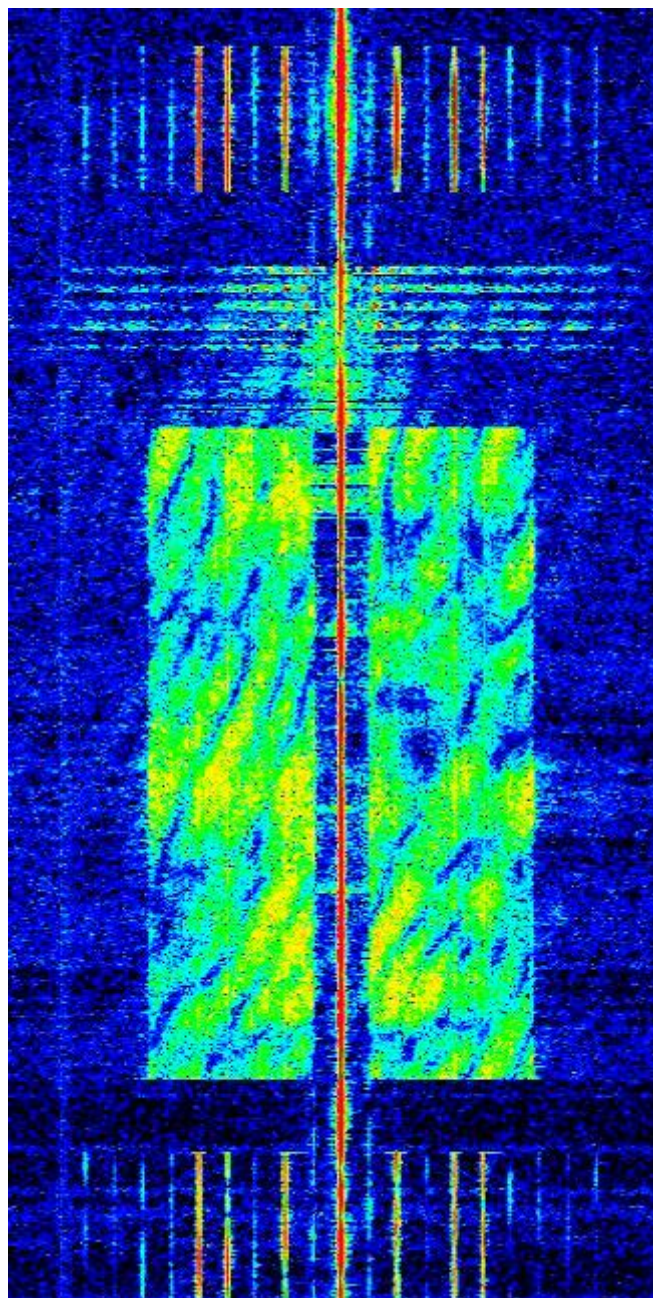
Files: 64111105.TXT 70205357.TXT 20325154.TXT 47014632.TXT 50417062.F1C 41575755.TXT

13-29 June: repeats of June 12th.

11435 kHz, 30-06, 1605 UTC

Groups: 02644 71262 10774 07441 68501 41811

Files: 50360264.F1C 22067126.TXT 42571077.TXT 80270744.TXT 52746850.TXT 23554181.TXT



HM01 signal. Voice and WinDRM.

Unid Russian net, possibly operated by Spetssvyaz, not confirmed of course ☺
10809 kHz, 29-06, 0914 UTC, ODFM-60 30Bd DBPSK **opname uploaden**

- Other stations using ODFM-60 tend to change to 45 tones, 112 tones or 2x 64 tones. This net however only uses 60-tone ODFM
- The link is in full duplex
- There is always operator chat after the transmission, also the voice of the opposite side operator is often heard in the microphone of the one you monitor
- Another clue, in the absence of voice chat, is the 3.3 kHz pilot tone
- The main HF TX site is TDoA'ed at Savolenka (near Yukhnov city, RUS) 54.7109 35.3777
- The opposite sites are located near Smolensk, Kaliningrad, Astrakhan, Yekaterinburg, Khabavorsk, Izhevsk, Chita, Voronezh, Samara, Murmansk, St Petersburg (all TDoA'ed with clean results, Izhevsk even confirmed via LOSWave on Kiwi remote)
- They often intruding ham radio bands (especially 80m/20m)
- Callsigns noted so far in the log: BORT09 GUSAR31
- System name is "Apparatura-10"
- Transmissions may go on for hours

- (1) Otvet'te!
- (1) Otvet'te otvet'te!
- (1) Otvet'te otvet'te!
- (1) Otvet'te otvet'te!
- (1) Mne postupila komanda konets svyazi. Kak ponyali?
- (2) Vas ponyal
- (1) Konets svyazi, spasibo za rabotu, do svidaniya.
- (2) Vsego dobrego

(1) Answer!

(1) Answer-answer!

(1) Answer-answer!

(1) Answer-answer!

(1) I received an end-of-communication command. How did you understand?

(2) Understood you

(1) End of communication, thank you for your work, goodbye.

(2) Good luck

16313 kHz, 02-06, 0849 UTC, Serdolik-2
13446 kHz, 08-06, 2055 UTC, Serdolik-2
14462 kHz, 14-06, 1350 UTC, Serdolik-2
15604 kHz, 20-06, 0813 UTC, Serdolik-2
13512 kHz, 21-06, 0753 UTC, Serdolik-2
16302 kHz, 21-06, 0849 UTC, Serdolik-2
18360 kHz, 22-06, 0809 UTC, Serdolik-2

QBN ?

OK

[illegible]

34774 167E3 6E140 81E30 70E03 404EE 34374 33E34 4E036

11100 30109 31729 01076 05003

GFMMW SWRWG OSWST NGFWE MOSFO SRNIP LYPOR SCLGK SERHQ ANWMU
TQOYP OVDPV YGSRD INQRL OWPCE QRGVO MPIKW IOHDV CTERB JGSKW
VRAIC EBUJO BPFTJ VIPKE CXDWS SFJYK BDTRP OPTXL QAWGV DXIXH
ATJNO JFALJ KVGAS FNIL DRYJP CDEFJ TBDIH XSUOE MGDAD IDORA
JTTEK LWXXY QKAEM XCQWI KPMHA QXSKI DUPON AQWWU OHUWV DVLUH
VRASB WFBCX CNSSR SXWXG FCPNO HRWUM INDYC RHUGF JRTNI MFHDB
CXWKA SYEUV YIIGC XBSRB YQOUD DVNNM YDLHK PBNEA TRWFJ NPSST
FUOQT BYNYF UQAJA NTWGH PICPB YTMKD RSJRO DHECH LMBGO NHSHP
OWASJ AXGTK VJAMY LSOQA KKAEE XOVMY XLHYC SJWYN ITAFJ QJDGD
LJXEF VUKSB FBYIW TAYVN LYIDQ XAWIC PQQDS JSUMP KLVTD NIDXY
ROTNK FHHSO EWPNH CYCCE NORVE URKVO IKUEE XCWCP WEMJK VSEVX
SUBMJ OPTGU YHVWF SVRRD XROVN RMKLF SSEHD QXKGA ARPAI BAEAB
IDKWF UUFPM EEXVT BNOOS QYNHX GVNJQ UAAEV BBBLO XESXY XFWFU
FKYTU ENBRB PXGKO PGORN XRWBI KIDVS REKTY QJDGC HHYXL SQCGH
NBFTH KGPRW WGHLM SYNDG GUHYW EIJQG HQJIS HGFYL SBHGS SLRWJ
MUDDO TWJWI XYNQX XHWD A HXGWD YAFAP FXHLR SGLNU YNPHR IKKHO
UABBB CPIXD PVYXV BCWOS KBMNP GIBGC LOHCL TCQSD CYHLV WVQXM
ALHCE TRDRE IGBLB RTFKB OVYIX VAIOS YEGJX HUINK QPLBR XUYNI
BBDTT WBYIO PWJBE GHKDE MNVXV OOBRS NFFVG YPPUK CWDDR AWYFQ
TXVHQ YQSGE BIRYD DXFLK GCIJQ NRORH VMICT MALEJ UUPVD QDVXD
ALWQM DFQNT ADFXJ VCBRI MFRUN YFJOJ CAXCD ATAHD SLPHO HLEOD
EDHWU IDBLG AMDYO SAVUV UABYJ RDBGU UYNAT VQQDC QKYJS XDWE
VICNQ KKFHX NGEXP MTNBM OPSBC OPMTJ GPUBA EYKAT KWIUX PAQQG
GRVYW HBAIB JXGFB NVTUJ RHCXT LEQXE JCBLR ALIRB LTORA ROCJI
IEERV KCBRW JEMFR FDHYJ VKMPA QEDYA REWLJ YIYPD HGXGD NTPLY
HQNFW HBEWF JLMXI NJBHR LAMUA QXWLQ KVHIR YCGWQ FCOLV JSEYO
OYTVF VQYFB HOBLE SLOMR OQTLU YIRNA KRBSR MXTPL VPIWP VICAH
JRXVX MBTXE MERGR EHNLA JTFDB HWTIQ QVBXR DSYRP CNRMH RNWMK
AHCFF YIVTP YTQHS YJKYC UDTQO JJBYS HGHKQ MTMOV RJGRM CODIU
EOBSG RUYHK MSQAU GQUSV QUFSI TQCSL RRKSO WJCNV NVBBI JYYHB
XEVPK APJQN ISNIQ JFVLP ETWLV CGTVS QKRJV INDRT FCKPP ILRGT
DDJJH IHKDM MXJRX HXHGQ JLBXS LRJCP RSPYG KWQVY RLSBV HDTQD
NVPRX VVHDH OJBQO ODGBM EFOME TDAHK FTQOR YUIBD JAOWJ LATUT
IBYTM BJVCE CTCHG IAQOJ LNMNM LJSMN GOLNW WYLOE EQSGI DHGDF
HLUYM MLAGG AEWVK CVAOS XVPWA EJYCD WCDQX PDWGW WKYGI MJXTD
TSLCH RGSEU EKHSJ IMKCJ JAQRH PRYSH ONABW GUNLB BTNDP QWEDC
UOAVO IJHJK AJIXR YVTMI CDVKL BFHMK ODOJD GDOWU UQAMG KDRUI
JNIUU KMSMF KNHSM QITOL ERGBR WMLQB CQDCT WSVOL BXFMV AMNXH
NXWTY SGUJX NQSRF MSASX YNDYL PSQKG XIIWG HPICP HDYAR LSSAT
LGGGB WUOKF TDBWV BUQEG TPQRC FSDMH ANAPI WVHAN FBBST MNBQN
YLCCC RBFLC BFURX BKPOT XXMFL REDKL GWRNB LCNWT GUQAV LFXDK
GVKRN ODUCK DQRYG UVALB QIJVG TKXGU HDXGL BPRXA DJUXG FADWE
WLGDY YKCCD AQFFV ODSXX QJLOG NXKOB TIGKR EVDMY HYUMI UNLOR
PMTBA CUNYO WUHLV VUFTH PCVEL UPROO YMTFU MMPKX EXIEL HNFLV
IQLNG MFFFF VQQWM UWEFE NOUDK QNYOG JIVNM XMKTQ RLKHY DSSCQ
FLFFN XDIVI RDJSP JVLGM JIVBO HJVND IUIQF NMJSX CXELC WQUKS
QYNRY ITJKB SYGMX JQBHW WXBFB EEKUN TYNEJ MNHRG QDHBL TFUKG
YALHT QMOGQ TLDVE FKSJM ERTVX UHVBS WJBRB QMUEL VTDOM POBPQ
PEJNO LMNWC AGYSK AHKPG XXMQF BMXFQ LSVGM LWLSF JXIFI INJBM
TLKMP XEFOC EVSVV FBJPV GSMAB UYGGN GKVBN BQABL SUCGV

CFM QRQ 100 QBN K

BK BK QRV

11561 kHz, 08-06, 1130 UTC, FSK CW + FSK 100/500

RHO RHO RHO RHO RHO RHO RHO RHO RHO RHO

QSA4 QSA K

QTC2 K

11100 30109 59621 08079 05003

86049 25637 02179 80187 83078 68515 09444 01861 23161 52414
70883 41335 94716 45093 28587 00547 39827 93941 79453 38662
02739 37261 75300 91407 20263 24999 70346 27217 96256 59915
70740 13629 27374 95078 65831 92378 72273 48660 45860 86622
81470 21942 35768 88719 30021 31490 99806 02026 20227 91422
96630 35124 46544 06717 89571 71939 39893 63481 41775 66159
33539 27151 50886 33423 17755 84511 02972 39687 75434 90529
50373 09234 15847 05891 43170 00735 48733 36201 68942 24824
65911 08791 80526 01611 22596 48048 16441 81574 35608 35227

43679 78271 40674 63670 77550 86296 75979 25368 58266 82940
84199 89815 88938 36969 50157 61084 64706 72974 16322 24058
47652 64729 43325 15760 67214 55979 07688 82725 50769 32118
53931 10341 14081 91177 43284 35087 66297 87571 66146 75643
09193 47029 10520 43770 35323 76162 03577 20909 54808 15094
68563 11453 05405 06593 64223 08607 25577 80150 98926 33786
95229 74436 36695 35489 73818 46565 37305 58575 90503 41629
97667 19897 66041 20906 86658 51210 71106 72212 90595 95313
50719 50812 11551 66344 69485 24329 85673 10171 57312 20111
13734 25826 60308 98458 21045 33903 26543 00184 88984 02874
81357 41913 25267 69248 71915 57585 65190 12514 85679 09580
21017 70809 72496 17909 21687 08251 24988 80913 10056 69855
96929 85904 89838 85003 64303 33176 39441 05374 58715 21845
34881 88283 27860 70932 48981 61380 02731 74145 19005 29622
76249 11788 99954 10470 23008 68228 45688 08254 14820 28385
85063 63622 11750 51641 85286 39043 33326 46644 19652 26258
39610 95423 81869 86665 76826 00256 14159 60539 67215 51726
41302 06038 47831 41420 27836 53931 87934 67675 00584 88996
39701 07844 03703 94000 01908 55492 78435 17227 01299 45979
84763 49472 21317 18857 07134 21446 32882 90516 11463 57534
06909 35531 45594 46828 13255 00127 00401 17393 35770 96219
73715 24687 58166 49454 04290 90078 00351 99690 67954 50405
09959 77359 53170 04496 38734 04144 58170 67613 58466 91408
76866 69733 96165 34823 65709 58620 93161 28617 08701 93615
17822 47890 22736 41093 86558 72442 70456 07508 72836 50534
72823 70984 08853 26028 38581 97372 09574 77346 52791 51716
73830 41689 91655 41071 42150 22933 55783 49605 16009 06664
39102 51922 68207 30781 75611 15547 99035 85096 31144 28504
17939 38381 32340 12939 55343 16288 50016 10707 34362 78589
79117 51869 57039 69179 82430 42044 84840 37248 90267 29538
18061 53103 73281 38201 03857 67048 30622 76941 27570 84767
60609 61842 67040 57653 06109 11803 14603 11506 91811 03666
96435 62060 95584 97745 43969 90760 21103 69708 97027 79221
63925 09733 43398 25832 88227 74898 24516 92909 56358 05736
61942 57870 78419 42863 84338 66833 74049 04673 59616 14112
63610 11980 61944 96007 30941 70585 28308 12377 24896 47686
84313 14370 91832 03068 43914 21813 56244 61027 12740 58646
91724 33946 49748 79878 49454 33468 66843 88468 36395 30209
71184 65596 60372 47942 79850 62744 84245 03188 61557 29037
56347 26160 85115 72270 09378 23986 79310 77066 44945 72160
33897 28601 45936 45155 96394 15333 83908 22122 44375

11100 30109 59631 08080 05003

SIARD SVJHA FHIVC AVMW5 FOQFK P100A DQCUR VQPWG OOPCU UPBXE
OYBXB AEBOW XUFFH COKIA UKWPM IHDNT GFNRD WYFDK LRGSS QDFBD
HPOVL GJYJI PQICM OFAQC AYTOH WLJJN TCJIG QXLTx ROBQP TMORC
JYVYB DCPBK OARQA JWVHF TVBQP IJPVC NBKHD OOSTQ WLFBW QGAMU
AJJGJ GMWUK CSKDE NSYKM NXQPT JWCWU FRUWE NSO0B AMBMR SXHVE
JKVRO TKIJK IMDWX MRTKP AEYPU RGLBE DHBjF PBGKO HIMBJ UWAEA
RCSDN YSASB XYOGU BIWVX SIWMC PABSD OCDJY JLELI IOYKQ CTVAP
HKKER MKNGD TNPQI 00AII TAWFM LDQVE GJFSF FLUJJ GTTVW EDLYP
TBYQX IABGU QDCQA OXYEX OWERW RQXKN XKFHI GPPWF NJQRV MNFEL
EFFBE TQPXD GYWFw MQBSU PBYDA QVREL KCBjF YMWXA PRVSS JCQUR
RAPVY SQQQU VRC50 JYCIA CJFKN KVVVB ABPJK THWIE XBYXM TWPRY
YGVDC XVHFE EOUMD JMGAF MLLGL STYIS DJQSG OJRJK GJALV NQOIR
THKQF CUFBP NUSGP RVBYy XMxFA LfCDV MPKPC RHWYC HJKDN VDjLU
MWIXR WXREM FFNOH SIJWR KRHLc JGMOF IAjJS WPHHV FGEXY HEAQG
JDDWw KYNFT FQEW5 EGDcu NBEHx KKMBW JTHSR DQIUX LNJFB MPWGF
FKASD VAIKY MQPEH OBKDS NFMSK NIWQX FKMRW YLNQM PRJQC ODMUK
TOIJR ORGWE INSPB UIERD RAPOX BOVTA AFUHT RXKPF XGwVN MJMIG
SYNBB RWEHT GLGRN SMUSX NFCBJ ROIOY UORNJ DOFGb MWVQP DYGPR
HWVEI LNUUG GFMXA SXWWH NVAPV IRLCP IQLIB DBIVU MXNQC NITOF
PGLQN DUUQE VCGHR LODBL SBWVB IFEPD KDNMJ KMNIE BIXIE NCPUJ
NND5M FYVGy ASCWg LUDDR EDDQB MFRJN GByGY XVUxK 0OASW BPPUR
JHGDN IREQI YYLMK HVNSF CUKYI QUEHP TAXXR KLEHK DKXYV DDGBE
ARFIX UYJMG BDMWJ WPT00 GRNEV TYJXQ TKRGL ACYEA CHRxD DWKJU

DMRYY FDTIV VBWPY MNGWW MCNOA VHKON MUVMT RWLQP OCMVC YDVSF
BNSLI PTUXM EBORY RMRXD BEEWS LTMOJ TMHDW GQCVT IXGQI FHURH
CVNLS AVHDA XVXJF NIYHW CWIIE WSRBC FGNLA SVGNP EEWTB RHYQK
SDIFB HABTF CKRTR EXKEQ WRNNI HJUVE QSACK BXHOI QPRFR NJONF
HEJUT JGHSR EFMJV HGRYS ORRIR NQRNP NWVXU CDVUL MXJTO ERLSM
LBHXI OLWXT LJKON BNRPY GYLQO VNLK UXCPA TFGTN SVRMG NAVCR
ANBVB OYGB UIJOX RNPY CFFKY UTEXQ PDWES WCYHC XJBK ALOPU
UBHEJ JLNHF CVKXO IAJBR KPBGD NVYOM RLKKT KDDKE VMDWK DCITM
TEMLH GPARF MPYMB VKIFN LOBCU KSOJH XASMC WPAQX XPWAK TCTRC
KWKXF HWBAD YERMW FNSHS ELOBU TUVWG OGFWM SFODM FOISG CQNCE
VTPUR ORYQF DDMBC UAVQO INSQN PCTAE XWBXD PGGIO FCMWL HLHPL
SGICI DNERD LMDBW FMOIH XMOOU VYINL HYGQV BDPYT UNBKP FSCCQ
BXDPM QEVAE KTFHS CTOSS HKFXG LFKCH AYLLW TPBQO DHEJU OHAYQ
BBSCX ECPQE WYVYR HPTEI PHKUS RVFSE HMKCH MAPFO OKEGF WUXBJ
JXLCJ KWPGC JLOLN JQGTJ OOKNH CUUAW KHBBS SCKIN HIIXT TNFIR
OJVJP JXLHP LVFDV UFPFO QHNIG XSXXC QDXCC LMHYS AJGML NECRX
TJIFR YLYLK OHOPN VXQDY OQTNP QJAFP ELLUT XVIYT UVTDX YGMMO
RREFF PTETD VXVUJ LFRIV IGUVE UIXYT LICCL TKJYV TIVJX GEKUD
RHVMJ DWNBC UYXPE HJBFB FVBVP GVRBM PJUUK VNOIL FUYFQ SRVFB
DDYRW PKMEU RYOWT TMUHA JRRGX GTLHT KDFQM XGKGB PAGSL TXAHE
QLFGC LCMBG LOTWF YYANQ WNAHN GAKYN PUQYN EVIFF QEPEG LNWTI
WQUOH MROVS UUXWI PHKCM AEJSB YFBEJ DHRMJ KPBNI MCONI STQWV
TLLAK DYTEJ TPLKV JPGGE HRHHS VNWBK FJNPQ APCMV AJRAA FPKJE
PRTMM PYCXC GCJTX CUDFY NASLV EEJPO EWFEG BJUHA MHNHY VCXHB
BPKYR EUVJQ UWLER CNIWY WRYQY MXIBW OFKOO RPNVD WUSII LYFYV
AUQMN NSGRW NRIQD UAYGU TDFTB UPBXI KQPIH CFLAH YDDUI FPAST
VRDHS MCDBC SUEMK CWOOE WIWPB MNIRK HEUBA GVIID APTEH

QRQ 100 K

QRV

BK

QRV

QSL 2 NIL K

RPT K

11561 kHz, 15-06, 1130 UTC, FSK CW + FSK 100/500

RHO RHO RHO QSA4 QTC2 K

NW

11100 30109 83547 15081 05003

76843 44878 09432 20139 68579 86302 82521 76660 12710 45314
23196 77152 45970 91704 85951 96801 32851 65670 35516 52977
03822 12696 40010 64766 21778 59546 69666 40349 87655 86068
74564 59389 21134 72468 39796 42633 77377 26773 41513 25898
85751 22158 52296 80653 21450 98813 69270 48364 45961 10063
63418 80786 77330 17396 73516 03421 76138 64122 93141 44287
58142 82325 24182 95222 69514 12798 95286 97885 85612 42660
68695 71655 19230 90339 83887 25614 49246 92602 11476 21797
05636 73316 15806 81899 71755 98652 49670 54630 89853 48385
29599 85894 80744 58005 65149 59000 13576 11315 40636 97066
86634 88197 72748 44830 05123 97259 92468 72032 66846 48009
24762 65576 91746 42286 64443 02644 56226 89608 71682 21947
18186 76140 35570 35325 43730 41952 79192 46853 71469 46277
04643 71657 75352 25435 01413 71629 11975 73129 66603 50216
63300 97786 10386 73488 10727 36635 45158 09656 01433 31218
81825 04235 92957 94006 81648 33044 86931 20825 37102 00224
87909 28758 80164 73453 48237 24234 41493 73575 84888 30975
08915 60790 79222 32497 58668 84631 95571 08843 57841 89886
79629 72248 61434 95671 22556 31415 52490 89831 01743 39093
98727 05868 34173 02641 24123 74560 03324 62265 18857 67500
45534 66633 36090 74689 06787 00519 48991 83417 05839 44200
66445 50600 64631 69278 30909 85746 91930 00611 46812 86778
31120 99039 12984 95852 08100 44622 57501 67398 40210 25017
98431 65551 92139 58754 78879 33160 89731 08039 49799 99571
27649 60808 98985 19371 31817 86700 49707 59263 62590 96647
77396 75288 69582 60760 17846 47559 34090 64212 65347 64700
60055 05787 84209 75186 99497 68799 82094 47763 23357 19061

18599 08129 73686 09585 47539 44088 58128 96720 16354 96334
72610 97394 71085 77077 63211 42162 40352 83679 63110 03732
96767 99508 65582 05686 19246 99177 18964 41045 04610 00371
54525 55397 01962 29440 83195 74256 68245 92952 22067 79354
68434 72389 36627 63535 68786 84175 09652 18965 96603 72220
72686 38316 64936 25181 61075 33636 85657 35606 78455 02578
19362 43168 81663 96674 35519 29165 21985 71364 81308 54476
03700 22431 82595 58167 45839 38561 25465 58922 58108 24702
91764 26499 66906 75911 47085 15388 52381 06376 04622 77870
82452 63297 13351 98653 54757 80332 43966 18279 82425 50262
70992 37486 84655 21594 74548 19720 68007 48778 10155 33973
09352 50718 20062 05145 76424 57276 84511 64110 46909 48451
36381 14677 11998 15917 87638 59636 75358 01623 41059 53068
83449 93113 85626 71119 48125 80297 99065 18412 47455 03306
05947 12293 15714 46172 64782 12102 58454 55984 82574 85642
53633 92223 80240 30048 24696 35961 57350 89238 96578 13608
29619 35132 70553 14898 37599 04827 78861 09808 49983 10921
05070 94075 09998 67161 81086 18033 98277 96625 96771 78417
10695 14592 83085 77866 74566 03317 54714 81767 51671 20896
23094 27165 01529 11382 15794 63405 03363 08373 63180 29205
60199 49235 38300 95830 33527 42170 60928 31084 81961 53283
01717 63775 02357 05877 47365 53366 96786 09130 12783 94484
13852 58356 11142 10984 37731 74042 17794 19240 23434

11100 30109 12953 15082 05003

RHYGQ HNSWJ VLGWC BLAHD OKENQ WDEKB LYLHJ XYEVK NJQPN ECPRK
JKGTX WWDEN TQXJU GDWIY XDXKL RLVAE INUVD JHLYI DGQQO BIFBR
YPOCB HSRNM QQQHQ IXJEY FYLJT LHFJL UYLWJ GAOJG DUGAK UVSQV
ICACC ORTDI TLGLT QTICL WONBH SEKMD STHEA ONBWT OGEXC WIQWX
SUGIV W00AQ 00YEI PXXRP REGDS SEGWO QOLJX WFMDO TDFDP XMKQJ
EOIBB MHYIL OCSKX IXEML GEUCI IGAOM DUWYA YFDJX IMXVN QAUUR
OSNBE JEGWF FROXK HSXDF BCCNY IHCQN ONEWU IPMUJ WHQNG AUQJK
OFCEK SXDAO AWTGW WFKKW IDBBC LPCQS UJMXX BFJOR KQHBM EFBY
OKWEN FIQFY YUQDF NOUJU ALYRX WIAOH ACSYQ AVICG TAJSP OEKTV
ULTTA YKWJG FWXDB SUMYC RDDLY WBXEK UOLUQ ANMLI FTIPB UNBLH
HAIYI BKIKY GQQTG MBLIF UEBDB QTDRM WJLQY KLKUO XVTOX IDCOH
YUNAL LFRTL QVGQP LHSTU UUTGH XVJBK HTVVP HQLTV AMHBU DHUSF
SDQTA GQVIF BGQAA RJBHJ KRTHB HTXIC OVWDX TMJXS XJDMN DIMEA
PCTGM DBYLG CRUMY CXRDP OITOH CDDKJ MQGAJ AYSYQ DIGUE XTDIA
PMDUQ UNDCR CAEL DQVEB GCBMU RFOGA ITNVP NCDYS LWIKN LABWF
LMWHN FHOFU OESJ BDFDX QCOMG UAADY GXJPO MXXON GVVYU QOYDY
NSQMH SDQME POVGR MOAOG UQDRW XHTJU IEQHA HTLLB GWSFR XNJVM
TURBL CVXNH YHSON NXYOK KBOWH TOEHX YRYJF QOUME HEJPM FTPNY
SIBMB OPSGQ MEFQM RVLQH RQXWO KEMSX WYNWB AGYOD LKCIJ OTRII
NVJBH OJRM C HYGPY RYBAW LQPB F BAVGH XEVP R USWOC OBBNR QPJCY
FVELG OHHGD HPESC PVYDB SNPUG PMWNK MWXBC JPKAI WEKRB TJPGJ
VWJLF YRHUH MIYTK KDRXN HUIAB UXCRG KMUWX SGQXA WUUOC KYNQL
IHIQR WREOG TYYNL XRTTC CIYND NGLBR QCSLQ CPGUD DYBCU LQQUI
DCYAI OPNMI JXNTC IATNQ XFETU RUVYD JQYOX AEDRW THQYG EEQIO
JYOUO EBSDB HDIKE XCOUP HWSMT FINOP ATTGI PSQNY WBDXP VXTDB
NHQQR VVTRQ WUMXB RRFGR VAOL KVNPD JYSQL LXDAN XANJP YBTGJ
IQHIP BUAUM YIUGQ GRIJX QYYNW ULDKC QXKVV CSQGT WHWAD TQRVI
RQEIL VDCIY GNKUJ POLPE HIPVR EMUDQ SOJNG OIBKS VKLDF YNEWI
HEYUG QSBWR LWPXR QOHGX SOXPL ERLNS FJUWW BYNVJ UCAHA JOYCV
GSYYQ DJBLK KLRGJ GEIXV CAMTF TATWD UIYKW TLWAL FBQKF HIWKP
BIQIR TLHYY CTXKN IFEYC SFQQB RMTFF RJGGC XYHGA QSOGS PNOMX
DFOLK PVHWR OFRQG HHSIS AAHUH TRACT EFDEF KHJRE RYHQO FSPHA
PSEOJ XEJJN YDPL CYOYM NHUHF BAFFT KKECH YWQTY OSGJB FVOVP
EMVMA FKNDL DUIUA WREQ LFDVR WPMGK JJS DI OTCCX RJVHV MUHJC
YLJQB VMOHN YTVXJ DGJJC PVXWO CEBXT IUKOK QNKJY BQMEC PWIDO
UHKON OJRQK HXJKA LGKVX OERUQ LRWCR YVWMD ATOHW AULQA QRMGW
LLUTW HMSUL UEBWE KNXKO EBDUR XVGRB RYXSL CEXHN EFXUF GAMNR
SUUWH HVBLE TMMIY IEXCY RRIFF VMMD DINFW QXMMK LGXBJ LMJJQ
ABMHG TPLMC LLOQD EXATA SSMPS YUQLT VHDJW UTKYX BMMLC EISLC
URJUE GYJDC YCWIP MFCEV FRODB YGBMM SLISV SFJXL GSJRK XNMC G
NYGEQ IGQOF LOADW SGSGH FHBKC MSVTX NRLWY YLLAX VQSK QGMHH
YGWVA TRGTH EQPGF XKQKQ BDYLW JAXLG ICCSJ FMGVI WFKFV ATOLX
JGUJX VQHP I WNIXJ EMGOF KWB YD IWKRO EOQKL QWEUC CRDEY YMEKW
CQKRP QTLUF ELLW EBSFT VSBJB JNLGI SYRQX GPVTH TOBOJ NDRGF

CFM QRQ 100 K
NIL K

[illegible]

41

91221 89480 13571 34369 46845 10467 53848 17469 95831 47345
20519 75011 68441 54707 78021 61577 74566 41951 48021 33913
15004 73393 28746 41329 02206 15754 51128 00184 01428

11100 30109 34657 22086 05003

CRHCB DLPFL LQKTN DKPYL XLVNP EXMCS UCVKL GQBCC BATVW PTEXG
GTEAR VENKR JPXKH GCXQA ACYDT WWBPM EMSBS TALIJ KYCAS EVHWH
GCHPH CHWLD TFCII SHCXA RPVOM YTXOU OPBKP MLXSQ LHEVJ UYJYI
JABVB FQAUM FGSDE AQIAH YKUOX CGHQO EQBRG JWEPB YDDHE JAUPP
QQJAD JODRG HCUJK HIFVK GMNII TOSIV QPGBW WCNSJ HKWPE PPQLB
UKKDC XKUQV JYOMT IWEDJ LOFSL CVLSQ XHFFS HNEQP EISAB EIYKI
QSXUI IYKXB KWFCY LUSYM ASYWK UKKGG VPXSR ODNLO UJGSW GPJQC
UTBUS ISCUW WCFTD DNOSW YRILM OQHCT YSRDY SIONN FYUBY DGBMW
XCPXR EFJJK WYQAN DPPNM WWFXR MDPHB UXDCK MMKEE FOCAN DOOKS
FFKRH WKLGR BEEKJ CLTSC YRCKD IWBFO NNETA NRSWQ ILHXI LJJVC
UWYML GECKH EPSUI KBXIG GMXNP GKCLM SAMQF ARCQY QSMNL KNKFJ
YYTFD EMOTY OFGBX BQLJS SFITJ LRKQB OHDIU NMEIR CGJMN URRWX
FPYRY GIVDE QUSAB OXCEW LYFPC MSCRG IIBUM UCKFL EEKEM XURUD
SIYDI RQOBP IGDIX GXPCY YLRCW SFHFQ GNIYA JWPOH SGHFG OXLKP
FFAGI XBDMJ TDEAQ ANJNQ AKWAR OJIJR OYPRV QITVC KHVQS WTCJG
HOVXV VBTYW QWPLI NJTPX HMLHO QDGKL FOJJM AUWHF HGITG JHHQY
RXJEL JHTTV UBTGK IBABJ QEIHG QPPIX CBSMD DQOCO EEPFM ERFHN
VLVXU RTPLP DXIDN NNJQD WJXJC YVUSY OIMOX THAJK ALJFG OOGSC
LTKKX HYXCS QYXLG CJUCO ANBSM DCDXX SLNKN ECONG MSAUA ANBNF
FNYEU RWMFX IEPTP AXALM MRADQ NCLOL DBOWO FCBVN JHDPN JXICB
GXENS RPKFI UNJLQ NLFEG OANAK IMSCD GIVRJ RLNHG VMPLQ HWCNM
WEBCX CTJRI YEJRU DLPYJ HOHXI ANPJB TYNIH JBYND HTADF TRHEK
WHMDJ VJERG YSYLY UCYQH QEKTW PHAIB XRUVB KQPEV KCJHB GOIFJ
UDPGG BVEXT PUPQB BKJFW DCFYA RDLFC GPTWS HALIK DEQVO CBJFG
VLSBD PBTQX GXSD E FVNVW HUTEP BSJXR KRBIL VNSLC EEPHC TTEKH
BIBTJ PVBL L VJFPU TSUDB WDHJS DOWRC PEUUI RIBVC RUSHC IXEBI
CCWFW KMYKI HPFXK OEYSY HFXPN RVJQE ATYNR LVYLB PHEVP NCSCV
LPVEC MYHKS BPBQR VISHI MYFMH AXFER YPEDM IQSRH DPRMS POMNW
LMCDA BTWUH XSBLL LHVPE HHMOX CQHIY VMRGH IURAJ PJQJA NYJJO
MEFKI PPUIK BPQYM XPBEI SVIHS CXYEJ DYHTS ESVHH KVGTY OOTCI
SPWYO YMOEV PYYIO NDOYX FKLLU TQJQN FTUKR QPRGM PESKO NIPNB
SSDFD GYUHI RUCOS FQGJU MOMXT SQHGS WNULP XAGLD HDUTH LTVLJ
JXMRJ ATUCW HEDIK QSBUP GWTJD KWUXR EAUVS SGIML XKDUA HWWFE
DNWDQ LCJNN GLCLM OQTOR LEJOW EGPWI NGSDJ YOODA IEOLS HXIPV
CWYJS VEFJC KNQGG KFKYU XJWSQ IXMFO DEXRD HKJDP VUORG MKDTJ
CBFEL WFTW RWRWT SSWBA KMCKX ASLAC VVXXX XOWQS OKWBT JLSJD
KHGSF ADYYT RVTQA CDTNO OXXQS EUAJG LRIOH PLCEL PJHDK QCUBP
YHEHT HGKKG GUCCU SSBUP JPVHO RVOHJ YXEAS SGYSG CRFXE QBMJO
EBFXP WHITE RRJCU HJTRO EHJXU CIPIE JHIGN GKNHY BEBRX AEGAD
VIEKU RWSBY CWOVY OHTKY JQBDY AIJAP PGQVW PBRUD NOXKE MSTWX
KDKKN SSEN PQUXG AHDQW FQRBO GYABD XNVBG KQLLN OSTEP BEBVL
FEFOG XVNIV HIFTU CSWXT AFPOT RGQDM RFJOG CRNTF AXSNV CBRTE
GFYFA PMEHS DGQGU FEKIB MVJWL IHGWP HOWCU IEBGF BWKNE QDFHQ
DKHRG TOSDL JSDQQ VOHST WJTDQ WHQAV FWWLP VBIYI HCCDH VNNGM
LJUJO XIESS FLXEF TYXPU MAYYK ESWAB NGFEW KMHUP WOJLX MIWDJ
IEUGP FEJII AYVRA FOGKN IQSYG IASKC WGETN WXFBL EDSSK UBCSH
CNMGX COPIW FLHLN QEGXU EIFBV JEIPI TPHOD MSDCA NSLYK KJLCB
TBKCK AKAYX DASUN KJYBP OEPBL LNKCI NPBIG DWAVQ FBGXB EHGQL
MFUYW RIKCH SASOM LVXPE YHHWQ QRLXT ODFVO FEGBI OTUVQ CEMXG
RRAWD QFIEA RBCNC NSXPM HNTCG UHRJV YBESN HQEYY MVRQK

CFM
QRQ 100 QBN
BK
K
QSL2 NIL SK

5299 kHz, 13-06, 1440 UTC, CW
PSDG wkg FANH. QSA NO QSY 99278

14621/12206/10465 kHz, 01-06, 1840/18501900 UTC

Null message. 5761 00000 +++++ +++++

11487/9376/7591 kHz, 01-06, 1015/1025/1035 UTC

48793 18115 41012 94778 74196 20131 98655 83600 35285 80289
 22139 60081 41036 65909 35241 54027 70043 92784 06073 26675
 06887 50792 93849 98301 48919 81542 55920 77094 19388 87775
 13474 81491 47851 79176 99395 73153 03818 84314 36673 42773
 94538 83369 20813 15906 62905 41356 04698 71005 46376 46521
 09323 86854 82881 83605 08850 61575 74631 96650 63411 70415
 45782 21053 98106 54480 54874 89537 51636 57625 48007 41747
 42984 53664 63659 92129 29623 31107 25121 35818 55652 27602
 81450 97182 13308 31273 82909 50749 66307 91138 01806 69164
 08426 03796 34684 77904 55785 68571 46804 21402 96254 28310
 44837 70296 44431 37991 88727 24477 75610 28379 78646 91615
 37213 56862 77986 45879 61082 62704 58326 96499 25095 68862
 77304 20900 37534 97585 25340 42057 42648 91965 02144 54786
 70838 60633 08946 30644 81919 87782 67387 56132 74873 75726
 01009 83884 62553 12143 40270 01534 34763 79229 37050 47943
 58152 46932 99552 31483 86368 17446 83556 30053 78898 13176
 00958 77520 52035 25335 31530 66283 10419 65380 48846 20628
 32577 86468 96297 20570 08905 67114 74147 80882 55527 74246
 23561 14980 52476 47845 18539 38353 79623 74351 01706 91243
 48801 41028 24876 85246 55554 88467 80352 03522 98959 03438
 33873 09309 42948 19235 95164 42432 17566 15757 87029 08475
 83618 36462 98900 90323 09132 64412 35813 36760 31057 24589
 98719 07795 00684 04660 57089 81418 36169 11397 99735 51476
 30634 04921 74798 71333 89273 77968 54824 23043 93893 72366
 87887 16670 18341 49898 20675 49497 43240 59756 04489 79769
 43488 69757 20095 94685 46937 53523 82350 77305 87715 50799
 10567 02078 02600 43108 75517 13672 43905 11924 59054 68786
 07311 71548 87256 45642 98061 93888 23050 50838 83991 67311
 29240 78257 08799 56767 37888 99705 64014 57379 86976 91984
 43091 58664 10295 30072 26073 61592 91485 01107 68257 15670
 18192 18859 91300 68223 97232 43376 00208 43079 16757 35498
 74632 90824 66305 00913 07935 77844 50721 03459 92428 06306
 58844 52349 74256 82293 72929 93013 26336 74275 29723 56233
 12805 29087 69141 45270 43409 37623 31477 65672 41273 67427
 89088 27439 72477 04357 23485 74236 10904 70524 83777 19359
 36759 10690 87395 93103 92234 64303 49045 31271 42731 65375
 48811 59458 17087 37367 75365 52841 25246 75292 05212 76140
 76810 32205 03899 33434 48899 52281 60141 82543 76774 17657
 88800 93635 65645 01233 63634 56765 47110 42621 65779 68026
 28664 89420 58892 49003 09704 71016 26891 79208 62482 97086
 35220 46203 01437 97996 01605 43073 89336 49282 87200 67959
 53679 84411 00000 +++++

11487/9376/7591 kHz, 02-06, 1015/1025/1035 UTC

90659 93386 11756 93890 14166 79174 25637 06286 82387 08063
 91691 58186 17897 04994 70048 02360 20148 20341 53074 78159
 48480 38666 77919 17987 73187 27816 40719 62062 68085 95525
 48391 61169 43032 45741 68977 72087 39813 51828 66446 75385
 39858 88864 30918 70260 57194 92207 40223 26121 15108 34511
 13758 95590 29923 38390 44560 18634 50355 66921 20540 72470
 25859 59155 70811 46987 02427 02840 98061 50321 69260 85069
 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000

04573 88728 73486 83297 18149 24829 62572 09051 35551 90079
 55307 81612 25107 83221 05923 49745 93690 28927 64319 70645

40741 66662 14125 68975 97154 63861 32333 03794 03714 26860
37707 79345 08766 08018 20147 60630 89824 32471 68195 79696
28779 92947 36880 43589 95413 86093 23073 79907 18907 88732
40559 80887 52009 97509 11995 31959 57589 80351 19954 35714
72222 13178 84242 67226 26523 00304 57665 21650 26899 01975
57442 40043 28427 17467 74455 24355 53517 97186 27519 77504
36074 82220 54843 29497 95833 94753 59912 35516 72558 27813
53930 56925 74787 86093 00000 +++++ +++++

11487/9376/7591 kHz, 03-06, 1015/1025/1035 UTC

Null message. 5761 00000 +++++ +++++

11487/9376/7591 kHz, 06-06, 1015/1025/1035 UTC

22202 81849 57296 35066 23953 80532 08852 26009 56917 98614
75619 91931 98421 22898 67468 36449 12895 82343 38264 49177
24864 56782 48169 10980 13915 95486 75256 45791 42567 00293
49879 86213 53000 52966 10230 45062 93555 91486 02533 10072
60973 64949 74295 03913 69275 21771 34072 76747 81259 10873
76159 23483 63521 00554 93681 42917 50946 44715 28485 80972
31619 51141 31288 25196 88078 31520 30520 42719 55853 37884
33296 78856 85223 15171 06952 58542 17146 24578 14585 57784
09270 17413 03035 37322 72991 64113 66747 55688 07482 68130
35951 03840 41627 19369 62586 28568 19808 66862 02431 36862
92472 15367 16850 98416 97430 75583 42617 88475 42804 22665
03233 38188 27577 42724 60187 84677 60683 72008 27609 38003
64566 58445 98715 07205 74142 00229 57531 52615 67121 41159
74290 56628 86606 27390 07970 30117 41918 55306 64386 96678
98579 65189 83304 21903 93394 60377 52977 79842 35571 56601
75569 73882 79803 91184 31903 54190 82276 46785 18943 98936
75513 69388 58489 51468 23006 85221 00489 30633 39572 46271
69414 56430 88366 59120 27152 58184 90501 76756 50824 57424
08188 58065 48997 42659 87360 24686 64700 78231 70705 69912
38703 14445 17044 99341 31480 91146 87989 07939 27306 51956
87840 23221 68919 11322 67622 69241 96186 41599 29236 31059
87212 72342 90631 24385 25319 18979 97967 00099 40358 83073
95667 38301 97757 91362 90332 11621 33778 65738 69434 22436
60381 41388 60735 43713 88182 75256 43366 18148 40887 12029
46499 95293 59688 99829 96562 11360 21029 72801 98918 41386
16187 42780 64963 78452 66113 67227 20562 19642 69960 85631
56780 63416 10739 41544 08830 48114 66546 32451 74178 86247
00791 54666 05757 74282 29862 35429 41201 82600 91680 69397
54067 55322 63562 01721 37954 74680 02840 24888 59479 69632
08667 81527 41033 73397 28463 90350 59261 59607 57417 37434
70204 11761 04498 00017 97034 05660 23403 94998 41333 09530
31889 69349 03831 31495 67921 74582 25566 69111 56069 92506
85390 40633 82600 04438 14757 02709 02702 21048 15727 84185
28264 15048 93149 90719 69673 23897 36923 59872 30046 14708
15306 71383 75335 28554 65189 42304 28763 46361 90286 61684
62997 43557 03168 44498 88527 25690 72080 09493 61666 62187
58489 10654 60616 60445 56283 76969 03043 47438 68573 40180
03588 51037 83028 55211 94760 98220 31686 42962 59649 72368
46166 10151 49880 96825 44244 25891 87274 36921 08695 59703
72628 37635 44371 10633 50068 39093 24437 82167 00395 37083
61699 82653 61887 80782 65973 55872 01970 24869 73424 71493
88205 78225 58818 30074 32039 16411 66614 62291 03731 50082
21854 27108 41925 66567 06760 38552 06275 86769 14006 75785
46580 04588 12579 56177 86864 87435 00000 +++++

11487/9376/7591 kHz, 07-06, 1015/1025/1035 UTC

43934 91131 61346 66206 97650 06633 15538 31043 43467 05108
61037 54907 98442 27299 53769 53537 96809 97073 51632 84170
38501 57827 65221 42925 94810 94516 36781 03299 19615 83534
58309 50456 39604 37601 64768 91020 21950 37862 63326 43030

42853 70380 84568 35762 05413 09214 66628 74105 80239 13256
08151 47173 67271 29040 51061 85841 02207 16688 79033 98897
56018 41179 42640 42497 00954 96159 47086 02598 41492 52436
63482 88071 00000 00000 00000 00000 00000 00000 00000

82866 13845 82155 41428 04428 67887 28777 82647 81469 59650
79642 93626 01547 95636 85900 98240 99748 04774 34641 19229
01167 44534 48260 18737 42378 02076 58912 14347 70364 82592
19004 75295 42310 02055 33658 28540 74713 26536 26088 29383
15264 25307 71822 76338 35894 29887 62710 74915 70473 16240
86650 80020 45563 52301 33987 71660 77675 78029 66490 43632
35474 10156 09887 09886 90353 88836 55849 58259 03838 08383
84406 06255 25229 99261 42696 38557 97947 53555 41003 30980
98005 11061 52019 90518 53040 48226 24270 66214 15358 37104
45628 10498 87414 66511 17872 95708 23177 42586 28211 15487
53801 89101 00000 +++++ +++++ +++++

11487/9376/7591 kHz, 08-06, 1015/1025/1035 UTC

33594 32291 52408 27701 10349 42692 65984 45514 59499 41132
82851 59336 06816 22551 83153 72115 53145 96715 18445 30178
47861 74255 35587 11454 73755 09812 86285 41924 73022 50768
64461 51237 69063 64976 38647 03406 63762 45927 71578 63558
14955 18795 44192 86644 23742 95809 26199 39069 86370 54369
60430 89155 90343 36355 53136 27412 59455 92066 87434 02504
77446 17230 02086 83900 44953 56506 02794 87108 49447 71943
98211 22447 52856 99804 77833 53295 26537 44216 73985 74744
88307 81065 75068 48605 21218 70596 82271 55693 78743 02126
26919 51345 06088 19331 90659 35085 32296 99542 95667 70397
12851 85475 57054 15528 27441 92840 14674 51267 62600 42269
86510 16631 33894 88998 10834 88396 27339 48745 69317 65426
64761 43199 08292 43709 22753 13602 00338 93059 59938 75812
13397 71424 32231 15321 79588 37711 00757 45644 80920 49104
62146 78531 94083 53777 55881 79426 61513 14963 28372 06627
80913 27302 58464 57559 30417 11420 74060 70636 71585 97656
14538 56103 97424 34904 18661 54337 17609 85467 42663 45020
98094 91909 38198 55626 97326 26797 44834 42669 66205 61300
76794 44133 04010 13574 08619 26543 87472 62862 89441 75089
15184 40269 40563 00267 34508 32114 16024 59447 43221 56833
30836 16836 83029 01353 86594 90242 67176 27866 49129 58107
09322 86966 57897 25216 45869 98056 71805 70547 68948 82987
81139 25680 12222 63854 40299 57216 56713 60892 01017 51633
48846 51403 50759 26019 47871 75661 85984 13128 44879 00722
74954 94187 20586 78082 89783 77891 34068 56130 12416 49032
59646 33304 44211 35189 14105 62930 73839 64928 41422 45641
83149 15942 47216 70339 95731 76561 00079 89630 97830 69095
41996 40664 86311 08416 75036 47331 23368 94236 16494 64734
02654 60521 39681 51888 56525 30459 42548 83579 59091 50441
11326 37326 04743 01483 71373 16363 66864 11519 42422 94612
66407 17020 40398 94556 05015 47363 93020 33959 42379 30391
61347 02374 22537 42600 84479 53374 78763 52396 89580 23446
71777 29856 34431 13473 40932 21427 74677 93758 73080 13006
72985 18527 18804 29837 92271 60823 10691 46661 40200 03773
63358 06559 57143 49112 59895 71916 64782 28962 54417 55969
17544 31736 45428 08337 24054 78171 99663 53008 30795 08374
31116 02204 85165 65853 64917 94547 20114 89453 40778 31006
27550 49143 35657 07004 12705 86580 10370 64180 46641 46412
09795 10208 59092 09219 71389 80108 38827 62072 21697 37524
33711 67618 65519 39353 67669 17633 97462 12213 16735 81996
90527 14153 11357 89003 41442 90405 00000 +++++

11487/9376/7591 kHz, 09-06, 1015/1025/1035 UTC

55727 71505 90889 80453 67271 00400 06365 88508 39378 12178
81934 52003 96314 50325 20750 90279 27737 02837 36388 14268
78496 20028 85685 09385 56918 24641 62989 25576 78707 00168
85533 22906 88702 68331 24605 46168 27639 91668 62205 26926
36122 62149 77884 36437 12997 61764 95436 37895 70295 06026
44154 11420 51959 06312 14310 50247 08514 12005 11572 51541
44890 18340 40028 50271 83578 50927 68516 69603 10300 62858
59936 86221 94385 91073 00000 00000 00000 00000 00000 00000

92105 62557 03541 63628 22676 49640 61582 24313 65085 89733
67805 11838 22957 71234 90630 75516 53863 12067 44946 91133
18446 99006 57483 31572 52283 40778 01034 81672 58950 27104
58463 02023 47706 10901 02438 71356 64252 55808 01814 62259
87992 16237 90630 29856 94229 42120 60627 18175 04751 25569
63243 13884 75219 31598 32025 02060 92827 80126 61373 03718
82638 71439 02589 99748 46052 72287 63130 70977 79847 04822
20039 09023 49223 05548 83451 77642 13273 46485 71163 29255
26356 35727 80148 06328 63768 39571 66000 82310 45176 93432
66215 21811 54236 93704 28263 64694 77853 87768 28382 63798
13492 04334 92026 92103 00000 ++++++

11487/9376/7591 kHz, 10-06, 1015/1025/1035 UTC

Null message. 5761 00000 +++++ +++++

11487/9376/7591 kHz, 13-06, 1015/1025/1035 UTC

81556 39466 70406 29744 63013 04287 70371 49792 68959 85474
48347 73579 26087 05337 35080 25907 88750 62376 31760 31061
45063 05536 99958 56243 02780 07351 46187 28137 40902 65734
49534 64813 37943 89049 05798 90152 12791 44177 86557 22975
39108 72254 36634 58061 19201 01778 58360 81264 28301 13765
56102 85882 65192 38638 39481 82488 70129 89553 08714 19413
95967 61825 70527 56052 43466 53163 58076 56192 96676 84393
53296 93551 19377 25355 35141 86707 98470 55658 02137 05610
45301 15003 42688 16860 90810 22720 51572 59955 35482 71251
16073 71669 40015 23236 20166 00768 67644 66902 40219 80242
14072 09445 30635 49256 85924 13075 22859 41978 13689 03441
86221 85500 10054 05095 24023 74030 09600 83695 03311 11533
50781 99646 41788 40020 86117 02834 00292 95676 31560 23174
54265 59995 90941 36652 42681 98131 16475 11526 17842 01642
91210 64399 44490 77809 44419 80851 21679 52743 35807 80293
25834 80420 69528 29758 98443 74893 23912 36300 26811 07808
07857 72699 91313 38458 79812 16151 77608 68535 90310 04630
77208 38783 33953 40622 24878 09724 21824 96901 46286 93658
10239 04054 14348 30133 46789 24414 37689 22028 19597 42128
29692 74503 20741 24010 31530 03947 59774 30887 87649 09138
88279 84123 97135 21799 21396 17008 89385 78738 67254 65684
97541 82753 00268 79330 28115 44494 39194 54258 50234 22476
15934 21625 52966 03416 45982 43451 44138 90092 36478 96619
89099 88918 92791 49556 12866 14397 09582 61270 14074 52665
57263 57449 64201 51312 99825 63287 90463 27644 04932 97743
65851 12604 32246 58909 54726 72511 10911 55181 87429 75838
42139 61921 62320 97174 87819 08287 98703 75597 31116 23934
89069 69625 19962 00262 24086 75933 29408 45904 88784 04033
03758 41138 53376 24087 64419 20911 07128 30071 94422 41170
08753 85439 35533 08175 51730 43511 58897 75489 68015 59735
95165 38335 18558 38055 35025 79998 44077 78531 36073 49971
74530 18422 96986 78520 20707 83915 84903 57375 96389 94683
26973 41201 44522 88464 02000 49579 65814 57848 93121 74150
73230 16456 87461 20626 20788 36702 33692 40347 80119 26328
93442 31090 63215 35890 47496 11785 14804 14392 42708 00857
22793 55253 90580 52868 20215 99792 53441 33142 77120 90417
79152 35068 05841 90717 70295 69766 28073 14625 98761 82810

77221 31860 01698 77677 34418 41822 19730 50633 21691 33131
63409 66725 00679 70997 18829 31581 50368 79616 28323 38686
22255 11764 07213 96852 96399 22791 82522 67533 86787 91197
64598 66701 69451 52978 87585 10961 31778 41922 79688 12584
66451 53060 49141 53162 58455 93415 00000 +++++ +++++ +++++

11487/9376/7591 kHz, 14-06, 1015/1025/1035 UTC

98468 87582 939861 88798 94927 013428 14551 22640 800704
10943 02985 719169 86891 71758 631672 66161 88716 537114
36198 43256 119409 48717 56339 229362 72303 95801 953521
22188 20635 535788 43644 54732 090093 74777 01663 817741
13249 62518 799911 06211 72718 129997 31572 27482 333269
74305 64486 992587 04707 76019 087505 57142 67480 093171
35544 08578 915661 62236 52327 021607 51454 39817 222628
18519 49391 237877 81395 49978 824211 51481 52034 611691
14200 18700 757441 47788 37542 361651 14420 35687 386201
94291 92854 874853 98767 15933 812564 94087 00000

72630 98636 669581 74433 38344 015381 15523 99567 356381
46412 33373 635397 65726 31099 435691 25963 23233 865121
64619 74076 928691 53757 64817 381968 45420 57830 994931
21708 06490 450901 67114 25310 964389 76681 45159 701731
64942 95109 917321 49719 68630 061405 23823 64692 652109
43223 08172 212319 22555 06625 256681 96603 66147 944469
95217 02319 133601 67736 68029 992731 67972 16861 282401
44649 73394 213416 60830 75234 480081 20328 72756 568529
51079 35910 782531 54593 52676 164479 84226 03543 060247
92100 36680 846711 45739 59769 141186 35600 60389 395961
78859 50908 127918 95093 00000 ++++++

11487/9376/7591 kHz, 15-06, 1015/1025/1035 UTC

Too weak to decode

11487/9376/7591 kHz, 16-06, 1015/1025/1035 UTC

25936 26658 41044 22470 80017 59626 40864 07281 86835 78524
14385 44945 99965 40759 71280 71985 17810 92323 86406 62172
81663 76868 38934 90926 41452 83159 43373 59185 18837 79349
14676 87688 22374 07500 34616 17605 94401 36802 11622 78444
94362 98918 51248 09197 48236 53897 79492 43628 18771 60087
86118 95673 76207 46494 80196 05869 74172 11018 75028 34750
60443 93004 44666 14168 77256 93553 19189 92447 30857 42015
10946 97071 00000 00000 00000 00000 00000 00000 00000 00000

50791 73480 34231 65470 38785 14525 81850 00605 24934 24127
56463 68295 44634 69371 19056 76285 25630 09178 40176 32068
54198 93950 41939 71694 12913 23143 29597 36327 57168 96666
92327 94987 22678 21085 77968 36935 81102 56534 71353 82109
86017 15299 30948 83074 76396 47986 63483 16912 29806 78241
41254 90483 82488 71926 91788 07520 58535 51714 14565 70952
75322 93032 04467 18949 17405 62287 86665 18065 96057 83314
92617 61973 36649 42984 31853 49190 61030 71915 39267 38243
57133 61209 02575 03724 52966 01170 99637 41649 37183 52926
00336 97582 93436 88905 12677 15943 40672 63091 77840 33944
96577 98101 00000 +++++ +++++ +++++

11487/9376/7591 kHz, 17-06, 1015/1025/1035 UTC

Null message. 5761 00000 +++++ +++++

11487/9376/7591 kHz, 20-06, 1015/1025/1035 UTC

16976 32689 20474 41577 63272 04124 52729 54705 70503 59859
87407 98621 95347 73591 19527 56109 65176 24434 30959 43039
66938 60093 00064 25309 75595 57805 00097 79622 01802 81451
78574 59067 63499 58317 34782 49399 11133 23906 37615 27003

61165 08258 50938 54437 17580 62223 58651 74523 86057 47096
06655 88902 10522 36075 03890 32003 86725 00977 49653 76359
32590 82642 79367 30211 19953 68464 45995 13329 97444 25493
79286 21997 59155 62533 90045 19093 38794 19695 11602 10211
34026 08811 95679 91745 90669 53182 04852 81894 01443 00069
68750 70503 98951 04375 96250 48701 47605 06965 60791 04254
64139 56043 01023 93580 21443 45037 03985 26365 15375 65427
62984 23707 99256 97945 27369 35738 15721 90603 86383 29659
80621 96962 54299 84113 98676 73102 48988 50851 15535 56716
81159 69621 35959 76772 96413 47210 62810 67182 37324 36593
36520 82903 17719 77106 79733 41929 26367 81609 76824 41587
02235 81534 42953 22603 48523 65809 62369 79339 77653 74541
00634 39679 04402 33443 20461 62964 29364 39906 55855 29446
79942 36678 24238 19671 01038 34072 81255 07252 12632 66650
47942 13447 76463 95321 64937 96997 38960 90774 53443 77664
42636 59211 87607 16876 23133 96293 08014 03959 34090 80249
30983 21365 67035 40085 33351 87338 58485 59823 17435 99469
01437 04719 85849 27555 03444 80382 80888 29217 58459 60755
68128 86717 24637 45865 68972 88393 25281 35308 71798 03165
15120 28384 76414 21542 79105 86841 51493 61577 55917 21146
09693 63199 03364 86229 30135 19350 47859 97641 82933 17392
85180 04059 35464 89200 24669 77069 45058 93378 94085 04186
67809 78048 47296 96015 38182 97639 41972 43535 99110 82121
79504 86387 87266 82118 24309 78163 03197 38330 44709 59588
21011 48719 42600 75556 17304 31880 64057 96950 24007 10043
08099 33187 34851 60141 75771 46415 20132 06384 26765 03320
29464 52767 35729 25457 87203 78969 65480 24064 10249 48058
99301 30273 02873 99453 99502 56681 08313 25582 84440 51201
21773 55658 41184 29137 94542 95036 16013 94411 83921 93564
49928 85907 28624 41373 51384 09827 54366 15558 23400 44035
39314 26160 87260 25307 94082 34917 69989 55427 35970 45197
47770 87074 62124 86559 62521 75421 51317 42390 53798 06402
49021 94031 73215 37578 15475 79861 73577 12533 41426 92748
89900 34744 61231 64320 54521 11866 18017 09491 13470 06355
60564 29679 36307 53386 76639 98146 36598 31988 92415 75920
45220 00341 92712 31698 03696 31168 41714 64215 69728 08170
08870 50471 52128 69421 29651 68289 17330 99407 00000 +++++
+++++

11487/9376/7591 kHz, 21-06, 1015/1025/1035 UTC

99486 03265 31493 77442 46903 95994 91646 52037 45545 00268
81900 15642 64591 97401 60978 97494 03340 24395 91378 72660
24970 11463 70836 38090 30625 21244 72087 30199 41031 25600
70625 82379 77808 80948 65124 45891 61686 88077 20234 22572
69794 47358 86421 82797 19227 45314 76551 67140 69063 33471
03895 95145 58034 85431 11244 29690 20015 43109 45841 70324
44543 88061 59779 01063 00000 00000 00000 00000 00000 00000

75075 37897 57025 86576 72935 68094 37395 59859 19092 10371
70199 50810 07622 17501 06297 23659 84359 17082 50733 13965
53735 39429 70989 13592 22412 29564 25633 57742 53192 10458
49327 93724 27609 89742 55113 36144 40642 27067 39929 38214
76008 04273 04276 33863 35454 65604 21989 30330 20482 20120
21042 55938 89965 23492 61326 92728 42077 81401 20333 48647
93968 41688 22694 48972 57642 67469 74495 51660 35456 08397
88329 16311 83689 12248 09986 81433 17614 44033 82763 29697
56509 04819 10297 45861 32058 67430 03871 97064 08546 71255
25137 90172 88332 43301 60179 85851 01005 37714 85864 74080
99652 10949 14420 40769 12727 74762 27162 80179 24888 94230
33334 02111 00000 +++++ +++++ +++++

11487/9376/7591 kHz, 22-06, 1015/1025/1035 UTC

94901 07446 28389 69160 03026 96057 73008 08173 18176 74872
95605 29687 97974 82967 21326 83235 84112 73881 18325 86913
28655 90924 93070 97656 14203 11729 31848 12479 28840 66725
11879 17863 81798 61229 30520 29467 70786 55832 25956 89366
36917 84777 87840 12994 68163 17017 81312 02974 37298 89623
32832 72044 85230 68262 51264 42244 85705 14395 82660 12558
52271 63911 22168 12206 73485 46873 31498 81764 87268 03062
35414 49311 30367 73011 95642 93769 23838 69217 85674 12653
80520 57213 14883 36391 45405 01189 75387 56421 04860 53855
10120 59244 25636 95233 25506 83617 09598 50056 97229 43081
75116 38466 42485 81011 01053 39707 57183 50370 94283 73494
41527 35357 66698 28739 62412 57138 32603 94328 26073 30849
62474 71649 59427 66052 53999 73523 23544 27837 06336 39274
07683 00759 08536 20578 77333 22785 78063 17813 74697 81465
10347 71583 95051 89481 25311 39100 87420 81783 21812 10124
53015 01502 75918 42131 39848 66806 43989 19423 56990 35918
56459 65832 56887 12450 13297 65742 59183 58263 17050 73087
14482 06038 04438 13031 31488 88734 62402 06010 15971 28138
39582 68823 94970 49665 89126 72466 24710 15645 03798 61385
05618 94224 29293 63849 52938 06122 66730 48118 96324 16387
00229 04103 06894 63381 10528 55200 75141 42139 60575 29992
88185 84322 64026 48492 79760 01940 72594 02632 51403 87018
43178 35679 88263 84434 70722 50256 17989 80053 97729 99673
86108 71413 36375 42242 46356 13102 64152 63263 89378 54026
78998 94384 58253 08773 24821 85005 24267 30235 23379 05420
21380 75691 73446 86382 62823 83535 03197 24797 88259 02836
86752 10194 14948 42910 60828 51703 91352 35120 02408 10206
76627 24043 53401 65337 94421 30238 03203 72054 34433 51778
65101 86432 00156 96738 07480 65389 26260 63832 25727 70027
14031 13372 65818 27272 58319 95757 35491 29496 64428 29668
63955 76827 78381 47148 96076 91813 79005 47776 31972 61139
05269 29103 47945 84084 17309 85548 59721 32403 14595 92938
13887 51316 59645 20880 18507 56316 80760 40148 48827 05441
52193 17290 89015 51737 75193 13612 95879 05586 08377 30760
95491 61574 20842 70060 48656 69605 66478 97820 46172 54940
02914 33782 19813 16846 03508 04887 79963 60547 35873 31587
15863 42172 05319 38842 19374 31360 86680 09019 18228 21244
92973 18876 29687 40485 54285 27810 70540 47035 05368 09570
84399 08332 05365 44601 72203 97607 38089 15235 36895 60998
66321 70892 78189 35138 38538 55494 98376 19930 71523 14264
05101 36187 57296 22120 22046 22812 67793 00829 43471 53226
55742 03411 00000 +++++

11487/9376/7591 kHz, 24-06, 1015/1025/1035 UTC. Wrong shift: 1000Hz

87996 21954 85797 54158 60819 39254 86186 65270 60958 56483
23280 46780 55261 94481 09261 74518 72465 19858 66806 84986
85685 26190 78811 42738 43048 55937 41730 25816 88654 74019
77213 02704 41070 28995 81735 99212 21511 62770 18903 78749
48937 54780 84112 84396 44216 11587 96276 16258 10563 37815
96276 42477 82436 49384 56842 67406 60075 14953 33548 05323
71876 36529 11611 33159 31780 05180 28170 20675 83870 92768
74751 61505 51369 04073 00000 00000 00000 00000 00000 00000

80854 54814 39565 28360 73810 14914 47041 52469 87287 43342
76341 44433 22750 40564 70489 97852 15654 96137 13684 90731
16056 35515 84029 42869 44318 42320 83708 60461 82851 60811
70025 85087 89831 08205 35777 89292 45820 51548 12364 85925
69241 28833 94108 43443 61636 19028 07191 24358 68644 90737
71652 89014 67643 84149 29908 31885 17989 05974 40196 42578
34786 42063 58411 08736 72134 17387 56744 03013 26787 58066
52588 21331 98151 35138 46127 64585 65580 94751 90055 80996
68879 04478 39869 11295 02986 70409 58152 03924 62730 04769
71310 92451 98645 48669 02183 05095 00000 +++++ +++++ +++++

11487/9376/7591 kHz, 24-06, 1015/1025/1035 UTC

Null message. 5761 00000 +++++ +++++

11487/9376/7591 kHz, 27-06, 1015/1025/1035 UTC

87025 18357 13169 13111 42629 66333 25803 54760 17007 37548
21760 50292 54931 36206 98813 47235 62379 08870 48140 68342
62459 92834 39982 58652 24483 30236 37926 75620 08366 58815
96477 95757 91552 15285 21628 36201 70647 12223 99094 14673
54933 74444 19925 96247 93982 45784 58150 00382 06533 02225
80183 66625 02818 32310 90632 02473 17543 70782 44236 61770
95698 96377 78598 27134 98389 29721 47405 94805 20865 92254
58825 85391 39953 12145 48770 28912 33075 88085 43704 97606
36023 46966 92696 84938 31702 56313 73393 54212 87012 77459
01608 05276 80064 70368 99211 32710 84916 86064 00009 73971
06014 07590 98292 70908 79525 25442 69759 93094 83767 58411
19478 96417 25886 55778 36596 15358 97001 41786 60469 12394
13007 88340 87908 32980 83178 26870 76224 39524 73826 35281
21762 22805 59138 60950 18608 14276 76422 65690 27167 47671
27935 03624 07286 43385 96469 67905 95609 14025 66916 67230
31879 14602 70952 18062 63820 85788 97069 63525 85357 63677
33125 54896 87796 54480 33597 56619 28693 97611 28727 60808
48081 65579 17760 22150 86752 74141 13438 49157 86278 01142
29960 12712 75450 37485 31589 57821 72836 18670 84078 29543
60144 10334 76130 49001 06063 46230 03058 00447 45286 42094
29835 15276 42401 33818 75741 63975 95318 13380 87762 91903
57955 60973 94958 59860 86826 96753 60969 75381 41263 00656
76859 25690 91928 73719 61472 48247 17317 39351 61502 99839
92933 07967 68454 10135 02839 53448 94688 30652 28236 74859
75731 15077 92805 41848 91048 91865 69461 47180 20459 15065
78218 14838 78379 04299 29869 37123 93093 09848 95131 39203
23226 63771 03998 94532 28608 02990 04920 39596 37725 75291
38567 61399 78944 64174 05807 56156 67682 93482 34622 82601
66733 97758 75635 58373 61916 69262 80934 72895 20250 17581
45892 15205 22836 02776 18651 40158 89626 28009 06982 21448
38285 02570 37189 64882 44311 11253 44750 80349 94622 51025
01389 35914 51783 20912 08256 42479 71061 76039 09910 42449
37510 81784 08795 00843 15251 28951 84879 22273 26158 95922
50175 42253 00117 68724 92790 66252 64058 54933 90238 54943
61945 52373 96653 79078 22911 58534 33636 92436 19719 31647
39389 96261 84752 39362 55848 93661 75702 55957 58481 57368
08161 94022 58460 59323 97279 81555 31874 35517 75719 20398
55687 84515 80038 86967 55120 23119 22731 61200 92145 47589
92105 94667 49780 73871 47171 53777 91874 55272 99736 99015
03068 01000 00905 86164 38614 44034 74146 00427 38753 31747
62146 59394 87324 37705 79601 45810 19307 18120 89170 56047
06965 61342 42749 75245 79302 06415 00000 +++++ +++++ +++++

11487/9376/7591 kHz, 28-06, 1015/1025/1035 UTC

65669 15395 71120 84981 54112 42176 35981 04569 31095 35495
10514 46530 35353 68785 35706 59830 06801 92089 89075 43652
74346 89854 67451 30062 12935 84935 00711 21449 74531 12223
13663 68695 22702 10331 78266 01004 25509 04799 23366 43325
86386 81227 94127 82315 17694 71797 78382 66770 86631 03602
42042 53471 88208 82235 40789 34372 24953 09072 00217 06082
98036 55673 81627 67555 39523 43763 75646 56959 40416 04207
90867 63626 54187 13427 29702 07075 00000 00000 00000 00000

73820 67251 87725 13639 70716 67599 04266 47587 82923 72114
99991 70782 15765 90878 17674 33867 81421 54599 34844 19497
43142 04395 56489 24557 20094 84809 23860 22950 95047 50984
94077 82387 92082 25923 70231 33622 16496 68803 86649 15555
74107 40245 79035 44670 12150 75506 94154 82210 48923 01512

18759 97551 84410 58675 32435 51206 09033 13445 14071 45888
52746 72501 56618 19087 41646 34560 69847 75580 54287 40710
75771 83328 94893 09217 26443 81180 25654 65746 98794 71836
25285 04926 46218 98504 66048 44201 11573 28682 26421 55903
31307 93502 81586 88491 85373 56096 38955 12876 72644 07375
10885 54791 16493 12715 41802 08105 00000 +++++

11487/9376/7591 kHz, 29-06, 1015/1025/1035 UTC. Wrong 1000Hz shift

49719 39048 79784 72109 92878 97171 69431 52482 40510 89458
27978 63127 44906 75397 17995 17449 50893 43160 75523 46613
44068 44527 53483 60310 73345 01400 22984 97067 21271 51085
68482 43793 20514 22533 37728 29258 39996 60720 32436 21180
89085 41364 50606 81614 13292 43160 16457 60334 79904 69726
58880 30878 77012 38432 24378 98973 74337 78324 35404 38001
19318 04313 30057 31197 66892 59816 44055 25293 66407 45050
20934 25253 54087 73150 61409 84822 24517 21315 47831 72563
79561 69151 04677 18062 78160 41418 81013 68001 35450 97354
65875 06788 44622 33770 72487 21411 19996 94097 52267 15231
84696 00590 24561 00382 51419 51846 33031 23471 69683 52865
64644 04271 38035 69791 92196 92086 04629 26571 26307 69480
04620 85677 87823 58055 07817 80118 36580 05975 75024 88889
17432 61901 46512 73077 09516 65060 11051 14794 89677 06093
28955 26130 45985 38404 07561 20318 02287 44688 52595 62283
39738 88310 43846 40788 26236 04243 08596 29332 89706 09242
91245 28020 96176 35947 42566 03568 18560 20595 77013 69646
07118 99032 71556 74739 97505 90721 04434 89710 17359 75415
57303 12267 77350 92203 29192 30499 57663 15600 35717 12698
25800 88377 91985 15625 46692 15822 02629 28424 71016 51104
07399 94370 12684 26449 55777 77636 51420 09795 09014 67265
21383 91629 93055 35540 71748 31686 50781 92930 10218 20193
67000 06815 65356 33360 64635 76156 28733 87792 95536 79323
62772 23519 74363 37244 85270 70311 28968 59076 66506 77008
65721 62589 99894 08503 73219 86438 32100 40094 12801 36519
63574 03896 69327 33594 55432 66979 60647 54377 03615 45940
29189 83256 66276 87582 64126 16859 55333 70402 27543 88626
28103 06560 83041 05601 39990 49022 50224 14607 44134 33578
33501 40012 48972 10400 98644 60260 69649 44839 95535 15362
34215 92155 50544 62524 30540 75852 76966 22119 04891 24319
76978 81167 48112 45457 33519 46532 30331 43984 15561 65003
70144 11101 45193 52468 49210 41205 99957 99349 08191 55355
48880 44501 84975 36143 45626 34743 81135 03696 27229 12241
67525 87467 91811 96892 64997 73523 53763 55928 61137 32002
99784 77899 48985 54436 94251 93262 98652 55626 07337 08713
97801 19755 64318 47493 21900 95420 39521 12839 20200 69294
43318 16753 28381 73067 75644 41307 43786 03392 44447 24645
24195 59497 72511 88879 96073 28172 41113 52078 83223 70789
43914 91508 91790 92078 49555 50352 12554 95317 96375 05052
26433 53642 67702 35496 24164 52153 21141 65229 76067 80509
70302 63852 12852 80706 42421 09405 00000 +++++

11487/9376/7591 kHz, 30-06, 1015/1025/1035 UTC

63174 31986 44050 22642 23192 70061 80900 21963 08707 10067
82441 34011 74560 86832 00925 85553 57103 69682 95841 13375
11907 69754 64260 84726 59780 88820 78687 55381 20771 08050
24637 26216 40843 40154 55086 84271 40922 93340 04028 39223
42983 20532 26275 91191 52884 52264 55735 90848 04623 36722
99329 77739 95705 35339 08729 07767 68318 47400 97129 05774
15986 62086 93225 04160 20406 61398 49570 53468 48147 22395
47532 15893 61900 92189 66015 77616 25961 34136 06129 40950
10646 10081 00000 00000 00000 00000 00000 00000 00000 00000

67498 53026 10373 55042 40089 58794 69605 84712 63686 91596
00565 38608 50427 20491 65408 86860 22716 91256 36859 87208

14826 78173 75841 66902 51169 19097 25612 87125 37158 13524
20839 82129 23604 88334 35054 90250 30585 60893 14925 19019
41731 54209 74778 11539 04853 43822 49822 06313 99848 41129
31484 07727 59850 42813 33327 09355 56515 01076 60966 37290
85417 94359 84422 05680 12484 03246 36362 01655 67392 21214
84647 41844 94883 54953 52642 67656 99921 93912 85711 71518
47642 53777 87347 71256 04014 23553 73364 74816 28173 70960
17590 02496 52343 85810 87511 58887 10301 66057 93288 71713
00305 11101 00000 +++++ +++++

11487/9376/7591 kHz, 24-06, 1015/1025/1035 UTC

Null message. 5761 00000 +++++ +++++

F06 – FSK 200/1000

Link 00000

7337/9481 kHz, 04-06, 1410/1420 UTC

11100 00000 42536 04011 02529
28072 28617 79949 76060 60903 66850 31641 87830 39746 28105
08574 03038 54731 28933 97974 55153 34913 98068 35875 61130
24014 23935 88382 46495 99639 19427 19371 02565 53124 89929
74288 24239 72220 15485 34769 01789 93798 83062 23726 65085
18762 29867 65624 03717 06350 83608 31617 11412 90023 10697
24231 28221 82126 08271 81291 78892 59496 01025 03773 30871
47224 28743 37262 20367 42745 35509 61723 19930 47448 96505
69249 45957 97993 43347 34492 29594 14523 73890 07452 99432
07956 57451 83323 49485 13550 71374 29072 90828 42926 29881
71445 10394 71725 91144 76089 85313 05115 53523 72470 26272
88296 76894 04283 48306 54234 90019 10037 92472 25772 69883
63504 46842 14332 03948 28717 40243 82385 71241 09204 07194
61879 03252 96156 47470 45806 10521 45201 28733 95106 85919
36480 05667 28097 20504 97710 54051 84590 92916 94933 43219
81930 18256 20612 95326 05088 67359 33788 04878 98043 92429
31977 16941 48619 19950 59485 87495 83953 96821 81841 74344
18813 00657 81034 32027 23919 50175 51229 09179 06484 76636
99666 71764 20144 42237 82423 00636 46470 16425 29726 36833
15249 46059 40494 73084 55722 80356 50822 14933 95972 36557
06067 59929 52637 17251 91230 68329 78141 15310 99348 23733
57643 67339 42535 07099 72871 41620 35403 32582 75039 71444
05532 18617 34037 69814 10671 92702 56075 86411 67374 53303
86976 92800 20744 37330 43295 06787 09975 66612 38458 91871
09390 71824 96115 92746 49649 17277 67884 92758 48824 75038
97667 04281 08020 21799 99758 27939 51235 56935 42881 41618
11250 00000

13396 kHz, 16-06, 1110 UTC

11100 00000 64872 15017 03639
78149 07155 88299 70641 70529 61386 50302 80871 52741 77632
06998 89226 56714 97461 50774 55388 44508 24400 40450 54372
70872 05517 52947 53676 62713 97480 57334 02232 57634 28034
65918 04618 68750 88801 42078 78971 67958 20395 69517 22011
04852 75740 12638 29643 03469 72556 22707 46563 04055 70938
69518 43300 42040 36979 03228 44138 81406 78350 76049 54359
44636 62812 78503 60239 06431 55551 69906 00226 43391 36320
07782 30761 56835 82288 05887 35155 10951 27561 75538 48975
53472 35289 29930 00371 11055 43319 56121 88775 76552 69314
84393 50434 30372 86283 09653 84169 63102 04462 44575 35859
91591 20476 09176 65020 85679 19725 86488 41979 47753 42933
99051 49036 12329 52790 85881 84068 57835 61635 84613 90020
47796 06102 48516 58704 43591 79685 53055 82355 55989 59155
71687 51384 27635 85741 25590 21748 63687 87060 36998 00398
52778 50690 40843 22223 45504 85345 34383 16941 82613 30586

69502 89363 90096 01005 17381 61482 83351 75819 60212 49803
47626 69812 89658 76380 86909 46557 16731 36969 58473 59870
22786 74753 35243 34416 06320 33074 63191 21417 05256 85595
05935 90393 99398 67358 93724 42879 22762 55142 19028 59047
40438 70582 45865 13180 69716 04487 25116 18928 50114 85767
32965 90289 92031 43452 74676 29253 58702 35190 20896 76032
61134 40705 68654 82842 70726 43623 44264 97142 79245 50121
90303 65295 60859 17826 03866 92565 15903 93406 18268 20418
01071 82292 45401 07017 75729 98961 20919 21908 19022 71235
19437 90781 97465 97001 31944 51280 87721 76835 22612 05775
84233 70919 07177 82049 46415 53729 20103 37841 65068 64904
62690 70156 52741 79752 49336 15314 87685 47814 94125 50650
66125 72934 04943 33816 42508 33283 77283 40617 62431 64737
04975 87317 17938 56097 49958 48362 79855 29548 38363 05439
86880 04809 75021 88834 96080 70422 93632 97004 24519 10601
84761 05311 36670 61078 68856 99850 57334 92407 06469 97324
14718 44133 62874 36877 43383 58281 69269 54844 01747 85602
47746 78354 83816 63009 92212 98704 29857 85636 22469 10475
65659 21978 53607 27284 25126 45516 47935 10162 35828 81296
41606 69437 72253 90890 63144 26120 06406 44158 86045 43673
10463 51276 82661 66145 91167 53458 71526 23584 60649 95793
75334 17361 00000

Link 10053

19838/16238/13546 kHz, 05-06, 1530/1540/1550 UTC

11166 10053 54879 05075 00049 00000 00000 00000 00000

19838/16238/13546 kHz, 12-06, 1530/1540/1550 UTC

11166 10053 54879 12075 00049 00000 00000 00000 00000

19838/16238/13546 kHz, 19-06, 1530/1540/1550 UTC

11166 10053 75319 19001 00049 00000 00000 00000 00000

19838/16238/13546 kHz, 26-06, 1530/1540/1550 UTC

11166 10053 54123 26001 00049 00000 00000 00000 00000

19936/16354/13955 kHz, 07-06, 1650/1700/1710 UTC

11166 10053 75319 07001 00049 00000 00000 00000 00000

19936/16354/13955 kHz, 14-06, 1650/1700/1710 UTC

11166 10053 45128 14001 00049 00000 00000 00000 00000

19936/16354/13955 kHz, 21-06, 1650/1700/1710 UTC

11166 10053 86254 21001 00049 00000 00000 00000 00000

19936/16354/13955 kHz, 28-06, 1650/1700/1710 UTC

11166 10053 75319 28001 00049 00000 00000 00000 00000

Link 40122

17512/15930/13503 kHz, 01-06/02-06, 0600/0610/0620 UTC

11166 40122 43159 28003 03579
11673 48214 43346 32342 24962 56176 27373 56640 82824 04979
57012 73888 18906 57545 95393 17280 61948 46435 24532 67965
48045 78844 89076 67517 51735 35843 11240 86358 96886 70535
00370 65332 33302 34837 05571 72608 89981 89552 84849 43102
40991 77441 89179 92605 44856 63956 84964 23811 43432 75350
63306 66417 31190 88829 09527 18509 30840 54447 31393 81380
36248 53425 69454 05025 08573 22582 37957 86433 36560 99567
69761 87929 96938 68588 63697 67702 75847 11298 57803 39741
37244 92563 76873 05341 49207 35774 27768 23391 04105 67389

40912 11610 93535 35419 81418 95931 23998 31505 78283 50219
84215 71317 45083 93500 00067 12930 90611 36911 38041 17869
42899 97528 43175 84538 35046 21294 22397 08681 26306 82199
09213 50585 56874 49933 70690 13720 59785 43167 42650 64474
78395 10684 04031 47709 62854 07510 26342 77786 44031 58275
59157 09780 08309 24944 37582 20549 21698 21151 22622 54363
76711 40286 10411 12763 60419 89551 71215 93345 67140 47160
04166 07173 04198 84853 18648 29464 64176 22963 78289 63293
62128 10152 68482 20954 61146 45072 73381 52682 34767 82095
73308 77447 39616 88309 98505 95461 96750 43979 00177 87126
05132 03648 24744 28092 35659 60072 02276 75113 79212 78176
84999 02398 47135 91210 96862 93126 47593 76308 80053 15840
86252 51626 49443 40373 64714 62245 90869 73035 75132 47040
64202 15704 14469 03685 97145 78539 66809 93992 80681 01004
27188 56781 02124 60858 65349 20433 76707 75846 52889 32362
63640 27732 02217 47553 77577 63392 90764 43380 31433 52650
68893 52873 71484 07532 74925 33634 90694 92632 05743 14582
31197 81291 16393 87720 11877 37247 47129 37115 41989 26475
01340 22252 06748 88884 22784 57998 35824 24567 45586 58313
90694 74283 15423 35930 31776 98878 05337 75173 51277 87303
74615 20117 82716 47947 44176 45250 23035 62947 86896 00862
28243 10185 56311 50314 68542 82634 02141 41397 53856 59775
46061 78955 65710 10727 16174 90972 56391 33823 63601 05294
01342 62296 09644 79190 15697 90754 96953 48936 70938 02158
43135 91593 72566 99962 20233 16193 84754 75133 08537 26497
12915 62705 98134 22532 80101 67581 36662 33076 58211 64258
46678 96295 39899 00167 61110 03355 00000

17512/15930/13503 kHz, 08-06/09-06, 0600/0610/0620 UTC

11166 40122 64387 04004 02629
82474 36232 06744 82227 70676 75123 68638 19023 41951 21409
16720 78135 08295 93248 07676 47477 06597 36784 55692 90324
90041 76892 54951 01593 28196 11392 19423 50528 39235 65895
25879 39512 02726 51494 71061 33675 26419 92463 78951 40988
65480 16170 19077 47537 17602 22378 21785 37659 42430 74142
01434 53628 78746 77457 23427 74576 57843 41875 76029 19351
36520 39265 32915 02972 98155 02901 17365 01398 95277 34074
04074 04282 32079 08411 19480 60395 10309 99078 26578 45425
86978 59088 05132 06809 17330 29850 63249 65323 81483 68197
41224 78085 18226 09051 93616 92674 14356 05917 60485 47053
23040 16399 63719 94975 09608 24926 89403 61572 48221 19871
42160 58798 17869 67243 82398 15432 71109 48169 82412 01312
74005 52308 62259 50498 40686 44432 91371 13053 10983 46321
66817 90112 44558 01192 04165 31955 29986 12824 01880 03742
32205 76587 65200 48618 26788 44544 00410 02874 94469 91827
15475 42831 74362 76472 87951 68169 99300 09897 86128 51350
61754 80204 54317 07858 83745 95520 98249 66916 89199 39523
31508 47387 02190 56375 68926 68532 19484 07237 77902 50322
30853 65547 23557 82986 85568 43265 68680 70490 28529 65247
14398 77622 54453 33972 92502 35385 53577 51766 45375 84368
47293 92755 54446 60809 37167 41692 03133 55004 15770 41882
85177 96778 12768 19367 94342 47691 74702 75573 56384 04666
01894 65599 89254 44738 90920 04339 02458 65600 56093 67622
71506 01633 28377 80565 48418 20118 55191 10311 94173 27310
49520 05353 44097 39058 61784 48635 42076 95674 72904 16599
04569 25713 31981 61378 00334 88379 87062 58334 56824 49225
04260 00000

11166 40122 74512 04005 03269
82393 86092 29170 68845 20622 31310 92706 09237 13379 35312
44966 87534 68671 24834 28088 31787 88535 94013 07567 18477
75375 29855 68298 96462 70439 98326 13835 27039 72848 33299
79809 94792 12642 95496 97455 68951 76262 93658 68160 19902

07910 85094 34991 20580 35223 97821 62136 87404 92713 41475
58185 40451 41383 99166 04203 87554 07978 17495 72519 62022
92307 36888 47183 68647 16066 29464 82014 17710 11594 36593
57187 51660 74024 23364 20290 94157 25238 92128 22793 76160
63078 22308 87863 18763 94253 28672 70472 77445 74370 55247
95709 77449 03534 47067 86276 94946 50951 66937 15062 63693
06976 49407 43762 11875 86027 09144 33469 58792 28841 45875
38170 26120 77449 13111 17099 43390 21377 42823 26860 52401
38452 43262 79293 40251 78683 12115 75982 55661 64651 32172
55373 88286 06829 41710 13417 15717 57286 96766 83694 47821
50217 67496 87944 23160 02708 35795 92947 37123 74206 86381
34682 06502 08120 08530 95717 00172 03975 50623 46759 90572
93579 94735 88289 05686 19638 43419 53251 86173 40230 35879
56696 77395 07618 35741 03354 10969 94798 57584 89030 55565
68256 24424 56817 41639 30336 73350 93995 89765 79687 51494
80625 97278 63211 69509 25712 62900 17949 04767 51922 54042
26350 71437 14768 46477 33354 99669 67196 91047 98729 91015
05533 87131 83105 42338 57706 67517 91122 55340 99700 24402
20166 73946 11162 31185 88084 16687 06104 39751 38371 96297
99654 57935 46199 43715 96764 36840 73800 78652 13837 22711
48571 93938 69197 53051 62393 45825 08235 12055 12718 01417
71944 93488 74815 74088 68882 30442 75693 96882 95181 02130
72893 93623 76292 00230 85674 55695 14333 34073 64138 22608
96613 21693 80678 11178 49184 96043 43822 60896 61321 69380
67811 17849 18496 04342 23103 72019 54384 91292 07026 95581
82469 35714 12295 53648 11000 67296 04620 36073 70762 22574
54634 10839 50773 67109 67575 66217 77812 36922 09158 33880
00742 03836 51072 10159 65547 94444 84561 17635 92046 17373
75482 74248 88184 78532 05324 00000

17512/15930/13503 kHz, 15-06, 0600/0610/0620 UTC

11166 40122 25874 15069 00049 00000 00000 00000 00000

17512/15930/13503 kHz, 22-06/23-06, 0600/0610/0620 UTC

11166 40122 21975 18006 03159
77227 73021 58934 24904 70189 65913 76588 43092 30540 13845
42740 84356 79516 22686 60157 04598 81949 18226 40969 55353
24992 58571 62395 31203 98900 56792 73752 73521 59551 12268
46906 91519 77385 74152 87376 86503 02468 85417 48273 90299
00342 80888 14245 53768 38378 37728 47643 46363 27297 01798
14081 52656 47554 38334 29564 76777 15275 80383 96400 90695
67429 73419 20066 87289 70934 39600 24212 24146 85367 10081
06004 69004 33977 98841 98983 82812 62689 16447 35637 01312
91786 47188 26854 01094 89946 38045 00472 61070 25336 72894
66091 55289 73441 30419 98341 38035 86328 49134 55803 07154
53007 47995 77745 56538 05604 75991 25901 53704 51022 89199
63433 03416 32777 78701 88308 83269 52692 97826 63242 62193
07147 62146 09424 37798 17567 20656 56184 53508 59835 21593
63828 81414 22318 21317 61778 81794 47193 09690 69251 75220
34761 50408 90638 88211 15444 59704 02778 58351 19129 71867
76310 09822 96584 65020 98308 35281 72594 45583 88356 45024
35533 14873 25278 69375 93044 66263 26693 25230 48526 86350
48603 82699 78103 58557 97172 92793 12771 92626 69907 62069
55408 28417 68423 85194 87337 87460 49972 71357 44128 70715
09935 25463 65314 25935 12453 70049 47741 33117 11394 18865
57200 81448 28837 38045 78057 36193 83266 55824 05558 18959
84656 06717 10491 49785 38641 21111 30909 24476 26950 96211
70583 25631 56307 09266 08884 90801 92968 59008 51778 86220
25096 46279 78621 59523 20145 29720 64445 69923 69465 17524
82414 19257 37296 81147 16152 32349 56335 01935 36611 60136
37090 86588 23188 03969 83172 12434 33759 84558 29753 88390
53336 03979 47329 42617 76011 74176 78033 72750 99901 10421
96626 19678 39766 13136 13410 50779 86979 86544 61193 63589

71570 67572 33555 45797 05982 63433 66546 52535 15270 21354
81044 86892 83408 78861 27935 94585 70401 68070 03319 08728
79872 72418 25920 05633 81845 59275 93892 57592 20374 36872
63210 93564 60727 06313 00000

17512/15930/13503 kHz, 29-06/30-06, 0600/0610/0620 UTC

11166 40122 52784 25007 02529
65240 48669 64000 28978 07415 52052 85958 76392 94621 48822
23766 86691 09759 29315 83380 36026 40381 40367 19262 73138
87412 47608 39618 14335 83718 47080 58228 71353 77230 99604
60036 48091 58306 86344 72703 67111 36020 08991 61305 11869
93061 83021 88358 95607 73940 97456 06369 92842 86171 39565
75086 94388 19148 07940 20652 71849 10364 62393 78833 62529
13699 84113 89522 10685 49433 44500 34691 26063 40694 06136
37000 45665 66012 04325 61226 09665 82679 82632 85720 87429
00598 80869 36069 14576 11296 98949 98145 26994 01821 85069
52751 02786 08172 21638 99021 48053 87973 07402 58789 87463
17079 59196 79094 45543 39779 81762 75021 29634 27324 79069
80065 50439 24419 05577 96192 41111 88405 80880 60807 60811
50803 16169 72791 93674 55902 25933 44822 79131 56094 23378
74136 34502 68628 22948 48953 55827 23482 98428 32712 07846
57031 70054 93345 39084 31208 19045 69751 82966 82837 53036
92657 30906 32834 70816 02077 88308 09953 99820 28521 49413
68771 04819 30183 51932 06611 91223 03254 97401 09052 51479
07576 48195 78769 27939 74817 37143 27348 90695 91351 50676
34764 53782 73031 71447 06253 78198 74041 91361 81200 35182
97031 30959 73797 28175 96692 26071 50104 96922 93985 67715
71231 52132 43204 06138 57324 14138 19048 54954 52036 54012
15914 56338 92173 60549 76572 93163 12208 81566 92434 59073
38334 12962 42578 22387 51775 33964 63740 44796 26003 12006
68452 40781 67577 25667 53501 88692 15288 79125 65918 29420
77281 06543 18669 13611 10862 89828 73242 83347 74661 38230
07250 00000

11166 40122 15362 25008 02279
31315 99241 07856 03168 02696 48881 16120 26763 41715 97547
69009 47494 69267 67172 38458 11429 22683 54441 33070 62442
72253 35056 75746 52745 31284 45716 21728 21736 50061 00811
63685 66189 56907 14089 06086 62039 74434 88340 86481 90086
46863 20708 45839 06406 85785 00292 60294 19876 51588 83969
64023 25280 12692 61385 17913 65407 49822 45028 03721 20602
97481 46349 48409 49181 39816 23855 08341 27182 03070 14099
68031 60846 11797 81539 33136 70314 01046 48163 22358 67934
01675 88846 87980 79645 41007 03367 19691 82859 26005 01018
11394 59290 01147 58758 95706 86155 98201 38831 75811 14200
20088 76793 09357 05970 25996 75898 24108 32779 09972 68758
70011 53806 90145 32229 37376 25754 50790 66457 95860 16516
04401 74026 33943 21286 65976 00135 03565 04540 56709 19748
99646 16344 79237 82660 29146 56403 31683 52406 49360 84316
52639 99955 80147 99451 14304 38128 19767 38885 05946 07676
19020 66852 74888 50955 93376 54135 17203 34138 77779 70828
35297 03899 53809 40924 04577 89501 03902 32153 16395 86246
72307 79504 89435 81195 37470 65895 66763 07119 25520 08385
40688 35605 19575 23408 72661 45268 44519 69446 00371 25991
31964 90572 49235 05137 95073 09318 90480 06679 67936 42289
12981 79164 89177 36983 01063 53482 34496 53220 35452 16336
27818 37656 59548 10387 85746 64783 78225 96991 75002 42892
81335 42477 87539 08391 09109 08225 00000

Link 60070

12135/10274/9171 kHz, 07-06, 0030/0040/0050 UTC

11166 60070 96324 07001 00049 00000 00000 00000 00000

12135/10274/9171 kHz, 14-06, 0030/0040/0050 UTC

11166 60070 75319 14001 00049 00000 00000 00000 00000

12135/10274/9171 kHz, 21-06, 0030/0040/0050 UTC

11166 60070 45123 21001 00049 00000 00000 00000 00000

12135/10274/9171 kHz, 28-06, 0030/0040/0050 UTC

11166 60070 13647 28001 00049 00000 00000 00000 00000

Link 70059

12194/10943/8116 kHz, 06-06, 0400/0410/0420 UTC

11166 70059 54879 06075 00049 00000 00000 00000 00000

12194/10943/8116 kHz, 20-06, 0400/0410/0420 UTC

11166 70059 75319 20001 00049 00000 00000 00000 00000

Link 70202

11474/9324/7461 kHz, 01-06, 0700/0710/0720 UTC**10762/8191/6782 kHz, 01-06, 1200/1210/1220 UTC**

11166 70202 94572 31016 02479

03598 90771 44652 75712 22340 52266 11652 11374 19107 04089
89117 82569 54854 83900 04788 00122 19402 94392 15062 35763
95028 40001 82324 77457 76802 47306 70707 76999 54335 92570
77511 75839 84654 84833 42445 20065 10875 78019 01900 00486
06355 10480 80416 78749 49032 95413 36555 85430 55623 10616
05349 01030 30369 60962 04516 55824 08026 12100 96642 09497
95774 18760 24503 96494 43750 96138 61709 48039 98864 07783
45887 26746 21627 68412 86553 34768 70628 85128 64893 81418
84403 85433 67612 21200 15329 05506 22065 98187 95269 37168
24837 57686 37648 56981 80973 11124 05628 85905 96034 65091
01091 52969 88179 50493 54118 61371 12450 12723 17628 80472
14447 48816 96892 12095 55600 02513 68595 04578 77196 53168
69136 13029 95366 59446 56848 29196 44224 43738 77843 29415
09326 28240 90149 14054 18659 58629 25839 36902 83335 76273
95828 47938 05174 24916 67052 97912 93372 02768 66672 78185
57446 95949 93041 94257 68620 54218 38078 96426 06871 94911
50766 16010 35798 46067 96447 80576 72517 64618 91610 06615
44756 90641 18842 93079 52346 23573 51658 64260 75302 31328
43873 35398 95664 28278 63213 99495 25297 83004 73855 58758
56840 41782 97576 49096 79981 78716 08207 31138 30261 08487
39068 46179 62568 22613 08092 60513 66547 35205 90297 46576
66075 49119 92322 74348 70012 78460 08693 11446 66412 88371
64510 55339 77371 38046 74269 46141 16717 37895 71458 33401
17706 56825 88656 95330 22942 40534 92812 33919 53672 26792
05370 94359 00687 68628 61961 16245 00000

11474/9324/7461 kHz, 02-06, 0700/0710/0720 UTC**10762/8191/6782 kHz, 02-06, 1200/1210/1220 UTC**

11166 70202 43958 01017 01539

75565 51478 12994 68833 06843 03480 07228 91886 85352 31281
17706 77733 62233 55783 49994 34452 54129 16438 57476 84591
26976 83908 73421 69284 35346 50567 32224 98174 90804 66010
15733 24819 57702 09785 85620 52279 99851 18504 87720 98564
26515 09547 39278 76633 11149 68529 35045 68627 81337 92730
33169 99038 03362 07662 06790 36483 09824 98972 72313 78776
43786 26871 30269 01002 17845 15255 79707 71248 11589 32734
92077 63720 55862 07740 55500 23883 77299 44896 25401 65366
01537 34857 42424 03276 38557 74780 03567 53632 98602 41639
97477 53596 12093 85549 39850 82196 51979 35307 69852 86226
81982 33317 93527 41001 79143 42106 85110 00671 04132 89606

82183 17771 17742 45393 35622 36695 67022 45067 00264 90786
89463 04971 77235 57727 08701 94426 43879 52914 20150 57674
32213 65512 90024 02711 41864 66871 16170 99206 98409 45999
24151 52698 93075 51756 97031 47227 64702 46499 62280 73635
09953 17151 00000

11166 70202 26471 01018 01719
77141 07996 92628 71535 89420 43893 07817 41889 92863 17425
46800 42176 64792 47789 43543 07031 77474 66811 84582 81218
90159 22864 47398 05249 45900 08717 58420 99133 59090 43004
19095 86480 04674 59986 73453 26101 44941 87304 15630 43325
54867 16407 60750 78217 31917 95340 27647 92870 01268 98596
06811 04965 52372 53689 12057 39789 67811 29160 39299 17910
30366 13704 80903 20664 19257 41082 69041 00677 31470 40539
46481 29582 89124 17380 88265 00148 18816 93421 22700 24968
13865 61996 25096 98933 15411 37178 82706 17666 73297 01955
54292 69077 72680 85000 72748 40283 37286 20754 64243 07018
45282 72479 82292 97768 18670 23016 80211 49800 72156 62870
70391 99255 32440 30385 43819 72538 63832 83620 48301 71141
61176 08679 48798 67125 95979 94138 18348 51428 26718 26283
32975 02192 09219 84824 69047 65303 68100 43801 26518 64320
15169 07337 26469 81983 25732 34953 56427 80503 08759 36119
61854 52793 31824 38725 07278 21857 86777 61173 55483 30503
07070 42765 38210 88580 72680 12082 16794 69918 63576 18169
00000

11474/9324/7461 kHz, 03-06, 0700/0710/0720 UTC

11166 70202 32587 03012 00049 00000 00000 00000 00000

11474/9324/7461 kHz, 06-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 06-06, 1200/1210/1220 UTC

11166 70202 34586 03019 02639
88444 35270 13668 79490 65100 37270 51967 85816 37560 37226
07498 79630 74468 96002 47843 90146 53308 33117 06117 35536
02997 58473 33367 53732 01663 79966 30385 30212 59277 35420
01092 33679 39842 22256 94696 95600 02813 23377 28809 94523
68451 52664 10697 31126 36788 68544 98878 04909 14886 29064
72234 28506 32094 86901 98820 40514 47976 47761 21582 02805
82602 40578 03148 93238 23890 72986 96889 29735 91687 70468
36450 86624 63277 22640 60898 89216 89999 85100 17735 97542
59670 10283 10902 15180 84490 05753 86010 84120 19132 43377
69957 51616 38684 67820 07124 19921 31154 77781 59345 14891
84201 78433 61840 34370 70805 28489 52280 62291 63535 30325
15190 59442 32132 36624 08874 66832 04070 71945 67043 82585
92802 92682 92343 98314 23359 33832 83955 05902 10009 16023
66475 10626 65646 11226 12245 11578 47615 90607 74332 35296
69638 02938 72335 33564 34553 57002 98217 81304 67530 06466
34339 35506 54473 60606 00887 41130 15279 69364 74890 94919
66644 56155 48003 03061 54124 96860 15239 93625 58097 68458
11856 69744 03365 15718 40576 14428 27029 09392 56315 82996
84379 94358 00628 44041 97444 51139 03045 54854 75904 19229
91489 82273 65062 55686 78967 04878 00551 27414 18710 57454
74458 60563 44967 03709 42582 95509 41626 48114 27467 20832
05858 22875 96939 84733 98955 10915 22825 07337 01590 90842
49510 42299 15625 14828 27076 61186 79714 55323 88653 59028
90858 81568 76715 04507 49091 51826 47974 83217 67516 32268
11588 07425 14851 78465 80346 90761 82679 40410 39539 11314
94604 77012 63185 11513 99480 91007 32312 08288 15909 20205
34974 19261 00000

11474/9324/7461 kHz, 07-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 07-06, 1200/1210/1220 UTC

11166 70202 13567 06020 01899
65206 23207 25017 74551 57015 30021 57192 22354 12580 00276
18970 25465 07758 16755 16727 53059 49819 97820 27303 89496
36427 86050 09951 37861 92050 24090 54334 03667 05271 34891
50487 88430 15392 48541 91692 47799 21808 42857 46203 93907
14570 89931 58747 46670 49568 25839 67764 63678 16792 85652
49289 03406 75085 70999 23442 01398 51854 42313 84454 64134
31139 52982 40164 10263 78517 67581 71915 13879 76248 31373
50822 29538 67120 83264 71298 03709 30414 29411 87825 02324
38446 19650 65870 09140 67106 93951 82906 74585 58841 91085
40467 19780 61514 36674 73174 25424 91582 52824 65673 60228
95031 56543 13420 28598 04494 39098 88249 42224 16004 43524
94670 45302 33813 82465 27816 48044 56715 63537 68995 48184
04309 14390 79780 45153 06638 24674 80560 76623 05650 47080
24515 32101 41915 24655 02930 23253 25020 36571 42792 15670
11112 79541 82623 51731 35987 27067 37458 19276 77202 33699
88924 45765 43616 76519 61366 22614 15814 51004 69927 89389
85843 63471 51555 32560 69717 87306 14847 78481 91088 75134
69680 85314 59572 44142 22572 63542 92122 76732 48690 79805
50916 03694 76470 23714 96183 62082 45760 20187 00000

11166 70202 96413 06021 01559
67361 79434 57004 56655 67960 84876 72119 50196 17577 02961
14791 36024 65215 14428 42300 43489 47356 25285 77733 28236
18271 62144 05388 42972 72625 28972 73301 43884 46303 54966
51355 74881 06389 88218 18375 96864 66249 14883 76676 54199
86653 08501 17488 95584 48861 39208 85692 91499 10618 97475
17319 15427 81009 12103 48229 81025 75090 67125 17432 52457
34240 47346 13463 70033 23178 67159 37271 58389 39576 62365
80040 09370 97210 49662 39402 56792 68576 83500 22446 85315
97923 64988 09004 40553 20636 82533 73612 32667 49888 88915
89610 50587 16542 44463 63798 29075 73185 81040 75105 35799
98281 66521 15697 70625 61344 74429 57960 94294 35092 88454
95807 28684 65513 96511 33732 95840 35770 54041 22053 87971
84896 21235 61797 85575 67219 03871 27641 65909 63431 52457
82354 68973 79265 99359 81190 13201 92713 38601 89656 78048
35701 78032 63092 95664 21185 18548 61511 18825 51595 40041
98127 57327 69558 21153 00000

11474/9324/7461 kHz, 08-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 08-06, 1200/1210/1220 UTC

11166 70202 19346 07022 02439
22941 27202 99338 06566 62476 01073 15168 45741 96665 54496
49265 24081 92383 76904 99061 55091 23870 48069 81254 86481
25849 97439 97272 71283 67836 69451 28541 87879 73081 11967
47458 38665 30573 30057 55033 81988 73546 72296 81130 77102
22935 41770 08237 46770 19203 48971 04711 87252 90986 48782
78437 80334 33999 28725 86833 87091 98619 40673 64131 28088
09615 93196 51899 79680 66423 46753 43703 41131 97451 78887
79882 52196 66799 11646 53353 65907 56877 18377 12385 06200
75328 52124 71285 65102 59715 62778 64939 19162 78388 95196
08127 69791 50990 85454 45566 37236 37022 97443 03616 62837
65917 66975 79575 99283 07054 45602 29525 93540 03147 61329
40626 92143 15457 38405 98846 23537 54253 43386 88023 37159
92968 49660 81217 03946 89480 37607 10283 07950 62962 72595
24603 83766 99733 28003 74925 79435 86558 45436 83223 49532
94817 49350 84539 08110 63997 58247 51734 96202 57934 59647
39082 43562 92251 41015 05658 29317 56422 93829 04435 71253
78899 32987 48060 98387 08750 98725 87207 86536 12234 33253
62483 61554 07755 49272 15793 99935 87635 32586 72123 81475
00140 45973 27673 73660 90190 26524 05262 52485 22213 93612

62972 89388 33552 09710 66942 58984 91880 61211 64261 47284
55063 51472 16902 65092 56888 23242 82616 96270 67122 52668
53753 35545 99314 82088 89916 95557 64798 83762 05410 87843
96312 71758 97404 07414 89700 04167 25769 75651 37102 42840
80490 21186 50094 62827 97639 03446 96209 28717 09802 08578
97268 22241 00000

11474/9324/7461 kHz, 09-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 09-06, 1200/1210/1220 UTC

11166 70202 43267 08023 01579
57615 26329 94789 88136 68012 47775 46875 60614 29627 46819
71056 96958 41554 22620 56574 85526 31392 17249 09167 06947
36927 67854 30660 25788 33225 85876 33801 58498 41075 43007
90789 09799 77713 68566 38934 94725 35773 88004 91877 88499
01395 57191 29825 71419 47430 72201 67213 60957 62689 59278
21261 48256 03147 74649 29830 81200 76076 68909 92048 61263
93016 95621 30119 46307 52529 68867 95756 76527 38682 99387
69699 65736 46187 64039 27710 25155 68139 88235 71533 11921
07291 46058 48225 19485 96794 07744 06296 52097 41362 89206
62111 50549 14766 83309 74988 61393 74629 77561 54407 66782
80438 87918 47808 17166 25712 63396 82374 33984 20272 41166
59268 74586 83546 56826 23739 76529 34850 39537 59556 23473
91568 46708 81185 99829 11193 17924 22162 26383 38142 52790
43096 94043 41304 42402 07737 37942 53238 09107 00547 19037
46977 34254 84213 05435 11365 78629 20545 70597 10856 25241
03175 50640 40747 99166 75526 23155 00000

11166 70202 96823 08024 01739
75480 03774 92109 47754 18857 79136 31160 03291 43591 66098
22536 43714 66819 04896 15263 28272 30467 08556 66427 77242
85107 50915 25086 10203 75088 61010 47909 42996 17112 84732
51250 66834 89463 99719 29323 57949 74074 94400 93194 91268
18593 47139 10246 56515 10678 66414 48828 00198 81674 77973
57767 41911 81878 69893 35427 38394 94569 31488 68010 93777
80994 47009 41781 39457 73509 30058 58906 32043 59039 09667
11593 42801 20062 03975 94216 37045 25308 42434 58127 66900
87337 22500 38810 25891 29216 11719 10110 38778 27450 31173
45181 85083 23382 81203 88874 79753 20232 95361 71227 59379
07967 33519 16762 47428 83192 50069 29270 96912 56253 98178
56769 33935 62726 55990 66329 50559 21491 85756 83446 20423
06580 61810 75649 35555 24975 28319 85046 87805 17559 72767
39467 43362 25386 26099 96922 83750 88487 25451 03039 11788
69372 00432 66178 45918 18425 68860 79914 51350 23390 52931
47564 81462 10121 51708 88456 27894 86786 30921 30626 02765
48728 15973 19621 01462 86138 99113 98106 19430 61767 96708
35972 24171 00000

11474/9324/7461 kHz, 10-06, 0700/0710/0720 UTC

11166 70202 25479 10041 00049 00000 00000 00000 00000

11474/9324/7461 kHz, 13-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 13-06, 1200/1210/1220 UTC

11166 70202 94618 10025 02399
30931 41013 89099 65996 98139 48960 37466 96576 22829 71455
45884 21796 81637 14529 33639 58748 38445 64539 42369 39821
51148 65832 43091 41562 84792 30132 01919 07018 91983 82359
27909 78707 46527 72567 51470 84433 41220 08669 06781 43111
85750 89663 16647 82804 65625 44034 03235 88153 48069 03004
73128 19392 45842 63349 50130 70124 74895 19452 54264 56068
66817 69271 50400 51936 22003 23933 14946 18652 14478 75619
94046 88085 84330 03450 51720 97493 78665 22027 31378 90861
27040 02363 79156 29314 62311 19836 02506 77809 22819 08909
62467 60284 96869 29248 23084 00441 95432 72977 06371 90369

63997 67720 26300 54193 69533 55133 00213 98910 23480 49617
61122 69643 26713 06889 19330 51458 47416 57106 46787 84965
67807 82229 82667 87864 60643 42307 83543 99645 81452 80383
66650 91613 87420 60691 19643 09439 18886 19851 75296 40409
04355 35729 74585 22582 75004 43672 66583 38012 99584 54786
18608 57255 75670 55954 35068 27325 38206 96279 08429 20293
71261 89643 50753 84726 33955 88065 79239 67141 36477 05548
54204 95661 27137 97096 92945 43075 76395 22611 07917 11473
68802 50316 42661 05653 38778 79437 03933 87488 11185 86805
13449 28433 32620 27064 27709 02361 04370 41188 99314 85930
52958 52983 78233 58647 99234 58270 76444 19829 11929 36418
44393 64648 56621 38946 32705 86444 76063 34845 37591 97495
62770 17341 53378 85431 09853 01765 80612 47484 50996 69216
63157 69749 25546 35731 52743 43662 29621 25237 00000

11474/9324/7461 kHz, 14-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 14-06, 1200/1210/1220 UTC

11166 70202 18954 10026 01759
73414 08795 64287 95561 50313 87586 74557 52590 84436 06133
22076 39808 47087 44265 97581 43804 10630 35949 06619 45882
24533 18251 58125 83777 17684 11653 09766 97059 19157 92657
74688 79666 14629 44609 19395 88002 80629 97677 07408 78041
63799 93941 68433 69871 97372 38507 97695 63121 72039 22591
15133 51695 03397 29528 39147 11272 63169 59614 54591 57986
66383 34740 79681 01746 31693 68745 61525 42609 57025 14436
54946 83674 77760 23196 64299 58899 99606 78134 52962 99310
23378 86709 50190 86024 03847 43757 10023 63521 09872 00870
01921 11611 77979 03062 37842 99528 76593 78653 65422 70599
23092 93319 81955 30902 20886 04234 48868 40374 08709 75244
11366 29802 39292 39035 52941 92120 29631 17175 39440 21471
50016 34040 32358 98447 44020 85501 76063 44976 96634 48344
88642 97253 92733 41347 11032 70200 33058 73956 94151 11843
99910 43498 28705 71086 89739 66859 47347 27294 54809 57582
53902 55128 21139 84307 59317 23076 74893 71499 29050 49111
34431 28391 71553 61915 50166 17100 22583 41108 99467 95829
04971 34915 68755 26173 00000

11166 70202 89461 10027 01639
14835 07391 86853 66922 02737 92690 89467 96392 11292 37487
03539 17105 66152 65819 03151 43885 38480 93729 44660 14254
69575 71149 69889 73144 38179 37169 76217 92082 00140 37119
95740 33783 55131 74908 50717 98084 20107 99055 77462 10184
14185 45844 35883 37080 84638 88047 46855 43183 28697 62658
24612 21026 90823 76055 96344 57997 40180 10059 26193 25068
57947 77284 85819 98403 89199 99273 38760 49847 39017 05797
30717 67170 17524 78795 03011 90054 63537 89384 71356 72734
01523 01368 37160 09232 11531 39682 23528 82133 16815 47232
53157 20832 18811 78535 10328 80185 34166 03619 54143 75519
13508 20617 75244 34917 46638 00488 13162 54728 83841 12299
76494 69243 27990 02522 33122 70462 77143 26762 62607 38899
22320 57370 88007 71355 30131 15370 29261 16615 64969 00139
45341 54971 30432 15281 57371 82552 34671 14132 69888 86362
09357 13321 32425 20981 36943 47846 08627 22869 65920 66092
45066 23203 18743 88213 56952 45181 22120 76351 72930 96742
14362 27161 00000

11474/9324/7461 kHz, 15-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 15-06, 1200/1210/1220 UTC

11166 70202 54761 14028 02879
50997 41849 18695 05553 26333 54503 00826 05317 44838 16082
06991 92639 89626 09302 61591 18602 36479 90010 03512 50843
64688 35107 94463 59032 03139 66727 08680 07073 10089 44890
64883 56733 10081 45789 86496 12391 36408 67912 00990 61582

52603 33183 14347 91032 51349 75309 21553 82866 54283 32530
39059 20682 61109 86931 70156 60174 21467 17553 39202 43997
27993 59426 55621 65549 54011 85783 93644 11379 84284 55574
98691 36882 12278 93523 56361 54997 02360 94877 84958 42566
40376 72057 37483 94066 21057 85392 24044 77390 45653 25113
90605 71364 28292 36818 15031 89691 34436 07570 06340 21009
99927 54832 18137 39749 04026 85422 12123 67481 94888 16674
32653 89436 90937 76991 78265 55895 06530 27985 81114 23120
75393 75382 30262 13529 70251 60890 99738 99802 42068 52201
67343 42590 27371 73337 35096 36528 97072 42509 87282 44243
45235 09682 47047 23027 41207 11038 17446 73882 93590 82520
17919 67613 99444 99648 52103 27656 77198 35782 67936 74336
06678 56043 95978 60239 24706 89058 76898 51377 49708 43728
14055 33855 33756 63195 12112 50697 65491 33219 87631 98551
72363 87121 62569 38935 95626 74508 76626 03724 36524 85943
79377 99560 97101 50772 88131 40887 64088 50273 22440 66266
09283 13333 51217 17701 04875 86820 13384 87620 77155 97867
97988 63240 47036 50223 94741 22963 30822 21875 50888 64522
99680 56138 95378 69555 21238 63378 16251 34279 31738 75573
02177 20979 12209 20892 84108 09978 67073 10478 37959 56783
28629 54631 34248 84098 35857 50572 45672 63383 60974 08972
48510 65655 82183 11441 78817 86210 26047 16163 29348 72969
27934 53862 98126 13109 83964 81286 24632 57694 92898 84398
74496 88983 11404 48467 58701 60088 71139 37230 98162 61700
31092 48336 69674 95536 63609 28285 00000

11474/9324/7461 kHz, 16-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 16-06, 1200/1210/1220 UTC

11166 70202 23574 15029 01779
07281 92010 68545 51491 71898 48947 67291 39662 05585 84551
96293 15262 14924 80048 78252 49665 21228 39154 92464 17953
67839 93295 44671 66868 53687 38174 93634 66474 85313 62621
39150 68936 64533 55670 01160 22870 53933 02789 44676 16696
87387 07213 30192 49433 17783 97313 94263 52375 19135 05937
89959 10077 85286 32650 41859 54098 92383 24845 95287 27944
17292 38616 64483 46624 29177 65366 09371 99284 96402 35075
95636 68343 75955 32158 17797 63565 77570 84866 89938 94516
19763 14160 33823 29838 19927 52983 19037 16767 85714 71899
34894 59358 99869 72002 98746 78825 15702 31049 30422 04455
05400 13765 47454 68520 28356 82227 60805 03641 11707 67305
75763 66018 60259 87054 27703 32986 38006 23033 07395 48320
88405 90458 55557 13732 85622 63158 31332 50000 33910 39229
84371 76160 57326 58374 85225 80201 46971 06822 93726 79706
57923 70788 70035 95871 73082 24413 58062 89333 76084 63099
95931 31264 00493 18205 33193 08143 47438 14025 59444 83671
88915 52980 74085 66243 98899 39987 51858 55425 79492 81906
83883 65872 74264 23040 98866 29175 00000

11166 70202 12368 15030 01679
24897 63602 96461 77949 99009 35737 18005 55151 58137 25363
78173 26631 20959 27807 38240 96967 76456 93428 52227 22376
11255 58059 87844 59167 70649 41900 89723 23626 76764 34059
70857 93006 52274 04924 43218 02331 23136 13550 23455 16668
98758 02267 74645 83597 53049 95662 70001 95530 54778 46163
89501 16585 20700 93376 85356 53696 89863 29393 77273 76656
42549 87231 63429 16763 12275 94618 58117 98773 64308 60287
91980 85845 39116 84976 35789 42150 84189 14336 33683 42853
22700 75905 56826 86145 32391 67362 13419 87009 33172 88236
75973 57415 06841 32255 11840 02628 97368 82530 27865 88311
65191 76765 65171 58132 93941 34661 04954 06527 73060 64723
71263 36336 04723 92650 41690 55996 08522 78491 01901 95959
22340 14757 04955 49046 22850 22682 21352 64406 14085 88812
90732 49789 57510 09116 11178 61787 42033 32802 27048 88774

17402 23032 01287 56191 39407 76709 83143 08890 00350 70549
07236 50212 43194 25593 84905 42502 82849 07378 73788 98718
83018 03930 36549 19863 62053 30165 00000

11474/9324/7461 kHz, 17-06, 0700/0710/0720 UTC

11166 70202 18932 17047 00049 00000 00000 00000 00000

11474/9324/7461 kHz, 20-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 20-06, 1200/1210/1220 UTC

11166 70202 94571 17031 02599
18529 73296 35424 39287 08631 50057 78508 91262 51949 87274
84815 09323 02143 73922 77596 76704 85225 64260 24126 84626
06590 06712 48822 41687 16724 66198 13668 19684 59059 57113
51840 65542 48379 29136 65515 34054 53239 73055 23755 21092
80817 38811 21439 02013 87656 82917 85170 04915 64715 87483
37082 73451 70171 17989 52499 98877 08425 12026 72387 26029
78718 16183 56515 62904 41836 13258 88285 48563 78297 06995
67159 58998 36496 56528 49616 55689 94217 77715 24591 06520
81974 53557 34312 33747 41590 20889 76496 68705 18483 25519
48826 17939 11070 63026 21645 70445 25741 47377 49816 00723
10844 74567 59686 47303 68093 73471 72068 71462 64880 61086
47212 25793 95877 44355 62679 87325 67415 35760 60060 34897
03039 74877 21488 75432 93697 73071 61863 48847 41001 23524
47751 66252 66979 43778 78862 61141 88782 42998 93079 58257
81760 31116 80953 89821 79361 12061 20609 13815 83278 28265
68997 13994 82294 48614 70436 86337 03251 17059 68371 41604
42584 04039 31298 78685 51869 27945 28778 08460 75796 38777
18498 32809 66039 81198 30294 08507 19426 79173 58089 50652
13875 09377 95678 55348 40515 55556 77301 46297 55439 61039
08930 75020 99520 21576 01224 29366 59737 85699 40084 30017
70431 54790 55732 19666 77956 00043 76275 74560 17133 38502
76669 93090 72961 35383 59038 41126 26029 24840 25274 58766
05036 66377 27862 58216 94904 79101 09862 67453 73872 20983
69995 99384 78045 05333 13756 51189 16817 71669 76503 63506
87606 53169 29463 94193 63359 07883 04571 86304 51225 05917
99106 35012 45877 89751 46053 83123 25890 31257 00000

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10762/8191/6782 kHz, 21-06, 1200/1210/1220 UTC

11166 70202 53241 20032 01859
15384 18783 45375 83955 18152 86672 97150 14930 85772 49735
43417 31792 51540 54888 95985 54699 96780 86477 40120 02730
55633 83914 91521 22515 76953 44974 81518 57984 91792 56915
81430 15912 59870 22618 02028 06948 93501 73935 29015 66832
82388 89437 80505 87462 67739 58731 97388 12522 39135 60560
02555 77339 52593 46854 89904 97678 93250 49925 29075 37138
31126 54993 96835 07853 43376 05240 71071 84185 01497 31556
48307 34091 46903 24196 70706 97849 03325 88505 73471 68840
99458 51925 88605 56065 00307 14447 65942 33092 70651 59715
97413 03108 19087 68963 55469 34783 96064 04967 81596 48613
44371 58202 85872 58443 25494 72405 43497 97852 70294 91708
99222 86093 27444 96545 15643 13260 08041 20517 26263 49395
49868 65397 79293 07199 49707 56478 83099 13047 37162 05428
89253 65990 88421 72855 74122 89435 03404 47776 04923 05186
94712 86152 01191 84532 61849 75709 27600 56089 49122 19203
79058 75042 10673 53336 44040 83529 31078 45506 57059 16803
74956 35568 76259 34890 64006 14812 47028 84430 04937 59328
37587 20373 16701 59958 57489 42223 30496 16015 94971 24530
60941 84955 34083 32183 00000

11166 70202 45273 20033 01839
05184 93814 74293 90402 99883 18840 30789 98377 10506 41993
78303 02408 01523 44298 90293 86453 51121 83565 65161 64277

11871 16456 30322 68542 99991 63608 61612 16580 67940 91280
85206 88753 39970 07917 54249 80356 15372 99110 17382 12981
69079 49371 21343 16303 04325 24150 14852 16207 37031 10557
45933 90200 16631 40205 69900 76053 13001 42626 10162 44593
24192 02683 39049 72595 84652 20425 70857 76718 78627 96828
84270 94403 88412 93848 16377 22688 32173 42221 95449 50862
70988 95467 04686 47916 89830 53514 94091 90711 82148 04391
82695 43800 92763 57425 18286 26860 98740 66383 86850 30649
32947 65984 88916 67439 79967 70235 24965 66863 99069 06020
57123 53103 53911 80376 39306 64367 53674 04905 33010 00588
35304 25744 50930 10284 41563 32547 95608 52514 74554 44902
85273 94870 29443 99631 84089 33442 38019 87406 78979 45691
76827 12115 70221 12176 19526 71423 67994 68055 38178 81963
12083 70320 83148 97592 56896 91687 96310 94148 89022 77083
37230 19153 69481 23667 27038 29889 17873 70329 39655 68300
80606 07598 95073 46139 50406 43888 34374 38810 29265 89046
81172 33181 00000

11474/9324/7461 kHz, 21-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 21-06, 1200/1210/1220 UTC

11166 70202 14529 21034 02579
86678 55810 94583 31880 49779 92784 82413 63857 63939 85652
10494 90046 59299 61742 73641 50439 40271 40463 30599 22206
85074 49705 79777 67206 27005 50932 78468 96773 22122 96400
22694 39731 33064 66946 29894 24558 83651 63776 91627 11661
63983 52702 88484 36682 90714 84247 84390 50769 52184 38078
42497 68768 93107 65184 29833 61259 18497 26250 02925 51369
21515 49658 91549 02324 64934 57556 22832 06643 70908 33431
52846 12946 98715 29619 97940 51285 15198 38200 82944 42955
87541 73707 48466 05710 53128 41087 84450 90329 46112 87355
82203 09475 85427 60382 22057 44755 53908 23235 38863 42967
23208 97536 32512 37426 04209 34262 15656 55330 27608 35405
15825 97102 84365 74973 74129 98640 80699 92733 07729 12413
87327 59141 28257 68342 87628 34909 33393 00411 54417 73636
13768 49925 10020 40945 42381 81377 49345 48552 38737 71850
30620 26728 24864 59879 63494 83565 15423 64738 49198 24507
09081 12068 52435 30558 73346 26790 09698 18636 40047 79240
03704 32481 53635 95471 58627 37569 39521 67641 35823 18474
84604 25444 34718 02100 47209 54514 28578 55232 38592 72739
89813 29851 43229 00415 84535 54621 70049 85194 41025 96024
51822 67755 21825 37548 34872 99127 54126 50385 26312 45617
98150 54074 90988 42270 58201 90509 15317 80801 66078 59785
80198 42944 91547 91273 10211 15136 59546 48409 91252 45497
78817 90596 73831 29028 11649 40681 04192 31973 39423 31432
50447 91270 03652 29460 15936 50050 27181 60014 56960 15095
45271 81099 47114 47217 01213 80344 55375 20478 86195 93061
30157 11201 28091 64937 06505 34255 00000

11474/9324/7461 kHz, 23-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 23-06, 1200/1210/1220 UTC

11166 70202 17943 22035 01819
66068 66985 79521 16539 71308 08417 09628 15701 79700 60476
56247 59617 49353 39063 00710 39078 29989 46678 99924 35696
89895 00908 97569 21533 32815 12620 83791 01402 28208 31046
89393 27539 03338 97951 25429 41317 70609 78076 04141 21703
88601 58026 02190 45136 80216 30816 52101 86529 56413 08238
72877 16060 18929 28257 75700 71452 40453 49606 05678 10443
45674 50781 05555 73099 41644 75613 12338 08695 70899 92617
22771 46823 85769 60289 88591 17430 67315 15555 27510 49470
37337 27548 60848 02860 36884 83905 13782 13409 69701 01774
39113 55446 34066 80709 50510 51794 91427 39657 76171 85799
45310 05202 68826 95101 28907 43278 33020 51827 24795 51521
55632 58895 65228 54449 50543 17128 86423 68670 53403 42848

35294 30291 27442 40647 52062 01726 66240 61024 77184 00079
04420 97569 56036 14304 72176 03393 39778 03320 54603 31470
05868 92265 41731 28609 46618 09095 80230 37712 99274 28681
62716 88031 16028 16641 15577 78095 97404 90039 71288 81001
37479 37190 36131 26756 54334 63710 89254 41361 04213 57051
74031 47313 02806 86653 67629 55230 02099 81951 39744 35179
00000

11166 70202 93476 22036 02119
25713 51896 05025 11338 19330 31786 33309 46057 05021 48722
00539 95628 23406 10376 42895 05093 95367 74546 91342 14109
18401 99692 68032 57734 64247 01812 14451 25885 69970 78601
55982 04938 39686 86851 32596 49885 99122 83983 50326 60508
70197 69700 33246 59976 57805 88662 80612 99339 65997 80141
58880 36329 85742 85584 83258 61910 21461 50019 68513 73035
48515 78251 53693 15020 18838 31785 30466 41980 56903 77395
29761 68786 13209 23309 46392 12950 67468 03911 06368 49888
98700 98931 06550 30009 64392 98035 81379 31051 55943 46769
76324 44110 22557 34780 32770 16798 80784 12269 14005 01965
51889 45602 27021 85432 94247 48012 19801 91160 22940 46345
58771 87291 33746 69770 16127 41525 73722 71410 21710 99227
25541 18809 59114 82748 97796 14191 10731 35356 38451 30442
81391 58246 13610 73749 55328 14048 18820 08839 66106 95277
15076 07749 84246 81167 06720 08076 52198 31313 03418 91631
21376 89571 33416 19444 70921 96652 00247 84049 12904 34844
00080 65000 13622 53291 41905 98541 85713 47294 37743 97376
30755 90035 55047 81469 37029 40195 48516 05829 62163 73873
13477 96188 55316 14277 28044 28547 98600 57589 76233 13485
72433 18471 69220 71207 74500 43631 06930 08251 47023 66898
47147 31777 92005 04231 74334 62416 79167 12115 85343 36209
00000

11474/9324/7461 kHz, 25-06, 0700/0710/0720 UTC

11166 70202 12345 24028 00049 00000 00000 00000 00000

11474/9324/7461 kHz, 27-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 27-06, 1200/1210/1220 UTC

11166 70202 96321 24037 02599
55676 83296 62548 89576 28690 19734 55390 76097 18077 76640
20139 52782 25486 30003 50477 31773 05262 94690 11450 66778
43399 62949 50683 02940 75644 38696 88616 21728 80712 47302
86172 73038 09519 25557 13302 11685 36401 21488 66852 80473
43241 58732 11186 07050 72435 45155 39990 06697 09656 30380
82713 08285 82330 41947 04079 45545 84780 54760 70083 80871
65960 73528 78956 53823 40730 32882 80488 71524 10604 44853
32173 83144 04901 48402 65612 05650 78254 40692 61604 93011
25396 94774 57368 66057 99172 93404 34324 45155 42711 33646
59892 52921 71693 81964 81718 79122 67657 84506 97787 24992
68275 62229 50851 69108 65544 45590 20611 22056 47813 28467
12087 62041 46612 46016 63622 68647 74185 06129 22951 96924
62705 29197 64770 59006 41063 75870 48253 05419 10209 67479
37940 23296 02961 28830 36450 93674 39222 08045 02441 75056
12547 53146 52264 05426 68993 50060 68749 39919 64193 51737
65552 66319 09595 53073 80506 65570 43783 91317 96420 09505
89857 76661 12751 12957 84763 82679 16593 82466 91546 51333
26420 28748 30450 92207 07027 35115 89793 80673 79085 99051
02583 84661 71783 89117 99773 74742 91950 84369 76132 97190
08142 88488 29639 14725 73087 35808 60351 44614 32966 31419
39694 48830 96932 92544 86079 55941 65327 83372 07829 19435
40029 60534 99301 42145 65362 71411 01198 21489 73016 72469
60949 95185 29400 59788 54148 92157 08877 28996 52954 18286
41321 06780 52401 31724 07422 21170 90558 87450 80180 02774
23478 55737 36038 34168 40862 44244 84070 89604 33388 78406
86681 32253 47635 19813 70242 61138 89547 37257 00000

11474/9324/7461 kHz, 28-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 28-06, 1200/1210/1220 UTC

11166 70202 79461 27038 01679

49734 30258 62640 26123 40193 62784 06804 56473 48887 37369
67229 55771 29565 53392 69007 65457 44379 71396 38756 13133
78871 31761 16728 66827 82053 98861 96350 26473 92526 35400
14655 69771 36569 36609 42010 94644 09134 78995 44622 25454
73701 63331 18216 75175 41908 56562 16352 80723 18904 62339
21802 53600 25363 74841 34443 13072 32105 95590 74071 94047
68235 17946 21618 46852 88770 08956 47162 71081 12666 43264
98211 50730 67200 68751 46666 82776 99631 08605 17916 16405
42090 29503 50497 45066 40621 30595 59768 18561 84331 32977
04006 67319 95567 74332 76397 56085 67069 38449 71345 09179
57028 74278 98516 74526 78003 84231 43096 18651 40613 86410
95659 69804 37949 80441 00123 51436 81662 71619 93179 73173
25634 33030 33699 71518 38183 10358 45487 17431 08758 99051
21873 32999 00021 48539 65544 84378 81295 73188 62081 43186
04293 74683 10608 33538 07056 05525 60020 06925 57070 28321
24216 12103 69476 50572 74761 52189 61304 39634 34440 46158
27690 47536 20118 36914 51005 38165 00000

11166 70202 16759 27039 02379

67060 27276 68572 54492 98002 93734 31362 79791 75687 10246
15207 09660 99240 04067 89476 31351 81968 01850 63092 42767
54858 40939 09765 22398 35036 05376 16767 16934 82595 03799
43179 76248 94238 31422 98546 90425 07182 83287 77883 08531
11748 10975 13960 43803 96079 39950 32812 94965 71434 89751
23420 38326 51471 64195 57470 70383 83981 03782 20163 05593
58504 17507 37989 59004 38251 36244 14420 68445 89785 54905
09435 35953 08902 55553 23851 93115 66120 28660 74358 20041
20259 34696 70225 72621 73504 73245 27601 97784 66426 51816
82347 41421 36369 71558 87351 78678 87659 72051 05241 21305
47071 02374 32450 81724 02978 10618 15573 98548 51635 69059
45938 53196 99033 77148 43340 32311 91747 09532 64872 15671
75231 01275 99794 94277 02994 87474 36371 48298 45090 39468
11623 39567 69359 64792 79922 98322 93865 63121 61378 08873
33961 55326 55938 23863 92415 27887 34158 61864 66050 59811
40561 67929 67315 24263 70537 41837 84245 82090 06715 63698
27228 09427 25741 71608 36030 26574 11412 71039 45518 20325
35082 80664 33495 76950 89307 44285 99121 68004 85636 63565
45326 56149 52506 31255 63664 13201 94172 69585 45052 67549
96612 03531 64822 23178 91333 23617 15531 17441 13038 17977
85949 09806 12065 78318 09698 18735 07557 09518 31934 48903
92293 97508 67552 75928 25110 15158 49323 80820 71861 70820
89405 51312 80856 29256 02688 92278 03701 59596 65367 12430
97484 90050 07238 79450 69265 39235 00000

11474/9324/7461 kHz, 29-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 29-06, 1200/1210/1220 UTC

11166 70202 64825 28040 02079

74723 65430 99360 12602 29882 62312 32876 43967 96960 05506
70547 54436 27754 91067 53093 24731 86488 18224 42144 65516
14070 04377 64034 80119 60405 40441 55254 35541 58224 53709
45503 21456 36840 70416 39271 01896 99295 95202 81899 89288
11319 49656 21051 95551 75539 37125 99522 39923 89386 25992
40350 18215 10129 68585 10128 63189 75468 97925 71499 50722
53147 69493 60731 31468 17991 40205 51336 92690 79832 01775
89660 79963 10750 10669 13385 33418 45064 81824 88867 18228
50522 38327 28284 54026 94110 34228 72474 72930 50938 92700
50466 60866 29619 26711 51583 61887 12599 34402 71092 50162
34859 86360 15329 99330 49439 46978 77224 03910 53211 97077
18187 32435 71347 49992 17261 17029 23914 78294 73521 09086
23034 93356 72613 55754 74053 44930 53398 76908 79146 32928

35636 47294 66804 48607 94633 13540 95635 87333 93808 00719
05926 00108 11099 88147 17378 76062 20161 59114 96499 73086
12281 54212 42036 38800 69958 82983 61925 89031 28079 73542
40180 36015 83627 64885 17160 83474 39866 71551 31654 30793
95935 75343 98214 53452 17789 23783 18192 51926 51424 39989
47889 86219 64326 73679 72287 38245 26084 47959 57773 69206
64090 81610 82308 64206 55288 91547 66481 81230 39883 05143
53866 46730 67969 37101 14148 40205 00000

11474/9324/7461 kHz, 30-06, 0700/0710/0720 UTC

10762/8191/6782 kHz, 30-06, 1200/1210/1220 UTC

11166 70202 54291 29041 01999
26875 58016 30558 05597 08181 11785 76888 31228 38952 42294
30588 94844 79400 90238 68248 20003 25301 99500 09354 79484
92403 82988 64222 28770 52514 46776 73456 97019 57169 52233
37331 27765 09847 20824 58558 86497 72648 11278 46873 77338
18394 23806 58871 35972 64064 11056 71536 91046 46525 00494
12900 11211 26476 57900 98265 79986 31560 46666 45436 65661
74572 62572 67382 78382 07699 48756 65797 31656 98734 20530
73951 50418 40204 54753 22322 92878 27338 23452 25395 78326
65827 76347 13110 38072 95305 02014 55363 31726 39490 22328
53016 95999 18917 99910 93849 18204 87216 63238 96890 51655
76857 79127 93559 15152 65306 27264 19073 43728 97527 56467
12528 82856 25772 27390 49132 43308 52593 71321 52982 58830
88012 19796 63861 13853 56794 84692 56465 33399 16746 93503
35518 52391 73998 09471 55198 06539 06190 91274 36318 11993
29504 71955 79700 25962 70489 61765 99175 05472 28598 04629
22655 06452 40395 42914 34697 90350 81354 70178 59026 30449
66198 76601 04422 35073 33699 16773 22428 29888 26905 54539
50316 66460 04703 64582 37739 49281 45668 95425 80514 98426
30144 23556 09973 90058 11470 53340 11312 41938 12314 42440
69391 36150 07044 57392 65405 96221 76063 41197 00000

11166 70202 89541 29042 02099
28022 53166 96967 33825 69701 43669 94672 21652 72028 04776
15039 35057 83943 23841 83098 15487 69087 76168 35892 25764
04645 37994 81135 12149 35369 75344 35269 63366 12467 57217
83096 77536 72034 66511 26197 72967 32732 07148 12281 03722
17386 30826 62703 65908 28197 31836 40305 05637 30263 83386
24771 64569 23074 13863 87697 24003 04693 46475 84554 33429
58302 50710 05728 34505 15788 79049 53836 16365 78077 87372
39496 63226 96892 62487 12741 80210 47621 05232 72266 08327
47985 42575 19695 64558 02204 67165 51054 67972 75324 27752
02639 37817 27421 18922 93463 74514 62346 43602 31484 59514
70714 46733 75770 34920 71816 43596 71829 48851 84145 91182
02260 77451 79224 76085 19920 59507 98420 17323 55812 04595
37435 07542 18855 60697 28162 41042 29738 52241 72586 02050
56052 24473 08434 11683 40867 55119 11236 57050 41960 19278
62514 50908 23878 18465 38763 95331 70013 09756 00919 47818
06891 95964 89012 13274 57849 62799 51673 10318 68300 73923
65197 85337 69765 59861 21839 72736 74860 61700 92044 24809
20433 15504 90284 59688 01024 88388 99195 00790 59855 02206
31710 06199 29522 05743 35853 11441 39580 81416 71919 34063
33209 97359 16680 13474 60159 40863 74345 84470 38141 94106
98945 07896 99863 38101 57824 06867 67913 42207 00000

F06a – FSK 200/1000

7476/6855/5249 kHz, 02-06/03-06, 0400/0415/0430 UTC	File 04430
7476/6855/5249 kHz, 09-06/10-06, 0400/0415/0430 UTC	File 44431
7476/6855/5249 kHz, 16-06/17-06, 0400/0415/0430 UTC	File 04432
7476/6855/5249 kHz, 23-06/24-06, 0400/0415/0430 UTC	File 44433
7476/6855/5249 kHz, 30-06, 0400/0415/0430 UTC	File 04434

20983/17473/15667 kHz, 04-06/05-06, 2100/2115/2130 UTC	File 04424
20983/17473/15667 kHz, 11-06/12-06, 2100/2115/2130 UTC	File 04425
20983/17473/15667 kHz, 18-06/19-06, 2100/2115/2130 UTC	File 04426
20983/17473/15667 kHz, 25-06/26-06, 2100/2115/2130 UTC	File 44427

12214/11153/10332 kHz, 25-06, 0600/0615/0630 UTC	File 04406
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X06 - Mazielka

11250 kHz, 08-06, 0758 UTC, X06d, CW	111111
14880 kHz, 08-06, 0813 UTC, X06d, CW	111111
12176 kHz, 08-06, 1017 UTC, X06d, CW	111111
10560 kHz, 09-06, 1051 UTC, X06, MFSK-6	666132
10550 kHz, 09-06, 1059 UTC, X06, MFSK-6	666132
23856 kHz, 09-06, 1117 UTC, X06, MFSK-6	666132

XPA1

13545/12145/11145 kHz, 1210/1230/1250 UTC

13545/12145/11145 kHz, 01-06/03-06, 1210/1230/1250 UTC

511 511 511 1 511 511 511 1 511 511 511 1
00817 00098 61454 39985 69018 33237 47124 79625 11031 24271
00798 47421 72365 10958 22277 62187 62433 85255 30523 19641
45865 78385 29648 09770 55562 33504 94618 51570 17156 89955
98379 07684 88544 04512 56782 43303 49161 45784 92223 12865
94789 46663 48795 57757 63004 93598 60681 86713 88951 03511
52476 41821 39244 86784 38178 10999 60847 39305 60759 13819
50645 69039 47445 32092 47819 67909 85103 08174 32417 75325
23601 54452 25002 08230 37745 23456 16499 52138 16067 47009
64793 61690 07397 55602 97819 65693 40350 37014 51922 03940
08323 17926 64761 92594 75430 04554 83941 26483 08751 46097
15124

13545/12145/11145 kHz, 08-06/10-06/15-06/17-06, 1210/1230/1250 UTC

511 511 511 1 511 511 511 1 511 511 511 1
00767 00102 64359 20162 68214 06310 31127 67736 59756 83221
58398 50639 66126 88891 72673 59936 87918 70275 17527 19490
42313 31359 95490 31087 55922 76970 50963 66106 74700 22929
22652 72084 10689 27855 32322 02448 99666 94683 32325 87071
86946 77012 53827 58334 37978 00446 97434 74000 95717 75912
11002 52774 88950 26374 72170 77735 24230 26290 05015 61707
98681 01469 25372 92891 65615 56641 89611 71222 51634 62005
10283 40694 87825 92972 90844 15478 04664 02130 32918 68003
46295 11166 92557 33193 53401 77406 22041 71895 89339 60535
14982 83482 86851 38748 41522 71029 88141 21070 40324 22115
95291 48776 85152 05717 77100

13545/12145/11145 kHz, 22-06/24-06/29-06, 1210/1230/1250 UTC

511 511 511 1 511 511 511 1 511 511 511 1
06028 00126 28587 80431 22998 10425 96355 68085 58609 02908
19976 15527 99361 16920 52733 13997 07778 73459 81301 23166
88229 61785 98083 32143 71467 68870 10923 64076 35497 81368
36511 84104 10948 44118 34308 53632 89692 62137 30325 04491
63860 92843 63850 24909 09366 15026 62858 63860 51599 53298
28238 06120 31881 17567 42995 91843 75814 81419 73367 75340
24868 70002 02114 39833 69238 30977 72195 28581 90874 90587
18162 85936 68833 72385 66240 53460 24576 99278 99087 63865
06519 14297 28156 25472 94001 90768 64382 41950 52416 84823
21567 40843 81522 79923 01593 94029 03399 41768 09155 08989
09604 11039 23287 50542 86430 74761 89303 46634 14266 84815
85818 20953 71836 64630 21396 11440 39833 09746 49372 50806
63757 64534 91174 49332 72001 66036 00162 30847 23034

11421/12151/13972 kHz, 0710/0730/0750 UTC

11421/12151/13972 kHz, 02-06, 0710/0730/0750 UTC

976 976 976 1 976 976 976 1 976 976 976 1
00502 00104 85979 47600 72796 89151 01152 06627 80064 35154
26380 03856 74517 57155 29515 21756 53333 82136 80238 17626
48044 41376 48737 26087 00349 36201 57848 78297 31411 25920
57205 08096 56724 41425 46416 23746 49628 22752 23979 81191
62778 65300 77466 10358 65130 35389 55976 77119 92496 18924
84999 05861 98900 38024 12242 01776 71847 25082 96609 71129
35107 48668 36129 03396 74686 54881 33257 92565 74846 81036
94022 81888 12082 29060 80581 66678 91556 50205 27882 01296
48731 09732 66523 55331 77188 35474 25723 58764 49819 77383
50333 32349 23794 18527 90278 07509 56355 98266 82831 17912
13697 72566 67001 52607 31203 15542 52470

11421/12151/13972 kHz, 07-06/09-06/14-06/16-06, 0710/0730/0750 UTC

976 976 976 1 976 976 976 1 976 976 976 1
00445 00138 85557 06613 26117 70722 67770 26460 28987 55606
32773 88335 02461 64420 82499 79380 61184 35943 55597 67578
92176 91876 38414 28054 99199 17635 15032 18782 02299 59506
27422 94340 82859 98427 07490 70617 32653 25351 57152 58282
61757 61602 52872 36024 55121 86851 22254 16932 44171 87775
86263 41267 10941 42634 51203 78687 62570 13863 77980 61417
08764 45521 72653 65171 36620 24806 66315 48278 36156 20530
58132 07907 34181 41216 62332 63142 38358 20579 33081 33402
91060 27273 59352 40396 27462 27510 13929 18761 27521 36997
38339 32295 20895 38767 99612 42263 62151 17000 99211 70343
61707 45979 76241 81812 08053 56124 65042 77016 62194 06202
80180 66582 20716 56268 18426 35046 05748 06566 73145 92345
03665 79442 07437 77681 54320 27491 33663 42113 24073 97786
14595 50615 69180 28795 22325 87243 94143 33340 80343 61506
04761

11421/12151/13972 kHz, 21-06/23-06/28-06/30-06, 0710/0730/0750 UTC

976 976 976 1 976 976 976 1 976 976 976 1
01694 00126 81105 81520 72978 15839 76267 44573 64854 09457
34061 12905 78339 15532 73156 07325 50149 37907 76119 66606
81561 20644 21279 82727 26835 68824 46428 82615 00404 40660
06290 06410 40417 24929 74346 41312 22588 48079 28247 09477
70733 99580 22941 97823 45795 18693 24094 90903 69769 95438
90110 22087 03839 30645 80813 20769 06744 07202 95101 05209
84543 11901 71849 50177 32464 76522 00688 50538 65257 51900
93989 69520 72082 37962 06054 61069 44356 85688 29748 36337
67519 71276 33488 32894 82603 52807 89737 08242 36381 77786
73597 83842 57491 89146 75545 83301 01776 12817 97761 00249
96315 18972 17009 25273 86050 62381 01845 08171 88518 12382
07519 60508 94152 57576 55096 82900 01696 69677 33205 82747
05534 30563 87755 91068 45689 46246 53466 10167 51332

XPA2

12148/13448/13948 kHz, 0700/0720/0740 UTC

12148/13448/13948 kHz, 01-06, 0700/0720/0740 UTC

00202 00108 79066 19085 13483 83833 60972 02416 35076 87102
54597 22829 72089 75341 96454 42753 67540 21142 75045 49291
25719 38573 23119 59759 60662 75362 28533 75284 54580 20364
52047 40202 18742 46270 66277 59260 21904 42839 17990 85683
95826 44206 88034 38483 40219 21769 44189 41080 01340 49773
32519 59639 00907 94075 60483 55368 55188 39304 48538 00935

05605 10467 92967 10656 79964 92157 32598 51883 91458 85779
46654 52760 69770 98173 51739 56232 74212 87847 55255 13528
92832 38285 33955 02366 39385 97529 84953 78312 48956 94512
53339 92833 31714 61850 04115 65723 28712 46615 70288 69029
33981 45353 42264 80787 11071 07345 88528 98495 18782 43002
41220

12148/13448/13948 kHz, 06-06/08-06/12-06/15-06, 0700/0720/0740 UTC

00785 00126 96188 15965 39727 56749 76190 88947 99804 12564
02962 78602 54375 93749 00518 22754 63033 01978 34729 06779
51008 24001 06072 98264 44106 13303 65667 18692 33245 16483
56456 67034 38756 17832 12571 70998 23926 06154 45444 34217
99586 18894 00178 11508 99430 24629 13745 30663 47240 44059
99366 60094 09327 30937 94656 46548 32244 61900 76064 12400
83443 83687 01536 59433 18298 07542 83448 30288 55919 68449
64974 67056 60376 96765 12216 66373 02946 20761 64689 13103
40706 95970 25823 90612 98526 77326 65399 51856 43712 97676
21576 39065 64352 50107 50555 27378 94891 17091 84499 97681
12968 24361 47037 19553 05244 66529 78685 76180 87544 13778
62408 77822 72870 86668 06750 53619 73112 93846 70630 17865
99660 33078 33512 61780 16769 16178 73174 80481 11347

12148/13448/13948 kHz, 20-06/22-06/27-06/29-06, 0700/0720/0740 UTC

00818 00138 00493 96416 55612 15176 92655 36234 06746 93310
12016 10035 79301 85281 88976 62091 72912 67632 43273 32940
99134 71275 15115 24558 47118 05200 19489 35089 87129 39999
27265 52127 94321 27360 96531 35984 03043 73329 79638 33744
70481 22710 49514 35358 02768 03804 05889 26916 85811 29099
64751 35355 30358 29972 93728 00085 49325 44860 82056 21490
70329 37884 42143 98563 95674 84858 81809 05329 57054 93708
39167 27292 33147 56196 80590 87610 73065 58043 86005 88552
84131 29594 89568 11675 17229 31588 97892 76554 08166 63482
99941 83500 11930 99958 54753 67609 96775 00567 06237 54364
16259 28646 34279 96110 22473 96492 75073 78529 46307 45221
80670 40405 09413 72083 79323 92549 84038 50614 60607 33163
41857 99818 88038 95194 58030 16040 48454 16443 43534 46535
24413 67345 57993 42803 37423 85616 05477 56512 86048 75351
20761

17417/15812/14504 kHz, 0910/0930/0950 UTC
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17417/15812/14504 kHz, 01-06, 0910/0930/0950 UTC

06944 00159 03278 78664 27880 83171 54532 84494 55585 97572
87808 63739 94401 02035 29453 41229 11317 60071 71858 58566
23446 28404 03219 86220 54038 85876 73032 36523 81135 80783
82288 22286 87826 80098 29041 28513 87878 23850 66229 72922
41082 23106 70998 72500 55511 59908 00638 87871 58680 18831
63021 60990 94967 27255 68880 68306 62833 58362 26881 80555
36832 35332 59525 03303 41381 29516 05786 80636 43570 38614
82768 44030 92200 37586 03306 78128 66387 09766 07224 64093
03003 56506 85366 28000 62288 47318 53335 99296 32300 38568
40142 67007 02510 78015 73317 78046 74655 41406 20850 72747
19162 65063 52061 53322 11633 18830 59345 38859 69694 30115
70243 05941 82304 00659 59634 75630 21782 12944 03825 91833
53694 82813 77915 04482 37278 54517 60476 49264 57843 11987
85314 20668 89006 56356 52128 67332 85876 45187 63795 84698
14029 55511 50421 47853 31601 18954 96412 75759 12120 54253
29237 21279 10997 87288 74684 71698 72095 67685 88277 36075
63941 76256

17417/15812/14504 kHz, 06-06, 0910/0930/0950 UTC

01106 00001 00000 34651

17417/15812/14504 kHz, 08-06, 0910/0930/0950 UTC

08521 00001 00000 34262

17417/15812/14504 kHz, 15-06/20-06/22-06, 0910/0930/0950 UTC

00606 00100 78709 29320 22203 31542 83591 09085 40030 43754
38662 98239 18673 02999 54673 80324 54156 54074 24700 10916
05067 14499 82942 61655 10342 43576 91961 86020 90721 68888
42223 43390 50985 26724 63298 10134 07816 94504 90492 27630
18529 50104 59462 35245 26994 97952 16957 43694 20677 44415
44705 68737 33028 34226 47036 96183 26135 03668 70716 64846
82108 27406 54365 42406 76322 33349 06745 22447 71993 32389
94229 92849 13379 39965 96191 92078 59170 72625 27343 12683
12399 10285 15068 26094 56110 74413 45323 31585 30192 25081
07616 32547 41042 01841 49242 19061 68079 23498 28755 20806
44845 59182 35527

17417/15812/14504 kHz, 27-06/29-06, 0910/0930/0950 UTC

01548 00130 01750 13013 97436 04741 14020 43217 10423 54258
64276 78431 62820 45589 83928 98173 42729 90570 37658 44810
12482 87362 93550 67796 42872 91498 45384 20755 58926 53268
59777 50049 63396 69510 61223 60663 23042 33280 66211 02066
67056 39962 31053 33516 67406 00457 97963 58686 87080 26572
94328 06934 84778 93660 49864 09424 71435 58667 90438 79217
31733 83819 02135 43726 95848 47899 19112 91659 75721 47774
94915 08777 18333 08327 53650 35152 26735 81790 46631 26644
87611 63404 60609 05601 63494 19504 35644 25625 54660 26179
78761 11641 04209 68001 91062 03229 78650 90860 59502 98655
57204 55664 69241 12930 08198 03926 72481 91853 43500 20843
67977 56029 38401 35177 80599 16012 39212 88471 03403 49858
05889 33260 31356 88339 03556 87209 23414 91940 99626 68691
08570 72861 61723

15982/14982/13882 kHz, 1100/1120/1140 UTC

15982/14982/13882 kHz, 01-06, 1100/1120/1140 UTC

08593 00001 00000 35271

15982/14982/13882 kHz, 02-06, 1100/1120/1140 UTC

03945 00001 00000 40257

15982/14982/13882 kHz, 08-06/09-06/15-06/16-06, 1100/1120/1140 UTC

03240 00109 10646 43057 56477 41268 10146 85291 46064 64141
35893 67142 25407 94797 99991 50602 93692 82431 05939 09522
21521 42228 66170 73461 24719 16448 53793 35164 31994 37874
83812 67531 95774 15229 75821 38825 62327 02512 16971 25537
21074 26747 98740 97655 91790 72548 12879 71555 39669 76005
29475 48909 31754 44931 06401 48194 55129 57123 34684 17054
38930 95177 82177 98719 73476 90944 11404 66730 04187 93720
67464 27341 79417 49813 85912 39017 87622 56103 22002 14864
55373 75889 99839 99234 04355 12637 37470 20396 35161 24687
40889 09079 58202 74364 73183 97793 79693 22299 40464 24958
53334 32220 29642 47710 13716 44918 71914 53779 42373 01855
62362 31436

15982/14982/13882 kHz, 22-06/23-06/29-06/30-06, 1100/1120/1140 UTC

00418 00125 78707 37850 25856 70901 55738 62852 08901 11122
12350 95301 08566 48089 87553 77171 85716 80440 64703 44995
46352 78395 48455 71483 32503 06500 39566 07167 78083 22239
37193 63603 16385 29372 50026 37771 76010 40335 84007 51100
77837 88817 46442 61963 71289 83695 17336 86045 78013 88472
01707 57250 95515 03663 46256 33116 28335 89351 44494 19044
67600 57444 93551 37478 58777 07715 20052 89341 28707 00082
76634 27766 31006 27740 73871 76200 20054 22656 92266 87174

22761 03939 61551 00011 75570 65588 47887 55850 06638 95772
50857 56676 78157 25262 26288 30032 08200 11179 01337 08668
45025 06258 93100 99288 18507 06880 59112 74400 33662 95124
83349 58855 75338 33819 49900 87251 33569 30804 58834 07618
04091 11131 99140 60054 68999 62664 63318 03415

13462/12162/10223 kHz, 2100/2120/2140 UTC

13462/12162/10223 kHz, 01-06/03-06, 2100/2120/2140 UTC

05887 00214 62865 57662 99718 99333 43002 40761 40701 99622
62018 26439 30841 13860 85348 09150 86003 76558 63243 00186
17198 91347 18594 69160 70628 52197 25776 48593 38287 18887
48613 87380 63616 78321 71792 86857 11407 19920 94653 13878
89427 71764 76174 26988 72907 66566 67951 64004 93144 17182
32463 52630 56566 79442 41795 00480 52751 31805 73245 68013
51263 68132 97822 28005 32963 46147 84482 16509 83846 68225
60901 97399 15540 37787 55763 04549 09313 19351 12058 56622
80611 06746 71641 33092 68274 49370 32746 55527 57566 08355
42218 46033 01144 39520 74750 07786 73458 59512 12539 29367
95388 74285 70740 75724 49559 36364 75544 95898 72324 58948
37202 63673 25635 01780 32098 69018 72943 13441 96367 62013
20337 58118 75449 94762 85799 30712 23153 88773 31039 65301
95146 14807 27405 80573 68778 07734 30835 32601 60353 66266
16669 05687 19762 09144 05150 53785 71456 16371 70298 44561
15558 37658 45735 43516 83455 58988 09690 67968 37825 90441
08877 01174 48382 22315 89467 67757 92842 46348 60487 88223
32085 03841 15212 92508 12747 78946 65186 15356 20990 70979
56138 93964 67559 77253 59380 59268 34993 21438 37660 18957
94074 71489 75567 69271 17308 57128 66865 92534 48113 22698
19979 43056 20584 00445 59425 15891 49426 66956 12027 10751
69057 71369 37129 42611 60103 37030 32371

13462/12162/10223 kHz, 08-06/10-06, 2100/2120/2140 UTC

00553 00186 65665 09268 63980 92198 85432 33639 69169 81133
30288 54988 51331 31813 41648 80752 07265 03503 51758 13785
48628 92220 45361 33170 92481 48280 24485 05377 69208 27121
80206 31479 81298 28855 25814 17924 11083 67410 00846 38149
09147 43144 62608 57795 87305 22260 07514 23448 22381 86278
13059 12005 26657 43809 94910 00852 66477 32231 30416 58358
25378 89267 67475 25838 57378 68240 27586 08305 49081 63475
07144 47221 22958 07901 04139 94840 31715 04240 28023 61720
47661 93271 34606 69280 46951 57956 10159 14942 52342 18103
46160 84353 10592 35955 93074 96195 17560 11143 13537 30858
90816 08662 86006 62676 50927 35659 35067 85058 37024 61235
45552 17557 68776 81588 72605 63346 22852 82515 95767 82401
36595 78423 98726 65766 16867 99263 38449 38164 37854 33590
23064 86569 13793 47823 09485 73980 53722 21994 43531 09322
74524 43348 49478 68536 80619 80638 60192 12590 10410 44742
79196 22010 64931 73347 99897 69638 20382 07485 74152 17960
43080 96220 22104 75954 05086 55333 88387 28447 30760 81953
90544 68645 36608 62365 82063 38905 83722 55426 45529 55012
90371 05413 07414 36807 54933 48266 02055 59447 17613

13462/12162/10223 kHz, 15-06/17-06, 2100/2120/2140 UTC

06282 00096 96121 48284 09526 02290 06430 73175 59750 78902
32495 53824 12228 90787 72872 60690 67263 83391 23089 76752
95810 11664 83240 28050 35431 52365 84541 17756 50281 61910
13166 31280 33470 64576 61507 05354 98069 39581 54698 99175
66498 91428 12449 73318 38292 91531 99046 45476 21261 88590
64193 01537 21575 84760 95791 89816 63609 59911 02126 34227
12184 61519 52814 25022 59872 94672 94362 84717 25785 71126
78257 07010 43265 37332 09231 74589 42355 44937 34512 66720
93203 18383 02825 39621 87706 15507 35987 89069 92890 97891
00155 53342 99850 90535 51789 64145 01638 88771 51565

13462/12162/10223 kHz, 22-06, 2100/2120/2140 UTC

09096 00001 00000 34272

13462/12162/10223 kHz, 24-06, 2100/2120/2140 UTC

05959 00001 00000 32262

13462/12162/10223 kHz, 29-06, 2100/2120/2140 UTC

02845 00148 27932 64850 79330 39016 99874 11064 25668 63467
93854 21675 62910 08659 63056 01067 84988 86924 00036 23088
45164 06954 29894 35524 64518 58731 05480 02453 85648 08183
88297 36300 77395 30957 11377 27880 86252 02400 51225 24377
15746 39893 34238 05607 42555 30608 75340 14245 61144 35282
46712 73459 60077 32722 64980 89706 52908 22634 26992 77961
34287 95421 46872 81207 49235 73824 55066 10204 26800 60103
88460 63831 56526 25547 15771 98182 18002 71281 85094 95675
11578 40645 54273 04710 74326 25460 81589 62078 99252 83970
83098 54284 35396 94905 14161 98567 05535 16664 66735 99483
79593 69539 25484 24794 97101 34845 03989 53582 05855 05005
39108 98450 18787 48133 92953 97733 68690 54582 54650 29971
15836 45866 21347 73310 93512 56376 73246 77423 13664 16740
12640 55751 05126 10798 43020 20945 73146 89737 47569 20255
41608 08853 21900 57170 76734 00545 01340 42662 18668 51651
12043

10315/11115/12215 kHz, 0500/0520/0540 UTC

10315/11115/12215 kHz, 02-06, 0500/0520/0540 UTC

05859 00001 00000 41662

10315/11115/12215 kHz, 07-06/09-06, 0500/0520/0540 UTC

04980 00401 60423 80300 00958 99516 49474 69725 39063 06540
62594 26755 77204 69160 79596 92066 92986 81926 46841 11755
02719 43914 59510 82379 06447 35352 23000 67520 55456 34897
98643 22468 05159 13001 98763 78032 84220 40095 37791 07417
78257 88493 47644 56453 40447 13698 18827 71533 47000 72603
08760 31821 79416 57008 79089 69322 15027 62113 37455 90107
35825 71952 49267 60018 62886 77610 02279 51175 35010 29471
73478 55019 42532 91336 87690 42921 17905 83545 43046 75526
23420 20876 88631 88271 36961 32841 31351 33637 97904 96532
86722 11025 12268 66155 72954 30048 95978 64022 95629 21010
33427 85039 49027 53402 99268 49270 52588 75334 28208 77485
10431 64039 08586 89038 46169 50110 88305 35123 77053 67482
80803 70281 51095 31873 37763 89259 81437 89141 43548 16758
04177 66944 59743 19643 06301 89732 01234 86295 61214 02804
03309 10584 33960 70737 76930 87789 09365 26022 37606 05298
06585 26248 87428 14367 83683 62960 08844 03182 65284 26127
24044 78173 46766 42260 20154 58052 94700 46097 00392 05637
36318 14884 34229 76590 56475 17994 22869 95358 73046 79964
00998 57005 31301 21223 98623 44054 49807 38707 75634 63273
45460 99341 96355 68256 45367 71861 29829 18006 99603 80410
74524 45908 97123 78763 68195 41012 89999 46929 60190 67453
04143 21090 37886 18344 23623 31937 48272 58986 39926 62040
27160 55199 86053 86040 88360 67339 19159 68863 46666 57829
03474 68633 91228 80315 34208 74646 06343 36955 65704 63149
19752 98943 69913 12513 04209 17704 79197 07180 37825 45433
20538 59273 72994 25064 48745 38536 46247 68798 33121 10646
96233 88851 55258 19061 55240 27162 10017 81526 49215 94966
61837 67290 75736 96506 24644 58678 95184 39007 42448 12499
14540 37574 14869 90298 45597 96303 81505 23525 87628 14266
70824 50539 53570 32031 03187 17323 86235 13389 03186 56387
00063 61754 00934 76467 08709 80318 69631 75051 37021 01627
31614 02882 94784 26419 14335 41874 17615 04262 64750 47996

79909 64627 41061 46032 14467 69530 49674 04260 36372 58308
56749 07200 57244 46206 67383 32590 27545 29501 10711 60257
06601 74310 78233 18457 01366 05488 38501 57882 96940 42278
48154 34712 54877 98998 57857 43285 42119 55753 36754 06275
59062 75448 81319 63492 27294 95455 58485 66928 60938 93966
11304 52832 20389 18925 60592 57562 32662 27393 16731 40238
46472 26726 02881 69043 66280 04706 76250 20545 15506 04186
27817 39764 48296 89083 92123 79825 68715 38687 65840 63062
84023 18039 58024 63026

10315/11115/12215 kHz, 14-06, 0500/0520/0540 UTC

06286 00001 00000 35266

10315/11115/12215 kHz, 16-06, 0500/0520/0540 UTC

07343 00001 00000 34263

10315/11115/12215 kHz, 21-06/23-06, 0500/0520/0540 UTC

00364 00080 23394 00895 84154 46630 50754 30345 06487 61292
67404 43166 88576 89524 59553 26215 08250 77062 88505 70704
60812 60371 62450 17248 65594 89468 38113 76045 46558 71816
57644 75215 35715 88863 14022 70978 00857 69879 02809 14552
04033 57507 08384 06262 20453 88118 28088 15480 34445 00213
22012 23392 60568 71026 92212 39295 64835 48652 27129 33667
93549 88547 79425 96511 87440 28092 17168 05369 38776 09086
11141 01280 04033 11966 84237 75476 13037 26312 88077 89347
86337 14002 91442 56296 42016 29886 36543 99332 52539 02526
51285 85521 46443

10315/11115/12215 kHz, 28-06, 0500/0520/0540 UTC

09221 00001 00000 32663

10315/11115/12215 kHz, 3006, 0500/0520/0540 UTC

01772 00001 00000 35660

13527/12227/11427 kHz, 0910/0930/0950 UTC

13527/12227/11427 kHz, 02-06/04-06, 0910/0930/0950 UTC

08150 00087 68704 84500 87609 76495 78842 97063 37551 73786
44759 54446 79219 14288 16970 03526 91783 82768 89525 43033
28046 65527 81090 36715 73550 21876 29158 29084 65242 86372
16331 27559 13388 02498 14731 59619 99593 93684 33359 50208
63465 12462 36462 51337 38673 69270 30478 47834 74637 29664
06398 25320 68756 01252 08273 05955 32061 00906 77406 33504
49279 80643 40434 01698 29901 04773 03134 01138 22334 57702
34634 33840 88439 91356 56394 98292 13947 79412 71339 27518
94052 88658 71827 85754 08491 88877 51440 09211 49902 53726

13527/12227/11427 kHz, 09-06/11-06/16-06/18-06, 0910/0930/0950 UTC

00654 00114 70655 13337 80913 49168 91101 88704 33137 60225
27745 87873 22958 34093 17998 76591 61006 04431 15016 68967
17431 87033 10786 62598 04881 08600 88570 44629 34698 70505
97543 05987 29608 95537 00813 99374 30532 47498 95666 24933
94160 69172 88857 88480 12845 96035 12401 29793 33553 23497
34190 12427 81548 94338 08721 74974 17371 89607 28995 19214
57362 57920 79320 51562 95401 97103 41905 41562 48451 04527
07159 25763 92017 13417 49815 59087 03845 73435 92610 62010
74824 62578 60601 01724 90125 17943 36946 01477 10201 20747
73728 35425 38205 33826 07632 21154 39475 48462 83171 05147
35187 25955 98720 05114 06560 53984 90920 75313 96284 00071
54828 76030 23566 24674 58248 53720 24147

13527/12227/11427 kHz, 23-06, 0910/0930/0950 UTC

01500 00001 00000 33651

13527/12227/11427 kHz, 25-06, 0910/0930/0950 UTC

02116 00001 00000 34653

13527/12227/11427 kHz, 30-06, 0910/0930/0950 UTC

00826 00128 85887 46709 91826 63308 44523 42117 52898 48510
98394 16662 57737 57481 70949 34872 36511 43447 16585 52943
26830 00644 89059 13560 80598 62791 65831 61736 73535 91535
32676 82513 82247 50429 63572 38845 07794 64503 66337 37414
51188 71822 92089 47849 68321 56959 92176 07380 72206 55966
45553 59039 94836 76087 71066 90074 48842 42377 59320 76691
37708 89441 03941 35601 15752 65753 53438 39502 82737 79392
56531 55124 68309 92034 97918 17430 84124 50028 86657 66207
49337 09499 14174 03553 56448 11645 83809 85966 72571 42998
78143 27733 52246 36613 21119 19469 49811 59200 17299 74299
07938 60886 64074 26241 48565 11939 79286 01476 43443 11572
92853 45542 11296 50903 79923 34535 00951 17824 46248 06271
29039 76955 00620 65720 80209 41267 25236 17263 99362 54054
24331

13417/14817/15917 kHz, 1600/1620/1640 UTC

13417/14817/15917 kHz, 02-06, 1600/1620/1640 UTC

07733 00001 00000 36262

13417/14817/15917 kHz, 07-06/09-06, 1600/1620/1640 UTC

05786 00243 56108 93755 84955 07970 70173 12134 29271 70767
39642 80210 42455 88252 41609 50567 05235 24680 40002 98418
66875 33376 81970 13312 00070 04292 74368 27111 82670 78280
89763 46112 34136 38993 19683 30461 66972 56862 55013 52809
17402 62688 82337 67841 38698 42845 09852 77609 39914 14640
90950 95764 33957 64501 12905 32045 03074 79160 99349 77374
61225 55007 26800 24793 41446 42667 04983 95571 85558 13158
57970 56283 82195 00155 96335 17630 85226 78862 37566 13405
13560 05165 10497 82645 57594 35794 48452 67095 60909 75438
94142 97760 43288 31873 64227 53416 35617 77182 16575 87054
83099 48811 50710 78144 30319 81200 56942 43626 86119 84596
15798 69269 91269 04275 47273 30942 04511 58541 92572 95931
56317 60892 56610 44442 79163 48319 38895 76987 76793 47702
58742 90665 58772 48095 98554 31211 58512 76268 40637 94406
34816 99600 86125 90374 73665 81212 91701 36724 42641 76577
51341 02600 74351 38596 58523 88341 05260 20446 66267 12365
11930 12162 16995 35745 85737 09488 68881 03150 02228 56308
27242 07894 74400 04613 03935 21310 52938 07043 52606 85175
14761 21643 01605 38483 10332 11673 43409 69610 01945 58319
11966 25979 37133 12548 09101 85707 02040 27332 92260 93038
11015 72045 92890 27752 65157 30988 31435 95733 97192 05795
39648 24579 77734 78832 11655 84690 63704 03598 56465 72229
84878 69516 65864 26618 01494 11471 69210 05133 43139 22875
48620 39491 19288 25208 25823 79205 85600 05757 58790 50993
56673 47749 76626 48117 18532 30246

13417/14817/15917 kHz, 14-06, 1600/1620/1640 UTC

03179 00001 00000 36262

13417/14817/15917 kHz, 16-06, 1600/1620/1640 UTC

03807 00001 00000 40653

13417/14817/15917 kHz, 21-06/23-06, 1600/1620/1640 UTC

07482 00236 77508 67085 52974 57212 50793 22404 70642 86362
00520 05673 65061 91200 16533 33017 88765 40225 22045 91316
52946 12810 95282 47113 05094 17867 51648 75877 99905 28695
66771 97025 07459 73576 87620 19496 93081 34468 33977 31307

12364 55091 34794 97507 17800 64494 77601 10251 65141 75360
00881 24853 26466 91325 84326 68770 32090 92547 28110 84635
15222 01698 43810 17565 18425 26500 66940 28355 11689 30730
95894 60389 89992 52720 80290 28883 38724 78800 23939 52118
31618 60767 36377 97414 64728 78147 91788 71805 14115 94118
50104 60809 43270 32724 18948 01110 60810 75893 08947 56471
50635 98604 41890 95358 31601 78913 46478 52064 14460 87343
00231 89314 40749 59384 64581 00450 68907 15305 31733 36857
03659 56818 42182 42930 14745 40979 14325 95254 65298 11512
61957 54852 81865 64742 71016 53737 08599 83781 87820 35112
55689 29132 61478 82034 00176 46472 14508 53359 69743 46292
70320 80729 17566 61222 99719 12984 24801 01519 85113 44847
95852 18074 97381 89677 81625 60212 93451 16254 84592 18920
87161 32570 77013 24608 17397 47754 49330 00643 40648 42687
32885 82848 82794 88596 04197 21036 41349 53858 40873 93282
32266 36188 98961 47560 82256 69421 36151 99751 57291 13025
85126 54148 00033 48973 00686 63112 91265 82538 96118 89081
34147 53752 38961 20061 93357 36895 71354 46167 98473 02298
06934 71497 32266 53835 36023 01884 97084 90790 94327 58482
17216 67455 43148 32257 54072 41979 57454 35276 43543

13417/14817/15917 kHz, 28-06/30-06, 1600/1620/1640 UTC

02410 00054 47106 87478 68284 55940 17532 81148 44278 44600
05158 79477 74002 96103 06508 11534 61198 38995 43436 40211
02421 64038 24020 54679 83016 02672 53872 39212 53828 44764
16945 71311 50960 53108 14028 09945 71675 69666 25662 19444
20910 18927 90124 82948 29339 55300 00841 24241 02314 15625
26286 05072 67169 71767 74223 74952 12644

15874/14474/13374 kHz, 1100/1120/1140 UTC

15874/14474/13374 kHz, 03-06/07-06/10-06, 1100/1120/1140 UTC

00821 00094 15817 21400 10176 69875 54902 40244 56931 40648
80221 90667 47664 87344 88910 98791 04432 08149 20299 84857
04129 44889 17645 94736 90181 12581 21389 90788 78055 49867
99730 16481 61938 86632 53316 69158 18238 51984 79497 43036
50692 49888 60087 99021 58517 25021 96634 38776 12864 97655
77469 09859 86192 01599 32778 57338 31469 76455 42902 30548
32223 48684 33690 85075 36173 68674 93528 35900 16342 11164
24600 87684 69567 07853 82411 71946 20311 36634 53810 58057
38875 83215 87182 34150 15302 93232 99942 71977 15329 57893
79097 53485 19946 60822 72056 15971 07626

15874/14474/13374 kHz, 14-06, 1100/1120/1140 UTC

02462 00001 00000 34260

15874/14474/13374 kHz, 17-06, 1100/1120/1140 UTC

02306 00001 00000 35652

15874/14474/13374 kHz, 21-06/24-06/28-06, 1100/1120/1140 UTC

00833 00195 25128 38147 33901 28633 80649 32564 44296 80251
61685 96842 91363 97723 75727 98243 12679 81567 99268 47903
53416 96034 91624 05493 37774 54013 15136 33584 15598 77225
63247 29296 79715 78533 62320 30558 02664 69976 56798 40964
25592 37189 54203 89778 22490 27025 95341 55263 67674 79664
74261 79575 19135 33457 32799 53329 32505 66827 83715 81628
84411 77050 17707 91976 56939 75640 78557 49799 61931 47538
65339 40252 09372 86085 37490 63218 83718 67687 64003 07888
46867 95999 67419 73178 01815 83979 22461 14038 63842 57514
48052 14266 86122 46871 32423 94991 13491 39537 62219 10079
10525 44119 90595 44122 74472 62394 21380 27469 77534 27485
16328 02553 09766 71371 56907 95879 75293 62028 96934 19692
16247 94120 18087 84407 18799 48261 31657 25803 40546 49467

22378 70843 09383 45299 64118 09753 96801 04865 93691 30981
96919 98922 00022 90456 28315 15933 98008 82446 11133 69984
36340 96030 35789 99564 83238 27976 41196 40263 36274 51406
21696 52652 14421 63961 10168 92814 93736 76937 11297 36242
32146 55963 81172 90526 59908 58891 85874 26645 74699 69665
81128 70044 65188 03373 42933 07109 12894 86074 55296 55440
89832 49689 39615 77923 61130 23120 93241 67613

14892/13492/12192 kHz, 1500/1520/1540 UTC

14892/13492/12192 kHz, 04-06, 1500/1520/1540 UTC

05664 00001 00000 36263

14892/13492/12192 kHz, 06-06/11-06, 1500/1520/1540 UTC

00681 00317 28547 45991 33768 87580 61444 32645 56890 97151
71214 61665 03156 06209 78931 77880 77872 95877 88875 66945
16768 81600 64742 45197 94849 31987 24317 13322 07516 53523
17128 15752 82571 04039 99860 06402 85437 62695 85306 09583
66523 89428 83188 22730 78893 32767 71278 68698 84155 13230
35023 05165 90279 13414 98047 05822 63144 65656 65598 78148
93565 22895 68301 33153 96832 97624 24645 09078 31030 53947
10989 96239 47616 52805 43997 34799 39510 94591 66338 98377
98111 92879 31729 04950 50473 62712 81831 54652 54789 62683
31724 39897 19771 38150 00411 36520 56131 07803 44091 27086
42306 32949 50435 47895 79188 76451 56691 74559 29984 49088
88904 08793 90288 53809 70160 95119 18790 13260 50847 83567
48242 41534 65581 66432 69686 30316 85369 39319 19092 50888
95269 36421 22744 07314 87729 36334 14497 29517 42292 72251
82207 85517 46954 95725 89479 64996 03880 28384 02106 88922
19977 83452 84464 50654 54061 69221 05265 63105 73320 56090
62212 36943 64959 32207 64834 56902 26570 76039 32643 81868
87097 10031 79921 42597 73181 25761 89663 09389 40894 08099
51301 07574 36063 53324 58099 03051 65496 38968 38685 57576
11944 29410 86922 97995 16974 93257 87260 05890 01679 01002
93012 12414 35989 45505 90408 12461 47088 38737 45449 52404
36950 39758 24903 20606 99405 21125 60520 22432 91055 17052
76501 76460 51034 21585 99710 83518 59679 21684 13771 84587
59646 92059 53505 45106 51361 87427 89964 38634 42235 73539
00577 70384 52262 19396 05708 79603 03332 78898 69105 46602
26700 96785 86021 65840 76537 44381 88346 59362 46216 24206
15039 28772 51045 10307 73374 33288 07699 82765 62651 42352
91360 88550 68751 79697 54316 83363 54740 45276 57259 69871
72615 14735 77228 92532 46379 49893 23607 14879 16880 63657
21825 78340 16307 86983 29922 05164 17733 01017 07782 22946
83252 91244 50746 58300 83543 38561 15680 16157 72147 57230
39330 89343 35952 17124 01035 10543 68866 96212 55205 32031

14892/13492/12192 kHz, 13-06, 1500/1520/1540 UTC

02135 00001 00000 34255

14892/13492/12192 kHz, 18-06, 1500/1520/1540 UTC

08110 00001 00000 31661

14892/13492/12192 kHz, 20-06/25-06, 1500/1520/1540 UTC

00624 00145 93205 57352 28880 95430 41600 45981 25578 90954
92829 43127 61117 56204 61961 72092 39137 97875 87240 78282
99736 55291 40262 57396 19109 50683 30785 83004 11562 62175
51024 99642 73890 28730 59599 42392 26656 81420 58711 76697
93164 53847 80929 82543 39560 80393 92590 04775 26816 30308
01504 36838 61413 37933 85993 58142 62272 38650 04875 83044
46479 59475 89588 61415 12319 05037 25960 08580 37413 51884
37733 84026 81902 23037 94720 78378 90888 49042 92161 09262
89185 63461 07335 79722 04417 05094 66052 09999 19559 22378

84006 95330 73959 16387 03300 38359 41393 72652 16119 02270
34633 98413 89314 17322 84835 56505 34847 59524 96775 09231
22022 11705 70880 46462 82593 07862 88884 24081 57778 18416
20244 16693 75666 17255 17308 09611 31519 87788 88400 88967
16833 68888 18033 93230 64688 55089 57905 79962 78844 55936
31282 44249 82636 56836 00244 72890 13516 47474

14892/13492/12192 kHz, 27-06, 1500/1520/1540 UTC

03074 00001 00000 33262

13373/13973/14973 kHz, 0800/0820/0840 UTC

13373/13973/14973 kHz, 05-06, 0800/0820/0840 UTC

Null message

13373/13973/14973 kHz, 10-06, 0800/0820/0840 UTC

09179 00001 00000 36270

13373/13973/14973 kHz, 12-06, 0800/0820/0840 UTC

05299 00001 00000 36666

13373/13973/14973 kHz, 17-06, 0800/0820/0840 UTC

03303 00001 00000 34253

13373/13973/14973 kHz, 19-06, 0800/0820/0840 UTC

01290 00001 00000 32262

13373/13973/14973 kHz, 24-06, 0800/0820/0840 UTC

00806 00083 38766 83383 06663 83886 55480 78282 67167 88688
00370 70838 28073 66753 47688 26308 04438 85849 88442 55550
01949 45738 73371 57153 55652 79537 00562 92682 11029 97530
68543 90463 40038 66523 34878 20303 46533 33523 20626 60320
00805 45828 38235 52800 22000 38035 60033 03280 88308 80520
00678 00214 50236 38550 08786 75644 58232 72623 18087 20668
63381 96672 42584 80110 68088 63063 06888 68931 88650 49527
12053 05048 70535 26820 50506 62250 26537 78300 32367 00003
83060 02260 63380 28838 40698 25640 53527 78002 36277 20834
68387 76802 86662 03805 30571 70070 00570

13373/13973/14973 kHz, 26-06, 0800/0820/0840 UTC

00806 00094 39766 83493 17664 84886 55491 79282 67167 89688
00370 70949 29074 66753 47688 26309 04439 95849 98442 55550
01949 45738 73371 57153 55652 79537 00562 92682 11029 97530
68543 90463 40139 66523 34879 20303 46544 43523 20626 70321
10915 45929 38235 52910 22000 38035 61044 03291 98409 90520
00678 10214 50236 39551 08786 75644 58232 72624 19197 20669
74381 96672 42584 80110 69189 63063 06888 68931 88650 49527
12053 05049 71535 26821 50516 62250 26537 78301 32467 10103
93160 02271 64481 29938 40698 25640 54527 78112 36277 20834
68387 76902 86662 13905 31571 71170 10570

13427/12227/10827 kHz, 2100/2120/2140 UTC

13427/12227/10827 kHz, 05-06, 2100/2120/2140 UTC

00532 00182 83761 04122 42926 43331 97574 39156 30307 85309
47533 25645 11628 09025 68035 84678 45216 41211 13198 63724
01338 57671 16934 73503 34595 74197 97571 52429 62449 10615
77066 08775 36730 42179 52658 19415 99063 01302 40140 46797
91778 34673 01208 98237 66361 43619 80105 33602 80644 79925
42294 43032 09946 26949 24341 54849 39410 44343 89936 68363
66262 96917 99350 28111 80320 28777 56109 90267 32216 16025
72928 20169 43976 89308 63719 32898 36053 05152 36050 94330
51288 01958 81345 12444 80812 15849 99862 43729 71148 98046

48160 66895 59141 75522 95180 30200 28911 37780 07625 71362
94157 99746 12823 66601 86982 33884 68181 95002 82678 00663
50814 62277 56987 01642 34178 52397 69311 21115 84819 53981
46338 71004 89730 25654 73941 40065 81427 60442 41141 89131
15795 54058 66711 70008 00691 24010 54693 30065 68292 00258
11125 61609 26786 17791 03342 32434 40818 09956 72589 42897
14882 12122 07421 78242 70066 19283 26495 03598 44231 60969
46120 49030 44527 98861 23840 97816 06649 16114 60559 84002
65727 25033 47201 42600 47646 43536 17537 81065 31064 69190
56604 69281 55394 39216 63501

13427/12227/10827 kHz, 07-06/12-06/19-06, 2100/2120/2140 UTC

00813 00204 27875 20641 35457 72972 69687 04419 78981 79340
58804 94987 12803 52031 06908 66177 08071 10902 31776 80587
30287 90810 27743 23085 64014 84138 40017 13525 22157 39582
65525 90167 73276 26210 80699 78352 65148 44190 78173 64280
58694 19589 96743 23990 17275 66016 98813 32321 78178 73308
83928 59390 22240 68688 25999 83852 82131 85353 96449 38593
78842 45639 95050 43611 23876 22382 04787 52598 24291 31583
93849 89845 21976 45914 64511 91076 62902 24938 86080 87602
61297 35685 28574 30989 21505 59613 17824 24791 52135 53026
78827 51818 54675 20636 35718 84401 17943 21776 92635 44523
75241 54261 62014 02548 58433 69163 02676 50201 96364 76507
46505 75491 59121 41437 01376 83415 39925 33727 80283 88082
70757 76402 74389 91092 80436 97783 33546 97989 23391 69091
96633 28577 73557 03845 44922 36705 40032 50413 15209 20870
58344 80009 09318 09437 64699 62180 09002 49452 46227 25725
17515 47791 23434 69123 80652 37561 71755 63624 72678 19302
41816 34920 82677 12281 59014 45877 26456 40966 43388 73300
16425 51206 98541 35923 92527 02665 90374 97232 58942 81700
48791 78400 60072 10201 20102 92396 42470 23811 20565 79831
51015 89608 55941 86023 07614 86433 14674 66109 54789 17073
42552 98601 54559 68727 81848 03542 10715

13427/12227/10827 kHz, 14-06, 2100/2120/2140 UTC

00747 00176 10390 36905 27269 44500 77069 61445 99149 65716
93189 34160 26290 98886 68221 91730 70809 58830 30890 60779
64399 68747 74993 93423 67638 22548 26740 65754 31514 75862
65843 83310 11062 78235 33081 76151 48812 37128 94195 66216
95877 61773 50154 48973 20148 58772 44913 66933 60615 45357
10673 56142 48621 54226 94327 56291 32525 46254 19424 33610
61981 57590 77009 81230 60738 44464 56501 96337 30774 38680
04708 04334 03787 51651 48304 64561 47522 69848 65569 96364
93019 58032 26735 83429 93297 17537 37678 33860 04636 45248
69724 37041 55727 90911 86130 82913 88219 31227 84331 97914
69221 77999 28456 28223 43513 42536 11765 61533 17603 37900
16870 02394 91089 88462 22909 02668 51447 60741 49559 50484
31958 67270 68516 19044 91978 09364 07561 17744 61603 90113
72062 36558 09696 90312 40791 95450 87731 21774 25407 68542
58842 54574 06166 67444 29136 49326 27011 98230 66288 15791
14474 61085 53965 71092 06103 84917 89893 89425 68008 71663
26418 10293 41880 79294 82030 82326 92187 64027 88950 05830
18988 33969 04722 36447 29744 56620 38184 79052 31222

13427/12227/10827 kHz, 21-06/26-06, 2100/2120/2140 UTC

04092 00122 22888 63359 87359 70992 46310 96004 28642 28833
52687 06465 14908 91150 75567 18833 52521 41512 33550 81711
12606 41310 23925 90241 21376 17296 42620 72004 37518 51972
59024 13066 16873 54333 62780 53533 21109 04880 33654 19888
23598 84686 09760 88449 76429 16212 90520 14814 17281 75051
00743 34728 14495 23400 12145 04009 98399 87845 25709 66965
88068 84628 82097 27217 60594 77183 41299 61137 19398 91364
11065 22873 25515 95170 08097 11184 60551 13600 43676 99423

66557 85752 61986 44610 69997 26888 11085 15982 52927 24034
74715 39164 12675 86957 53069 45819 65261 91003 49453 87644
09967 80035 92334 93318 88883 98333 36625 16675 88530 31333
72312 64630 89071 41178 66931 80866 48916 04132 88006 15468
28888 89335 58586 61585 35353

13427/12227/10827 kHz, 28-06, 2100/2120/2140 UTC

00729 00124 95787 74559 08688 10625 91535 90046 91338 74701
87783 68301 81181 11666 33336 22256 10219 00183 36103 10876
08687 39454 91868 54622 98432 65544 33249 58124 18433 34086
53564 43246 66333 73228 34991 83709 55518 12453 33184 31269
41199 12098 98088 33676 16662 13315 83975 79281 48797 79614
87313 53075 20983 83504 92401 06785 82729 40442 64400 61248
70746 19963 87960 87091 78679 32961 03436 44923 22977 62748
70155 28721 83601 88967 25581 10449 93356 10311 74510 61080
17643 40030 45989 49306 48145 16898 00138 72939 89900 76482
44071 82069 59984 97971 76575 04728 13120 67555 77064 48280
76272 59720 77357 27084 97503 51571 83446 69079 24180 53352
98216 45151 12344 59877 86543 28277 76237 71396 95837 89912
73818 36868 55358 32130 12941 27521 12274

XPB1

13876 kHz, 01-06/04-06/08-06/11-06/15-06/18-06/22-06/25-06/29-06, 1100 UTC
13376 kHz, 01-06/04-06/08-06/11-06/15-06/18-06/22-06/25-06/29-06, 1110 UTC
12176 kHz, 01-06/04-06/08-06/11-06/15-06/18-06/22-06/25-06/29-06, 1120 UTC
11576 kHz, 01-06/04-06/08-06/11-06/15-06/18-06/22-06/25-06/29-06, 1130 UTC
10676 kHz, 01-06/04-06/08-06/11-06/15-06/18-06/22-06/25-06/29-06, 1140 UTC
10276 kHz, 01-06/04-06/08-06/11-06/15-06/18-06/22-06/25-06/29-06, 1150 UTC

15876 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06, 1200 UTC
14876 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06, 1210 UTC
14376 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06, 1220 UTC
13873 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06, 1230 UTC
13376 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06, 1240 UTC
12176 kHz, 04-06/06-06/11-06/13-06/18-06/20-06/25-06/27-06, 1250 UTC

15863 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1900 UTC
14963 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1910 UTC
13963 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1920 UTC
12163 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1930 UTC
11163 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1940 UTC
10463 kHz, 05-06/07-06/12-06/14-06/19-06/21-06/26-06/28-06, 1950 UTC

11559 kHz, 06-06/07-06/13-06/14-06/20-06/21-06/27-06/28-06, 0500 UTC
12159 kHz, 06-06/07-06/13-06/14-06/20-06/21-06/27-06/28-06, 0510 UTC
13459 kHz, 06-06/07-06/13-06/14-06/20-06/21-06/27-06/28-06, 0520 UTC
13959 kHz, 06-06/07-06/13-06/14-06/20-06/21-06/27-06/28-06, 0530 UTC
14459 kHz, 06-06/07-06/13-06/14-06/20-06/21-06/27-06/28-06, 0540 UTC
14959 kHz, 06-06/07-06/13-06/14-06/20-06/21-06/27-06/28-06, 0550 UTC

Q26 - Chinese military

9064.5 kHz, 13-06, 0812 UTC. Difficult to decode. Partly garbled.

Idle, then RYRYRYRYRY NY XL JHD @6@? AWZ ICD HV 4

~~~0875691~4~1~~~~~4~ OE~

A@FX A@FX A@FX LP Z:OT Z:OT Z:OT

A@FX A@FX A@FX LP Z:OT Z:OT Z:OT

A@FX A@FX A@FX LP Z:OT Z:OT Z:OT

RYRYRYRYRY NY XL JHD @6@? AWZ ICD HV 4



**9064.5 kHz, 13-06, 0814 UTC. Difficult to decode. Partly garbled.**

Z:OT Z:OT Z:OT LP A@FX A@FX A@FX

Z:OT Z:OT Z:OT LP A@FX A@FX A@FX

Z:OT Z:OT Z:OT LP A@FX A@FX A@FX

RYRYRYRYRY NY XL JHD @6%: OSG SG EHX XO FHP IWUP NY

00?1NNV @2? BG FYJP JUUF

UNU0999DUNK

@:&: UPYB WJYF MYBJ WPJF FYGW MPWJ MCWM FFFF FFFF

67?0 GPUB PMBW BFYC GJMB JBPC JWMF PGJC UYPJ JYUP

26.? PGCY UJUP UJYP MBFJ PCFG WFFJ BGJC WJGC MCBY

? :6% PBPB PBGM GJWG CBWY GWWJ CPYJ JCMF BFFG UMGJ

.270 MCJC MGUJ UPWB FMYB WFFB UCJY JCUY GFYM UJCJ

%0@7 JPUY CUCY WUBJ UGCW MCYF FWFY UPJM CBYP MPBF

0&?. PFYF CYUC JWPJ FPCB UFCG GCGM WBYW YPYJ FMUJ

6:26 BPMF WUBY PJUG JMUB GWPF FPYF BYMW YWCY BMUC

2%%. MPUC WFMF GBFG FGFJ BGMG GJJU JCYP CBJW YBGP

%602 WMMC UPMP WBWU CGU~~WJBW~WBMW J~GU MFCY GUYUOJ

?762 BFGB YJPB YBUW PBJM WFWG MCYF UFBM FFFF FFFF

026& Y~P WGMP MW~M WPFC YBCU PUJJ B~CJ PJJG PGPU

6.7. GMGJ FCBY CCMY UYMJ JBYU YFWM GPWF YFUJ BJPB

.&?@ UYUC JGGU GUWW YWBY PBPY CPWW UJJP BWMW WCGJ

67%& WCMF PMWF JBGU WFYM BUBY MPGM MCJM GPYF CFYW

60&: UUCJ CMFP YJGU CWUP JUPC JWBY ~GYG YMWJ MJFP

&7:6 ~UWB YWYM~W~PP~B~X~E~~IC BYJU JFGM BJUF YMJB

27:. YGMU YMUC PFMB PFJB YGMF CBWY CWJU CUJW WCMB

060& PWFP YBCP UPFC UFMG CYBY UBJY BUJM UBPC JJUP

7%7? YFYY

DUNK1@6%:1@?&

JHD-JHD-JHD-JHD- BV IG ??%. 4

JHD-JHD-JHD-80~~\$~~~\$7~ R

MDIH~~~B~V~UQYT

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8073 kHz, 11-06, 1155 UTC

8075.5 kHz, 21-06, 0750UTC

6875 kHz, 21-06, 0802UTC

7533 kHz, 22-06, 0128UTC

**9054 kHz, 07-06, 2342 UTC, Q26: 4+4 QPSK 75/3000 LSB**

Messages repeated in morse (M95) and voice (V26)

**4364//8073 kHz, 08-06, 0002 UTC, Q26: 4+4 QPSK 75/3000 LSB**

XSV85: messages, repeated in morse (M95)

**8045 kHz, 18-06, 0601 UTC, i.p. Logged by Anon.**

EHX OXI

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IG.76CM JCGW

CYBG QYPW JQWY UGQF CCFQ MJGG QUUB YQUC YGQU CBUQ

CJJF QJFJ UQUY PBQM JGGQ UUBU QYMU UQCJ JYQB JPUQ

UCCU QUJF PQMJ GGQU UBUQ UCBU QFPJ YQBY WCQU FWCQ

BJFM QUUB UQYM UUQF MCJQ UCMC QJUU UQMB MPQU UUYQ

UUUC QBJF MQUU BUQY MUUQ FPBB QYYW FQJY YFQM YFYQ

UUUY QUUJ UQBJ FMQU UBUQ YMUU QFME WQYJ CGQY YJUQ

MGJB

ZII HV )

8084 kHz, 18-06, 1031 UTC. Simplex net. Station A wkg station B

A very nice one with Chinese voice traffic, 4+4 traffic (Q26), 30-tone ODFM and CW (M89). All in LSB. Logged by anon.



Q26 from A. Idling? No traffic decoded.

Voice traffic in Chinese.

A: 167, 167

B: 104 18... 32, 104 1832

A: 159 2025

B: 159 followed by Q26 from B

MHJP MHJP MHJP MHJP MHJP MHJP MHJP MHJP MHJP MHJP MHJP MHJP MXQX MXQX  
RYRYRYRYRY MHJP MHJP MHJP MHJP MHJP MHJP MHJP MHJP  
IG@:MM NV?F BG FYJC JCPF  
JYPP000SYCV  
WUUP UWBY YFCM PJFP YPMU FWUB BJMW PMGB FBWB FFJU  
&@BJ WYWM PGGC UJCB YGGB UFMB WYPY PCWG BMWF WYCU  
RYRYRYRYRY MHJP MHJP MHJP MHJP MHJP MHJP MHJP MHJP  
QSL

B: 103, 103

A: 104 1834, 1834

B: 159

A: 1091, 1091

B: 180

A: 159

B: 205, 205

A: 159

30-tone OFDM idling

A: 167

B: 104 1835, 104 1835

A: 159 205

(Unknown mode)

A: 104 1836, 104 1836

B: 159

A: 1484, 1484

B: 159

Morse traffic (M89) started by station B.

VVV K

R

HR MSG GA K

R

NR 1978 CK 1024 0619 1830 RMKS H7 K

TO 1633 K

R

R = N553 5NU6 6TD7 3AT3 6375 TN5U UA6N 374T TUNU TTA5 +

QSL? K

RR QSL 1838 II QSL 1838 R OK K

VVV K K

R OK K

HR 7 GR EEEEE HR MSG K K

R GA K

R GR 1878 CK 1024 061 K

II 1830 RMKS 106 6330 K

H6DD K K

R OK K

= N553 5NU6 6TD7 3AT3 63NS 5TN5 AUA7 N374 UTUN UTT5 QSL? K K

R QSL 1842 K

NW R SK SK SK SK

## DIPLOMATIC STATIONS

### North Korean diplomatic stations

12400 kHz, 03-06, 0808 UTC, DPRK-ARQ 600 LSB

### Egyptian diplomatic stations

**16011.7 kHz, 04-06, 1425 UTC, SITOR-A 100/170, i.p.**

NGHKONWYOF F4598 C8BC8 DE02B 70300 BA0B6 236A2 1DB26

EF ?5016 52489 B5C49 ADYEB76 F301E 1ZCG

NNN

X W X WE H /L FASH:FAJ.. 00 4 6/ 02

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18029.7 kHz, 15-06, 0756 UTC, SITOR-A 100/170

18034.7 kHz, 15-06, 0802 UTC, SITOR-A 100/170

18024.5 kHz, 15-06, 0805 UTC, CODAN

16334 kHz, 15-06, 1355 UTC, CODAN

16334.7 kHz, 15-06, 1409 UTC, SITOR-A 100/170

Egyptian diplo clg KKQT: unid embassy

Egyptian diplo clg TQQV: Egyptian embassy Harare

99910: MFA Cairo sending messages to unid embassy

99904: MFA Cairo sends messages to 22201: Egyptian embassy, Prague

MFA Cairo clg QQTIX: Egyptian embassy Prague

### Russian diplomatic stations

16115 kHz, 01-06, 1104 UTC, MFSK-6

12150 kHz, 01-06, 0642 UTC, MFSK-6

12150 kHz, 01-06, 0642 UTC, MFSK-6

14631 kHz, 01-06, 0834 UTC, MFSK-6

16115 kHz, 01-06, 1119 UTC, MFSK-6

17506 kHz, 01-06, 1236 UTC, MFSK-6

19511 kHz, 02-06, 0721 UTC, MFSK-6

13448 kHz, 02-06, 0733 UTC, MFSK-6

14950 kHz, 02-06, 0838 UTC, MFSK-6

19405 kHz, 02-06, 0857 UTC, MFSK-6

18197 kHz, 02-06, 0927 UTC, MFSK-6

14570 kHz, 03-06, 0827 UTC, MFSK-6

13547 kHz, 03-06, 1026 UTC, MFSK-6

13452 kHz, 06-06, 0655 UTC, MFSK-6

13510 kHz, 10-06, 0456 UTC, MFSK-6

13452 kHz, 06-06, 0653 UTC, MFSK-6

12152 kHz, 06-06, 0745 UTC, MFSK-6

14392 kHz, 06-06, 0840 UTC, MFSK-6

14615 kHz, 07-06, 0855 UTC, MFSK-6

18591 kHz, 08-06, 0737 UTC, MFSK-6

10814 kHz, 08-06, 0752 UTC, MFSK-6

18177 kHz, 08-06, 0801 UTC, MFSK-6

13419 kHz, 08-06, 0809 UTC, MFSK-6

13441 kHz, 08-06, 0815 UTC, MFSK-6

7988 kHz, 09-06, 0746 UTC, MFSK-6

9065 kHz, 09-06, 0755 UTC, MFSK-6

16153 kHz, 09-06, 0808 UTC, MFSK-6

13506 kHz, 09-06, 0951 UTC, MFSK-6

13420 kHz, 14-06, 0759 UTC, MFSK-6

17253 kHz, 14-06, 0759 UTC, MFSK-6

14861 kHz, 14-06, 0828 UTC, MFSK-6

17468 kHz, 16-06, 1332 UTC, MFSK-6

14824 kHz, 17-06, 1113 UTC, MFSK-6

13518 kHz, 20-06, 0748 UTC, MFSK-66

MFA Moscow clg 215346: Russian Consulate General Mumbai

MFA Moscow clg 256341: Russian embassy Beirut

MFA Moscow clg 256341: Russian embassy Beirut

MFA Moscow clg 362154: Russian embassy Athens

MFA Moscow clg 215346: Russian Consulate General Mumbai

MFA Moscow clg 231654: Russian embassy Abuja

MFA Moscow clg 314265: Russian embassy Antananarivo

MFA Moscow clg 162543: Russian embassy Nicosia

MFA Moscow clg 352416: Russian embassy Dar es Salaam

MFA Moscow clg 352416: Russian embassy Dar es Salaam

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

MFA Moscow clg 324615: Russian embassy Madrid

MFA Moscow clg 625413: Russian embassy Tel Aviv

MFA Moscow clg 165324: Russian embassy Vienna

MFA Moscow clg 216435: Russian embassy Dhaka

MFA Moscow clg 165324: Russian embassy Vienna

MFA Moscow clg 432516: Russian embassy Bern

MFA Moscow clg 532614: Russian embassy Paris

MFA Moscow clg 125643: Russian embassy Ulanbatar

MFA Moscow clg 435621: Russian embassy Maputo

MFA Moscow clg 412356: Russian embassy Budapest

MFA Moscow clg 164253: Russian embassy Addis Ababa

MFA Moscow clg 465132: Russian embassy Sofia

MFA Moscow clg 263145: Russian embassy Prague

MFA Moscow clg 561243: Russian embassy Helsinki

MFA Moscow clg 561243: Russian embassy Helsinki

MFA Moscow clg 153624: Russian embassy Damascus

MFA Moscow clg 164532: Russian embassy Dublin

MFA Moscow clg 534216: Russian embassy Baghdad

MFA Moscow clg 542136: Russian embassy Beijing

MFA Moscow clg 542136: Russian embassy Beijing

MFA Moscow clg 436512: Russian embassy Harare

MFA Moscow clg 625413: Russian embassy Tel Aviv

Russian diplo.

12152 kHz, 20-06, 0756 UTC, MFSK-6  
 14615 kHz, 21-06, 0820 UTC, MFSK-6  
 12157 kHz, 21-06, 0832 UTC, MFSK-6  
 12151 kHz, 21-06, 0836 UTC, MFSK-66  
 16190 kHz, 21-06, 0856 UTC, MFSK-66  
 9061 kHz, 22-06, 0738 UTC, MFSK-6  
 18177 kHz, 22-06, 0804 UTC, MFSK-6  
 11638 kHz, 20-06, 0704 UTC, MFSK-6  
 10175 kHz, 20-06, 0704 UTC, MFSK-6  
 13415 kHz, 20-06, 0724 UTC, MFSK-6  
 12152 kHz, 20-06, 0756 UTC, MFSK-6  
 14615 kHz, 21-06, 0819 UTC, MFSK-6  
 12157 kHz, 21-06, 0827 UTC, MFSK-6  
 9061 kHz, 22-06, 0736 UTC, MFSK-6  
 20950 kHz, 22-06, 0743 UTC, MFSK-6  
 18177 kHz, 22-06, 0802 UTC, MFSK-6  
 13419 kHz, 22-06, 0808 UTC, MFSK-6  
 13985 kHz, 22-06, 0901 UTC, MFSK-6  
 13510 kHz, 24-06, 0522 UTC, MFSK-6  
 10127 kHz, 27-06, 0810 UTC, MFSK-6  
 17475 kHz, 27-06, 0824 UTC, MFSK-6  
 20690 kHz, 27-06, 0847 UTC, MFSK-6  
 20690 kHz, 27-06, 0940 UTC, MFSK-6  
 16117 kHz, 27-06, 0935 UTC, MFSK-6  
 15656 kHz, 27-06, 1252 UTC, MFSK-6  
 13467 kHz, 27-06, 1257 UTC, MFSK-6  
 14861 kHz, 28-06, 0822 UTC, MFSK-6

MFA Moscow clg 432516: Russian embassy Bern  
 MFA Moscow clg 125643: Russian embassy Ulanbatar  
 MFA Moscow clg 165423: Russian embassy Brussels  
 Russian diplo.  
 Russian diplo.  
 MFA Moscow clg 412356: Russian embassy Budapest  
 MFA Moscow clg 164253: Russian embassy Addis Ababa  
 MFA Moscow clg 165324: Russian embassy Vienna  
 MFA Moscow clg 263514: unid embassy  
 MFA Moscow clg 263514: unid embassy  
 MFA Moscow clg 432516: Russian embassy Bern  
 MFA Moscow clg 125643: Russian embassy Ulaanbaatar  
 MFA Moscow clg 165423: Russian embassy Brussels  
 MFA Moscow clg 412356: Russian embassy Budapest  
 MFA Moscow clg 435621: Russian embassy Maputo  
 MFA Moscow clg 164253: Russian embassy Addis Ababa  
 MFA Moscow clg 465132: Russian embassy Sofia  
 MFA Moscow clg 134265: Russian embassy Tunis  
 MFA Moscow clg 216435: Russian embassy Dhaka  
 MFA Moscow clg 421635: Russian embassy Oslo  
 MFA Moscow clg 156234: Russian embassy Kampala  
 MFA Moscow clg 156234: Russian embassy Kampala  
 MFA Moscow clg 156234: Russian embassy Kampala  
 MFA Moscow clg 463125: Russian embassy Rabat  
 MFA Moscow clg 364152: Russian embassy New Delhi  
 MFA Moscow clg 364152: Russian embassy New Delhi  
 MFA Moscow clg 534216: Russian embassy Beijing

## CLANDESTINE / TARGETED RADIO & JAMMERS

### Target Sudan

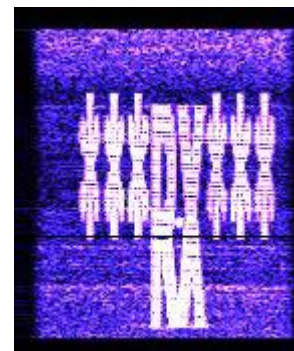
15550 kHz, 08-06, 1618 UTC, AM Radio Dabanga. Id, jingles, program in Sudanese

### Target: Turkey

11775 kHz, 08-06, 1635 UTC, AM Radio Dengê Welat. Kurdish program <https://www.denge-welat.org>  
 11775 kHz, 08-06, 1635 UTC, AM Radio Recep Erdogan (Turkish counter intelligence) jammimg Radio Dengê Welat

### Ukraine/Russia

7055 kHz, 08-06, 1635 UTC, LSB Russian and Ukrainian stations. Offensive messages. Later also rock music.  
 7055 kHz, 10-06, 0703 UTC, LSB Propaganda  
 7055 kHz, 13-06, 1635 UTC, LSB Anti Russia slogans  
 7050 kHz, 15-06, 1721 UTC, LSB Russian and Ukrainian stations. Offensive messages.  
 7060 kHz, 17-06, 1651 UTC, LSB Rock music  
 7055 kHz, 17-06, 1654 UTC, LSB Music  
 7050 kHz, 17-06, 1716 UTC, LSB Russian and Ukrainian stations. Anti Russian and anti Ukraine slogans  
 7050 kHz, 18-06, 0721 UTC, LSB Russian and Ukrainian stations. Anti Russian and anti Ukraine slogans  
 7055 kHz, 20-06, 1659 UTC, USB Unid data mode followed by waterfall text (picture right)  
 7055 kHz, 20-06, 1703 UTC, LSB Music: popsong about Ukraine and anti Ukraine slogans: Ukrayins'ki svyni. Many stations on top of each other  
 7050 kHz, 20-06, 1707 UTC, LSB Anti Ukraine slogans: Ukrayins'ki svyni. Music  
 7060 kHz, 20-06, 1745 UTC, USB Pop music and talks hopping between 7060 and 7063 kHz. Same station as earlier on 7055 kHz  
 7063 kHz, 20-06, 1748 UTC, USB Pop music and talks hopping between 7060 and 7063 kHz. Same station as earlier on 7055 kHz  
 7055 kHz, 29-06, 1702 UTC, LSB Anti Russia/anti Putin messages  
 7050 kHz, 29-06, 1704 UTC, LSB Song about Ukraine interfered by a guy with pro Russia propaganda



## UTILITY ROUND-UP

### North Korean military

**4390.7 kHz, 01-06, 1913 UTC, CW. North Korean military i.p.**

VVV 88Z DE 6IB

233. 3 3.3 TT

**3655.5 kHz, 21-06, 1300 UTC, CW**

LDY wkg XJ7 JR9 GX6

**3656.5 kHz, 22-06, 1300 UTC, CW**

LDY wkg XJ7 JR9 GX6

**3656.5 kHz, 22-06, 1309 UTC, CW**

XJ7 de LDY

QTC 02 19 = =

87878 06436 09517 24271 33835 44762 28375 41030 72129 18277

40618 40618 60434 67907 27346 91742 13172 12873 63046 86019

**3656.5 kHz, 22-06, 1324 UTC, CW**

GX6 de LDY

QTC 02 19 = =

44620 62172 29405 65011 49683 11947 91309 90218 27738 49850

17480 23436 24132 22466 52617 17982 14284 20356 49798

**Lots of North Korean military activity on June 23rd**

2993.5 kHz

3023.2 kHz

3410.8 kHz

3454 kHz BP4 de WH2

3616.5 kHz DE JXL

3656.5 kHz XJ7 JR9 GX6 de LDY

3666 kHz LR4 de A8Z

3672.50 kHz 82N de 7UU

3690 kHz

3695.50 kHz 2LG de 6FL

3700 kHz DE VD8

3717.5 kHz DE DO7

**4461 kHz, 27-06, 1125 UTC, i.p.**

A7A wkg DA4

QRX 2130 //

OP 4182 (nothing heard on 4182khz)

then A7A sent msg 9340 3294 8271 9128 4772 6314 6701 2585 4777 9029 4773

### Chinese Military

**7984 kHz, 11-06, 0200 UTC, LSB, traffic in Chinese i.p.**

(Talked at the same time, can't copy)

510, 510, 50352, respond if you get the info

549, 549, 504 calling, respond if you hear me

549, 549, 504 calling, respond if you hear me

5551, 5551, 504 calling, respond if you hear me

5551, 5551, 504 calling, respond if you hear me

5551, 5551, 504 calling, respond if you hear me

549, 549, 504 calling, respond if you hear me

9412 kHz, 22-06, 0531 UTC

PSK2 2400Bd followed by voice traffic: 9148, 9148 9696 9090

10364/12230.5 kHz, 21-06, 0711 UTC

OFDM-45 (probably to Beijing)

## EMERGENCY ACTION MESSAGES & FOXTROT MESSAGES

Frequencies: 4724, 8992, 11175, 15016 kHz.

| Date  | UTC  | Callsign   | Details                                                                         |
|-------|------|------------|---------------------------------------------------------------------------------|
| 01-06 | 0317 | Newspaper  | 30 chr EAM QSX3I6 WL42JYK7YPFQK3NPOZLXONDQ                                      |
| 01-06 | 0324 | Newspaper  | 30 chr EAM QSYPBS 66XEGSNWHH6276SLZFPBJ2Y                                       |
| 01-06 | 0536 | Newspaper  | 30 chr EAM QSALKN VN37IUIXUTGFKXW2VGI63FVG                                      |
| 01-06 | 1626 | Newspaper  | 30 chr EAM QSRRDP NE2XPPTIG6ZXNQ2OIOUOW43Q                                      |
| 01-06 | 1630 | Newspaper  | 30 chr EAM QSRRDP NE2XPPTIG6ZXNQ2OIOUOW43Q                                      |
| 01-06 | 1647 | Newspaper  | 30 chr EAM for Blender? JWANYK RR5IUTSMNV5URV7XEQSODNR6                         |
| 01-06 | 1700 | Newspaper  | 30 chr EAM QSRRDP NE2XPPTIG6ZXNQ2OIOUOW43Q                                      |
| 01-06 | 1702 | Newspaper  | 30 chr EAM for Blender? JWUY4Q OLCIFNP5CQ24FBX444YUC3V6                         |
| 01-06 | 1733 | Newspaper  | 30 chr EAM QSH3HJ C6EESH3EBD24QOL5SADJGROA                                      |
| 01-06 | 1735 | Newspaper  | 30 chr EAM QSRRDP NE2XPPTIG6ZXNQ2OIOUOW43Q                                      |
| 01-06 | 1747 | Newspaper  | 30 chr EAM for Blender? JWC2ZJ 2RBP7ZM3GCNMVCDMLJ45JXO4                         |
| 01-06 | 1753 | Newspaper  | 30 chr EAM QSFUAS OAGH6CHERUHINALV4ZAT6UMW                                      |
| 01-06 | 1817 | Newspaper  | 30 chr EAM QSWPNW KD7MLAZXJ6XETPATBIRYDISE                                      |
| 01-06 | 1820 | Newspaper  | 30 chr EAM JWESLA LKVD2EGEZP3NDASJUF2MAFLY                                      |
| 01-06 | 1822 | Newspaper  | 30 chr EAM for Blender? JWNQPU XPSGTBSCCV4ZZQINVBXS2VW                          |
| 01-06 | 1824 | Newspaper  | 30 chr EAM QSFUAS OAGH6CHERUHINALV4ZAT6UMW                                      |
| 01-06 | 1826 | Newspaper  | 30 chr EAM QSH3HJ C6EESH3EBD24QOL5SADJGROA                                      |
| 01-06 | 1830 | Newspaper  | 30 chr EAM QSWPNW KD7MLAZXJ6XETPATBIRYDISE                                      |
| 01-06 | 1832 | Newspaper  | 30 chr EAM QSFUAS OAGH6CHERUHINALV4ZAT6UMW                                      |
| 01-06 | 1834 | Newspaper  | 30 chr EAM QSH3HJ C6EESH3EBD24QOL5SADJGROA                                      |
| 01-06 | 1849 | Newspaper  | 30 chr EAM QSEMK3 KDLRXKM6HWIDSGCOQJHPGIFZ                                      |
| 01-06 | 1900 | Newspaper  | 30 chr EAM QSEMK3 KDLRXKM6HWIDSGCOQJHPGIFZ                                      |
| 01-06 | 1902 | Newspaper  | 30 chr EAM QSWPNW KD7MLAZXJ6XETPATBIRYDISE                                      |
| 01-06 | 1904 | Newspaper  | 30 chr EAM QSFUAS OAGH6CHERUHINALV4ZAT6UMW                                      |
| 01-06 | 2132 | Newspaper  | 30 chr EAM QSH4IK FVCNRI63NGOUP76VSOGIFAVJ                                      |
| 01-06 | 2201 | Newspaper  | 30 chr EAM QSH4IK FVCNRI63NGOUP76VSOGIFAVJ                                      |
| 01-06 | 2230 | Newspaper  | 30 chr EAM QSH4IK FVCNRI63NGOUP76VSOGIFAVJ                                      |
| 01-06 | 2300 | Newspaper  | 30 chr EAM QSH4IK FVCNRI63NGOUP76VSOGIFAVJ                                      |
| 01-06 | 2330 | Newspaper  | 30 chr EAM QSH4IK FVCNRI63NGOUP76VSOGIFAVJ                                      |
| 02-06 | 0156 | Draft Beer | 53 chr EAM JWATFA GAQLZDA327J2B2HLXIPZS7SK2L6OCYWXIKOYFDYDL6CLYC                |
| 02-06 | 0214 | Draft Beer | 30 chr EAM for Region Alpha, for Region Charlie JWUGF2 TLFIKPLTJEHXQ6QL53OL5A3L |
| 02-06 | 0241 | Draft Beer | 53 chr EAM JWATFA GAQLZDA327J2B2HLXIPZS7SK2L6OCYWXIKOYFDYDL6CLYC                |
| 02-06 | 0253 | Draft Beer | 30 chr EAM QSQZEO OIFWE3NQWHKFI7AFQHM2BUP7                                      |
| 02-06 | 0257 | Draft Beer | 30 chr EAM QS3ULJ X73AQZVHYLMR5HDOCIB7JTRK                                      |
| 02-06 | 0300 | Draft Beer | 30 chr EAM QS3ULJ X73AQZVHYLMR5HDOCIB7JTRK                                      |
| 02-06 | 0302 | Draft Beer | 30 chr EAM QSQZEO OIFWE3NQWHKFI7AFQHM2BUP7                                      |
| 02-06 | 0313 | Draft Beer | 30 chr EAM QS46EE LRKM34OTVISDYWZWWY7FEJZUP                                     |
| 02-06 | 0330 | Draft Beer | 30 chr EAM QS46EE LRKM34OTVISDYWZWWY7FEJZUP                                     |
| 02-06 | 0332 | Draft Beer | 30 chr EAM QS3ULJ X73AQZVHYLMR5HDOCIB7JTRK                                      |
| 02-06 | 0334 | Draft Beer | 30 chr EAM QSQZEO OIFWE3NQWHKFI7AFQHM2BUP7                                      |
| 02-06 | 0400 | Draft Beer | 30 chr EAM QS46EE LRKM34OTVISDYWZWWY7FEJZUP                                     |
| 02-06 | 0402 | Draft Beer | 30 chr EAM QS3ULJ X73AQZVHYLMR5HDOCIB7JTRK                                      |
| 02-06 | 0404 | Draft Beer | 30 chr EAM QSQZEO OIFWE3NQWHKFI7AFQHM2BUP7                                      |
| 02-06 | 0430 | Draft Beer | 30 chr EAM QS46EE LRKM34OTVISDYWZWWY7FEJZUP                                     |
| 02-06 | 0432 | Draft Beer | 30 chr EAM QS3ULJ X73AQZVHYLMR5HDOCIB7JTRK                                      |
| 02-06 | 0434 | Draft Beer | 30 chr EAM QSQZEO OIFWE3NQWHKFI7AFQHM2BUP7                                      |
| 02-06 | 0500 | Draft Beer | 30 chr EAM QS46EE LRKM34OTVISDYWZWWY7FEJZUP                                     |
| 02-06 | 0528 | Draft Beer | 30 chr EAM QSL2XA XHG3A35IXAJQ3F46HHAVI26H                                      |
| 02-06 | 0531 | Draft Beer | 30 chr EAM QSF7BA WUV6S4BEASAXY2IUJNYOMJRF                                      |
| 02-06 | 0533 | Draft Beer | 30 chr EAM QS5GPT XRKURNPHLFMPYXROAV23O4SR                                      |



|       |      |            |                                                                                                 |
|-------|------|------------|-------------------------------------------------------------------------------------------------|
| 02-06 | 0536 | Draft Beer | 30 chr EAM QS5FH5 7A6NLFYB2KBU7AIFCKMRLEYX                                                      |
| 02-06 | 0538 | Draft Beer | 30 chr EAM QS5FH5 7A6NLFYB2KBU7AIFCKMRLEYX                                                      |
| 02-06 | 0540 | Draft Beer | 30 chr EAM QS5GPT XRKURNPHLFMPYXROAV23O4SR                                                      |
| 02-06 | 0542 | Draft Beer | 30 chr EAM QSF7BA WUV6S4BEASAXY2IUJNYOMJRF                                                      |
| 02-06 | 0600 | Draft Beer | 30 chr EAM QSMWN3 7WV34ONKH5CKCTWSUSHIMZNX                                                      |
| 02-06 | 0603 | Draft Beer | 30 chr EAM QSMWN3 7WV34ONKH5CKCTWSUSHIMZNX                                                      |
| 02-06 | 0606 | Draft Beer | 30 chr EAM QSEXEN STMRTPDXL7L5N7SONJSKWZC                                                       |
| 02-06 | 0609 | Draft Beer | 30 chr EAM QS5FH5 7A6NLFYB2KBU7AIFCKMRLEYX                                                      |
| 02-06 | 0611 | Draft Beer | 30 chr EAM QSLNQ4 CGTB2ZIMK7GWPJ6OJDHXR6EV                                                      |
| 02-06 | 0614 | Draft Beer | 30 chr EAM QS5GPT XRKURNPHLFMPYXROAV23O4SR                                                      |
| 02-06 | 0616 | Draft Beer | 30 chr EAM QSF7BA WUV6S4BEASAXY2IUJNYOMJRF                                                      |
| 03-06 | 0548 | Washtub    | 39 chr EAM JWVEVZ 6XEHUWCGQ33PL6FLPL6ZTBWGG4QWAWUK6N                                            |
| 03-06 | 0648 | Washtub    | 56 chr EAM JWWEFI 3XLKKUEJEDWLBXRFLBXPFLBXZJFEVTERDZWOMEFEGTEC3M2MCA                            |
| 03-06 | 0653 | Washtub    | 34 chr EAM JWXDBN W4GQQCRUABQUXPJB4T4X4GSZY6TP                                                  |
| 03-06 | 1105 | Washtub    | 30 chr EAM QSYSID BAGQUAQB3OIU2M5CNVEULGR2                                                      |
| 03-06 | 1129 | Washtub    | 30 chr EAM QSYSID BAGQUAQB3OIU2M5CNVEULGR2                                                      |
| 03-06 | 1801 | Washtub    | 30 chr EAM for Embryo JWLPZG 4SCZOLQZFSWJJK4JPP5AJIUA                                           |
| 03-06 | 1804 | Washtub    | 30 chr EAM QSU54Q O5FHZPZTVOFR5APHKSHWFCO6                                                      |
| 03-06 | 1811 | Washtub    | 79 chr EAM JWPI7Q SXJNGC6LZD7NOOKSSIR4PLZFNVKXSWJL5AJ3JL5KJMNOODSSIR47LZMBOD<br>JXIELUCJ3ELU5JN |
| 03-06 | 1818 | Washtub    | 79 chr EAM JWPI7Q SXJNGC6LZD7NOOKSSIR4PLZFNVKXSWJL5AJ3JL5KJMNOODSSIR47LZMBOD<br>JXIELUCJ3ELU5JN |
| 03-06 | 1826 | Washtub    | 30 chr EAM for Embryo JWNAAB SDBCNHX3Z4VTSESQGSX3NUJF                                           |
| 03-06 | 2025 | Washtub    | 30 chr EAM QS447H MCGWYS3TJV3FNZ5OVRJTVZRP                                                      |
| 03-06 | 2030 | Washtub    | 30 chr EAM QSJVWV KHZFHXAG2KJTWWSW3KF64ZWE                                                      |
| 03-06 | 2033 | Washtub    | 30 chr EAM QS447H MCGWYS3TJV3FNZ5OVRJTVZRP                                                      |
| 03-06 | 2212 | Washtub    | 30 chr EAM JWYCZS MRR4GXACIKDYVZHBMPBVI6G                                                       |
| 03-06 | 2232 | Washtub    | 30 chr EAM QSCCXX EF2W3O3L2UO7LWP7LUN26ABR                                                      |
| 03-06 | 2330 | Washtub    | 30 chr EAM QSCCXX EF2W3O3L2UO7LWP7LUN26ABR                                                      |
| 04-06 | 0000 | Serenade   | 30 chr EAM QSCCXX EF2W3O3L2UO7LWP7LUN26ABR                                                      |
| 04-06 | 0028 | Serenade   | 30 chr EAM QSCCXX EF2W3O3L2UO7LWP7LUN26ABR                                                      |
| 04-06 | 1729 | Serenade   | 30 chr EAM QS7NXC OHHRW35PRZXOLKUZNPD5ST6                                                       |
| 04-06 | 1735 | Serenade   | 43 chr EAM JWV2K Q3PYRCKSRIVBQM2UMRRNSBWBQPFUMVUNVS4                                            |
| 04-06 | 1759 | Serenade   | 30 chr EAM JWRA7L 2JVJNRBQETMRB6B3A33C3BFP                                                      |
| 04-06 | 1801 | Serenade   | 30 chr EAM QS7NXC OHHRW35PRZXOLKUZNPD5ST6                                                       |
| 04-06 | 1812 | Serenade   | 30 chr EAM JWZEMG Y2MLOQYPTSREFO36JSTFPLYB                                                      |
| 04-06 | 1830 | Serenade   | 30 chr EAM QS7NXC OHHRW35PRZXOLKUZNPD5ST6                                                       |
| 04-06 | 2030 | Serenade   | 30 chr EAM JW4RE5 SZWP4C2MUDXJM2SDGCLDOS2N                                                      |
| 04-06 | 2052 | Serenade   | 30 chr EAM JWTT3D RL7R6HVN6QTLCTF4UMKWAVSO                                                      |
| 04-06 | 2121 | Serenade   | 30 chr EAM QSECH XVV5ONFQN4CJRNISPKFVMHTD                                                       |
| 04-06 | 2203 | Serenade   | 30 chr EAM QSTFD7 E3F43S2LCAIKGWDHFCPCJDF2                                                      |
| 04-06 | 2230 | Serenade   | 30 chr EAM QSTFD7 E3F43S2LCAIKGWDHFCPCJDF2                                                      |
| 04-06 | 2259 | Serenade   | 30 chr EAM QSTFD7 E3F43S2LCAIKGWDHFCPCJDF2                                                      |
| 04-06 | 2314 | Serenade   | 30 chr EAM JWAI2W 6V76U6KKRQNXAW3YSAA4C3CZ                                                      |
| 04-06 | 2327 | Serenade   | 30 chr EAM JWHHCW AOZ4TG7XCUWFSBLADCPOSGY2                                                      |
| 04-06 | 2330 | Serenade   | 30 chr EAM QSTFD7 E3F43S2LCAIKGWDHFCPCJDF2                                                      |
| 05-06 | 1622 | Baseball   | 30 chr EAM JW7APX B5I4UMWCHP2ILBPNAXP2JW7S                                                      |
| 05-06 | 1733 | Baseball   | 30 chr EAM QSGAJJ NGLBNUD4TAA5X3P34S3T7YA                                                       |
| 05-06 | 1813 | Baseball   | 30 chr EAM JWJL5Z 7RQ4JJY7GDTI5HIEL2IMRSED                                                      |
| 05-06 | 1827 | Baseball   | 30 chr EAM JW4Q7S F3X6JWDY5FSDMOJYUCJ56OE                                                       |
| 05-06 | 1830 | Baseball   | 30 chr EAM QSGAJJ NGLBNUD4TAA5X3P34S3T7YA                                                       |
| 05-06 | 1930 | Baseball   | 30 chr EAM QSGAJJ NGLBNUD4TAA5X3P34S3T7YA                                                       |
| 05-06 | 2017 | Baseball   | 30 chr EAM QSAGFC QJHL3WJH6HD5P3IOT2Y3I2N4                                                      |
| 05-06 | 2030 | Baseball   | 30 chr EAM QSAGFC QJHL3WJH6HD5P3IOT2Y3I2N4                                                      |
| 05-06 | 2047 | Baseball   | 30 chr EAM QSGTLX HBYKGDOPYUSI4DIBHLZVIRXS                                                      |
| 05-06 | 2100 | Baseball   | 30 chr EAM QSGTLX HBYKGDOPYUSI4DIBHLZVIRXS                                                      |
| 05-06 | 2102 | Baseball   | 30 chr EAM QSAGFC QJHL3WJH6HD5P3IOT2Y3I2N4                                                      |
| 05-06 | 2130 | Baseball   | 30 chr EAM QSGTLX HBYKGDOPYUSI4DIBHLZVIRXS                                                      |
| 05-06 | 2133 | Baseball   | 30 chr EAM QS2PCS V2GG3Q3NOPKFBM6M5Y23HIWU                                                      |
| 05-06 | 2137 | Baseball   | 30 chr EAM QSAGFC QJHL3WJH6HD5P3IOT2Y3I2N4                                                      |
| 05-06 | 2344 | Baseball   | 30 chr EAM QSUWOL 4W3CGDDVSKJ4JRV3FCYPJK3                                                       |
| 06-06 | 0000 | Grass Fox  | 30 chr EAM QSUWOL 4W3CGDDVSKJ4JRV3FCYPJK3                                                       |

|       |      |           |                                                                              |
|-------|------|-----------|------------------------------------------------------------------------------|
| 06-06 | 0032 | Grass Fox | 30 chr EAM QSUWOL 4W3CGDDVSKJ4JRV3FCYPJK3                                    |
| 06-06 | 0100 | Grass Fox | 30 chr EAM QSUWOL 4W3CGDDVSKJ4JRV3FCYPJK3                                    |
| 06-06 | 0130 | Grass Fox | 30 chr EAM QSUWOL 4W3CGDDVSKJ4JRV3FCYPJK3                                    |
| 06-06 | 0145 | Grass Fox | 30 chr EAM QS7RJL MVDLDEVAXOXMLOVPMN2W5UYI                                   |
| 06-06 | 0200 | Grass Fox | 30 chr EAM QS7RJL MVDLDEVAXOXMLOVPMN2W5UYI                                   |
| 06-06 | 0230 | Grass Fox | 30 chr EAM QS7RJL MVDLDEVAXOXMLOVPMN2W5UYI                                   |
| 06-06 | 0300 | Grass Fox | 30 chr EAM QS7RJL MVDLDEVAXOXMLOVPMN2W5UYI                                   |
| 06-06 | 0330 | Grass Fox | 30 chr EAM QS7RJL MVDLDEVAXOXMLOVPMN2W5UYI                                   |
| 06-06 | 0615 | Grass Fox | 30 chr EAM QSYM5U SKYUFTCWBOZO4LNQI2JK26FA                                   |
| 06-06 | 0630 | Grass Fox | 30 chr EAM QSYM5U SKYUFTCWBOZO4LNQI2JK26FA                                   |
| 06-06 | 0700 | Grass Fox | 30 chr EAM QSYM5U SKYUFTCWBOZO4LNQI2JK26FA                                   |
| 06-06 | 0730 | Grass Fox | 30 chr EAM QSYM5U SKYUFTCWBOZO4LNQI2JK26FA                                   |
| 06-06 | 0800 | Grass Fox | 30 chr EAM QSYM5U SKYUFTCWBOZO4LNQI2JK26FA                                   |
| 06-06 | 1543 | Grass Fox | 30 chr EAM for Grand-26 JWSCII KNRKRQ7DWLXG7TLMJMWYZZLH                      |
| 06-06 | 1552 | Grass Fox | 30 chr EAM QSMJFC TSI2WOMRYKHTUEKBZ4J3QDNM                                   |
| 06-06 | 1600 | Grass Fox | 30 chr EAM QSMJFC TSI2WOMRYKHTUEKBZ4J3QDNM                                   |
| 06-06 | 1603 | Grass Fox | 30 chr EAM for Swamp-31 JW7XEZ 3QZVAMN77AZJIFMDONVJ3QXA                      |
| 06-06 | 1630 | Grass Fox | 30 chr EAM QSMJFC TSI2WOMRYKHTUEKBZ4J3QDNM                                   |
| 06-06 | 1633 | Grass Fox | 30 chr EAM QSN2JK PPPTDJ62V73USXYXTPDQGUJS                                   |
| 06-06 | 1700 | Grass Fox | 30 chr EAM QSN2JK PPPTDJ62V73USXYXTPDQGUJS                                   |
| 06-06 | 1702 | Grass Fox | 30 chr EAM QSMJFC TSI2WOMRYKHTUEKBZ4J3QDNM                                   |
| 06-06 | 1730 | Grass Fox | 30 chr EAM QSN2JK PPPTDJ62V73USXYXTPDQGUJS                                   |
| 06-06 | 1732 | Grass Fox | 30 chr EAM QSMJFC TSI2WOMRYKHTUEKBZ4J3QDNM                                   |
| 06-06 | 1800 | Grass Fox | 30 chr EAM QSN2JK PPPTDJ62V73USXYXTPDQGUJS                                   |
| 06-06 | 1831 | Grass Fox | 30 chr EAM QSN2JK PPPTDJ62V73USXYXTPDQGUJS                                   |
| 06-06 | 2343 | Grass Fox | 46 chr EAM JWDJHU Z2IC2FXR6ENX44KOH54KV6WONMMPHS4NVWKCMM56                   |
| 07-06 | 1559 | Wingbite  | 51 chr EAM JWZU6E Z4EX37V4F2BP5KESP5KDU3NE77IZR4L2V3NE576Y3PQEG              |
| 07-06 | 1625 | Wingbite  | 30 chr EAM JWEEHD IS57VQFZOMP7ZHJJQLUKSHFO                                   |
| 07-06 | 1654 | Wingbite  | 51 chr EAM JWMHNM 3JUZBNTL6T24BMAFARXTDLEZXHPZYHWCLEZKHA6HAW7R               |
| 07-06 | 2110 | Wingbite  | 63 chr EAM JWCLNU JYMTILN5RLP3Z4S63Z45YM6AFKF46TWLSM6AQKFEQ5XMSM6ALK5YW7RUY  |
| 07-06 | 2116 | Wingbite  | 63 chr EAM JWCLNU JYMTILN5RLP3Z4S63Z45YM6AFKF46TWLSM6AQK-FEQ5XMSM6ALK5YW7RUY |
| 08-06 | 0614 | Tree Bee  | 30 chr EAM QSF33I LV7RUMPEKLNFI2LELACZFDTI                                   |
| 08-06 | 0617 | Tree Bee  | 30 chr EAM QSYGN2 DNSDTGQAN34EIWX32RGZ4KUN                                   |
| 08-06 | 1703 | Tree Bee  | 30 chr EAM for Blasting Crew JWS53S HH2UXVGIE5GUIZUZW5C7G5W                  |
| 08-06 | 1708 | Tree Bee  | 30 chr EAM QSHQQU EFX7FAOG376PODRDEPEYOCLT                                   |
| 08-06 | 1731 | Tree Bee  | 30 chr EAM for Blasting Crew JWNFOP YS77SONW2PHZXX6KIKBX66DT                 |
| 08-06 | 1735 | Tree Bee  | 30 chr EAM QSHQQU EFX7FAOG376PODRDEPEYOCLT                                   |
| 08-06 | 1747 | Tree Bee  | 30 chr EAM for Blasting Crew JWCAF6 ETJ2CX4TGQX3GBQJS4N3EUM                  |
| 08-06 | 1759 | Tree Bee  | 54 chr EAM JIHFTY YLSGEA2NH7GITLC6TOY7RFYMMTK2QE3MQZMSSSLRAHSRJ3Z            |
| 09-06 | 0033 | Freehand  | 30 chr EAM QSLCQL 2CXLEO2GYFSJHASH6TB74GFS                                   |
| 09-06 | 0047 | Freehand  | 51 chr EAM JWGU7A GS2EAVOVTVATOMXC6LML7VPKYNR2OQBCGJQHJNEDKDIUQ              |
| 09-06 | 0100 | Freehand  | 30 chr EAM QSLCQL 2CXLEO2GYFSJHASH6TB74GFS                                   |
| 09-06 | 0117 | Freehand  | 30 chr EAM QSRNMF JALIJSK3TNPVFYLLM2TW7CES                                   |
| 09-06 | 0123 | Freehand  | 30 chr EAM QSIYJ3 LJYF27N4XGDQ32YGSIOAUJW                                    |
| 09-06 | 0130 | Freehand  | 30 chr EAM QSIYJ3 LJYF27N4XGDQ32YGSIOAUJW                                    |
| 09-06 | 0133 | Freehand  | 30 chr EAM QSRNMF JALIJSK3TNPVFYLLM2TW7CES                                   |
| 09-06 | 0136 | Freehand  | 30 chr EAM QSF2HD K7Z4XNOFJOAFQFUGSAIHV7QY                                   |
| 09-06 | 0139 | Freehand  | 30 chr EAM QSLCQL 2CXLEO2GYFSJHASH6TB74GFS                                   |
| 09-06 | 0230 | Freehand  | 30 chr EAM QSF2HD K7Z4XNOFJOAFQFUGSAIHV7QY                                   |
| 09-06 | 0232 | Freehand  | 30 chr EAM QSIYJ3 LJYF27N4XGDQ32YGSIOAUJW                                    |
| 09-06 | 0234 | Freehand  | 30 chr EAM QSRNMF JALIJSK3TNPVFYLLM2TW7CES                                   |
| 09-06 | 1557 | Freehand  | 30 chr EAM JWWQZ7 WN2CURGVIC5Z3DRVC2CGKRRA                                   |
| 09-06 | 1618 | Freehand  | 30 chr EAM QSNAAA DRN5WRPZCJ63EI4KTDSOWNU                                    |
| 09-06 | 1622 | Freehand  | 30 chr EAM QSFE6F 3V7EMAWQIGAGDAVUOYIPOUX2                                   |
| 09-06 | 1637 | Freehand  | 30 chr EAM JW2M3Q J2YCKOQHCWIGG3QEJAZWLJW2                                   |
| 09-06 | 1640 | Freehand  | 30 chr EAM QSFE6F 3V7EMAWQIGAGDAVUOYIPOUX2                                   |
| 09-06 | 1645 | Freehand  | 30 chr EAM QSCWPW 3QXCQBOJ4JDEGVMOGOZP23CX                                   |
| 09-06 | 1649 | Freehand  | 30 chr EAM QSFE6F 3V7EMAWQIGAGDAVUOYIPOUX2                                   |
| 09-06 | 1651 | Freehand  | 30 chr EAM QSNAAA DRN5WRPZCJ63EI4KTDSOWNU                                    |
| 09-06 | 1700 | Freehand  | 30 chr EAM QSCWPW 3QXCQBOJ4JDEGVMOGOZP23CX                                   |



|       |      |           |                                                                                                                                                                                                                                   |
|-------|------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09-06 | 1702 | Freehand  | 30 chr EAM QSFE6F 3V7EMAWQIGAGDAVUOYIPOUX2                                                                                                                                                                                        |
| 09-06 | 1705 | Freehand  | 30 chr EAM QSNAAA DRN5WRPZCJ63E14KTTDSOWNU                                                                                                                                                                                        |
| 09-06 | 2212 | Freehand  | 30 chr EAM QSZWST ETKACFAQJ3VC56NBTS6E7VFB                                                                                                                                                                                        |
| 09-06 | 2230 | Freehand  | 30 chr EAM QSZWST ETKACFAQJ3VC56NBTS6E7VFB                                                                                                                                                                                        |
| 09-06 | 2300 | Freehand  | 30 chr EAM QSZWST ETKACFAQJ3VC56NBTS6E7VFB                                                                                                                                                                                        |
| 09-06 | 2330 | Freehand  | 30 chr EAM QSZWST ETKACFAQJ3VC56NBTS6E7VFB                                                                                                                                                                                        |
| 10-06 | 2121 | Marigold  | 30 chr EAM QSRWUJ 2UTYSR4EONQGPFZNGX64KVJP                                                                                                                                                                                        |
| 10-06 | 2313 | Marigold  | 30 chr EAM QSPR6A LDE4Z2XIHTNR73BMOCERDQO6                                                                                                                                                                                        |
| 10-06 | 2327 | Marigold  | 30 chr EAM QS4AIA ETVJO7IEYQ57HEAE3WNVZRFO                                                                                                                                                                                        |
| 11-06 | 1430 | Sulfide   | 30 chr EAM for Pushy JWY6JV V64NKYOUXGPFCEWYBYNT2RK3                                                                                                                                                                              |
| 11-06 | 1450 | Sulfide   | 30 chr EAM for Pushy JW7SFF WDLI6IUUEG4ZNDINFY73YKRG                                                                                                                                                                              |
| 11-06 | 1552 | Sulfide   | 30 chr EAM for Pushy JW5ETJ 55L5L5MPTSHVPUKROVDXH5ZD                                                                                                                                                                              |
| 11-06 | 1612 | Sulfide   | 30 chr EAM for Pushy JWZ7FR 7FTJUKT7NJEXWP35FPELU3ZQ                                                                                                                                                                              |
| 11-06 | 1714 | Sulfide   | 30 chr EAM for Pushy JWPXFF BC47GTT675SBRGEDU3C3JRHJ                                                                                                                                                                              |
| 11-06 | 1734 | Sulfide   | 30 chr EAM for Pushy JWPLSX R7GGMT5Z4QV3Q264VJHKV6TR                                                                                                                                                                              |
| 11-06 | 1848 | Sulfide   | 30 chr EAM for Pushy JWXWJO 4XLW4WDPRFTAPRJU73Y4WNFF                                                                                                                                                                              |
| 11-06 | 1854 | Sulfide   | 30 chr EAM for Pushy JWXWJO 4XLW4WDPRFTAPRJU73Y4WNFF                                                                                                                                                                              |
| 11-06 | 1908 | Sulfide   | 30 chr EAM for Pushy JWOSUJ KOBMPVKGDURPLICS4RTNC3PO                                                                                                                                                                              |
| 11-06 | 1922 | Sulfide   | 30 chr EAM for Pushy JWOSUJ KOBMPVKGDURPLICS4RTNC3PO                                                                                                                                                                              |
| 11-06 | 2103 | Sulfide   | 51 chr EAM JW6GWB SOHYUKGIUQJQ4XWMQ4XVJ6X3BIC4IDFHQ6X3RI5ARQ6RU                                                                                                                                                                   |
| 11-06 | 2143 | Sulfide   | 34 chr EAM JWQPPP NTUTPA2AH6LWLN2SX2R2YCMLBKKQ                                                                                                                                                                                    |
| 12-06 | 0620 | Compound  | 30 chr EAM QSUPZC 4LUJI3O5KUVWFMB4JEWPGHTS                                                                                                                                                                                        |
| 12-06 | 0630 | Compound  | 30 chr EAM QSUPZC 4LUJI3O5KUVWFMB4JEWPGHTS                                                                                                                                                                                        |
| 12-06 | 0641 | Compound  | 30 chr EAM QSRQQO I4ZTBGNJ3FYLAV4P4PF5RX32                                                                                                                                                                                        |
| 12-06 | 0700 | Compound  | 30 chr EAM QSRQQO I4ZTBGNJ3FYLAV4P4PF5RX32                                                                                                                                                                                        |
| 12-06 | 0703 | Compound  | 30 chr EAM QSUPZC 4LUJI3O5KUVWFMB4JEWPGHTS                                                                                                                                                                                        |
| 12-06 | 1430 | Compound  | 30 chr EAM for Blog JWYM6U LFRDBYFY36HT2EZZEGLK5GCF                                                                                                                                                                               |
| 12-06 | 1450 | Compound  | 30 chr EAM for Blog JWQVZ4 MSKUMFAG5HGJHBU5HKCYLGEW                                                                                                                                                                               |
| 12-06 | 1552 | Compound  | 30 chr EAM for Blog JWF47B TA3UJYFPBSCJF6EOYHQES7ER                                                                                                                                                                               |
| 12-06 | 1612 | Compound  | 30 chr EAM for Blog JW2GPJ XGUUFPI74YKNZVKC6QIMFXQB                                                                                                                                                                               |
| 12-06 | 1705 | Compound  | 30 chr EAM for Blog JWD2S4 AVVKN7A3ZYDI3NEY7Z3TRAOI                                                                                                                                                                               |
| 12-06 | 1716 | Compound  | 30 chr EAM QSSJRZ PFICPGF7FYQEIKCHG3YSK7VR                                                                                                                                                                                        |
| 12-06 | 1720 | Compound  | 30 chr EAM QSSJRZ PFICPGF7FYQEIKCHG3YSK7VR                                                                                                                                                                                        |
| 12-06 | 1724 | Compound  | 30 chr EAM for Blog JWPNFJ 3ERPJGYIVMFIUHHB5JXRSOC                                                                                                                                                                                |
| 12-06 | 1730 | Compound  | 30 chr EAM QSSJRZ PFICPGF7FYQEIKCHG3YSK7VR                                                                                                                                                                                        |
| 12-06 | 1739 | Compound  | 204 chr EAM JIY3UQ 5QIDMKDUPOVAUFAT7AYN6CD6RAQNNE72WCCXTGPZZRIZ7ZK7DO3R<br>HYJURJL3AYQXFSQPZGKNGGK4444NCVP67D72C5KWQGVWGMCTQJQN77UDQOVV4J<br>44DDDDN3VXNFEWWIPG33HNH3KKKKVYQPD5QDXQX6NVKVXPPPPK32G7NFMFF3IXYR7XX<br>QQQQWL6VLVLDO |
| 12-06 | 1800 | Compound  | 30 chr EAM QSSJRZ PFICPGF7FYQEIKCHG3YSK7VR                                                                                                                                                                                        |
| 12-06 | 1830 | Compound  | 30 chr EAM QSSJRZ PFICPGF7FYQEIKCHG3YSK7VR                                                                                                                                                                                        |
| 12-06 | 1845 | Compound  | 62 chr EAM JI3P3J GBDAIPX6PCZUE4TQNTZLAK4JHP5VVZKIZUT77U3SS2RJVCCN2ABAZH4T                                                                                                                                                        |
| 12-06 | 1849 | Compound  | 30 chr EAM for Blog JWLWUN 7Z3MCRHTQP5NRKX6QI7PTRJW                                                                                                                                                                               |
| 12-06 | 1853 | Compound  | 62 chr EAM JI3P3J GBDAIPX6PCZUE4TQNTZLAK4JHP5VVZKIZUT77U3SS2RJVCCN2ABAZH4T                                                                                                                                                        |
| 12-06 | 1900 | Compound  | 30 chr EAM QSSJRZ PFICPGF7FYQEIKCHG3YSK7VR                                                                                                                                                                                        |
| 12-06 | 1908 | Compound  | 30 chr EAM for Blog JWVGXN 6BBVUSEN43B6PEQFZZYTKO2H                                                                                                                                                                               |
| 12-06 | 2046 | Compound  | 39 chr EAM JWHKNG I4SF5IR5O7IEKKPDEKKH74FT6PRUPWUUV                                                                                                                                                                               |
| 12-06 | 2121 | Compound  | 30 chr EAM QSO365 N4LQG22B44RBKG5OUQO2KIXR                                                                                                                                                                                        |
| 12-06 | 2130 | Compound  | 30 chr EAM QSK4YG CWWHTZ2UR5ZGKWMCYVQHDPWC                                                                                                                                                                                        |
| 12-06 | 2132 | Compound  | 30 chr EAM QSK4YG CWWHTZ2UR5ZGKWMCYVQHDPWC                                                                                                                                                                                        |
| 12-06 | 2134 | Compound  | 30 chr EAM QSO365 N4LQG22B44RBKG5OUQO2KIXR                                                                                                                                                                                        |
| 12-06 | 2137 | Compound  | 30 chr EAM QSUATH FNRO6GWW6F2OKMJ7NDVIKOHU                                                                                                                                                                                        |
| 12-06 | 2156 | Compound  | 30 chr EAM QSDIY U3GNVX42BGBCBYFSH4GJRMN7                                                                                                                                                                                         |
| 12-06 | 2200 | Compound  | 30 chr EAM QSDIY U3GNVX42BGBCBYFSH4GJRMN7                                                                                                                                                                                         |
| 12-06 | 2202 | Compound  | 30 chr EAM QSUATH FNRO6GWW6F2OKMJ7NDVIKOHU                                                                                                                                                                                        |
| 12-06 | 2204 | Compound  | 30 chr EAM QSK4YG CWWHTZ2UR5ZGKWMCYVQHDPWC                                                                                                                                                                                        |
| 12-06 | 2207 | Compound  | 30 chr EAM QSTYE5 OLGXLARBVUXG36CYJIDALSW4                                                                                                                                                                                        |
| 12-06 | 2226 | Compound  | 34 chr EAM N4PU47 X27ZGWIVVFUH4C45X7XKOGFBJJXG                                                                                                                                                                                    |
| 12-06 | 2231 | Compound  | 34 chr EAM N4PU47 X27ZGWIVVFUH4C45X7XKOGFBJJXG                                                                                                                                                                                    |
| 13-06 | 0028 | Overgrown | 30 chr EAM QSQ7VL 3X6WRXVNP67DJCIEX6YZLEN3                                                                                                                                                                                        |
| 13-06 | 0045 | Overgrown | 30 chr EAM QSGFAH GLPBJYQNBGEHRTG3WYP2EICH                                                                                                                                                                                        |
| 13-06 | 0100 | Overgrown | 30 chr EAM QSGFAH GLPBJYQNBGEHRTG3WYP2EICH                                                                                                                                                                                        |

|       |      |           |                                                                       |
|-------|------|-----------|-----------------------------------------------------------------------|
| 13-06 | 0102 | Overgrown | 30 chr EAM QSQ7VL 3X6WRXVNP7DJCIEX6YZLEN3                             |
| 13-06 | 0130 | Overgrown | 30 chr EAM QSGFAH GLPBJYQNBGEHRTG3WYP2EICH                            |
| 13-06 | 0132 | Overgrown | 30 chr EAM QSQ7VL 3X6WRXVNP7DJCIEX6YZLEN3                             |
| 13-06 | 0200 | Overgrown | 30 chr EAM QSGFAH GLPBJYQNBGEHRTG3WYP2EICH                            |
| 13-06 | 0202 | Overgrown | 30 chr EAM QSQ7VL 3X6WRXVNP7DJCIEX6YZLEN3                             |
| 13-06 | 0230 | Overgrown | 30 chr EAM QSGFAH GLPBJYQNBGEHRTG3WYP2EICH                            |
| 13-06 | 0232 | Overgrown | 30 chr EAM QSQ7VL 3X6WRXVNP7DJCIEX6YZLEN3                             |
| 13-06 | 0300 | Overgrown | 30 chr EAM QSGFAH GLPBJYQNBGEHRTG3WYP2EICH                            |
| 13-06 | 0302 | Overgrown | 30 chr EAM QSQ7VL 3X6WRXVNP7DJCIEX6YZLEN3                             |
| 13-06 | 0330 | Overgrown | 30 chr EAM QSGFAH GLPBJYQNBGEHRTG3WYP2EICH                            |
| 13-06 | 0332 | Overgrown | 30 chr EAM QSQ7VL 3X6WRXVNP7DJCIEX6YZLEN3                             |
| 13-06 | 0356 | Overgrown | 30 chr EAM QSBBJY NQKQTWOB0AVD35INQYS7XD3E                            |
| 13-06 | 0400 | Overgrown | 30 chr EAM QSBBJY NQKQTWOB0AVD35INQYS7XD3E                            |
| 13-06 | 0430 | Overgrown | 30 chr EAM QSBBJY NQKQTWOB0AVD35INQYS7XD3E                            |
| 13-06 | 0500 | Overgrown | 30 chr EAM QSBBJY NQKQTWOB0AVD35INQYS7XD3E                            |
| 13-06 | 0530 | Overgrown | 30 chr EAM QSBBJY NQKQTWOB0AVD35INQYS7XD3E                            |
| 13-06 | 1616 | Overgrown | 46 chr EAM N4BUBB FG5UJFMOXYP2RNECDLRJFSWW6C2EDLRYF2ZXGEOC            |
| 13-06 | 1624 | Overgrown | 30 chr EAM N4RJDW ADACL5W2BUC6YDS3YT4A6RWB                            |
| 13-06 | 1654 | Overgrown | 30 chr EAM QSGR7F JZQJRS77URWATMPFZH7C2EZ                             |
| 13-06 | 1716 | Overgrown | 34 chr EAM N4E4HK UV4GSOXMIXVLLZAJ6CEJBO5N2NQJ                        |
| 13-06 | 1742 | Overgrown | 30 chr EAM for Leva-73? N4BOET E5U74QHTKCIRG7LOW3LICQWF               |
| 13-06 | 1812 | Overgrown | 30 chr EAM QS6XXB OMB6RIQROSABHGWYXHUB4CS                             |
| 13-06 | 1829 | Overgrown | 30 chr EAM QS6XXB OMB6RIQROSABHGWYXHUB4CS                             |
| 13-06 | 1858 | Overgrown | 30 chr EAM QS6XXB OMB6RIQROSABHGWYXHUB4CS                             |
| 13-06 | 1928 | Overgrown | 30 chr EAM QS6XXB OMB6RIQROSABHGWYXHUB4CS                             |
| 14-06 | 1553 | Amperage  | 51 chr EAM N4ZRHZ FBVCDYJUVSW3UAHC3UAXEGLKQNMQB5LIDGLKZNQUECBWA       |
| 14-06 | 1603 | Amperage  | 30 chr EAM N4AG64 U3Q6MLGAXZ4DQ2ACKRQF3Z3H                            |
| 14-06 | 1619 | Amperage  | 30 chr EAM N4BVBL 7G5UJ3INMRCEACFKEJDPRAY4                            |
| 14-06 | 1651 | Amperage  | 51 chr EAM N45JVW BRB5IA3TATCJKBMMQOU7WTNZXYOMNE2AWTNWXNCP2JXV        |
| 14-06 | 1655 | Amperage  | 51 chr EAM N45JVW BRB5IA3TATCJKBMMQOU7WTNZXYOMNE2AWTNWXNCP2JXV        |
| 14-06 | 1832 | Amperage  | 30 chr EAM QSQJKC 5544FDQ4KT3FCY5NR3DHX6EG                            |
| 14-06 | 1905 | Amperage  | 30 chr EAM QSQJKC 5544FDQ4KT3FCY5NR3DHX6EG                            |
| 14-06 | 1928 | Amperage  | 30 chr EAM QSQJKC 5544FDQ4KT3FCY5NR3DHX6EG                            |
| 14-06 | 2004 | Amperage  | 30 chr EAM QSQJKC 5544FDQ4KT3FCY5NR3DHX6EG                            |
| 15-06 | 1105 | Reynolds  | 34 chr EAM N4PK7A UCIU4U5ZCP757YIPCCBTF3DVE4SJ                        |
| 15-06 | 1515 | Reynolds  | 34 chr EAM N45YOV CMDD5UJRLNV3TSYDAQGUX3DH5463                        |
| 15-06 | 1647 | Reynolds  | 30 chr EAM for Curio Shop, for Usurp N4SYPC CHB2YMHWA4FXAOA5NN43UR5J3 |
| 15-06 | 1705 | Reynolds  | 30 chr EAM for Curio Shop, for Usurp N4CVAX I3NJX6PRXDGNFNLGGHIML4E5  |
| 15-06 | 1731 | Reynolds  | 30 chr EAM for Curio Shop, for Usurp N4HJAJ 5HV6HOXTIIPVIXOM7PAGJYUI  |
| 15-06 | 1746 | Reynolds  | 30 chr EAM for Curio Shop, for Usurp N4BEXB MWYAZYCNLYOOZ5GFRTJEMH4I  |
| 15-06 | 1816 | Reynolds  | 30 chr EAM for Curio Shop, for Usurp N44TCG EITIYC3SIEUX4G4IH6BJAMU2  |
| 15-06 | 1832 | Reynolds  | 30 chr EAM QS4UPO YULKTXJUBTGFW54ZCKDLKIHA                            |
| 15-06 | 1832 | Reynolds  | 30 chr EAM QS4UPO YULKTXJUBTGFW54ZCKDLKIHA                            |
| 15-06 | 1900 | Reynolds  | 30 chr EAM QS4UPO YULKTXJUBTGFW54ZCKDLKIHA                            |
| 15-06 | 1930 | Reynolds  | 30 chr EAM QS4UPO YULKTXJUBTGFW54ZCKDLKIHA                            |
| 15-06 | 2000 | Reynolds  | 30 chr EAM QS4UPO YULKTXJUBTGFW54ZCKDLKIHA                            |
| 15-06 | 2030 | Reynolds  | 30 chr EAM QS4UPO YULKTXJUBTGFW54ZCKDLKIHA                            |
| 15-06 | 2206 | Reynolds  | 33 chr EAM N4J6UP HMXSYEPGR7RTXOQIWSHD6BR54VD                         |
| 15-06 | 2211 | Reynolds  | 38 chr EAM N4G4OB LDJWZV2TSN33UGGGRWWZEXJDJX2FV4EE                    |
| 15-06 | 2300 | Reynolds  | 30 chr EAM QS7K32 AACVEV7VM2TAWU2WQT6WEZC5                            |
| 15-06 | 2306 | Reynolds  | 30 chr EAM QSI7HI XWWTWJPNNB02X6644UW7JGL                             |
| 15-06 | 2320 | Reynolds  | 30 chr EAM QSPLUY JF55FGJ6KTH3GAVZ2YHKF2QY                            |
| 15-06 | 2328 | Reynolds  | 30 chr EAM N4YQVZ GQ45Z3GECX5FZDSL3IRH3F                              |
| 15-06 | 2331 | Reynolds  | 30 chr EAM QSPLUY JF55FGJ6KTH3GAVZ2YHKF2QY                            |
| 15-06 | 2334 | Reynolds  | 30 chr EAM QSI7HI XWWTWJPNNB02X6644UW7JGL                             |
| 15-06 | 2336 | Reynolds  | 30 chr EAM QS7K32 AACVEV7VM2TAWU2WQT6WEZC5                            |
| 16-06 | 0000 | June Day  | 30 chr EAM QSPLUY JF55FGJ6KTH3GAVZ2YHKF2QY                            |
| 16-06 | 0002 | June Day  | 30 chr EAM QSI7HI XWWTWJPNNB02X6644UW7JGL                             |
| 16-06 | 0004 | June Day  | 30 chr EAM QS7K32 AACVEV7VM2TAWU2WQT6WEZC5                            |
| 16-06 | 0030 | June Day  | 30 chr EAM QSPLUY JF55FGJ6KTH3GAVZ2YHKF2QY                            |
| 16-06 | 0032 | June Day  | 30 chr EAM QSI7HI XWWTWJPNNB02X6644UW7JGL                             |
| 16-06 | 0034 | June Day  | 30 chr EAM QS7K32 AACVEV7VM2TAWU2WQT6WEZC5                            |

|       |      |            |                                                                                                                                           |
|-------|------|------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 16-06 | 0100 | June Day   | 30 chr EAM QSPLUY JF55FGJ6KTH3GAVZ2YHKF2QY                                                                                                |
| 16-06 | 0103 | June Day   | 30 chr EAM QSI7HI XWWTWJPNNBAO2X6644UW7JGL                                                                                                |
| 16-06 | 0403 | June Day   | 30 chr EAM for Torment N42E2W 4O63K7U7D45VCVDBLNWLD622                                                                                    |
| 16-06 | 0413 | June Day   | 30 chr EAM for Torment N4SRAE TP5XCZ25AZCQZGMR2UF7SN22                                                                                    |
| 16-06 | 0424 | June Day   | 30 chr EAM for Fighting Dish N4IMJL PZ7GCEAPQCMEXQACNIO2LQLP                                                                              |
| 16-06 | 0438 | June Day   | 30 chr EAM for Figthing Fish N4Y7OW Q2N7AO57ZVR64OPTCFWVUWM4                                                                              |
| 16-06 | 0449 | June Day   | 30 chr EAM for Fighting Fish N44FLQ COCD4F732U23CFN4QHXA3GSZ                                                                              |
| 16-06 | 0452 | June Day   | 30 chr EAM for Fighting Fish N4RKGQ VQEAFDAHDTQT736NT2NHCR2F                                                                              |
| 16-06 | 0507 | June Day   | 30 chr EAM for Fighting Fish N4KZIV EG63JYUIRNL6RWAVRWTAVZ2                                                                               |
| 16-06 | 1300 | June Day   | 30 chr EAM QSE346 W4D2ZW126YKQQENQWUQ2JWD7                                                                                                |
| 16-06 | 1302 | June Day   | 51 chr EAM N4JRZV VG3JL6337BUTUJ6ETUJS3UOC74IV3FG7NRWDR44WVYL62                                                                           |
| 16-06 | 1522 | June Day   | 49 chr EAM N4IDWF JT4SE764SBFJ3QGRBIAP6OS4TQ5J3PJR73AM2RHBPG                                                                              |
| 16-06 | 1557 | June Day   | 30 chr EAM N4QTCW V5UI76NCEA25ARBORZP3XZRZ                                                                                                |
| 16-06 | 1559 | June Day   | 49 chr EAM N4IDWF JT4SE764SBFJ3QGRBIAP6OS4TQ5J3PJR73AM2RHBPG                                                                              |
| 16-06 | 1615 | June Day   | 30 chr EAM QSIZ2S S5HGKPPXGPZMFAMUZ4OBDGSC                                                                                                |
| 16-06 | 1619 | June Day   | 30 chr EAM QS2MV4 MAI2VTAVU7SLRSDAOSPS4GAY                                                                                                |
| 16-06 | 1622 | June Day   | 30 chr EAM N4QEWV VPUI76NCEA25ARBORZP3XZRZ                                                                                                |
| 16-06 | 1630 | June Day   | 49 chr EAM N4IDWF JT4SE764SBFJ3QGRBIAP6OS4TQ5J3PJR73AM2RHBPG                                                                              |
| 16-06 | 1646 | June Day   | 30 chr EAM QSCKBA G6BXIIAO23U3JWDP3SGDSX6K                                                                                                |
| 16-06 | 1650 | June Day   | 30 chr EAM N46RZU NLJMHK2DLIQTWNIIJX72WMGA                                                                                                |
| 16-06 | 2052 | June Day   | 30 chr EAM QSHH5O OM2WAOY6HT73ESFGC4WBP6JO                                                                                                |
| 16-06 | 2100 | June Day   | 30 chr EAM QSHH5O OM2WAOY6HT73ESFGC4WBP6JO                                                                                                |
| 16-06 | 2102 | June Day   | 30 chr EAM QSVZP7 TASV2QDIQVFDVQEN22FHOJYL                                                                                                |
| 16-06 | 2130 | June Day   | 30 chr EAM QSHH5O OM2WAOY6HT73ESFGC4WBP6JO                                                                                                |
| 16-06 | 2133 | June Day   | 30 chr EAM QSVZP7 TASV2QDIQVFDVQEN22FHOJYL                                                                                                |
| 16-06 | 2200 | June Day   | 30 chr EAM QSHH5O OM2WAOY6HT73ESFGC4WBP6JO                                                                                                |
| 16-06 | 2202 | June Day   | 30 chr EAM QSHH5O OM2WAOY6HT73ESFGC4WBP6JO                                                                                                |
| 16-06 | 2204 | June Day   | 30 chr EAM QSVZP7 TASV2QDIQVFDVQEN22FHOJYL                                                                                                |
| 16-06 | 2230 | June Day   | 30 chr EAM QSHH5O OM2WAOY6HT73ESFGC4WBP6JO                                                                                                |
| 16-06 | 2232 | June Day   | 30 chr EAM QSVZP7 TASV2QDIQVFDVQEN22FHOJYL                                                                                                |
| 16-06 | 2300 | June Day   | 34 chr EAM N4BT2G OZRP5VTYI33X4GLWSV2UQW7HV4                                                                                              |
| 17-06 | 0027 | Lock Box   | 30 chr EAM N4GMTX XIT5ZUVVIMVMMWQBS3ZJDWU                                                                                                 |
| 17-06 | 0109 | Lock Box   | 51 chr EAM N4TAT2 CN2IXKIKFBSWVLY7WVLEBJ43MOABVXL7JIARMAVQ3HPL                                                                            |
| 17-06 | 0333 | Lock Box   | 30 chr EAM QSW3ZC 6LXIB6B2DOGBY23BBPCKIW                                                                                                  |
| 17-06 | 0355 | Lock Box   | 30 chr EAM QSMEL4 LFNICWI7WOQI6CNOPS2GUNX                                                                                                 |
| 17-06 | 0400 | Lock Box   | 30 chr EAM QSEULB KGE4QJV4ALVPQWXXXWNLT7GD                                                                                                |
| 17-06 | 0403 | Lock Box   | 30 chr EAM QSEULB KGE4QJV4ALVPQWXXXWNLT7GD                                                                                                |
| 17-06 | 0408 | Lock Box   | 30 chr EAM QSEULB KGE4QJV4ALVPQWXXXWNLT7GD                                                                                                |
| 17-06 | 0410 | Lock Box   | 30 chr EAM QSMEL4 LFNICWI7WOQI6CNOPS2GUNX                                                                                                 |
| 17-06 | 0412 | Lock Box   | 30 chr EAM QSW3ZC 6LXIB6B2DOGBY23BBPCKIW                                                                                                  |
| 17-06 | 0430 | Lock Box   | 30 chr EAM QSEULB KGE4QJV4ALVPQWXXXWNLT7GD                                                                                                |
| 17-06 | 0432 | Lock Box   | 30 chr EAM QSMEL4 LFNICWI7WOQI6CNOPS2GUNX                                                                                                 |
| 17-06 | 0435 | Lock Box   | 30 chr EAM QSW3ZC 6LXIB6B2DOGBY23BBPCKIW                                                                                                  |
| 17-06 | 0500 | Lock Box   | 30 chr EAM QSP3LO 7JBKED34G4JPZNYRDKMLNEOJ                                                                                                |
| 17-06 | 1434 | Lock Box   | 30 chr EAM QSSDBI CGRQAURK5A5RFI6PHWDJLUI                                                                                                 |
| 17-06 | 1438 | Lock Box   | 30 chr EAM QSDNPI SEGP67TSNEWWYD52R3PPZLNK                                                                                                |
| 17-06 | 1443 | Lock Box   | 30 chr EAM QSQU2T GVBPRIF5X7EUSVAMBEXHSO                                                                                                  |
| 17-06 | 1447 | Lock Box   | 30 chr EAM QSKLWI LOYH267YHYQR7BZB2BKH6 off                                                                                               |
| 17-06 | 2130 | Lock Box   | 120 chr EAM 7AISEA CCRQVL6IUWZ2O4F22J3IGDC22F3KHDN6NXNN2222KC7A5VVDDKUJTV<br>TVT3CCCCWU22LUUZRVA65ZNWZ5XXXXOVGAGS4HGFAGYHZIAIIIIUHE7DV2UR |
| 17-06 | 2234 | Lock Box   | 30 chr EAM QSEEKE IWTVQHXYBULLPDCIDEMXDZEC                                                                                                |
| 17-06 | 2335 | Lock Box   | 30 chr EAM QSEEKE IWTVQHXYBULLPDCIDEMXDZEC                                                                                                |
| 18-06 | 0000 | Bush Pilot | 30 chr EAM QSEEKE IWTVQHXYBULLPDCIDEMXDZEC                                                                                                |
| 18-06 | 0031 | Bush Pilot | 30 chr EAM QSEEKE IWTVQHXYBULLPDCIDEMXDZEC                                                                                                |
| 18-06 | 1641 | Bush Pilot | 30 chr EAM QST43F AGXHHDWNOWVYQ7IRQ4MSENQT                                                                                                |
| 18-06 | 1700 | Bush Pilot | 30 chr EAM QST43F AGXHHDWNOWVYQ7IRQ4MSENQT                                                                                                |
| 18-06 | 1730 | Bush Pilot | 30 chr EAM QST43F AGXHHDWNOWVYQ7IRQ4MSENQT                                                                                                |
| 18-06 | 1800 | Bush Pilot | 30 chr EAM QST43F AGXHHDWNOWVYQ7IRQ4MSENQT                                                                                                |
| 18-06 | 1830 | Bush Pilot | 30 chr EAM QST43F AGXHHDWNOWVYQ7IRQ4MSENQT                                                                                                |
| 18-06 | 1946 | Bush Pilot | 30 chr EAM for Crab-4 N4DLOJ QEFXTGZ4QEYLYZ6RRANUPMVB                                                                                     |
| 18-06 | 1956 | Bush Pilot | 30 chr EAM QSMPYX WGDND5EYOX7D5GDNTVOTQUIX                                                                                                |
| 18-06 | 2000 | Bush Pilot | 30 chr EAM QSMPYX WGDND5EYOX7D5GDNTVOTQUIX                                                                                                |



|       |      |            |                                                                                                                                                                   |
|-------|------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18-06 | 2016 | Bush Pilot | 30 chr EAM QSWYBL PGZSTYYNJBSPUQ4WKEN3WRM                                                                                                                         |
| 18-06 | 2030 | Bush Pilot | 30 chr EAM QSWYBL PGZSTYYNJBSPUQ4WKEN3WRM                                                                                                                         |
| 18-06 | 2033 | Bush Pilot | 30 chr EAM QSMPYX WGDND5EYOX7D5GDNTVOTQUIX                                                                                                                        |
| 18-06 | 2100 | Bush Pilot | 30 chr EAM QSWYBL PGZSTYYNJBSPUQ4WKEN3WRM                                                                                                                         |
| 18-06 | 2102 | Bush Pilot | 30 chr EAM QSMPYX WGDND5EYOX7D5GDNTVOTQUIX                                                                                                                        |
| 18-06 | 2157 | Bush Pilot | 30 chr EAM QS2C2H 3CDOG7VGG3R6WL6UBGWTS4F7                                                                                                                        |
| 18-06 | 2200 | Bush Pilot | 30 chr EAM QS2C2H 3CDOG7VGG3R6WL6UBGWTS4F7                                                                                                                        |
| 18-06 | 2202 | Bush Pilot | 30 chr EAM QSWYBL PGZSTYYNJBSPUQ4WKEN3WRM                                                                                                                         |
| 18-06 | 2230 | Bush Pilot | 30 chr EAM QS2C2H 3CDOG7VGG3R6WL6UBGWTS4F7                                                                                                                        |
| 18-06 | 2300 | Bush Pilot | 30 chr EAM QS2C2H 3CDOG7VGG3R6WL6UBGWTS4F7                                                                                                                        |
| 18-06 | 2330 | Bush Pilot | 30 chr EAM QS2C2H 3CDOG7VGG3R6WL6UBGWTS4F7                                                                                                                        |
| 19-06 | 1517 | Safe Call  | 30 chr EAM for ??? N4TUQU RX3HXS RD67HVHGNIX45KJDZ7                                                                                                               |
| 19-06 | 1547 | Safe Call  | 30 chr EAM QSHW73 UWBBR6XE3HDGI43UXBRSHZF7                                                                                                                        |
| 19-06 | 1600 | Safe Call  | 30 chr EAM QSHW73 UWBBR6XE3HDGI43UXBRSHZF7                                                                                                                        |
| 19-06 | 1603 | Safe Call  | 30 chr EAM QSHW73 UWBBR6XE3HDGI43UXBRSHZF7                                                                                                                        |
| 19-06 | 1630 | Safe Call  | 30 chr EAM QSHW73 UWBBR6XE3HDGI43UXBRSHZF7                                                                                                                        |
| 19-06 | 1700 | Safe Call  | 30 chr EAM QSHW73 UWBBR6XE3HDGI43UXBRSHZF7                                                                                                                        |
| 19-06 | 1730 | Safe Call  | 30 chr EAM QSHW73 UWBBR6XE3HDGI43UXBRSHZF7                                                                                                                        |
| 19-06 | 2333 | Safe Call  | 30 chr EAM QSKAX4 EMLQUVTC3VCOONF2H33ZVBJ4                                                                                                                        |
| 20-06 | 0000 | Patchwork  | 30 chr EAM QSKAX4 EMLQUVTC3VCOONF2H33ZVBJ4                                                                                                                        |
| 20-06 | 0030 | Patchwork  | 30 chr EAM QSKAX4 EMLQUVTC3VCOONF2H33ZVBJ4                                                                                                                        |
| 20-06 | 0100 | Patchwork  | 30 chr EAM QSKAX4 EMLQUVTC3VCOONF2H33ZVBJ4                                                                                                                        |
| 20-06 | 0138 | Patchwork  | 30 chr EAM QSKAX4 EMLQUVTC3VCOONF2H33ZVBJ4                                                                                                                        |
| 20-06 | 1804 | Patchwork  | 30 chr EAM QS6RHP 7AEZ6GONVYASAVNKDBSM3ZYT                                                                                                                        |
| 20-06 | 1830 | Patchwork  | 30 chr EAM QS6RHP 7AEZ6GONVYASAVNKDBSM3ZYT                                                                                                                        |
| 20-06 | 1900 | Patchwork  | 30 chr EAM QS6RHP 7AEZ6GONVYASAVNKDBSM3ZYT                                                                                                                        |
| 20-06 | 1930 | Patchwork  | 30 chr EAM QS6RHP 7AEZ6GONVYASAVNKDBSM3ZYT                                                                                                                        |
| 20-06 | 1932 | Patchwork  | 30 chr EAM QSBPWD OPIQSRFLJAO5GPR2HEZLI4VU                                                                                                                        |
| 20-06 | 2000 | Patchwork  | 30 chr EAM QSBPWD OPIQSRFLJAO5GPR2HEZLI4VU                                                                                                                        |
| 20-06 | 2002 | Patchwork  | 30 chr EAM QS6RHP 7AEZ6GONVYASAVNKDBSM3ZYT                                                                                                                        |
| 20-06 | 2030 | Patchwork  | 30 chr EAM QSBPWD OPIQSRFLJAO5GPR2HEZLI4VU                                                                                                                        |
| 20-06 | 2100 | Patchwork  | 30 chr EAM QSBPWD OPIQSRFLJAO5GPR2HEZLI4VU                                                                                                                        |
| 20-06 | 2130 | Patchwork  | 30 chr EAM QSBPWD OPIQSRFLJAO5GPR2HEZLI4VU                                                                                                                        |
| 20-06 | 2140 | Patchwork  | 108 chr EAM 7ADQ4Y 3QFTVL6L7N3TNEWRBWP6FPJFZLHUUCIAT66XKKDWWFTBZOYZA<br>BBJHPYQKY3GCBNIQJLX2HKCJOS4H6ZDBFGEHD2LQXJOZGK6DHZ6S                                      |
| 21-06 | 1502 | Neon Lamp  | 30 chr EAM for Region Charlie N4DHKX DQZCNYVLJY4EAWPTTCWP5COW                                                                                                     |
| 21-06 | 1700 | Neon Lamp  | 30 chr EAM N4BRSE SLZ5NT4XKYBLZFMTEJJVEKWW                                                                                                                        |
| 21-06 | 1730 | Neon Lamp  | 30 chr EAM QSBXYJ C2NCDY6V2IOW4UCSZBE2B6LF                                                                                                                        |
| 21-06 | 1733 | Neon Lamp  | 30 chr EAM QSFH2 37JK4WPK7S43WO7VJX2T3LMD                                                                                                                         |
| 21-06 | 1800 | Neon Lamp  | 30 chr EAM QSFH2 37JK4WPK7S43WO7VJX2T3LMD                                                                                                                         |
| 21-06 | 1802 | Neon Lamp  | 30 chr EAM QSBXYJ C2NCDY6V2IOW4UCSZBE2B6LF                                                                                                                        |
| 21-06 | 1830 | Neon Lamp  | 30 chr EAM QSFH2 37JK4WPK7S43WO7VJX2T3LMD                                                                                                                         |
| 21-06 | 1832 | Neon Lamp  | 30 chr EAM QSBXYJ C2NCDY6V2IOW4UCSZBE2B6LF                                                                                                                        |
| 22-06 | 0643 | Pretender  | 30 chr EAM QSSXTD MNIUKRFEHBN4LEWMTKYG4PDZ                                                                                                                        |
| 22-06 | 0700 | Pretender  | 30 chr EAM QSIINL 5SUKVF5S3OSQ5CP4C6CUDC5Z                                                                                                                        |
| 22-06 | 0702 | Pretender  | 30 chr EAM QSSXTD MNIUKRFEHBN4LEWMTKYG4PDZ                                                                                                                        |
| 22-06 | 1735 | Pretender  | 142 chr EAM 7ASLHD WKPEMCDG6DSYV6NT3N7QG2QA6VRXQB7Q4Y4YYYY3NSDYEWSZY5<br>KWCKLWKIIIMDQHMZ3JVDSDQDDFVMMMMADMNJRIBGKRGEEI66FFFFYXDQ7BZ7AF3T<br>ZWUQGGUUUUULGO73DW62 |
| 22-06 | 1825 | Pretender  | 30 chr EAM for Boldface N4VKLR QWBHKQPBGEU5KYSUDNTYDJCJ                                                                                                           |
| 22-06 | 2212 | Pretender  | 30 chr EAM 254PBS 4GZMDEIEASGOOVL7C3J6LPG                                                                                                                         |
| 22-06 | 2215 | Pretender  | 30 chr EAM 25FV7L BJR64HQYEFVFXETD4GOKXDH                                                                                                                         |
| 22-06 | 2233 | Pretender  | 30 chr EAM 25N3CL 622FUX7S6TIPA3PBCHVCGKTN                                                                                                                        |
| 22-06 | 2235 | Pretender  | 30 chr EAM 25FV7L BJR64HQYEFVFXETD4GOKXDH                                                                                                                         |
| 22-06 | 2238 | Pretender  | 30 chr EAM 254PBS 4GZMDEIEASGOOVL7C3J6LPG                                                                                                                         |
| 22-06 | 2300 | Pretender  | 30 chr EAM 25N3CL 622FUX7S6TIPA3PBCHVCGKTN                                                                                                                        |
| 22-06 | 2303 | Pretender  | 30 chr EAM 25E5CX FFNEZY7ELC7LW43SX26K4LVA                                                                                                                        |
| 22-06 | 2307 | Pretender  | 30 chr EAM 255JSS 432LXIAGT2O34OWFPGFJKNTD                                                                                                                        |
| 22-06 | 2311 | Pretender  | 30 chr EAM 25FV7L BJR64HQYEFVFXETD4GOKXDH                                                                                                                         |
| 22-06 | 2313 | Pretender  | 30 chr EAM 254PBS 4GZMDEIEASGOOVL7C3J6LPG                                                                                                                         |
| 23-06 | 0203 | Resurgent  | 30 chr EAM for Rodhood? N4UGQL T5FHT7KPQ672RV7S6FKH52ZG                                                                                                           |
| 23-06 | 0237 | Resurgent  | 30 chr EAM for Rodhood? N4X4VO D2H6E5RLDSV7UICSLXLUMU2J                                                                                                           |

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|-------|------|-----------|--------------------------------------------------------------------------|
| 23-06 | 0247 | Resurgent | 30 chr EAM 25W4ZQ FE2YYGZFRVUJJPVRXAVSVLK76                              |
| 23-06 | 0301 | Resurgent | 30 chr EAM 25W4ZQ FE2YYGZFRVUJJPVRXAVSVLK76                              |
| 23-06 | 0332 | Resurgent | 30 chr EAM 25W4ZQ FE2YYGZFRVUJJPVRXAVSVLK76                              |
| 23-06 | 0400 | Resurgent | 30 chr EAM 25W4ZQ FE2YYGZFRVUJJPVRXAVSVLK76                              |
| 23-06 | 0430 | Resurgent | 30 chr EAM 25W4ZQ FE2YYGZFRVUJJPVRXAVSVLK76                              |
| 23-06 | 1717 | Resurgent | 30 chr EAM for Whizzkid? N4BJK3 MOQJNFMQKVVBX5IWNIFTZRRSM                |
| 23-06 | 2035 | Resurgent | 30 chr EAM for ??? N4FOBT AOWVHBCQ2POJBICAQS35OMS                        |
| 24-06 | 1822 | Powerkit  | 30 chr EAM 25MD6D XHUZGOFXIICN762I2NG5ZQT3                               |
| 24-06 | 1830 | Powerkit  | 30 chr EAM 25MD6D XHUZGOFXIICN762I2NG5ZQT3                               |
| 24-06 | 1832 | Powerkit  | 30 chr EAM for Broadhurst N4TTAP CTF3TGO3ZSSCYG36C2WTZ4LR                |
| 24-06 | 1835 | Powerkit  | 30 chr EAM 25X3GD BE7AC6DYFJXEPBZSABGVHNYQ                               |
| 24-06 | 1845 | Powerkit  | 30 chr EAM for Broadhurst N4L7HI QFOY632A6Z4IHXMUOULZLOP5                |
| 24-06 | 1900 | Powerkit  | 30 chr EAM 25MD6D XHUZGOFXIICN762I2NG5ZQT3                               |
| 24-06 | 1903 | Powerkit  | 30 chr EAM 25X3GD BE7AC6DYFJXEPBZSABGVHNYQ                               |
| 24-06 | 1932 | Powerkit  | 30 chr EAM 255AQZ Z366IJ2P7CPDEGHHW5UDX4ZH                               |
| 24-06 | 1935 | Powerkit  | 30 chr EAM 25MD6D XHUZGOFXIICN762I2NG5ZQT3                               |
| 24-06 | 1937 | Powerkit  | 30 chr EAM 25X3GD BE7AC6DYFJXEPBZSABGVHNYQ                               |
| 24-06 | 2000 | Powerkit  | 30 chr EAM 255AQZ Z366IJ2P7CPDEGHHW5UDX4ZH                               |
| 24-06 | 2002 | Powerkit  | 30 chr EAM 25MD6D XHUZGOFXIICN762I2NG5ZQT3                               |
| 24-06 | 2004 | Powerkit  | 30 chr EAM 25X3GD BE7AC6DYFJXEPBZSABGVHNYQ                               |
| 24-06 | 2030 | Powerkit  | 30 chr EAM 255AQZ Z366IJ2P7CPDEGHHW5UDX4ZH                               |
| 25-06 | 1900 | Geomatic  | 30 chr EAM 25PY6N SK6SMU5KXSWHRPTUPUBG3H4L                               |
| 25-06 | 1900 | Geomatic  | 30 chr EAM 25PY6N SK6SMU5KXSWHRPTUPUBG3H4L                               |
| 25-06 | 1958 | Geomatic  | 30 chr EAM 25FDGM TIA6OBML7ZSAVWIJF3D26PFT                               |
| 25-06 | 2000 | Geomatic  | 30 chr EAM 25FDGM TIA6OBML7ZSAVWIJF3D26PFT                               |
| 25-06 | 2030 | Geomatic  | 30 chr EAM 25FDGM TIA6OBML7ZSAVWIJF3D26PFT                               |
| 25-06 | 2032 | Geomatic  | 30 chr EAM 25PY6N SK6SMU5KXSWHRPTUPUBG3H4L                               |
| 25-06 | 2100 | Geomatic  | 30 chr EAM 25FDGM TIA6OBML7ZSAVWIJF3D26PFT                               |
| 25-06 | 2130 | Geomatic  | 30 chr EAM 25FDGM TIA6OBML7ZSAVWIJF3D26PFT                               |
| 25-06 | 2142 | Geomatic  | 30 chr EAM 25HG7B NIPZHO7L74Y23AWDF4E3CHWL                               |
| 25-06 | 2147 | Geomatic  | 30 chr EAM 25HG7B NIPZHO7L74Y23AWDF4E3CHWL                               |
| 25-06 | 2230 | Geomatic  | 30 chr EAM 25HG7B NIPZHO7L74Y23AWDF4E3CHWL                               |
| 25-06 | 2234 | Geomatic  | 30 chr EAM 25HG7B NIPZHO7L74Y23AWDF4E3CHWL                               |
| 25-06 | 2300 | Geomatic  | 30 chr EAM 25HG7B NIPZHO7L74Y23AWDF4E3CHWL                               |
| 25-06 | 2330 | Geomatic  | 30 chr EAM 25HG7B NIPZHO7L74Y23AWDF4E3CHWL                               |
| 25-06 | 2333 | Geomatic  | 30 chr EAM 25HG7B NIPZHO7L74Y23AWDF4E3CHWL                               |
| 27-06 | 1133 | Ringbull  | 47 chr EAM N44VOS Q23WH6KG2TCJE6REJE6UQ22CN2OYIOH7YRB332DIS              |
| 27-06 | 1933 | Ringbull  | 30 chr EAM 255KMF TNE2NYHFRU2Y6KDWIHB4KISP                               |
| 27-06 | 1943 | Ringbull  | 30 chr EAM 25XEMZ GSBFGYNDBD6EPLURBBHY2U5R                               |
| 27-06 | 2000 | Ringbull  | 30 chr EAM 25XEMZ GSBFGYNDBD6EPLURBBHY2U5R                               |
| 27-06 | 2002 | Ringbull  | 30 chr EAM 255KMF TNE2NYHFRU2Y6KDWIHB4KISP                               |
| 27-06 | 2030 | Ringbull  | 30 chr EAM 25XEMZ GSBFGYNDBD6EPLURBBHY2U5R                               |
| 27-06 | 2036 | Ringbull  | 30 chr EAM 255KMF TNE2NYHFRU2Y6KDWIHB4KISP                               |
| 28-06 | 1457 | Farm Boy  | 30 chr EAM N4PWAA FTXPIYGBJVJAWOAU4GVLXI                                 |
| 28-06 | 1550 | Farm Boy  | 60 chr EAM N4G6T3 UYDZ2BPKXO6W3WKXW3WNXW3WCEXZ6GG4FOQFFP4TDAG4FEQIDR3L4P |
| 28-06 | 1602 | Farm Boy  | 30 chr EAM N4OZZ4 5MASUNXH3TSGGPI4U2TRGBCH                               |
| 28-06 | 1732 | Farm Boy  | 30 chr EAM 253XEF YP46GWPNMXRC43AQPYRQWNST                               |
| 28-06 | 1836 | Farm Boy  | 30 chr EAM 25XS3B 2B7BNLWVLFYSY6ZAN2A6QF2Y                               |
| 28-06 | 1902 | Farm Boy  | 30 chr EAM 25XS3B 2B7BNLWVLFYSY6ZAN2A6QF2Y                               |
| 28-06 | 1930 | Farm Boy  | 30 chr EAM 25XS3B 2B7BNLWVLFYSY6ZAN2A6QF2Y                               |
| 28-06 | 2000 | Farm Boy  | 30 chr EAM 25XS3B 2B7BNLWVLFYSY6ZAN2A6QF2Y                               |
| 29-06 | 0037 | Composer  | 30 chr EAM N4N3NS R2OB34AQQ2XEU7SAITXFG46I                               |
| 29-06 | 0046 | Composer  | 30 chr EAM 25W7QN YA3UYDTK434Z6AVWJOVS4C2U                               |
| 29-06 | 0054 | Composer  | 30 chr EAM 25O36N SA7SSN3ARRHIUBJXVRITB3FW                               |
| 29-06 | 0100 | Composer  | 30 chr EAM 25O36N SA7SSN3ARRHIUBJXVRITB3FW                               |
| 29-06 | 1002 | Composer  | 30 chr EAM 25W7QN YA3UYDTK434Z6AVWJOVS4C2U                               |
| 29-06 | 2000 | Composer  | 30 chr EAM 25O36N SA7SSN3ARRHIUBJXVRITB3FW                               |
| 29-06 | 2002 | Composer  | 30 chr EAM 25W7QN YA3UYDTK434Z6AVWJOVS4C2U                               |
| 29-06 | 0230 | Composer  | 30 chr EAM 25O36N SA7SSN3ARRHIUBJXVRITB3FW                               |
| 29-06 | 0232 | Composer  | 30 chr EAM 25W7QN YA3UYDTK434Z6AVWJOVS4C2U                               |
| 29-06 | 1313 | Composer  | 30 chr EAM for Abridge N4SNKZ L3VNVCSNS4KX7QCPNPGJI7CE                   |
| 29-06 | 1347 | Composer  | 28 chr EAM N4CLOP 4WOX3F6WSUIXCT7WNPUEO                                  |

|       |      |           |                                                             |
|-------|------|-----------|-------------------------------------------------------------|
| 29-06 | 1632 | Composer  | 30 chr EAM for Play Voltage? N4CBFO SQWH35CIPSTOD4WQ3SDHIHA |
| 29-06 | 2237 | Composer  | 30 chr EAM 254FG3 AW67VE2LPYDRFZW4XBDMNAZ                   |
| 29-06 | 2300 | Composer  | 30 chr EAM 254FG3 AW67VE2LPYDRFZW4XBDMNAZ                   |
| 29-06 | 2330 | Composer  | 30 chr EAM 254FG3 AW67VE2LPYDRFZW4XBDMNAZ                   |
| 30-06 | 0000 | Bernadine | 30 chr EAM 254FG3 AW67VE2LPYDRFZW4XBDMNAZ                   |
| 30-06 | 0036 | Bernadine | 30 chr EAM 2532VP W4KJUWIBQFZLQJBUDPD2NYGC                  |
| 30-06 | 0038 | Bernadine | 30 chr EAM 254FG3 AW67VE2LPYDRFZW4XBDMNAZ                   |
| 30-06 | 0108 | Bernadine | 30 chr EAM 2532VP W4KJUWIBQFZLQJBUDPD2NYGC                  |
| 30-06 | 0130 | Bernadine | 30 chr EAM 2532VP W4KJUWIBQFZLQJBUDPD2NYGC                  |
| 30-06 | 0237 | Bernadine | 30 chr EAM 2532VP W4KJUWIBQFZLQJBUDPD2NYGC                  |
| 30-06 | 0423 | Bernadine | 30 chr EAM 253VB4 XXMWBT6UHRLOCJXV2RTWG67                   |
| 30-06 | 0430 | Bernadine | 30 chr EAM 253VB4 XXMWBT6UHRLOCJXV2RTWG67                   |
| 30-06 | 1505 | Bernadine | 30 chr EAM N44GQT B4XNIO6ALPZKL5T4XR45LI5                   |
| 30-06 | 1522 | Bernadine | 34 chr EAM N47LAX KSCWBOWFWVJYGD72LRKLH624ZOSA              |
| 30-06 | 1525 | Bernadine | 34 chr EAM N4GQN2 UAYVNCCLKLT2E4CK4BV7HMERIOVKJ             |
| 30-06 | 1637 | Bernadine | 30 chr EAM 25LFGY RRYQW2Z4H35YDHK2S5IED7FL                  |

## RUSSIAN MILITARY TRANSCRIPTS

Excerpts from messages submitted by AB, JPL, F5JBR, MH2, Anon

### Voice transmissions

Russian Military voice traffic

Znamya has a Mon-Thu schedule. Often also on Fri. Time: ca 1411 UTC on 5045 kHz. A female operator reads the message most of the time and sometimes a male operator. The standard format is as follows:

Several 10 counts followed by

*Цапля, Цапля, Я Знамя, примите радиogramму. Сигнал 3159. 16 часов 15 минут конец связи*

*Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4124. 16 chasov 15 minut konec svyazi*

*Translation: Tsaplya, Tsaplya, here is Znamya, accept radiogram. Signal 3159. 16 hours 15 minutes, end of communication*

The time mentioned marks the end time of the transmission. Depending of the start time the minutes can change.

|                 |                                                                                                |
|-----------------|------------------------------------------------------------------------------------------------|
| 01-06, 1410 UTC | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 1523. 16 chasov 13 minut konec svyazi |
| 02-06, 1411 UTC | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4124. 16 chasov 14 minut konec svyazi |
| 06-06, 1413 UTC | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3465. 16 chasov 15 minut konec svyazi |
| 07-06, 1412 UTC | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3454. 16 chasov 14 minut konec svyazi |
| 08-06, 1413 UTC | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2879. 16 chasov 15 minut konec svyazi |
| 09-06, 1415 UTC | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2167. 16 chasov 16 minut konec svyazi |
| 10-06, 1410 UTC | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3159. 16 chasov 13 minut konec svyazi |

No transmissions after June 10<sup>th</sup>.

### Morse transmissions

Russian Military morse traffic

**4282 kHz, 01-06, 1902 UTC, i.p.**

RGR87 DE RGR99 ZSA 2 R K

RGR88 DE RGR99 ZSA ? K

RGR99 DE RGR88 ZSA 3 ZSA ? K

RGR88 DE RGR99 ZSA 2 R K

RGR89 DE RGR99 ZSA ? K

RGR99 DE RGR89 ZSA 2 ZSA ? K

RGR89 DE RGR99 ZSA 2 R K

RGR90 DE RGR99 ZSA ? K

RGR99 DE RGR90 ZSA 4 ZSA ? K

RGR90 DE RGR99 ZSA 2 R K

RGR91 DE RGR99 ZSA ? K

RFG99 DE RGR91 ZSA 4 ZSA ? K  
RGR91 DE RGR99 ZSA 2 R K  
RGR92 DE RGR99 ZSA ? K  
RGR99 DE RGR92 ZSA 3 ZSA ? K  
RGR92 DE RGR99 ZSA 1 R K  
RGR95 DE RGR99 ZSA ? K  
RGR96 DE RGR99 ZSA ? K  
RGR99 DE RGR96 ZSA 4 ZSA ? K  
RGR96 DE RGR99 ZSA3 R K  
RGR98 DE RGR99 ZSA ? K  
RGR99 DE RGR98 ZSA 4 ZSA ? K  
RGR98 DE RGR99 ZSA 3 R K

**13964 kHz, 03-06, 0857-0927 UTC, CW, i.p.**

22057 56775 88155 25811 57191 91708 23089 60745 95262 29781  
61160 95678 30197 64714 99231 30612 68268 12200 03020 =  
95723 31152 957 = 659 =  
68806 97048 34705 66084 94326 22569 50810 79052 10433 38674  
66916 95158 26538 54780 83022 11264 02644 67748 99127 24230  
55611 03021 K

QLX K  
QLX K  
LOTK LOTK LOTK QTC AR  
LOTK LOTK LOTK  
676 22 3 12 08 676 =  
DDDDD FJNZI PRRBR VANGM OBMOR VANGO OBMOR VANGO OBMOR CHDEIL  
RVQGE KINGT TT2RL GBQZN HWEAZ RONTT ZTsEFQ TsTsUPNI RWUFN MJFNT  
PEPWP K  
RK RK RK RK RK

RK QRV K  
BK BK 380 K

**7314 kHz, 06-06, 1500 UTC, i.p.**

FE4Q FE4Q FE4Q QTC AR  
FE4Q FE4Q FE4Q QTC AR  
FE4Q FE4Q FE4Q QTC AR  
FE4Q FE4Q FE4Q

904 33 620 15904 = 976 =  
11866 03174 53427 70640 27481 11449 41131 03259 66154 63447  
25848 27075 15042 52961 67117 16244 60740 72622 25537 80162  
81973 08517 81592 77115 26364 88370 55939 53606 12095 06030  
976 K

B6OI DE OUP9 R 904 ? K  
A7NH DE OUP9 R 904 ? K  
OTNW DE OUP9 R 904 ? K  
I17X DE OUP9 R 904 ? K  
1DIM DE OUP9 R 904 ? K  
TT2H DE OUP9 R 904 ? K  
VJE7 DE OUP9 R 904 ? K  
LAQ6 DE OUP9 R 904 ? K  
BX1Q DE OUP9 R 904 ? K  
R 904 ? K

|                            |
|----------------------------|
| Russian Navy morse traffic |
|----------------------------|

**6494.5 kHz, 13-06, 1510 UTC. Baltic Fleet. RCIZ wkg RMP (Kaliningrad)**

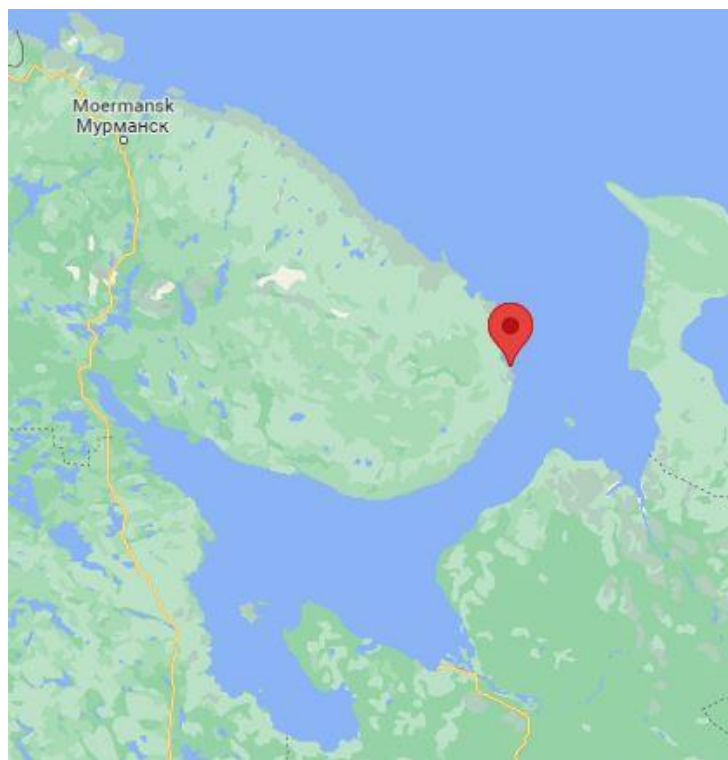
QTC SML 108 14 13 1805 108 = FOR RMP =  
58897 59553 39121 72116 01738 24311 16824 07784 86889 21233 09419 33850 13012 = AR RCIZ K

**4095.5 kHz, 13-06, 1543 UTC. Northern Fleet. UCZA9 wkg RJD99.**

SML 994 17 13 1815 994 = FOR RJZ4 RIF4 =

13151 99672 10413 41498 80000 10080 40080 57010 70222 88620 22200 00070 20101 88000 13014 = AR UCZA9 K

Location: <https://goo.gl/maps/bk98s7n2hG5TKhp06>

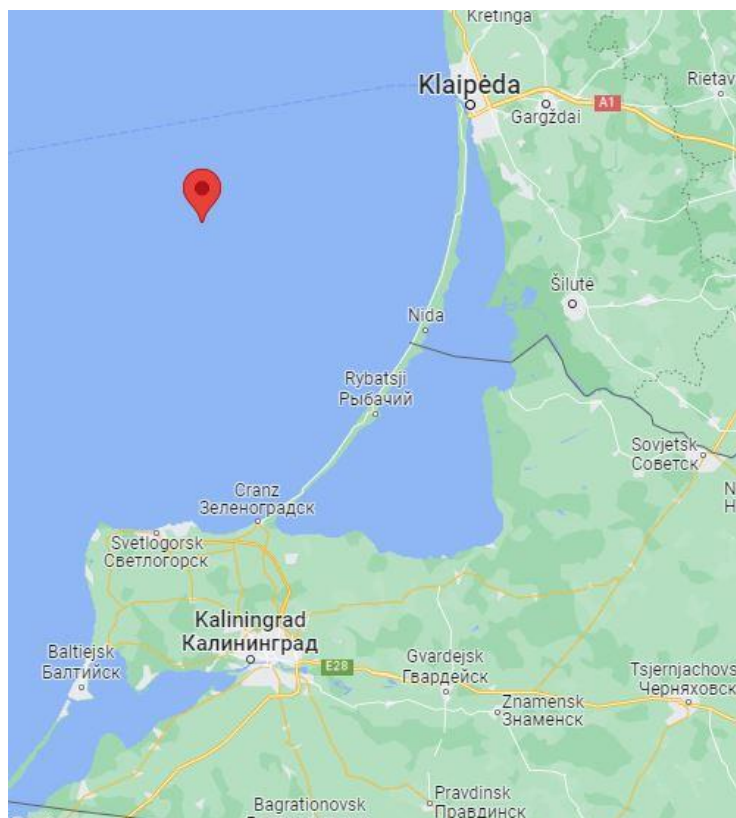


**6494.5 kHz, 13-06, 1802 UTC. QSX on 6461.5 kHz. Baltic Fleet. RMFE wkg RMP (Kaliningrad).**

QTC SML 823 17 13 2100 723 = FOR RJH45 RJD38 =

13181 99550 10203 44/98 62709 10152 400905 4000 7//// 86//// 22200 00140 2//// 3//// 13014 = AR RMFE K

Location: <https://goo.gl/maps/qEsMWvS4YwvJFT7RA>



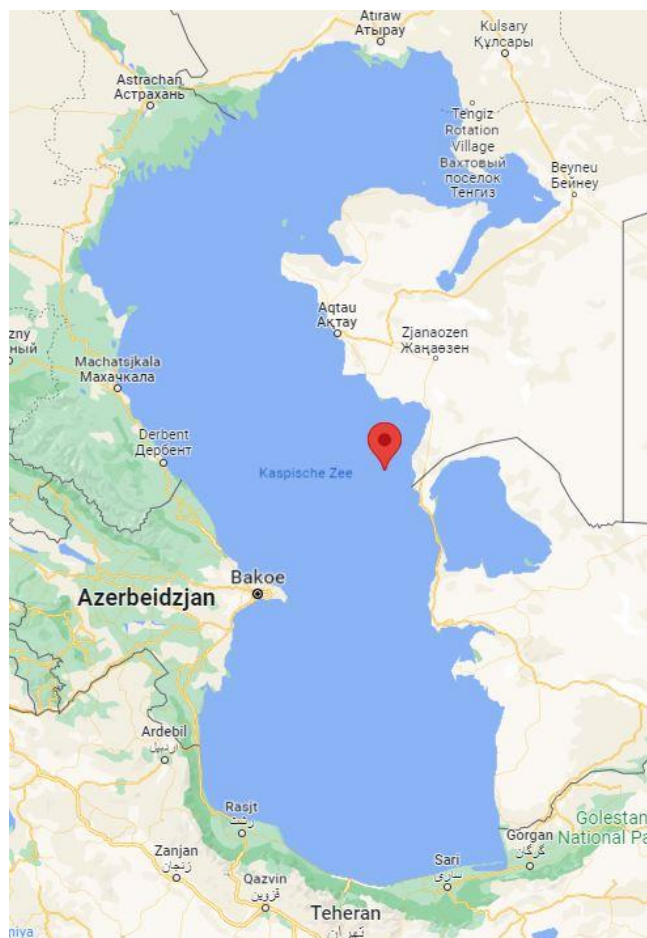


**3876 kHz, 13-06, 1807 UTC. Caspian Fleet. RMXy wkg RJD52**

QTC 122 17 13 2100 122 = FM RMXy FOR RJD52 RJD90 =

13181 99420 10520 41/98 92906 10310 4//// 5//// 70021 22282 299// 88000 80000 13013 = AR RMXy K

Location: <https://goo.gl/maps/boCFocrMtedQfbq6>



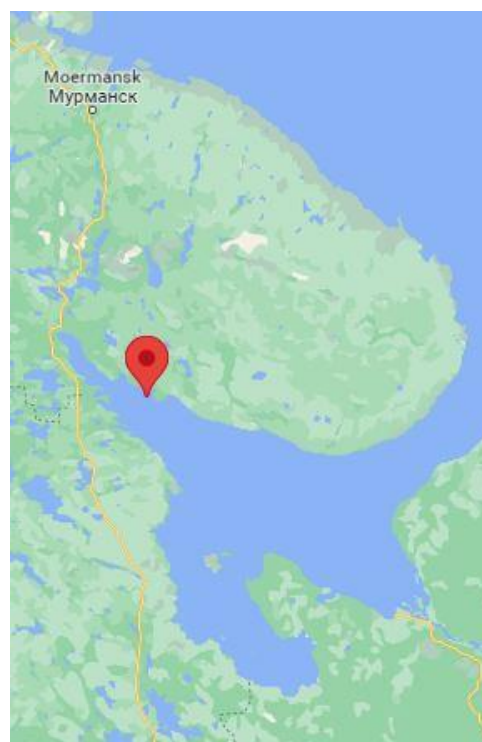
**4095.5 kHz, 13-06, 1809 UTC. Northern Fleet. UCAC2 wkg RJD99**

QTC SML 641 17 13 2101 641 = FOR RJZ4 RIF4 =

13181 99666 10343 41498 70000 12180 40040 52010 70122 87900

22200 00045 20000 880000 13014 = AR UCAC2 K

Location: <https://goo.gl/maps/hZyfhgbE3LSECKyGA>



**6494.5 kHz, 13-06, 1811 UTC. QsX on 6461.5 kHz. Baltic Fleet. RCLH wkg RMP (Kalaningrad)**

QTC SML 185 19 13 2110 185 = SML FOR RMJT =

13181 99563 10196 42497 63410 10142 40104 50015 82238 32251

00141 20506 32// 40830 08000 80000 13016 = AR RCLH K

Location: <https://goo.gl/maps/2dUBQP5WBtWHhxz2A>

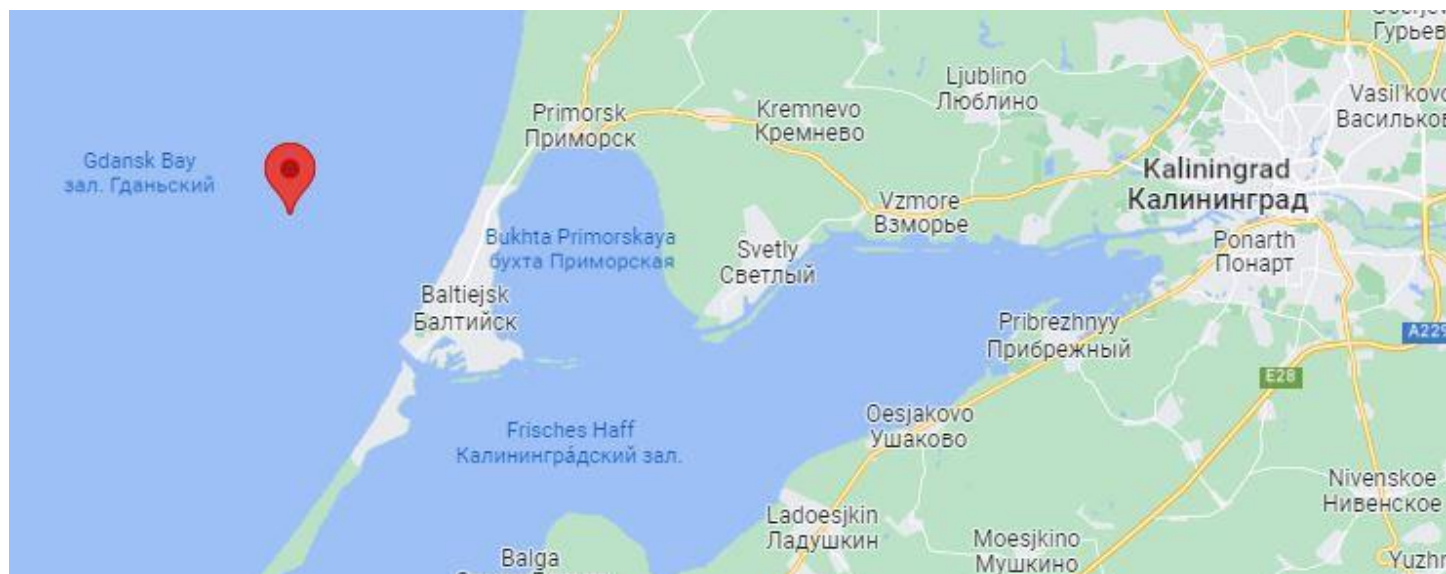


**6494.5 kHz, 13-06, 1816 UTC. QSX on 6461.5 kHz. Baltic Fleet. UCTA5 wkg RMP (Kaliningrad)**

QTC SML 645 16 13 2110 645 = SML FOR RJD38 REG98 =

13181 99547 10198 48698 63412 10180 10160 54000 70222 86250 22200 00240 13012 = AR UCTA4 K

Location: <https://goo.gl/maps/3Gby7amp154cdX4x7>



**8784 kHz, 21-06, 1930 UTC. Baltic fleet.**

In progress, RCIZ wkg RMP (Kaliningrad)

12627 96980 83904 54845 12092 94467 11371 62647  
37935 11787 91204 21159 50881 65162 63881 28826 11642 32701  
09188 87848 03562 28714 30745 49986 28997 78389 03868 69802  
50011 13136 42495 24486 21215 32178 51304 14458 83597 75359  
46772 90591 56144 34760 21491 82189 88093 71208 52808 62308  
74766 26331 65921 98596 74850 23320 87881 30345 62435 58256  
54892 91532 23335 54203 12664 59974 12698 92189 72755 18430  
23367 97027 21075 = AR RCIZ K

RMP DE RCIZ K

RCIZ QSL 888 ? K

RCIZ RPT

10433 08225 12627 96980 83904 54845 12092 94467 11371 62647  
37935 11787 91204 21159 50881 65162 63881 28826 11642 32701  
09188 87848 03562 28714 30745 49986 28997 78389 03868 69802  
50011 13136 42495 24486 21215 32178 51304 14458 83597 75359  
46772 90591 56144 34760 21491 82189 88093 71208 52808 62308  
74766 26331 65921 98596 74850 23320 87881 30345 62435 58256  
54892 91532 23335 54203 12664 59974 12698 92189 72755 18430  
23367 97027 21075 K

**14556 kHz, 17-06, 1025 UTC, i.p.**

...9433 12456 03001 17052 =

RPT AL AR RIW K

RIW RPT 943 54 17 1110 943 K

RIW RPT 75659 84210 09773 K

RIW RPT 84210 09773 77560 K

RIW RPT ?4216 ?7040 K

**14556 kHz, 17-06, 1041 UTC**

RIW NR 943 RPT 42 K

RIW NR 943 COR 42 22184 K

RIW NR 943 COR 53 17052 K

VVV RMJW RMJW DE RIW RIW QSA? K

RMJW DE RIW QCZ K

RMJW DE RIW QXX K

**10425 kHz, 24-07, 0700 UTC**

| RAL2                                                 | Response                 |
|------------------------------------------------------|--------------------------|
| RIB DE RAL2 K                                        | QSA3 ZNN SK              |
| RGH2 DE RAL2 K<br>QSA4 ZNN SK                        | RAL2 DE RGH2 RGH2 QSZ4 K |
| RHQ2 DE RAL2 K<br>QSA4 ZNN SK                        | RAL2 DE RHQ2 QSA3 K      |
| RBL6 DE RAL2 K<br>QSA4 K<br>(Q... unreadable) ZNN SK | RAL2 DE QBL6 QSA2 K      |
| RBL673 DE RAL2 K<br>RPT K                            | (unreadable)             |
| RBL673 DE RAL2 K<br>QSA4 ZNN SK<br>ZNN SK            | RAL2 DE RBL673 QSA1 K    |

Russian Navy T600 traffic

**16234 kHz, 12-06, 1542 UTC**

SYNC 1EB41EB2952

SESSION KEY: 64 34 1C 13 25 0B 51 52 34 34 0E 58 25 0B 26 54 4A 26 58 58 64 70 07 46 2A 19

1C 46 61 31 54 64 51 0D 15 58 4A 0E 38 0B 54 19  
51 15 16 70 51 0E 31 0D 51 0E 54 23 32 0E 2A 54  
19 38 0E 43 38 43 4A 4A 19 16 32 1A 62 2A 19 68  
61 62 68 58 16 70 61 38 0E 70 07 1A 2C 0E 52 64  
68 62 54 23 4C 1C 54 31 15 68 0E 34 23 2A 2A 1A  
23 07 4A 61 31 0B 0E 38 26 34 07 2A 25 25 61 51  
70 15 70 15 26 1C 32 0E 16 31 25 34 0D 26 52 07  
38 2A 15 54 0E 51 4A 61 23 54 64 0D 61 4C 2A 43  
32 13 16 61 2C 13 61 26 38 4A 25 38 52 15 4A 54  
0E 68 1A 70 68 64 61 13 32 25 51 46 64 31 52 4C  
4A 68 26 58 16 58 15 70 54 31 51 25 38 4C 23 1A  
25 0D 0D 34 0E 2A 2C 46 70 15 34 58 43 54 4A 62  
13 54 4C 51 38 54 2C 0E 15 58 2A 2C 38 15 51 32  
1C 54 43 0D 51 19 15 32 4A 4C 19 68 0D 4C 54 0D  
31 70 23 61 58 07 0B 68 54 2C 19 58 34 4A 34 0E  
70 64 07 25 43 32 19 13 15 34 0E 0B 23 15 2C 16  
1C 4A 51 16 54 70 0E 23 62 2C 70 38 68 62 46 23  
68 1A 25 70 1A 58 61 23 43 1A 43 13 26 0E 52 58  
0B 0E 13 0B 07 64 2C 70 15 0E 70 19 07 26 32 4C  
68 43 26 13 16 26 31 43 0B 51 19 0D 34 16 70 51  
70 07 31 0B 23 58 58 64 2A 1A 51 13 34 68 4A 54  
64 1A 38 32 54 43 64 13 0D 16 4C 43 38 1A 54 1A  
2C 0B 61 15 61 2A 4A 51 15 32 61 34 15 46 32 70  
0E 4C 15 25 54 07 07 43 54 25 58 2A 2C 64 62 07  
46 68 4C 0E 0B 46 07 1C 52 16 46 58 32 16 0D 07  
43 4A <EOM><EOM><EOM>

]

## LOGS SECTION

| Code        | Freq  | Date | UTC  | Day | Details                                                                                                      | Mode             | Contributor  |
|-------------|-------|------|------|-----|--------------------------------------------------------------------------------------------------------------|------------------|--------------|
| ---         | 7055  | 8-6  | 1635 | Wed | Russian and Ukrainian stations. Offensive messages. Later also rock music.                                   | LSB              | (AB)         |
| ---         | 7055  | 10-6 | 0703 | Fri | Propaganda                                                                                                   | LSB              | (AB)         |
| ---         | 7984  | 11-6 | 0200 | Sat | Chinese military 510, 510, 50352, respond if you get the info 549, 549, 504 calling, respond if you hear me  | LSB              | (Anon)       |
| ---         | 7055  | 13-6 | 1635 | Mon | Anti Russia slogans                                                                                          | LSB              | (AB)         |
| ---         | 7050  | 15-6 | 1721 | Wed | Russian and Ukrainian stations. Offensive messages.                                                          | LSB              | (AB)         |
| ---         | 7060  | 17-6 | 1651 | Fri | Rock music                                                                                                   | LSB              | (AB)         |
| ---         | 7055  | 17-6 | 1654 | Fri | Music                                                                                                        | LSB              | (AB)         |
| ---         | 7050  | 17-6 | 1716 | Fri | Russian and Ukrainian stations. Anti Russian and anti Ukraine slogans                                        | LSB              | (AB)         |
| ---         | 7050  | 18-6 | 0721 | Sat | Russian and Ukrainian stations. Anti Russian and anti Ukraine slogans                                        | LSB              | (AB)         |
| ---         | 7055  | 20-6 | 1659 | Mon | Unid data mode followed by waterfall text                                                                    | USB              | (AB)         |
| ---         | 7055  | 20-6 | 1703 | Mon | Music: popsong about Ukraine and anti Ukraine slogans: Ukrayins'ki svyni. Many stations on top of each other | LSB              | (AB)         |
| ---         | 7050  | 20-6 | 1707 | Mon | Anti Ukraine slogans: Ukrayins'ki svyni. Music                                                               | LSB              | (AB)         |
| ---         | 7060  | 20-6 | 1745 | Mon | Pop music and talks hopping between 7060 and 7063 kHz. Same station as earlier on 7055 kHz                   | USB              | (AB)         |
| ---         | 7063  | 20-6 | 1748 | Mon | Pop music and talks hopping between 7060 and 7063 kHz. Same station as earlier on 7055 kHz                   | USB              | (AB)         |
| ---         | 7055  | 29-6 | 1702 | Wed | Anti Russia/anti Putin messages                                                                              | LSB              | (AB)         |
| ---         | 7050  | 29-6 | 1704 | Wed | Song about Ukraine interfered by a guy with pro Russia propaganda                                            | LSB              | (AB)         |
| <b>DPRK</b> | 12400 | 3-6  | 0808 | Fri | North Korean diplo                                                                                           | DPRK-ARQ 600 LSB | (AB)         |
| <b>E06</b>  | 14932 | 2-6  | 0300 | Thu | 361 479 50 04417 84428 21267 ... 43354 12482 24149 479 50 00000                                              | USB              | (PY/HFD-CHN) |
| <b>E06</b>  | 12212 | 2-6  | 0400 | Thu | 361 479 50 04417 84428 21267 ... 43354 12482 24149 479 50 00000                                              | USB              | (PY/HFD-CHN) |
| <b>E06</b>  | 13985 | 2-6  | 0500 | Thu | 328 619 54 37661 71415 66404 ... 12458 03395 98572 619 54 00000                                              | USB              | (AB-RUS/HFD) |
| <b>E06</b>  | 15830 | 2-6  | 0600 | Thu | 328 619 54 37661 71415 66404 ... 12458 03395 98572 619 54 00000                                              | USB              | (AB-RUS/HFD) |
| <b>E06</b>  | 14932 | 3-6  | 0300 | Fri | 361 479 50 04417 84428 21267 ... 43354 12482 24149 479 50 00000                                              | USB              | (PY)         |
| <b>E06</b>  | 12212 | 3-6  | 0400 | Fri | 361 479 50 04417 84428 21267 ... 43354 12482 24149 479 50 00000                                              | USB              | (PY)         |
| <b>E06</b>  | 13985 | 3-6  | 0500 | Fri | 328 619 54 37661 71415 66404 ... 12458 03395 98572 619 54 00000                                              | USB              | (AB-RUS)     |
| <b>E06</b>  | 15830 | 3-6  | 0600 | Fri | 328 619 54 37661 71415 66404 ... 12458 03395 98572 619 54 00000                                              | USB              | (AB-RUS)     |
| <b>E06</b>  | 11557 | 6-6  | 0210 | Mon | 537 284 35 63294 25363 50093 ... 55418 98740 17479 284 35 00000                                              | USB              | (PY/HFD)     |
| <b>E06</b>  | 13813 | 6-6  | 0310 | Mon | 537 284 35 63294 25363 50093 ... 55418 98740 17479 284 35 00000                                              | USB              | (PY/HFD)     |
| <b>E06</b>  | 11557 | 7-6  | 0210 | Tue | 537 284 35 63294 25363 50093 ... 55418 98740 17479 284 35 00000                                              | USB              | (PY)         |
| <b>E06</b>  | 13813 | 7-6  | 0310 | Tue | 537 284 35 63294 25363 50093 ... 55418 98740 17479 284 35 00000                                              | USB              | (PY)         |
| <b>E06</b>  | 14932 | 9-6  | 0300 | Thu | 361 582 30 13156 62542 20404 ... 59874 81227 11927 582 30 00000                                              | USB              | (PY)         |
| <b>E06</b>  | 12212 | 9-6  | 0400 | Thu | 361 582 30 13156 62542 20404 ... 59874 81227 11927 582 30 00000                                              | USB              | (PY)         |
| <b>E06</b>  | 14932 | 10-6 | 0300 | Fri | 361 582 30 13156 62542 20404 ... 59874 81227 11927 582 30 00000                                              | USB              | (PY)         |
| <b>E06</b>  | 12212 | 10-6 | 0400 | Fri | 361 582 30 13156 62542 20404 ... 59874 81227 11927 582 30 00000                                              | USB              | (PY)         |
| <b>E06</b>  | 14932 | 16-6 | 0300 | Thu | 361 947 31 92238 11603 39221 ... 46523 29444 67632 947 31 00000                                              | USB              | (PY)         |
| <b>E06</b>  | 12212 | 16-6 | 0400 | Thu | 361 947 31 92238 11603 39221 ... 46523 29444 67632 947 31 00000                                              | USB              | (PY)         |
| <b>E06</b>  | 13985 | 16-6 | 0500 | Thu | 328 709 51 16455 57590 44415 ... 75646 35798 33031 709 51 00000                                              | USB              | (AB)         |

|     |       |      |      |     |                                                                                 |     |              |
|-----|-------|------|------|-----|---------------------------------------------------------------------------------|-----|--------------|
| E06 | 15830 | 16-6 | 0600 | Thu | 328 709 51 16455 57590 44415 ... 75646 35798 33031 709 51 00000                 | USB | (AB)         |
| E06 | 14932 | 17-6 | 0300 | Fri | 361 947 31 92238 11603 39221 ... 46523 29444 67632 947 31 00000                 | USB | (PY)         |
| E06 | 12212 | 17-6 | 0400 | Fri | 361 947 31 92238 11603 39221 ... 46523 29444 67632 947 31 00000                 | USB | (PY)         |
| E06 | 13985 | 17-6 | 0500 | Fri | 328 709 51 16455 57590 44415 ... 75646 35798 33031 709 51 00000                 | USB | (AB-RUS)     |
| E06 | 15830 | 17-6 | 0600 | Fri | 328 709 51 16455 57590 44415 ... 75646 35798 33031 709 51 00000                 | USB | (AB)         |
| E06 | 11571 | 20-6 | 0210 | Mon | 537 109 36 03351 79867 88153 ... 03631 32823 88846 109 36 00000                 | USB | (PY)         |
| E06 | 13811 | 20-6 | 0310 | Mon | 537 109 36 03351 79867 88153 ... 03631 32823 88846 109 36 00000                 | USB | (PY)         |
| E06 | 11567 | 21-6 | 0210 | Tue | 537 109 36 03351 79867 88153 ... 03631 32823 88846 109 36 00000                 | USB | (PY)         |
| E06 | 13811 | 21-6 | 0310 | Tue | 537 109 36 03351 79867 88153 ... 03631 32823 88846 109 36 00000                 | USB | (PY)         |
| E06 | 14932 | 23-6 | 0300 | Thu | 361 850 32 21440 22530 40632 ... 01394 39097 75471 850 32 00000                 | USB | (PY)         |
| E06 | 12212 | 23-6 | 0400 | Thu | 361 850 32 21440 22530 40632 ... 01394 39097 75471 850 32 00000                 | USB | (PY)         |
| E06 | 14932 | 24-6 | 0300 | Fri | 361 850 32 21440 22530 40632 ... 01394 39097 75471 850 32 00000                 | USB | (PY)         |
| E06 | 12212 | 24-6 | 0400 | Fri | 361 850 32 21440 22530 40632 ... 01394 39097 75471 850 32 00000                 | USB | (PY)         |
| E06 | 11565 | 27-6 | 0210 | Mon | 537 824 37 00399 76607 12034 ... 00584 60940 23749 824 37 00000                 | USB | (PY)         |
| E06 | 13816 | 27-6 | 0310 | Mon | 537 824 37 00399 76607 12034 ... 00584 60940 23749 824 37 00000                 | USB | (PY)         |
| E06 | 11542 | 28-6 | 0210 | Tue | 537 824 37 00399 76607 12034 ... 00584 60940 23749 824 37 00000                 | USB | (PY)         |
| E06 | 13810 | 28-6 | 0310 | Tue | 537 824 37 00399 76607 12034 ... 00584 60940 23749 824 37 00000                 | USB | (PY)         |
| E06 | 14932 | 30-6 | 0300 | Thu | 361 729 33 09149 04461 26754 ... 51769 94304 06210 729 33 00000                 | USB | (PY)         |
| E06 | 12212 | 30-6 | 0400 | Thu | 361 729 33 09149 04461 26754 ... 51769 94304 06210 729 33 00000                 | USB | (PY)         |
| E07 | 13417 | 2-6  | 1410 | Thu | 603 603 603 000                                                                 | USB | (AB/MPJ/HFD) |
| E07 | 14717 | 2-6  | 1430 | Thu | 603 603 603 000                                                                 | USB | (AB/MPJ/HFD) |
| E07 | 16331 | 3-6  | 0700 | Fri | 373 373 373 1 7082 121 7082 121 77466 16404 46900 ... 69926 98124 22301 000 000 | USB | (AB/HFD)     |
| E07 | 18731 | 3-6  | 0720 | Fri | 373 373 373 1 7082 121 7082 121 77466 16404 46900 ... 69926 98124 22301 000 000 | USB | (AB/HFD-RUS) |
| E07 | 19331 | 3-6  | 0740 | Fri | 373 373 373 1 7082 121 7082 121 77466 16404 46900 ... 69926 98124 22301 000 000 | USB | (AB/HFD-RUS) |
| E07 | 12176 | 4-6  | 1300 | Sat | 152 152 152 000                                                                 | USB | (AB)         |
| E07 | 11576 | 4-6  | 1320 | Sat | 152 152 152 000                                                                 | USB | (AB)         |
| E07 | 13417 | 4-6  | 1410 | Sat | 603 603 603 000                                                                 | USB | (AB)         |
| E07 | 14717 | 4-6  | 1430 | Sat | 603 603 603 000                                                                 | USB | (AB)         |
| E07 | 10317 | 5-6  | 0600 | Sun | 312 312 312 000                                                                 | USB | (AB/HFD)     |
| E07 | 11117 | 5-6  | 0600 | Sun | 312 312 312 000                                                                 | USB | (AB/HFD)     |
| E07 | 16331 | 7-6  | 0700 | Tue | 373 373 373 000                                                                 | USB | (AB)         |
| E07 | 18731 | 7-6  | 0720 | Tue | 373 373 373 000                                                                 | USB | (AB)         |
| E07 | 13417 | 9-6  | 1410 | Thu | 603 603 603 1 1195 84 1195 84 64051 52107 72675 ... 45106 11394 09028 000 000   | USB | (AB/MPJ)     |
| E07 | 14717 | 9-6  | 1430 | Thu | 603 603 603 1 1195 84 1195 84 64051 52107 72675 ... 45106 11394 09028 000 000   | USB | (AB/MPJ)     |
| E07 | 15817 | 9-6  | 1450 | Thu | 603 603 603 1 1195 84 1195 84 64051 52107 72675 ... 45106 11394 09028 000 000   | USB | (AB/MPJ)     |
| E07 | 16331 | 10-6 | 0700 | Fri | 373 373 373 000                                                                 | USB | (AB)         |
| E07 | 18731 | 10-6 | 0720 | Fri | 373 373 373 000                                                                 | USB | (AB)         |
| E07 | 12176 | 11-6 | 1300 | Sat | 152 152 152 000                                                                 | USB | (AB)         |
| E07 | 11576 | 11-6 | 1320 | Sat | 152 152 152 000                                                                 | USB | (AB)         |
| E07 | 13417 | 11-6 | 1410 | Sat | 603 603 603 1 1195 84 1195 84 64051 52107 72675 ... 45106 11394 09028 000 000   | USB | (AB/MPJ)     |
| E07 | 14717 | 11-6 | 1430 | Sat | 603 603 603 1 1195 84 1195 84 64051 52107 72675 ... 45106 11394 09028 000 000   | USB | (AB/MPJ)     |
| E07 | 15817 | 11-6 | 1450 | Sat | 603 603 603 1 1195 84 1195 84 64051 52107 72675 ... 45106 11394 09028 000 000   | USB | (AB/MPJ)     |



|     |       |      |      |     |                                                                               |     |          |
|-----|-------|------|------|-----|-------------------------------------------------------------------------------|-----|----------|
| E07 | 10317 | 12-6 | 0600 | Sun | 312 312 312 000                                                               | USB | (AB)     |
| E07 | 11117 | 12-6 | 0600 | Sun | 312 312 312 000                                                               | USB | (AB)     |
| E07 | 16331 | 14-6 | 0700 | Tue | 373 373 373 1 387 97 387 97 06814 61753 93257 ... 12015 06572 64177 000 000   | USB | (AB)     |
| E07 | 18731 | 14-6 | 0720 | Tue | 373 373 373 1 387 97 387 97 06814 61753 93257 ... 12015 06572 64177 000 000   | USB | (AB)     |
| E07 | 19331 | 14-6 | 0740 | Tue | 373 373 373 1 387 97 387 97 06814 61753 93257 ... 12015 06572 64177 000 000   | USB | (AB)     |
| E07 | 13417 | 16-6 | 1410 | Thu | 603 603 603 000                                                               | USB | (AB)     |
| E07 | 14717 | 16-6 | 1430 | Thu | 603 603 603 000                                                               | USB | (AB)     |
| E07 | 16331 | 17-6 | 0700 | Fri | 373 373 373 1 387 97 387 97 06814 61753 93257 ... 12015 06572 64177 000 000   | USB | (AB)     |
| E07 | 18731 | 17-6 | 0720 | Fri | 373 373 373 1 387 97 387 97 06814 61753 93257 ... 12015 06572 64177 000 000   | USB | (AB)     |
| E07 | 19331 | 17-6 | 0740 | Fri | 373 373 373 1 387 97 387 97 06814 61753 93257 ... 12015 06572 64177 000 000   | USB | (AB)     |
| E07 | 12176 | 18-6 | 1300 | Sat | 152 152 152 000                                                               | USB | (AB/MPJ) |
| E07 | 11576 | 18-6 | 1320 | Sat | 152 152 152 000                                                               | USB | (AB/MPJ) |
| E07 | 13417 | 18-6 | 1410 | Sat | 603 603 603 000                                                               | USB | (AB/MPJ) |
| E07 | 14717 | 18-6 | 1430 | Sat | 603 603 603 000                                                               | USB | (AB/MPJ) |
| E07 | 10317 | 19-6 | 0600 | Sun | 312 312 312 000                                                               | USB | (AB)     |
| E07 | 11117 | 19-6 | 0600 | Sun | 312 312 312 000                                                               | USB | (AB)     |
| E07 | 16331 | 21-6 | 0700 | Tue | 373 373 373 000                                                               | USB | (AB)     |
| E07 | 18731 | 21-6 | 0720 | Tue | 373 373 373 000                                                               | USB | (AB)     |
| E07 | 13417 | 23-6 | 1410 | Thu | 603 603 603 1 2675 35 2675 35 65178 37469 99734 ... 10442 91071 46560 000 000 | USB | (AB/MPJ) |
| E07 | 14717 | 23-6 | 1430 | Thu | 603 603 603 1 2675 35 2675 35 65178 37469 99734 ... 10442 91071 46560 000 000 | USB | (AB/MPJ) |
| E07 | 15817 | 23-6 | 1450 | Thu | 603 603 603 1 2675 35 2675 35 65178 37469 99734 ... 10442 91071 46560 000 000 | USB | (AB/MPJ) |
| E07 | 16331 | 24-6 | 0700 | Fri | 373 373 373 000                                                               | USB | (AB)     |
| E07 | 18731 | 24-6 | 0720 | Fri | 373 373 373 000                                                               | USB | (AB)     |
| E07 | 12176 | 25-6 | 1300 | Sat | 152 152 152 000                                                               | USB | (AB)     |
| E07 | 11576 | 25-6 | 1320 | Sat | 152 152 152 000                                                               | USB | (AB)     |
| E07 | 13417 | 25-6 | 1410 | Sat | 603 603 603 1 2675 35 2675 35 65178 37469 99734 ... 10442 91071 46560 000 000 | USB | (AB/MPJ) |
| E07 | 14717 | 25-6 | 1430 | Sat | 603 603 603 1 2675 35 2675 35 65178 37469 99734 ... 10442 91071 46560 000 000 | USB | (AB/MPJ) |
| E07 | 15817 | 25-6 | 1450 | Sat | 603 603 603 1 2675 35 2675 35 65178 37469 99734 ... 10442 91071 46560 000 000 | USB | (AB/MPJ) |
| E07 | 10317 | 26-6 | 0600 | Sun | 312 312 312 000                                                               | USB | (AB)     |
| E07 | 11117 | 26-6 | 0600 | Sun | 312 312 312 000                                                               | USB | (AB)     |
| E07 | 16331 | 28-6 | 0700 | Tue | 373 373 373 000                                                               | USB | (AB)     |
| E07 | 18731 | 28-6 | 0720 | Tue | 373 373 373 000                                                               | USB | (AB)     |
| E07 | 13417 | 30-6 | 1410 | Thu | 603 603 603 000                                                               | USB | (AB)     |
| E07 | 14717 | 30-6 | 1430 | Thu | 603 603 603 000                                                               | USB | (AB)     |
| E11 | 15800 | 1-6  | 0640 | Wed | 946/00                                                                        | USB | (AB-POL) |
| E11 | 18030 | 1-6  | 0715 | Wed | 759/00                                                                        | USB | (AB)     |
| E11 | 15720 | 1-6  | 0745 | Wed | 346/00                                                                        | USB | (AB)     |
| E11 | 17378 | 1-6  | 0820 | Wed | 136/00                                                                        | USB | (AB-POL) |
| E11 | 12815 | 1-6  | 0845 | Wed | 718/00                                                                        | USB | (AB)     |
| E11 | 9052  | 1-6  | 0900 | Wed | 537/00                                                                        | USB | (AB)     |
| E11 | 6923  | 1-6  | 0930 | Wed | 276/00                                                                        | USB | (AB)     |
| E11 | 8545  | 1-6  | 1045 | Wed | 697/00                                                                        | USB | (AB)     |

|     |       |     |      |     |        |     |              |
|-----|-------|-----|------|-----|--------|-----|--------------|
| E11 | 6304  | 1-6 | 1205 | Wed | 469/00 | USB | (AB)         |
| E11 | 7863  | 1-6 | 1715 | Wed | 972/00 | USB | (AB/MPJ)     |
| E11 | 4783  | 1-6 | 1910 | Wed | 399/00 | USB | (AB)         |
| E11 | 8091  | 2-6 | 0645 | Thu | 519/00 | USB | (AB)         |
| E11 | 14940 | 2-6 | 0745 | Thu | 227/00 | USB | (AB)         |
| E11 | 4909  | 2-6 | 0820 | Thu | 432/00 | USB | (AB-POL)     |
| E11 | 14972 | 2-6 | 0845 | Thu | 152/00 | USB | (AB)         |
| E11 | 6923  | 2-6 | 0930 | Thu | 275/00 | USB | (AB)         |
| E11 | 5737  | 2-6 | 1300 | Thu | 316/00 | USB | (AB)         |
| E11 | 10356 | 2-6 | 1530 | Thu | 269/00 | USB | (AB/MPJ)     |
| E11 | 14575 | 2-6 | 1645 | Thu | 337/00 | USB | (AB/MPJ)     |
| E11 | 8088  | 2-6 | 1730 | Thu | 416/00 | USB | (AB)         |
| E11 | 7600  | 2-6 | 1900 | Thu | 647/00 | USB | (AB)         |
| E11 | 9150  | 3-6 | 0600 | Fri | 353/00 | USB | (AB)         |
| E11 | 8680  | 3-6 | 0700 | Fri | 570/00 | USB | (AB)         |
| E11 | 10429 | 3-6 | 0715 | Fri | 635/00 | USB | (AB)         |
| E11 | 4909  | 3-6 | 0820 | Fri | 435/00 | USB | (AB-POL)     |
| E11 | 15720 | 3-6 | 0830 | Fri | 188/00 | USB | (AB)         |
| E11 | 12153 | 3-6 | 1000 | Fri | 300/00 | USB | (AB/MPJ)     |
| E11 | 7863  | 3-6 | 1715 | Fri | 974/00 | USB | (AB/MPJ)     |
| E11 | 9610  | 3-6 | 1910 | Fri | 616/00 | USB | (AB)         |
| E11 | 7377  | 4-6 | 0700 | Sat | 498/00 | USB | (AB)         |
| E11 | 12984 | 4-6 | 1430 | Sat | 917/00 | USB | (AB)         |
| E11 | 5082  | 4-6 | 1530 | Sat | 369/00 | USB | (AB-POL)     |
| E11 | 4783  | 4-6 | 1910 | Sat | 399/00 | USB | (AB-POL)     |
| E11 | 9150  | 5-6 | 0600 | Sun | 359/00 | USB | (AB)         |
| E11 | 7377  | 5-6 | 0700 | Sun | 491/00 | USB | (AB)         |
| E11 | 5082  | 5-6 | 1530 | Sun | 367/00 | USB | (AB/MPJ-HOL) |
| E11 | 5231  | 5-6 | 1605 | Sun | 236/00 | USB | (AB/MPJ-POL) |
| E11 | 14410 | 5-6 | 1745 | Sun | 249/00 | USB | (AB)         |
| E11 | 9610  | 5-6 | 1910 | Sun | 613/00 | USB | (AB)         |
| E11 | 7469  | 6-6 | 0450 | Mon | 413/00 | USB | (AB)         |
| E11 | 18030 | 6-6 | 0715 | Mon | 755/00 | USB | (AB)         |
| E11 | 9610  | 6-6 | 0745 | Mon | 266/00 | USB | (AB)         |
| E11 | 15720 | 6-6 | 0830 | Mon | 182/00 | USB | (AB)         |
| E11 | 12815 | 6-6 | 0845 | Mon | 719/00 | USB | (AB)         |
| E11 | 9052  | 6-6 | 0900 | Mon | 535/00 | USB | (AB)         |
| E11 | 8545  | 6-6 | 1045 | Mon | 692/00 | USB | (AB)         |
| E11 | 5737  | 6-6 | 1300 | Mon | 314/00 | USB | (AB)         |
| E11 | 8091  | 7-6 | 0645 | Tue | 519/00 | USB | (AB)         |
| E11 | 8680  | 7-6 | 0700 | Tue | 579/00 | USB | (AB)         |
| E11 | 14940 | 7-6 | 0745 | Tue | 228/00 | USB | (AB)         |

|     |       |      |      |     |        |     |              |
|-----|-------|------|------|-----|--------|-----|--------------|
| E11 | 17378 | 7-6  | 0820 | Tue | 136/00 | USB | (AB)         |
| E11 | 14972 | 7-6  | 0845 | Tue | 157/00 | USB | (AB)         |
| E11 | 6304  | 7-6  | 1205 | Tue | 462/00 | USB | (AB)         |
| E11 | 12984 | 7-6  | 1430 | Tue | 917/00 | USB | (AB/MPJ)     |
| E11 | 5231  | 7-6  | 1605 | Tue | 237/00 | USB | (AB/MPJ)     |
| E11 | 18030 | 8-6  | 0715 | Wed | 752/00 | USB | (AB)         |
| E11 | 15720 | 8-6  | 0745 | Wed | 340/00 | USB | (AB)         |
| E11 | 17378 | 8-6  | 0820 | Wed | 132/00 | USB | (AB)         |
| E11 | 12815 | 8-6  | 0845 | Wed | 713/00 | USB | (AB)         |
| E11 | 9052  | 8-6  | 0900 | Wed | 533/00 | USB | (AB)         |
| E11 | 6923  | 8-6  | 0930 | Wed | 279/00 | USB | (AB)         |
| E11 | 8545  | 8-6  | 1045 | Wed | 690/00 | USB | (AB)         |
| E11 | 6304  | 8-6  | 1205 | Wed | 460/00 | USB | (AB)         |
| E11 | 4783  | 8-6  | 1910 | Wed | 391/00 | USB | (AB)         |
| E11 | 8091  | 9-6  | 0645 | Thu | 514/00 | USB | (AB)         |
| E11 | 14940 | 9-6  | 0745 | Thu | 224/00 | USB | (AB)         |
| E11 | 4909  | 9-6  | 0820 | Thu | 430/00 | USB | (AB-POL)     |
| E11 | 14972 | 9-6  | 0845 | Thu | 156/00 | USB | (AB)         |
| E11 | 6923  | 9-6  | 0930 | Thu | 271/00 | USB | (AB/MPJ-POL) |
| E11 | 5737  | 9-6  | 1300 | Thu | 311/00 | USB | (AB/MPJ-HOL) |
| E11 | 8088  | 9-6  | 1730 | Thu | 410/00 | USB | (AB)         |
| E11 | 5409  | 9-6  | 2000 | Thu | 521/00 | USB | (AB)         |
| E11 | 9150  | 10-6 | 0600 | Fri | 352/00 | USB | (AB)         |
| E11 | 8680  | 10-6 | 0700 | Fri | 570/00 | USB | (AB)         |
| E11 | 15720 | 10-6 | 0745 | Fri | 340/00 | USB | (AB)         |
| E11 | 4909  | 10-6 | 0820 | Fri | 436/00 | USB | (AB-POL)     |
| E11 | 15720 | 10-6 | 0830 | Fri | 180/00 | USB | (AB)         |
| E11 | 12229 | 10-6 | 1815 | Fri | 929/00 | USB | (AB/MPJ)     |
| E11 | 9610  | 10-6 | 1910 | Fri | 610/00 | USB | (AB-POL)     |
| E11 | 7377  | 11-6 | 0700 | Sat | 490/00 | USB | (AB)         |
| E11 | 12984 | 11-6 | 1430 | Sat | 912/00 | USB | (AB)         |
| E11 | 5082  | 11-6 | 1530 | Sat | 366/00 | USB | (AB-POL)     |
| E11 | 4783  | 11-6 | 1910 | Sat | 399/00 | USB | (AB-POL)     |
| E11 | 9150  | 12-6 | 0600 | Sun | 354/00 | USB | (AB)         |
| E11 | 7377  | 12-6 | 0700 | Sun | 496/00 | USB | (AB)         |
| E11 | 5082  | 12-6 | 1530 | Sun | 363/00 | USB | (AB/MPJ-HOL) |
| E11 | 5231  | 12-6 | 1605 | Sun | 238/00 | USB | (AB)         |
| E11 | 12229 | 12-6 | 1815 | Sun | 925/00 | USB | (AB/MPJ)     |
| E11 | 9610  | 12-6 | 1910 | Sun | 618/00 | USB | (AB)         |
| E11 | 5409  | 12-6 | 2000 | Sun | 524/00 | USB | (AB)         |
| E11 | 7469  | 13-6 | 0450 | Mon | 412/00 | USB | (AB/HFD)     |
| E11 | 15800 | 13-6 | 0640 | Mon | 944/00 | USB | (AB)         |



|     |       |      |      |     |        |     |              |
|-----|-------|------|------|-----|--------|-----|--------------|
| E11 | 18030 | 13-6 | 0715 | Mon | 757/00 | USB | (AB)         |
| E11 | 9610  | 13-6 | 0745 | Mon | 266/00 | USB | (AB)         |
| E11 | 15720 | 13-6 | 0830 | Mon | 180/00 | USB | (AB)         |
| E11 | 12815 | 13-6 | 0845 | Mon | 716/00 | USB | (AB)         |
| E11 | 8545  | 13-6 | 1045 | Mon | 693/00 | USB | (AB)         |
| E11 | 5737  | 13-6 | 1300 | Mon | 316/00 | USB | (AB-POL)     |
| E11 | 14410 | 13-6 | 1745 | Mon | 249/00 | USB | (AB)         |
| E11 | 7600  | 13-6 | 1900 | Mon | 643/00 | USB | (AB)         |
| E11 | 14575 | 14-6 | 0315 | Tue | 258/00 | USB | (HFD)        |
| E11 | 10429 | 14-6 | 0715 | Tue | 637/00 | USB | (AB)         |
| E11 | 14940 | 14-6 | 0745 | Tue | 227/00 | USB | (AB)         |
| E11 | 12153 | 14-6 | 1000 | Tue | 305/00 | USB | (AB/MPJ)     |
| E11 | 6304  | 14-6 | 1205 | Tue | 469/00 | USB | (AB)         |
| E11 | 14575 | 14-6 | 1645 | Tue | 332/00 | USB | (AB)         |
| E11 | 14575 | 15-6 | 0315 | Wed | 258/00 | USB | (HFD)        |
| E11 | 18030 | 15-6 | 0715 | Wed | 759/00 | USB | (AB)         |
| E11 | 15720 | 15-6 | 0745 | Wed | 346/00 | USB | (AB)         |
| E11 | 12815 | 15-6 | 0845 | Wed | 715/00 | USB | (AB)         |
| E11 | 6923  | 15-6 | 0930 | Wed | 278/00 | USB | (AB-POL)     |
| E11 | 8545  | 15-6 | 1045 | Wed | 693/00 | USB | (AB-POL)     |
| E11 | 6304  | 15-6 | 1205 | Wed | 460/00 | USB | (AB)         |
| E11 | 7863  | 15-6 | 1715 | Wed | 972/00 | USB | (AB)         |
| E11 | 8091  | 16-6 | 0645 | Thu | 515/00 | USB | (AB)         |
| E11 | 14940 | 16-6 | 0745 | Thu | 220/00 | USB | (AB)         |
| E11 | 4909  | 16-6 | 0820 | Thu | 436/00 | USB | (AB-POL)     |
| E11 | 14972 | 16-6 | 0845 | Thu | 159/00 | USB | (AB)         |
| E11 | 6923  | 16-6 | 0930 | Thu | 270/00 | USB | (AB)         |
| E11 | 5737  | 16-6 | 1300 | Thu | 312/00 | USB | (AB/MPJ-HOL) |
| E11 | 10356 | 16-6 | 1530 | Thu | 260/00 | USB | (AB)         |
| E11 | 8088  | 16-6 | 1730 | Thu | 412/00 | USB | (AB)         |
| E11 | 7600  | 16-6 | 1900 | Thu | 648/00 | USB | (AB-POL)     |
| E11 | 5409  | 16-6 | 2000 | Thu | 527/00 | USB | (AB)         |
| E11 | 10429 | 17-6 | 0715 | Fri | 633/00 | USB | (AB)         |
| E11 | 15720 | 17-6 | 0745 | Fri | 347/00 | USB | (AB)         |
| E11 | 4909  | 17-6 | 0820 | Fri | 432/00 | USB | (AB-POL)     |
| E11 | 15720 | 17-6 | 0830 | Fri | 183/00 | USB | (AB)         |
| E11 | 12153 | 17-6 | 1000 | Fri | 305/00 | USB | (AB)         |
| E11 | 7863  | 17-6 | 1715 | Fri | 970/00 | USB | (AB/MPJ)     |
| E11 | 12229 | 17-6 | 1815 | Fri | 922/00 | USB | (AB)         |
| E11 | 5082  | 19-6 | 1530 | Sun | 367/00 | USB | (AB)         |
| E11 | 12229 | 19-6 | 1815 | Sun | 927/00 | USB | (AB)         |
| E11 | 5409  | 19-6 | 2000 | Sun | 520/00 | USB | (AB)         |

|     |       |      |      |     |        |     |          |
|-----|-------|------|------|-----|--------|-----|----------|
| E11 | 7469  | 20-6 | 0450 | Mon | 418/00 | USB | (AB)     |
| E11 | 15800 | 20-6 | 0640 | Mon | 949/00 | USB | (AB)     |
| E11 | 9610  | 20-6 | 0745 | Mon | 266/00 | USB | (AB)     |
| E11 | 12815 | 20-6 | 0845 | Mon | 718/00 | USB | (AB)     |
| E11 | 9052  | 20-6 | 0900 | Mon | 535/00 | USB | (AB)     |
| E11 | 7600  | 20-6 | 1900 | Mon | 648/00 | USB | (AB)     |
| E11 | 8680  | 21-6 | 0700 | Tue | 573/00 | USB | (AB)     |
| E11 | 10429 | 21-6 | 0715 | Tue | 630/00 | USB | (AB)     |
| E11 | 17378 | 21-6 | 0820 | Tue | 131/00 | USB | (AB)     |
| E11 | 14972 | 21-6 | 0845 | Tue | 156/00 | USB | (AB)     |
| E11 | 12153 | 21-6 | 1000 | Tue | 309/00 | USB | (AB)     |
| E11 | 12984 | 21-6 | 1430 | Tue | 910/00 | USB | (AB/MPJ) |
| E11 | 5231  | 21-6 | 1605 | Tue | 235/00 | USB | (AB/MPJ) |
| E11 | 14575 | 21-6 | 1645 | Tue | 334/00 | USB | (AB/MPJ) |
| E11 | 15800 | 22-6 | 0640 | Wed | 940/00 | USB | (AB)     |
| E11 | 17378 | 22-6 | 0820 | Wed | 134/00 | USB | (AB-POL) |
| E11 | 12815 | 22-6 | 0845 | Wed | 719/00 | USB | (AB)     |
| E11 | 9052  | 22-6 | 0900 | Wed | 537/00 | USB | (AB)     |
| E11 | 7863  | 22-6 | 1715 | Wed | 970/00 | USB | (AB)     |
| E11 | 4783  | 22-6 | 1910 | Wed | 391/00 | USB | (AB-POL) |
| E11 | 14972 | 23-6 | 0845 | Thu | 157/00 | USB | (AB)     |
| E11 | 10356 | 23-6 | 1530 | Thu | 267/00 | USB | (AB/MPJ) |
| E11 | 14575 | 23-6 | 1645 | Thu | 334/00 | USB | (AB)     |
| E11 | 8088  | 23-6 | 1730 | Thu | 410/00 | USB | (AB)     |
| E11 | 7600  | 23-6 | 1900 | Thu | 647/00 | USB | (AB-POL) |
| E11 | 5409  | 23-6 | 2000 | Thu | 524/00 | USB | (AB-POL) |
| E11 | 9150  | 24-6 | 0600 | Fri | 351/00 | USB | (AB)     |
| E11 | 8680  | 24-6 | 0700 | Fri | 577/00 | USB | (AB)     |
| E11 | 10429 | 24-6 | 0715 | Fri | 636/00 | USB | (AB)     |
| E11 | 12153 | 24-6 | 1000 | Fri | 300/00 | USB | (AB)     |
| E11 | 7863  | 24-6 | 1715 | Fri | 972/00 | USB | (AB/MPJ) |
| E11 | 12229 | 24-6 | 1815 | Fri | 925/00 | USB | (AB)     |
| E11 | 9610  | 24-6 | 1910 | Fri | 616/00 | USB | (AB)     |
| E11 | 7377  | 25-6 | 0700 | Sat | 497/00 | USB | (AB)     |
| E11 | 12984 | 25-6 | 1430 | Sat | 915/00 | USB | (AB/MPJ) |
| E11 | 5082  | 25-6 | 1530 | Sat | 368/00 | USB | (AB-POL) |
| E11 | 4783  | 25-6 | 1910 | Sat | 393/00 | USB | (AB)     |
| E11 | 9150  | 26-6 | 0600 | Sun | 352/00 | USB | (AB)     |
| E11 | 7377  | 26-6 | 0700 | Sun | 491/00 | USB | (AB)     |
| E11 | 5082  | 26-6 | 1530 | Sun | 367/00 | USB | (AB)     |
| E11 | 5231  | 26-6 | 1605 | Sun | 238/00 | USB | (AB)     |
| E11 | 12229 | 26-6 | 1815 | Sun | 929/00 | USB | (AB)     |

|      |       |      |      |     |                                                                                           |     |                  |
|------|-------|------|------|-----|-------------------------------------------------------------------------------------------|-----|------------------|
| E11  | 9610  | 26-6 | 1910 | Sun | 617/00                                                                                    | USB | (AB)             |
| E11  | 5409  | 26-6 | 2000 | Sun | 525/00                                                                                    | USB | (AB)             |
| E11  | 15800 | 27-6 | 0640 | Mon | 942/00                                                                                    | USB | (AB)             |
| E11  | 18030 | 27-6 | 0715 | Mon | 754/00                                                                                    | USB | (AB)             |
| E11  | 15720 | 27-6 | 0830 | Mon | 189/00                                                                                    | USB | (AB)             |
| E11  | 9052  | 27-6 | 0900 | Mon | 530/00                                                                                    | USB | (AB)             |
| E11  | 8545  | 27-6 | 1045 | Mon | 694/00                                                                                    | USB | (AB/MPJ)         |
| E11  | 5737  | 27-6 | 1300 | Mon | 310/00                                                                                    | USB | (AB-POL/MPJ-HOL) |
| E11  | 14410 | 27-6 | 1745 | Mon | 249/00                                                                                    | USB | (AB)             |
| E11  | 7600  | 27-6 | 1900 | Mon | 646/00                                                                                    | USB | (AB)             |
| E11  | 8091  | 28-6 | 0645 | Tue | 519/00                                                                                    | USB | (AB)             |
| E11  | 8680  | 28-6 | 0700 | Tue | 577/00                                                                                    | USB | (AB)             |
| E11  | 10429 | 28-6 | 0715 | Tue | 635/00                                                                                    | USB | (AB)             |
| E11  | 14940 | 28-6 | 0745 | Tue | 224/00                                                                                    | USB | (AB)             |
| E11  | 17378 | 28-6 | 0820 | Tue | 136/00                                                                                    | USB | (AB-POL)         |
| E11  | 12153 | 28-6 | 1000 | Tue | 300/00                                                                                    | USB | (AB)             |
| E11  | 6304  | 28-6 | 1205 | Tue | 462/00                                                                                    | USB | (AB)             |
| E11  | 12984 | 28-6 | 1430 | Tue | 911/00                                                                                    | USB | (AB/MPJ)         |
| E11  | 15800 | 29-6 | 0640 | Wed | 944/00                                                                                    | USB | (AB)             |
| E11  | 18030 | 29-6 | 0715 | Wed | 752/00                                                                                    | USB | (AB)             |
| E11  | 15720 | 29-6 | 0745 | Wed | 343/00                                                                                    | USB | (AB)             |
| E11  | 17378 | 29-6 | 0820 | Wed | 131/00                                                                                    | USB | (AB)             |
| E11  | 9052  | 29-6 | 0900 | Wed | 536/00                                                                                    | USB | (AB)             |
| E11  | 6923  | 29-6 | 0930 | Wed | 273/00                                                                                    | USB | (AB)             |
| E11  | 8545  | 29-6 | 1045 | Wed | 693/00                                                                                    | USB | (AB)             |
| E11  | 6304  | 29-6 | 1205 | Wed | 464/00                                                                                    | USB | (AB)             |
| E11  | 7863  | 29-6 | 1715 | Wed | 974/00                                                                                    | USB | (AB)             |
| E11  | 4783  | 29-6 | 1910 | Wed | 394/00                                                                                    | USB | (AB-POL)         |
| E11  | 8091  | 30-6 | 0645 | Thu | 519/00                                                                                    | USB | (AB)             |
| E11  | 14940 | 30-6 | 0745 | Thu | 227/00                                                                                    | USB | (AB)             |
| E11  | 4909  | 30-6 | 0820 | Thu | 432/00                                                                                    | USB | (AB-POL)         |
| E11  | 6923  | 30-6 | 0930 | Thu | 279/00                                                                                    | USB | (AB)             |
| E11  | 5737  | 30-6 | 1300 | Thu | 319/00                                                                                    | USB | (AB/MPJ)         |
| E11  | 14575 | 30-6 | 1645 | Thu | 332/00                                                                                    | USB | (AB-POL)         |
| E11  | 7600  | 30-6 | 1900 | Thu | 649/00                                                                                    | USB | (AB-POL)         |
| E11  | 5409  | 30-6 | 2000 | Thu | 528/00                                                                                    | USB | (AB)             |
| E11a | 5409  | 2-6  | 2000 | Thu | 520/31 Attention 03133 22426 72353 ... 64393 82171 04395 Attention (message repeated) Out | USB | (AB)             |
| E11a | 12229 | 3-6  | 1815 | Fri | 925/33 Attention 20430 34579 14485 ... 71264 09943 28924 Attention (message repeated) Out | USB | (AB/MPJ)         |
| E11a | 12229 | 5-6  | 1815 | Sun | 925/33 Attention 20430 34579 14485 ... 71264 09943 28924 Attention (message repeated) Out | USB | (AB)             |
| E11a | 5409  | 5-6  | 2000 | Sun | 520/31 Attention 03133 22426 72353 ... 64393 82171 04395 Attention (message repeated) Out | USB | (AB)             |
| E11a | 15800 | 6-6  | 0640 | Mon | 940/22 Attention 43766 08770 47354 ... 72476 58701 67640 Attention (message repeated) Out | USB | (AB-POL)         |
| E11a | 14410 | 6-6  | 1745 | Mon | 247/37 Attention 44061 16353 93063 ... 87653 02064 13870 Attention (message repeated) Out | USB | (AB/MPJ)         |

|      |       |      |      |     |                                                                                           |     |              |
|------|-------|------|------|-----|-------------------------------------------------------------------------------------------|-----|--------------|
| E11a | 7600  | 6-6  | 1900 | Mon | 644/36 Attention 63925 29316 47458 ... 18623 02899 46036 Attention (message repeated) Out | USB | (AB)         |
| E11a | 12153 | 7-6  | 1000 | Tue | 305/37 Attention 78187 43627 58964 ... 35568 64920 58614 Attention (message repeated) Out | USB | (AB/MPJ)     |
| E11a | 14575 | 7-6  | 1645 | Tue | 333/36 Attention 30407 57339 48665 ... 62834 46331 79401 Attention (message repeated) Out | USB | (AB/MPJ)     |
| E11a | 15800 | 8-6  | 0640 | Wed | 940/22 Attention 43766 08770 47354 ... 72476 58701 67640 Attention (message repeated) Out | USB | (AB)         |
| E11a | 7863  | 8-6  | 1715 | Wed | 972/31 Attention 88352 03337 68316 ... 52318 25285 93604 Attention (message repeated) Out | USB | (AB)         |
| E11a | 7600  | 9-6  | 1900 | Thu | 644/36 Attention 63925 29316 47458 ... 18623 02899 46036 Attention (message repeated) Out | USB | (AB)         |
| E11a | 10429 | 10-6 | 0715 | Fri | 631/36 Attention 30721 95669 88339 ... 93793 75350 56020 Attention (message repeated) Out | USB | (AB)         |
| E11a | 12153 | 10-6 | 1000 | Fri | 305/37 Attention 78187 43627 58964 ... 35568 64920 58614 Attention (message repeated) Out | USB | (AB/MPJ)     |
| E11a | 7863  | 10-6 | 1715 | Fri | 972/31 Attention 88352 03337 68316 ... 52318 25285 93604 Attention (message repeated) Out | USB | (AB)         |
| E11a | 14410 | 12-6 | 1745 | Sun | 247/37 Attention 44061 16353 93063 ... 87653 02064 13870 Attention (message repeated) Out | USB | (AB/MPJ)     |
| E11a | 9052  | 13-6 | 0900 | Mon | 536/39 Attention 20936 46827 03009 ... 69664 12420 11396 Attention (message repeated) Out | USB | (AB/MPJ)     |
| E11a | 8680  | 14-6 | 0700 | Tue | 574/32 Attention 63124 54240 18002 ... 86785 70777 58038 Attention (message repeated) Out | USB | (AB)         |
| E11a | 17378 | 14-6 | 0820 | Tue | 133/40 Attention 63725 09474 18444 ... 08115 98287 37760 Attention (message repeated) Out | USB | (AB-POL)     |
| E11a | 12984 | 14-6 | 1430 | Tue | 918/33 Attention 73421 71825 50480 ... 67784 34116 68741 Attention (message repeated) Out | USB | (AB/MPJ)     |
| E11a | 5231  | 14-6 | 1605 | Tue | 236/35 Attention 32723 35465 09507 ... 38001 89323 39929 Attention (message repeated) Out | USB | (AB/MPJ-FIN) |
| E11a | 17378 | 15-6 | 0820 | Wed | 133/40 Attention 63725 09474 18444 ... 08115 98287 37760 Attention (message repeated) Out | USB | (AB-POL)     |
| E11a | 9052  | 15-6 | 0900 | Wed | 536/39 Attention 20936 46827 03009 ... 69664 12420 11396 Attention (message repeated) Out | USB | (AB)         |
| E11a | 4783  | 15-6 | 1910 | Wed | 394/38 Attention 86048 84054 07941 .. 80696 16571 79096 Attention (message repeated) out  | USB | (AB)         |
| E11a | 9150  | 17-6 | 0600 | Fri | 354/34 Attention 40106 38004 17925 ... 65492 42188 39705 Attention (message repeated) Out | USB | (AB)         |
| E11a | 8680  | 17-6 | 0700 | Fri | 574/32 Attention 63124 54240 18002 ... 86785 70777 58038 Attention (message repeated) Out | USB | (AB)         |
| E11a | 9610  | 17-6 | 1910 | Fri | 618/37 Attention 15206 33695 58900 ... 91284 82123 66410 Attention (message repeated) Out | USB | (AB)         |
| E11a | 7377  | 18-6 | 0700 | Sat | 497/33 Attention 42776 82589 38709 ... 15993 24647 12193 Attention (message repeated) Out | USB | (AB)         |
| E11a | 12984 | 18-6 | 1430 | Sat | 918/33 Attention 73421 71825 50480 ... 67784 34116 68741 Attention (message repeated) Out | USB | (AB)         |
| E11a | 5082  | 18-6 | 1530 | Sat | 367/34 Attention 82753 75599 74892 ... 93071 95860 42721 Attention (message repeated) Out | USB | (AB-POL)     |
| E11a | 4783  | 18-6 | 1910 | Sat | 394/38 Attention 86048 84054 07941 .. 80696 16571 79096 Attention (message repeated) out  | USB | (AB)         |
| E11a | 9150  | 19-6 | 0600 | Sun | 354/34 Attention 40106 38004 17925 ... 65492 42188 39705 Attention (message repeated) Out | USB | (AB)         |
| E11a | 7377  | 19-6 | 0700 | Sun | 497/33 Attention 42776 82589 38709 ... 15993 24647 12193 Attention (message repeated) Out | USB | (AB)         |
| E11a | 5231  | 19-6 | 1605 | Sun | 236/35 Attention 32723 35465 09507 ... 38001 89323 39929 Attention (message repeated) Out | USB | (AB)         |
| E11a | 9610  | 19-6 | 1910 | Sun | 618/37 Attention 15206 33695 58900 ... 91284 82123 66410 Attention (message repeated) Out | USB | (AB)         |
| E11a | 18030 | 20-6 | 0715 | Mon | 757/39 Attention 89096 30222 10240 ... 77540 40996 07133 Attention (message repeated) Out | USB | (AB)         |
| E11a | 15720 | 20-6 | 0830 | Mon | 182/39 Attention 15866 64080 66580 ... 64960 33780 16278 Attention (message repeated) Out | USB | (AB)         |
| E11a | 8545  | 20-6 | 1045 | Mon | 691/35 Attention 97139 72574 25160 ... 83675 45488 18675 Attention (message repeated) Out | USB | (AB)         |
| E11a | 5737  | 20-6 | 1300 | Mon | 313/36 Attention 83560 64270 46846 ... 04511 02790 06301 Attention (message repeated) Out | USB | (AB-POL/MPJ) |
| E11a | 8091  | 21-6 | 0645 | Tue | 512/34 Attention 34220 52300 86966 ... 57105 21838 19344 Attention (message repeated) Out | USB | (AB)         |
| E11a | 14940 | 21-6 | 0745 | Tue | 220/36 Attention 20379 49253 29700 ... 97097 12658 60668 Attention (message repeated) Out | USB | (AB)         |
| E11a | 6304  | 21-6 | 1205 | Tue | 465/35 Attention 08224 57050 30122 ... 94415 42146 82666 Attention (message repeated) Out | USB | (AB)         |
| E11a | 18030 | 22-6 | 0715 | Wed | 757/39 Attention 89096 30222 10240 ... 77540 40996 07133 Attention (message repeated) Out | USB | (AB)         |
| E11a | 15720 | 22-6 | 0745 | Wed | 347/38 Attention 67384 91291 29034 ... 38020 61528 58971 Attention (message repeated) Out | USB | (AB)         |
| E11a | 6923  | 22-6 | 0930 | Wed | 277/31 Attention 74434 54983 32330 ... 11540 06985 60237 Attention (message repeated) Out | USB | (AB-POL)     |
| E11a | 8545  | 22-6 | 1045 | Wed | 691/35 Attention 97139 72574 25160 ... 83675 45488 18675 Attention (message repeated) Out | USB | (AB-POL)     |
| E11a | 6304  | 22-6 | 1205 | Wed | 465/35 Attention 08224 57050 30122 ... 94415 42146 82666 Attention (message repeated) Out | USB | (AB)         |
| E11a | 8091  | 23-6 | 0645 | Thu | 512/34 Attention 34220 52300 86966 ... 57105 21838 19344 Attention (message repeated) Out | USB | (AB)         |

|      |         |      |      |     |                                                                                                                          |                 |              |
|------|---------|------|------|-----|--------------------------------------------------------------------------------------------------------------------------|-----------------|--------------|
| E11a | 14940   | 23-6 | 0745 | Thu | 220/36 Attention 20379 49253 29700 ... 97097 12658 60668 Attention (message repeated) Out                                | USB             | (AB)         |
| E11a | 4909    | 23-6 | 0820 | Thu | 436/39 Attention 46612 90530 31064 ... 77073 58320 14916 Attention (message repeated) Out                                | USB             | (AB-POL)     |
| E11a | 6923    | 23-6 | 0930 | Thu | 277/31 Attention 74434 54983 32330 ... 11540 06985 60237 Attention (message repeated) Out                                | USB             | (AB)         |
| E11a | 5737    | 23-6 | 1300 | Thu | 313/36 Attention 83560 64270 46846 ... 04511 02790 06301 Attention (message repeated) Out                                | USB             | (AB/MPJ-AUT) |
| E11A | 15720   | 24-6 | 0745 | Fri | 347/38 Attention 67384 91291 29034 ... 38020 61528 58971 Attention (message repeated) Out                                | USB             | (AB)         |
| E11a | 4909    | 24-6 | 0820 | Fri | 436/39 Attention 46612 90530 31064 ... 77073 58320 14916 Attention (message repeated) Out                                | USB             | (AB-POL)     |
| E11a | 15720   | 24-6 | 0830 | Fri | 182/39 Attention 15866 64080 66580 ... 64960 33780 16278 Attention (message repeated) Out                                | USB             | (AB)         |
| E11a | 7469    | 27-6 | 0450 | Mon | 414/31 Attention 54790 93407 78632 ... 37077 74296 05795 Attention (message repeated) Out                                | USB             | (AB)         |
| E11a | 9610    | 27-6 | 0745 | Mon | 268/33 Attention 54509 12271 53056 ... 88018 62884 97196 Attention (message repeated) Out                                | USB             | (AB)         |
| E11a | 12815   | 27-6 | 0845 | Mon | 714/32 Attention 68300 74461 35067 ... 27796 69824 39019 Attention (message repeated) Out                                | USB             | (AB)         |
| E11a | 14972   | 28-6 | 0845 | Tue | 154/28 Attention 21835 96008 34636 ... 52715 94037 07866 Attention (message repeated) Out                                | USB             | (AB)         |
| E11a | 12815   | 29-6 | 0845 | Wed | 714/32 Attention 68300 74461 35067 ... 27796 69824 39019 Attention (message repeated) Out                                | USB             | (AB)         |
| E11a | 10356   | 30-6 | 1530 | Thu | 268/33 Attention 54509 12271 53056 ... 88018 62884 97196 Attention (message repeated) Out                                | USB             | (AB/MPJ)     |
| E11a | 8088    | 30-6 | 1730 | Thu | 414/31 Attention 54790 93407 78632 ... 37077 74296 05795 Attention (message repeated) Out                                | USB             | (AB)         |
| EGY  | 16011.7 | 4-6  | 1425 | Sat | Egyptian diplo i.p. NGHONWYOF F4598 C8BC8 DE02B 70300 BA0B6 236A2 1DB26 ... NNN X W X<br>WE H/L FASH:FAJ.. 00 4 6/02==== | SITOR-A 100/170 | (AB)         |
| EGY  | 18029.7 | 15-6 | 0756 | Wed | Egyptian diplo clg KKQT: unid embassy                                                                                    | SITOR-A 100/170 | (AB)         |
| EGY  | 18034.7 | 15-6 | 0802 | Wed | Egyptian diplo clg TQQV: Egyptian embassy Harare                                                                         | SITOR-A 100/170 | (AB)         |
| EGY  | 18024.5 | 15-6 | 0805 | Wed | 99910: MFA Cairo sending messages to unid embassy                                                                        | CODAN           | (AB)         |
| EGY  | 16334   | 15-6 | 1355 | Wed | 99904: MFA Cairo sends messages to 22201: Egyptian embassy, Prague                                                       | CODAN           | (AB)         |
| EGY  | 16334.7 | 15-6 | 1409 | Wed | MFA Cairo clg QQT: Egyptian embassy Prague                                                                               | SITOR-A 100/170 | (AB)         |
| F01  | 11487   | 1-6  | 1015 | Wed | Russian diplo/intel. 48793 18115 41012 ... 67959 53679 84411 00000 +++++                                                 | FSK 200/500     | (AB)         |
| F01  | 9376    | 1-6  | 1025 | Wed | Russian diplo/intel. 48793 18115 41012 ... 67959 53679 84411 00000 +++++                                                 | FSK 200/500     | (AB-RUS)     |
| F01  | 7591    | 1-6  | 1035 | Wed | Russian diplo/intel. 48793 18115 41012 ... 67959 53679 84411 00000 +++++                                                 | FSK 200/500     | (AB-RUS)     |
| F01  | 14621   | 1-6  | 1840 | Wed | Russian diplo/intel. 5761 00000 +++++ +++++                                                                              | FSK 200/500     | (AB/HFD)     |
| F01  | 12206   | 1-6  | 1850 | Wed | Russian diplo/intel. 5761 00000 +++++ +++++                                                                              | FSK 200/500     | (AB/HFD)     |
| F01  | 10465   | 1-6  | 1900 | Wed | Russian diplo/intel. 5761 00000 +++++ +++++                                                                              | FSK 200/500     | (AB/HFD)     |
| F01  | 11487   | 2-6  | 1015 | Thu | Russian diplo/intel. Two messages                                                                                        | FSK 200/500     | (AB)         |
| F01  | 9376    | 2-6  | 1025 | Thu | Russian diplo/intel. Two messages                                                                                        | FSK 200/500     | (AB-RUS)     |
| F01  | 7591    | 2-6  | 1035 | Thu | Russian diplo/intel. Two messages                                                                                        | FSK 200/500     | (AB-RUS)     |
| F01  | 11487   | 3-6  | 1015 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                                                              | FSK 200/500     | (AB)         |
| F01  | 9376    | 3-6  | 1025 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                                                              | FSK 200/500     | (AB-RUS)     |
| F01  | 7591    | 3-6  | 1035 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                                                              | FSK 200/500     | (AB-RUS)     |
| F01  | 11487   | 6-6  | 1015 | Mon | Russian diplo/intel. 22202 81849 57296 ... 56177 86864 87435 00000 +++++                                                 | FSK 200/500     | (AB)         |
| F01  | 9376    | 6-6  | 1025 | Mon | Russian diplo/intel. 22202 81849 57296 ... 56177 86864 87435 00000 +++++                                                 | FSK 200/500     | (AB-RUS)     |
| F01  | 7591    | 6-6  | 1035 | Mon | Russian diplo/intel. 22202 81849 57296 ... 56177 86864 87435 00000 +++++                                                 | FSK 200/500     | (AB-RUS)     |
| F01  | 11487   | 7-6  | 1015 | Tue | Russian diplo/intel. Two messages                                                                                        | FSK 200/500     | (AB/HFD)     |
| F01  | 9376    | 7-6  | 1025 | Tue | Russian diplo/intel. Two messages                                                                                        | FSK 200/500     | (AB-RUS/HFD) |
| F01  | 7591    | 7-6  | 1035 | Tue | Russian diplo/intel. Two messages                                                                                        | FSK 200/500     | (AB-RUS/HFD) |
| F01  | 11487   | 8-6  | 1015 | Wed | Russian diplo/intel. 33594 32291 52408 ... 89003 41442 90405 00000 +++++                                                 | FSK 200/500     | (AB)         |
| F01  | 9376    | 8-6  | 1025 | Wed | Russian diplo/intel. 33594 32291 52408 ... 89003 41442 90405 00000 +++++                                                 | FSK 200/500     | (AB-RUS)     |
| F01  | 7591    | 8-6  | 1035 | Wed | Russian diplo/intel. 33594 32291 52408 ... 89003 41442 90405 00000 +++++                                                 | FSK 200/500     | (AB-RUS)     |



|     |       |      |      |     |                                                                                      |              |                  |
|-----|-------|------|------|-----|--------------------------------------------------------------------------------------|--------------|------------------|
| F01 | 11487 | 9-6  | 1015 | Thu | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB)             |
| F01 | 9376  | 9-6  | 1025 | Thu | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 9-6  | 1035 | Thu | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB-RUS)         |
| F01 | 11487 | 10-6 | 1015 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                          | FSK 200/500  | (AB)             |
| F01 | 9376  | 10-6 | 1025 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                          | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 10-6 | 1035 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                          | FSK 200/500  | (AB-RUS)         |
| F01 | 11487 | 13-6 | 1015 | Mon | Russian diplo/intel. 81556 39466 70406 ... 53162 58455 93415 00000 +++++ +++++ +++++ | FSK 200/500  | (AB/MPJ-FIN)     |
| F01 | 9376  | 13-6 | 1025 | Mon | Russian diplo/intel. 81556 39466 70406 ... 53162 58455 93415 00000 +++++ +++++ +++++ | FSK 200/500  | (AB-RUS/MPJ-FIN) |
| F01 | 7591  | 13-6 | 1035 | Mon | Russian diplo/intel. 81556 39466 70406 ... 53162 58455 93415 00000 +++++ +++++ +++++ | FSK 200/500  | (AB-RUS/MPJ-FIN) |
| F01 | 11487 | 14-6 | 1015 | Tue | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB)             |
| F01 | 9376  | 14-6 | 1025 | Tue | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 14-6 | 1035 | Tue | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB-RUS)         |
| F01 | 11487 | 15-6 | 1015 | Wed | Russian diplo/intel. Too weak to copy                                                | FSK 200/500  | (AB)             |
| F01 | 9376  | 15-6 | 1025 | Wed | Russian diplo/intel. Too weak to copy                                                | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 15-6 | 1035 | Wed | Russian diplo/intel. Too weak to copy                                                | FSK 200/500  | (AB-RUS)         |
| F01 | 11487 | 16-6 | 1015 | Thu | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB)             |
| F01 | 9376  | 16-6 | 1025 | Thu | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 16-6 | 1035 | Thu | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB-RUS)         |
| F01 | 11487 | 17-6 | 1015 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                          | FSK 200/500  | (AB)             |
| F01 | 9376  | 17-6 | 1025 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                          | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 17-6 | 1035 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                          | FSK 200/500  | (AB-RUS)         |
| F01 | 11487 | 20-6 | 1015 | Mon | Russian diplo/intel. 16976 32689 20474 ... 68289 17330 99407 00000 +++++ +++++       | FSK 200/500  | (AB)             |
| F01 | 9376  | 20-6 | 1025 | Mon | Russian diplo/intel. 16976 32689 20474 ... 68289 17330 99407 00000 +++++ +++++       | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 20-6 | 1035 | Mon | Russian diplo/intel. 16976 32689 20474 ... 68289 17330 99407 00000 +++++ +++++       | FSK 200/500  | (AB-RUS)         |
| F01 | 11487 | 21-6 | 1015 | Tue | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB)             |
| F01 | 9376  | 21-6 | 1025 | Tue | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 21-6 | 1035 | Tue | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB-RUS)         |
| F01 | 11487 | 22-6 | 1015 | Wed | Russian diplo/intel. 94901 07446 28389 ... 53226 55742 03411 00000 +++++             | FSK 200/500  | (AB)             |
| F01 | 9376  | 22-6 | 1025 | Wed | Russian diplo/intel. 94901 07446 28389 ... 53226 55742 03411 00000 +++++             | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 22-6 | 1035 | Wed | Russian diplo/intel. 94901 07446 28389 ... 53226 55742 03411 00000 +++++             | FSK 200/500  | (AB-RUS)         |
| F01 | 11487 | 23-6 | 1015 | Thu | Russian diplo/intel. Wrong shift. Two messages                                       | FSK 200/1000 | (AB)             |
| F01 | 9376  | 23-6 | 1025 | Thu | Russian diplo/intel. Wrong shift. Two messages                                       | FSK 200/1000 | (AB-RUS)         |
| F01 | 7591  | 23-6 | 1035 | Thu | Russian diplo/intel. Wrong shift. Two messages                                       | FSK 200/1000 | (AB-RUS)         |
| F01 | 11487 | 24-6 | 1015 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                          | FSK 200/500  | (AB)             |
| F01 | 9376  | 24-6 | 1025 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                          | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 24-6 | 1035 | Fri | Russian diplo/intel. 5761 00000 +++++ +++++                                          | FSK 200/500  | (AB-RUS)         |
| F01 | 11487 | 27-6 | 1015 | Mon | Russian diplo/intel. 87025 18357 13169 ... 75245 79302 06415 00000 +++++ +++++ +++++ | FSK 200/500  | (AB)             |
| F01 | 9376  | 27-6 | 1025 | Mon | Russian diplo/intel. 87025 18357 13169 ... 75245 79302 06415 00000 +++++ +++++ +++++ | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 27-6 | 1035 | Mon | Russian diplo/intel. 87025 18357 13169 ... 75245 79302 06415 00000 +++++ +++++ +++++ | FSK 200/500  | (AB-RUS)         |
| F01 | 11487 | 28-6 | 1015 | Tue | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB)             |
| F01 | 9376  | 28-6 | 1025 | Tue | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB-RUS)         |
| F01 | 7591  | 28-6 | 1035 | Tue | Russian diplo/intel. Two messages                                                    | FSK 200/500  | (AB-RUS)         |

|             |       |      |      |     |                                                                                      |                         |          |
|-------------|-------|------|------|-----|--------------------------------------------------------------------------------------|-------------------------|----------|
| <b>F01</b>  | 11487 | 29-6 | 1015 | Wed | Russian diplo/intel. Wrong shift 49719 39048 79784 ... 80706 42421 09405 00000 +++++ | FSK 200/1000            | (AB)     |
| <b>F01</b>  | 9376  | 29-6 | 1025 | Wed | Russian diplo/intel. Wrong shift 49719 39048 79784 ... 80706 42421 09405 00000 +++++ | FSK 200/1000            | (AB-RUS) |
| <b>F01</b>  | 7591  | 29-6 | 1035 | Wed | Russian diplo/intel. Wromg shift 49719 39048 79784 ... 80706 42421 09405 00000 +++++ | FSK 200/1000            | (AB-RUS) |
| <b>F01</b>  | 11487 | 30-6 | 1015 | Thu | Russian diplo/intel. Two messages                                                    | FSK 200/500             | (AB)     |
| <b>F01</b>  | 9376  | 30-6 | 1025 | Thu | Russian diplo/intel. Two messages                                                    | FSK 200/500             | (AB-RUS) |
| <b>F01</b>  | 7591  | 30-6 | 1035 | Thu | Russian diplo/intel. Two messages                                                    | FSK 200/500             | (AB-RUS) |
| <b>F03j</b> | 17410 | 1-6  | 0615 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| <b>F03j</b> | 17410 | 1-6  | 0620 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| <b>F03j</b> | 10210 | 1-6  | 0735 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 1-6  | 0740 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 18030 | 1-6  | 0800 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| <b>F03j</b> | 18030 | 1-6  | 0805 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| <b>F03j</b> | 6304  | 1-6  | 0915 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6304  | 1-6  | 0920 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12984 | 1-6  | 1010 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12984 | 1-6  | 1015 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 8423  | 1-6  | 1030 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 8423  | 1-6  | 1035 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 1-6  | 1335 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 1-6  | 1340 | Wed | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 9079  | 2-6  | 0430 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 9079  | 2-6  | 0435 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 17410 | 2-6  | 0725 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 17410 | 2-6  | 0730 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 2-6  | 0735 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 2-6  | 0740 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12385 | 2-6  | 0835 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12385 | 2-6  | 0840 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6304  | 2-6  | 0915 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6304  | 2-6  | 0920 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 2-6  | 1335 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (MPJ)    |
| <b>F03j</b> | 10210 | 2-6  | 1340 | Thu | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (MPJ)    |
| <b>F03j</b> | 10210 | 3-6  | 0735 | Fri | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 3-6  | 0740 | Fri | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12397 | 3-6  | 0810 | Fri | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12397 | 3-6  | 0815 | Fri | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 9339  | 3-6  | 0850 | Fri | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 9339  | 3-6  | 0855 | Fri | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6923  | 3-6  | 0930 | Fri | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6923  | 3-6  | 0935 | Fri | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 3-6  | 1335 | Fri | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 3-6  | 1340 | Fri | Polish intel.                                                                        | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |

|      |       |     |      |     |               |                         |          |
|------|-------|-----|------|-----|---------------|-------------------------|----------|
| F03j | 9950  | 3-6 | 1500 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 9950  | 3-6 | 1505 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 4-6 | 0735 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 4-6 | 0735 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 4-6 | 0740 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 4-6 | 0740 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 4-6 | 1335 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 4-6 | 1340 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 5-6 | 1335 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 5-6 | 1340 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 17410 | 6-6 | 0615 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 17410 | 6-6 | 0620 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 10210 | 6-6 | 0735 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 6-6 | 0740 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12397 | 6-6 | 0810 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12397 | 6-6 | 0815 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 6923  | 6-6 | 0930 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 6923  | 6-6 | 0935 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12984 | 6-6 | 1010 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12984 | 6-6 | 1015 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 8423  | 6-6 | 1030 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 8423  | 6-6 | 1035 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 6-6 | 1335 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 6-6 | 1340 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 9079  | 7-6 | 0430 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 9079  | 7-6 | 0435 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 8803  | 7-6 | 0615 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| F03j | 8803  | 7-6 | 0620 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| F03j | 17410 | 7-6 | 0725 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 17410 | 7-6 | 0730 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 7-6 | 0735 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 7-6 | 0740 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 18030 | 7-6 | 0800 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 18030 | 7-6 | 0805 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12385 | 7-6 | 0835 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12385 | 7-6 | 0840 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 9339  | 7-6 | 0850 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 9339  | 7-6 | 0855 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 7663  | 7-6 | 0945 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 7663  | 7-6 | 0950 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 7-6 | 1335 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 7-6 | 1340 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |



|             |       |      |      |     |               |                         |              |
|-------------|-------|------|------|-----|---------------|-------------------------|--------------|
| <b>F03j</b> | 9950  | 7-6  | 1500 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| <b>F03j</b> | 9950  | 7-6  | 1505 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| <b>F03j</b> | 17410 | 8-6  | 0615 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 17410 | 8-6  | 0620 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 10210 | 8-6  | 0735 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 10210 | 8-6  | 0740 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 18030 | 8-6  | 0800 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL)     |
| <b>F03j</b> | 18030 | 8-6  | 0805 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL)     |
| <b>F03j</b> | 6304  | 8-6  | 0915 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 6304  | 8-6  | 0920 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 12984 | 8-6  | 1010 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 12984 | 8-6  | 1015 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 8423  | 8-6  | 1030 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 8423  | 8-6  | 1035 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 10210 | 8-6  | 1335 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 10210 | 8-6  | 1340 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 9079  | 9-6  | 0430 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 9079  | 9-6  | 0435 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 8803  | 9-6  | 0720 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 8803  | 9-6  | 0725 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 17410 | 9-6  | 0725 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 17410 | 9-6  | 0730 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 10210 | 9-6  | 0735 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 10210 | 9-6  | 0740 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 12385 | 9-6  | 0835 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 12385 | 9-6  | 0840 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 6304  | 9-6  | 0915 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ-POL) |
| <b>F03j</b> | 6304  | 9-6  | 0920 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ-POL) |
| <b>F03j</b> | 10210 | 9-6  | 1335 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| <b>F03j</b> | 10210 | 9-6  | 1340 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| <b>F03j</b> | 10210 | 10-6 | 0735 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 10210 | 10-6 | 0740 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 12397 | 10-6 | 0810 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 12397 | 10-6 | 0815 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 9339  | 10-6 | 0850 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 9339  | 10-6 | 0855 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 6923  | 10-6 | 0930 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 6923  | 10-6 | 0935 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 10210 | 10-6 | 1335 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| <b>F03j</b> | 10210 | 10-6 | 1340 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| <b>F03j</b> | 10210 | 11-6 | 0735 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| <b>F03j</b> | 10210 | 11-6 | 0740 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |

|      |       |      |      |     |               |                         |              |
|------|-------|------|------|-----|---------------|-------------------------|--------------|
| F03j | 10210 | 11-6 | 1335 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 10210 | 11-6 | 1340 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 10210 | 12-6 | 0735 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 10210 | 12-6 | 0740 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 10210 | 12-6 | 1335 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| F03j | 10210 | 12-6 | 1340 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| F03j | 17410 | 13-6 | 0615 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 17410 | 13-6 | 0620 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 10210 | 13-6 | 0735 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 10210 | 13-6 | 0740 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 12397 | 13-6 | 0810 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 12397 | 13-6 | 0815 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 6923  | 13-6 | 0930 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 6923  | 13-6 | 0935 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 12984 | 13-6 | 1010 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| F03j | 12984 | 13-6 | 1015 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| F03j | 8423  | 13-6 | 1030 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| F03j | 8423  | 13-6 | 1035 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| F03j | 10210 | 13-6 | 1335 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 10210 | 13-6 | 1340 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 9079  | 14-6 | 0430 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 9079  | 14-6 | 0435 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 17410 | 14-6 | 0725 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 17410 | 14-6 | 0730 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 10210 | 14-6 | 0735 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 10210 | 14-6 | 0740 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 18030 | 14-6 | 0800 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 18030 | 14-6 | 0805 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 12385 | 14-6 | 0835 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 12385 | 14-6 | 0840 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 7663  | 14-6 | 0945 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ-FIN) |
| F03j | 7663  | 14-6 | 0950 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ-FIN) |
| F03j | 10210 | 14-6 | 1335 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ-HOL) |
| F03j | 10210 | 14-6 | 1340 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ-HOL) |
| F03j | 9950  | 14-6 | 1500 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| F03j | 9950  | 14-6 | 1505 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ)     |
| F03j | 17410 | 15-6 | 0615 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 17410 | 15-6 | 0620 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 10210 | 15-6 | 0735 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 10210 | 15-6 | 0740 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)         |
| F03j | 18030 | 15-6 | 0800 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL)     |
| F03j | 18030 | 15-6 | 0805 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL)     |

|      |       |      |      |     |               |                         |          |
|------|-------|------|------|-----|---------------|-------------------------|----------|
| F03j | 6304  | 15-6 | 0915 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 6304  | 15-6 | 0920 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 12984 | 15-6 | 1010 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12984 | 15-6 | 1015 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 8423  | 15-6 | 1030 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 8423  | 15-6 | 1035 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 15-6 | 1335 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 15-6 | 1340 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 9079  | 16-6 | 0430 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 9079  | 16-6 | 0435 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 11420 | 16-6 | 0615 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| F03j | 11420 | 16-6 | 0620 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| F03j | 11420 | 16-6 | 0720 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| F03j | 11420 | 16-6 | 0725 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| F03j | 17410 | 16-6 | 0725 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 17410 | 16-6 | 0730 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 16-6 | 0735 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 16-6 | 0740 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12385 | 16-6 | 0835 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12385 | 16-6 | 0840 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 6304  | 16-6 | 0915 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 6304  | 16-6 | 0920 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 16-6 | 1335 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 16-6 | 1340 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 17-6 | 0735 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 17-6 | 0740 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12397 | 17-6 | 0810 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12397 | 17-6 | 0815 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 9339  | 17-6 | 0850 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 9339  | 17-6 | 0855 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 6923  | 17-6 | 0930 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 6923  | 17-6 | 0935 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 7663  | 17-6 | 0945 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 7663  | 17-6 | 0950 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 17-6 | 1335 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 17-6 | 1340 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 9950  | 17-6 | 1500 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 9950  | 17-6 | 1505 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 18-6 | 0735 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 18-6 | 0740 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 18-6 | 1335 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 18-6 | 1340 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |

|             |       |      |      |     |               |                         |          |
|-------------|-------|------|------|-----|---------------|-------------------------|----------|
| <b>F03j</b> | 10210 | 19-6 | 0735 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 19-6 | 0740 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 19-6 | 1335 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 19-6 | 1340 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 17410 | 20-6 | 0615 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 17410 | 20-6 | 0620 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 20-6 | 0735 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 20-6 | 0740 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12397 | 20-6 | 0810 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12397 | 20-6 | 0815 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6923  | 20-6 | 0930 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6923  | 20-6 | 0935 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12984 | 20-6 | 1010 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12984 | 20-6 | 1015 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 8423  | 20-6 | 1030 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 8423  | 20-6 | 1035 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 20-6 | 1335 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 20-6 | 1340 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 9079  | 21-6 | 0430 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 9079  | 21-6 | 0435 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 11420 | 21-6 | 0615 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| <b>F03j</b> | 11420 | 21-6 | 0620 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| <b>F03j</b> | 11420 | 21-6 | 0715 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| <b>F03j</b> | 11420 | 21-6 | 0720 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 11420 | 21-6 | 0720 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| <b>F03j</b> | 11420 | 21-6 | 0725 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 21-6 | 0735 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 21-6 | 0740 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 18030 | 21-6 | 0800 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 18030 | 21-6 | 0805 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12385 | 21-6 | 0835 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12385 | 21-6 | 0840 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 7663  | 21-6 | 0945 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 7663  | 21-6 | 0950 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (Ab)     |
| <b>F03j</b> | 10210 | 21-6 | 1335 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 21-6 | 1340 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 9950  | 21-6 | 1500 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 9950  | 21-6 | 1505 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 22-6 | 0735 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 22-6 | 0740 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 18030 | 22-6 | 0800 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| <b>F03j</b> | 18030 | 22-6 | 0805 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |

|             |       |      |      |     |               |                         |          |
|-------------|-------|------|------|-----|---------------|-------------------------|----------|
| <b>F03j</b> | 6304  | 22-6 | 0915 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| <b>F03j</b> | 6304  | 22-6 | 0920 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| <b>F03j</b> | 12984 | 22-6 | 1010 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12984 | 22-6 | 1015 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 8423  | 22-6 | 1030 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 8423  | 22-6 | 1035 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 22-6 | 1335 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 22-6 | 1340 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 9079  | 23-6 | 0430 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 9079  | 23-6 | 0435 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 11420 | 23-6 | 0615 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 11420 | 23-6 | 0620 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 11420 | 23-6 | 0720 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| <b>F03j</b> | 11420 | 23-6 | 0725 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| <b>F03j</b> | 17410 | 23-6 | 0725 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 17410 | 23-6 | 0730 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 23-6 | 0735 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 23-6 | 0740 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12385 | 23-6 | 0835 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12385 | 23-6 | 0835 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12385 | 23-6 | 0840 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6304  | 23-6 | 0915 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6304  | 23-6 | 0920 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 23-6 | 1335 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 23-6 | 1340 | Thu | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 24-6 | 0735 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 24-6 | 0740 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12397 | 24-6 | 0810 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12397 | 24-6 | 0815 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 9339  | 24-6 | 0850 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 9339  | 24-6 | 0855 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6923  | 24-6 | 0930 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6923  | 24-6 | 0935 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 7663  | 24-6 | 0945 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 7663  | 24-6 | 0950 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 24-6 | 1335 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 24-6 | 1340 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 9950  | 24-6 | 1500 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 9950  | 24-6 | 1505 | Fri | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 25-6 | 0735 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 25-6 | 0740 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 25-6 | 1335 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (MPJ)    |



|             |       |      |      |     |               |                         |          |
|-------------|-------|------|------|-----|---------------|-------------------------|----------|
| <b>F03j</b> | 10210 | 25-6 | 1340 | Sat | Polish intel. | FSK-4 100Bd/400Hz/448bp | (MPJ)    |
| <b>F03j</b> | 10210 | 26-6 | 0735 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 26-6 | 0740 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 26-6 | 1335 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 26-6 | 1340 | Sun | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 17410 | 27-6 | 0615 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 17410 | 27-6 | 0620 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 27-6 | 0735 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 27-6 | 0740 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12397 | 27-6 | 0810 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12397 | 27-6 | 0815 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6923  | 27-6 | 0930 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 6923  | 27-6 | 0935 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12984 | 27-6 | 1010 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 12984 | 27-6 | 1015 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 8423  | 27-6 | 1030 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 8423  | 27-6 | 1035 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 27-6 | 1335 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 27-6 | 1340 | Mon | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 9079  | 28-6 | 0430 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 9079  | 28-6 | 0435 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 11420 | 28-6 | 0615 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| <b>F03j</b> | 11420 | 28-6 | 0620 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (PY)     |
| <b>F03j</b> | 11420 | 28-6 | 0718 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 11420 | 28-6 | 0723 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 17410 | 28-6 | 0725 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 17410 | 28-6 | 0730 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 28-6 | 0735 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 28-6 | 0740 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 18030 | 28-6 | 0800 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 18030 | 28-6 | 0805 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 9339  | 28-6 | 0810 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 9339  | 28-6 | 0815 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12385 | 28-6 | 0835 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 12385 | 28-6 | 0840 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 7663  | 28-6 | 0945 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 7663  | 28-6 | 0950 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (Ab)     |
| <b>F03j</b> | 10210 | 28-6 | 1335 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 10210 | 28-6 | 1340 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| <b>F03j</b> | 9950  | 28-6 | 1500 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 9950  | 28-6 | 1505 | Tue | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| <b>F03j</b> | 10210 | 29-6 | 0735 | Wed | Polish intel. | FSK-4 100Bd/400Hz/448bp | (AB)     |

|      |       |      |      |     |                                                                                            |                         |          |
|------|-------|------|------|-----|--------------------------------------------------------------------------------------------|-------------------------|----------|
| F03j | 10210 | 29-6 | 0740 | Wed | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 18030 | 29-6 | 0800 | Wed | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 18030 | 29-6 | 0805 | Wed | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 6304  | 29-6 | 0915 | Wed | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 6304  | 29-6 | 0920 | Wed | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 12984 | 29-6 | 1010 | Wed | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 12984 | 29-6 | 1015 | Wed | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 8423  | 29-6 | 1030 | Wed | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 8423  | 29-6 | 1035 | Wed | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 29-6 | 1335 | Wed | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 29-6 | 1340 | Wed | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 9079  | 30-6 | 0430 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 9079  | 30-6 | 0435 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 11420 | 30-6 | 0615 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 11420 | 30-6 | 0620 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 11420 | 30-6 | 0720 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (PY)     |
| F03j | 11420 | 30-6 | 0725 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (PY)     |
| F03j | 17410 | 30-6 | 0725 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 17410 | 30-6 | 0730 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 30-6 | 0735 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 10210 | 30-6 | 0740 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB-POL) |
| F03j | 12385 | 30-6 | 0841 | Thu | Polish intel. Late start. Test tone right into the transmission. No transmission at 0835z. | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 6304  | 30-6 | 0915 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 6304  | 30-6 | 0920 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB)     |
| F03j | 10210 | 30-6 | 1335 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03j | 10210 | 30-6 | 1340 | Thu | Polish intel.                                                                              | FSK-4 100Bd/400Hz/448bp | (AB/MPJ) |
| F03I | 9079  | 1-6  | 0950 | Wed | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |
| F03I | 9079  | 1-6  | 0955 | Wed | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |
| F03I | 6433  | 1-6  | 1100 | Wed | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |
| F03I | 6433  | 1-6  | 1105 | Wed | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |
| F03I | 8180  | 1-6  | 1935 | Wed | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |
| F03I | 8180  | 1-6  | 1940 | Wed | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |
| F03I | 14865 | 2-6  | 0635 | Thu | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |
| F03I | 14865 | 2-6  | 0640 | Thu | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |
| F03I | 5194  | 2-6  | 0800 | Thu | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB-POL) |
| F03I | 5194  | 2-6  | 0805 | Thu | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB-POL) |
| F03I | 12385 | 2-6  | 1800 | Thu | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB/MPJ) |
| F03I | 12385 | 2-6  | 1805 | Thu | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB/MPJ) |
| F03I | 6304  | 2-6  | 1830 | Thu | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |
| F03I | 6304  | 2-6  | 1835 | Thu | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |
| F03I | 8180  | 2-6  | 1935 | Thu | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |
| F03I | 8180  | 2-6  | 1940 | Thu | Polish intel.                                                                              | FSK-2 100Bd/200Hz       | (AB)     |

|             |       |      |      |     |               |                   |          |
|-------------|-------|------|------|-----|---------------|-------------------|----------|
| <b>F03I</b> | 5194  | 3-6  | 0800 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 5194  | 3-6  | 0805 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 8180  | 3-6  | 1935 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 8180  | 3-6  | 1940 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 8180  | 4-6  | 1935 | Sat | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 8180  | 4-6  | 1940 | Sat | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 8180  | 5-6  | 1935 | Sun | Polish intel. | FSK-2 100Bd/200Hz | (FD)     |
| <b>F03I</b> | 8180  | 5-6  | 1940 | Sun | Polish intel. | FSK-2 100Bd/200Hz | (FD)     |
| <b>F03I</b> | 9079  | 6-6  | 0950 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 9079  | 6-6  | 0955 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 6304  | 6-6  | 1830 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ) |
| <b>F03I</b> | 6304  | 6-6  | 1835 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ) |
| <b>F03I</b> | 8180  | 6-6  | 1935 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 8180  | 6-6  | 1940 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 14865 | 7-6  | 0635 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 14865 | 7-6  | 0640 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 6433  | 7-6  | 1100 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 6433  | 7-6  | 1105 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 12385 | 7-6  | 1800 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ) |
| <b>F03I</b> | 12385 | 7-6  | 1805 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ) |
| <b>F03I</b> | 8180  | 7-6  | 1935 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 8180  | 7-6  | 1940 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 9079  | 8-6  | 0950 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 9079  | 8-6  | 0955 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 6433  | 8-6  | 1100 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 6433  | 8-6  | 1105 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 8180  | 8-6  | 1935 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 8180  | 8-6  | 1940 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 14410 | 9-6  | 0430 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 14410 | 9-6  | 0435 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 14865 | 9-6  | 0635 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 14865 | 9-6  | 0640 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 5194  | 9-6  | 0800 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB-POL) |
| <b>F03I</b> | 5194  | 9-6  | 0805 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB-POL) |
| <b>F03I</b> | 12385 | 9-6  | 1800 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 12385 | 9-6  | 1805 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 6304  | 9-6  | 1830 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ) |
| <b>F03I</b> | 6304  | 9-6  | 1835 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ) |
| <b>F03I</b> | 8180  | 9-6  | 1935 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 8180  | 9-6  | 1940 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 5194  | 10-6 | 0800 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| <b>F03I</b> | 5194  | 10-6 | 0805 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |



|             |       |      |      |     |               |                   |              |
|-------------|-------|------|------|-----|---------------|-------------------|--------------|
| <b>F03I</b> | 8180  | 10-6 | 1935 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 10-6 | 1940 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 11-6 | 1935 | Sat | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 11-6 | 1940 | Sat | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 12-6 | 1935 | Sun | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 12-6 | 1940 | Sun | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 9079  | 13-6 | 0950 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 9079  | 13-6 | 0955 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 6304  | 13-6 | 1830 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 6304  | 13-6 | 1835 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 8180  | 13-6 | 1935 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 13-6 | 1940 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14865 | 14-6 | 0635 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14865 | 14-6 | 0640 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 6433  | 14-6 | 1100 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ-HOL) |
| <b>F03I</b> | 6433  | 14-6 | 1105 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ-HOL) |
| <b>F03I</b> | 12385 | 14-6 | 1800 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 12385 | 14-6 | 1805 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 8180  | 14-6 | 1935 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 14-6 | 1940 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14410 | 15-6 | 0430 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14410 | 15-6 | 0435 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 9079  | 15-6 | 0950 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 9079  | 15-6 | 0955 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 6433  | 15-6 | 1100 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 6433  | 15-6 | 1105 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 15-6 | 1935 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 15-6 | 1940 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14410 | 16-6 | 0430 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14410 | 16-6 | 0435 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14865 | 16-6 | 0635 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14865 | 16-6 | 0640 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 5194  | 16-6 | 0800 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB-POL)     |
| <b>F03I</b> | 5194  | 16-6 | 0805 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB-POL)     |
| <b>F03I</b> | 12385 | 16-6 | 1800 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 12385 | 16-6 | 1805 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 6304  | 16-6 | 1830 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 6304  | 16-6 | 1835 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 8180  | 16-6 | 1935 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 16-6 | 1940 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 5194  | 17-6 | 0800 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB-POL)     |
| <b>F03I</b> | 5194  | 17-6 | 0805 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB-POL)     |

|      |       |      |      |     |               |                   |          |
|------|-------|------|------|-----|---------------|-------------------|----------|
| F03I | 8180  | 17-6 | 1935 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 17-6 | 1940 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 18-6 | 1935 | Sat | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 18-6 | 1940 | Sat | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 19-6 | 1935 | Sun | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 19-6 | 1940 | Sun | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 9079  | 20-6 | 0950 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 9079  | 20-6 | 0955 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 6304  | 20-6 | 1830 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 6304  | 20-6 | 1835 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 20-6 | 1935 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 20-6 | 1940 | Mon | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 14865 | 21-6 | 0635 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 14865 | 21-6 | 0640 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 6433  | 21-6 | 1100 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 6433  | 21-6 | 1105 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 12385 | 21-6 | 1800 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 12385 | 21-6 | 1805 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 21-6 | 1935 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 21-6 | 1940 | Tue | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 9079  | 22-6 | 0950 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 9079  | 22-6 | 0955 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 6433  | 22-6 | 1100 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 6433  | 22-6 | 1105 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 22-6 | 1935 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 22-6 | 1940 | Wed | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 14865 | 23-6 | 0635 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 14865 | 23-6 | 0640 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 5194  | 23-6 | 0800 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB-POL) |
| F03I | 5194  | 23-6 | 0805 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB-POL) |
| F03I | 12385 | 23-6 | 1800 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ) |
| F03I | 12385 | 23-6 | 1805 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB/MPJ) |
| F03I | 6304  | 23-6 | 1830 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 6304  | 23-6 | 1835 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 23-6 | 1935 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 23-6 | 1940 | Thu | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 5194  | 24-6 | 0800 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB-POL) |
| F03I | 5194  | 24-6 | 0805 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB-POL) |
| F03I | 8180  | 24-6 | 1935 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 24-6 | 1940 | Fri | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 25-6 | 1935 | Sat | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |
| F03I | 8180  | 25-6 | 1940 | Sat | Polish intel. | FSK-2 100Bd/200Hz | (AB)     |

|             |       |      |      |     |                                                    |                   |              |
|-------------|-------|------|------|-----|----------------------------------------------------|-------------------|--------------|
| <b>F03I</b> | 8180  | 26-6 | 1935 | Sun | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 26-6 | 1940 | Sun | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 9079  | 27-6 | 0950 | Mon | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 9079  | 27-6 | 0955 | Mon | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 6304  | 27-6 | 1830 | Mon | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 6304  | 27-6 | 1835 | Mon | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 8180  | 27-6 | 1935 | Mon | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 27-6 | 1940 | Mon | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14865 | 28-6 | 0635 | Tue | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14865 | 28-6 | 0640 | Tue | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 6433  | 28-6 | 1100 | Tue | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 6433  | 28-6 | 1105 | Tue | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 12385 | 28-6 | 1800 | Tue | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 12385 | 28-6 | 1805 | Tue | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB/MPJ)     |
| <b>F03I</b> | 8180  | 28-6 | 1935 | Tue | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 28-6 | 1940 | Tue | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 9079  | 29-6 | 0950 | Wed | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 9079  | 29-6 | 0955 | Wed | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 6433  | 29-6 | 1100 | Wed | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 6433  | 29-6 | 1105 | Wed | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 29-6 | 1935 | Wed | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 29-6 | 1940 | Wed | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14410 | 30-6 | 0430 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14410 | 30-6 | 0435 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14865 | 30-6 | 0635 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 14865 | 30-6 | 0640 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 5194  | 30-6 | 0800 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB-POL)     |
| <b>F03I</b> | 5194  | 30-6 | 0805 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB-POL)     |
| <b>F03I</b> | 12385 | 30-6 | 1800 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB-POL/MPJ) |
| <b>F03I</b> | 12385 | 30-6 | 1805 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB-POL/MPJ) |
| <b>F03I</b> | 6304  | 30-6 | 1830 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 6304  | 30-6 | 1835 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 30-6 | 1935 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F03I</b> | 8180  | 30-6 | 1940 | Thu | Polish intel.                                      | FSK-2 100Bd/200Hz | (AB)         |
| <b>F06</b>  | 17512 | 1-6  | 0600 | Wed | Russian diplo/intel. 11166 40122 43159 28003 03579 | FSK 200/1000      | (AB-J)       |
| <b>F06</b>  | 15930 | 1-6  | 0610 | Wed | Russian diplo/intel. 11166 40122 43159 28003 03579 | FSK 200/1000      | (AB-J)       |
| <b>F06</b>  | 13503 | 1-6  | 0620 | Wed | Russian diplo/intel. 11166 40122 43159 28003 03579 | FSK 200/1000      | (AB-J)       |
| <b>F06</b>  | 11474 | 1-6  | 0700 | Wed | Russian diplo/intel. 11166 70202 94572 31016 02479 | FSK 200/1000      | (AB)         |
| <b>F06</b>  | 9324  | 1-6  | 0710 | Wed | Russian diplo/intel. 11166 70202 94572 31016 02479 | FSK 200/1000      | (AB)         |
| <b>F06</b>  | 7461  | 1-6  | 0720 | Wed | Russian diplo/intel. 11166 70202 94572 31016 02479 | FSK 200/1000      | (AB)         |
| <b>F06</b>  | 10762 | 1-6  | 1200 | Wed | Russian diplo/intel. 11166 70202 94572 31016 02479 | FSK 200/1000      | (AB)         |
| <b>F06</b>  | 8191  | 1-6  | 1210 | Wed | Russian diplo/intel. 11166 70202 94572 31016 02479 | FSK 200/1000      | (AB)         |

|     |       |     |      |     |                                                                                      |              |              |
|-----|-------|-----|------|-----|--------------------------------------------------------------------------------------|--------------|--------------|
| F06 | 6782  | 1-6 | 1220 | Wed | Russian diplo/intel. 11166 70202 94572 31016 02479                                   | FSK 200/1000 | (AB)         |
| F06 | 17512 | 2-6 | 0600 | Thu | Russian diplo/intel. 11166 40122 43159 28003 03579                                   | FSK 200/1000 | (AB-J)       |
| F06 | 15930 | 2-6 | 0610 | Thu | Russian diplo/intel. 11166 40122 43159 28003 03579                                   | FSK 200/1000 | (AB-J)       |
| F06 | 13503 | 2-6 | 0620 | Thu | Russian diplo/intel. 11166 40122 43159 28003 03579                                   | FSK 200/1000 | (AB-J)       |
| F06 | 11474 | 2-6 | 0700 | Thu | Russian diplo/intel. 11166 70202 43958 01017 01539 and 11166 70202 26471 01018 01719 | FSK 200/1000 | (AB)         |
| F06 | 9324  | 2-6 | 0710 | Thu | Russian diplo/intel. 11166 70202 43958 01017 01539 and 11166 70202 26471 01018 01719 | FSK 200/1000 | (AB)         |
| F06 | 7461  | 2-6 | 0720 | Thu | Russian diplo/intel. 11166 70202 43958 01017 01539 and 11166 70202 26471 01018 01719 | FSK 200/1000 | (AB)         |
| F06 | 10762 | 2-6 | 1200 | Thu | Russian diplo/intel. 11166 70202 43958 01017 01539 and 11166 70202 26471 01018 01719 | FSK 200/1000 | (AB)         |
| F06 | 8191  | 2-6 | 1210 | Thu | Russian diplo/intel. 11166 70202 43958 01017 01539 and 11166 70202 26471 01018 01719 | FSK 200/1000 | (AB)         |
| F06 | 6782  | 2-6 | 1220 | Thu | Russian diplo/intel. 11166 70202 43958 01017 01539 and 11166 70202 26471 01018 01719 | FSK 200/1000 | (AB)         |
| F06 | 11474 | 3-6 | 0700 | Fri | Russian diplo/intel. 11166 70202 32587 03012 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 9324  | 3-6 | 0710 | Fri | Russian diplo/intel. 11166 70202 32587 03012 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 7461  | 3-6 | 0720 | Fri | Russian diplo/intel. 11166 70202 32587 03012 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 7337  | 4-6 | 1410 | Sat | Russian diplo/intel. 11100 00000 42536 04011 02529                                   | FSK 200/1000 | (PY)         |
| F06 | 9481  | 4-6 | 1420 | Sat | Russian diplo/intel. 11100 00000 42536 04011 02529                                   | FSK 200/1000 | (PY)         |
| F06 | 19838 | 5-6 | 1530 | Sun | Russian diplo/intel. 11166 10053 54879 05075 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 16238 | 5-6 | 1540 | Sun | Russian diplo/intel. 11166 10053 54879 05075 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 13546 | 5-6 | 1550 | Sun | Russian diplo/intel. 11166 10053 54879 05075 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 12194 | 6-6 | 0400 | Mon | Russian diplo/intel. 11166 70059 54879 06075 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 10943 | 6-6 | 0410 | Mon | Russian diplo/intel. 11166 70059 54879 06075 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 8116  | 6-6 | 0420 | Mon | Russian diplo/intel. 11166 70059 54879 06075 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 11474 | 6-6 | 0700 | Mon | Russian diplo/intel. 11166 70202 34586 03019 02639                                   | FSK 200/1000 | (AB)         |
| F06 | 9324  | 6-6 | 0710 | Mon | Russian diplo/intel. 11166 70202 34586 03019 02639                                   | FSK 200/1000 | (AB)         |
| F06 | 7461  | 6-6 | 0720 | Mon | Russian diplo/intel. 11166 70202 34586 03019 02639                                   | FSK 200/1000 | (AB)         |
| F06 | 10762 | 6-6 | 1200 | Mon | Russian diplo/intel. 11166 70202 34586 03019 02639                                   | FSK 200/1000 | (AB/MPJ-FIN) |
| F06 | 8191  | 6-6 | 1210 | Mon | Russian diplo/intel. 11166 70202 34586 03019 02639                                   | FSK 200/1000 | (AB/MPJ-FIN) |
| F06 | 6782  | 6-6 | 1220 | Mon | Russian diplo/intel. 11166 70202 34586 03019 02639                                   | FSK 200/1000 | (AB/MPJ-FIN) |
| F06 | 12135 | 7-6 | 0030 | Tue | Russian diplo/intel. 11166 60070 96324 07001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 10274 | 7-6 | 0040 | Tue | Russian diplo/intel. 11166 60070 96324 07001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 9171  | 7-6 | 0050 | Tue | Russian diplo/intel. 11166 60070 96324 07001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 11474 | 7-6 | 0700 | Tue | Russian diplo/intel. 11166 70202 13567 06020 01899 and 11166 70202 96413 06021 01559 | FSK 200/1000 | (AB)         |
| F06 | 9324  | 7-6 | 0710 | Tue | Russian diplo/intel. 11166 70202 13567 06020 01899 and 11166 70202 96413 06021 01559 | FSK 200/1000 | (AB)         |
| F06 | 7461  | 7-6 | 0720 | Tue | Russian diplo/intel. 11166 70202 13567 06020 01899 and 11166 70202 96413 06021 01559 | FSK 200/1000 | (AB)         |
| F06 | 10762 | 7-6 | 1200 | Tue | Russian diplo/intel. 11166 70202 13567 06020 01899 and 11166 70202 96413 06021 01559 | FSK 200/1000 | (AB)         |
| F06 | 8191  | 7-6 | 1210 | Tue | Russian diplo/intel. 11166 70202 13567 06020 01899 and 11166 70202 96413 06021 01559 | FSK 200/1000 | (AB)         |
| F06 | 6782  | 7-6 | 1220 | Tue | Russian diplo/intel. 11166 70202 13567 06020 01899 and 11166 70202 96413 06021 01559 | FSK 200/1000 | (AB)         |
| F06 | 19936 | 7-6 | 1650 | Tue | Russian diplo/intel 11166 10053 75319 07001 00049 00000 00000 00000 00000            | FSK 200/1000 | (AB/MPJ)     |
| F06 | 16354 | 7-6 | 1700 | Tue | Russian diplo/intel 11166 10053 75319 07001 00049 00000 00000 00000 00000            | FSK 200/1000 | (AB/MPJ)     |
| F06 | 13955 | 7-6 | 1710 | Tue | Russian diplo/intel 11166 10053 75319 07001 00049 00000 00000 00000 00000            | FSK 200/1000 | (AB/MPJ)     |
| F06 | 17512 | 8-6 | 0600 | Wed | Russian diplo/intel. 11166 40122 64387 04004 02629 and 11166 40122 74512 04005 03269 | FSK 200/1000 | (AB-J)       |
| F06 | 15930 | 8-6 | 0610 | Wed | Russian diplo/intel. 11166 40122 64387 04004 02629 and 11166 40122 74512 04005 03269 | FSK 200/1000 | (AB-J)       |
| F06 | 13503 | 8-6 | 0620 | Wed | Russian diplo/intel. 11166 40122 64387 04004 02629 and 11166 40122 74512 04005 03269 | FSK 200/1000 | (AB-J)       |

|     |       |      |      |     |                                                                                      |              |          |
|-----|-------|------|------|-----|--------------------------------------------------------------------------------------|--------------|----------|
| F06 | 11474 | 8-6  | 0700 | Wed | Russian diplo/intel. 11166 70202 19346 07022 02439                                   | FSK 200/1000 | (AB)     |
| F06 | 9324  | 8-6  | 0710 | Wed | Russian diplo/intel. 11166 70202 19346 07022 02439                                   | FSK 200/1000 | (AB)     |
| F06 | 7461  | 8-6  | 0720 | Wed | Russian diplo/intel. 11166 70202 19346 07022 02439                                   | FSK 200/1000 | (AB)     |
| F06 | 10762 | 8-6  | 1200 | Wed | Russian diplo/intel. 11166 70202 19346 07022 02439                                   | FSK 200/1000 | (AB)     |
| F06 | 8191  | 8-6  | 1210 | Wed | Russian diplo/intel. 11166 70202 19346 07022 02439                                   | FSK 200/1000 | (AB)     |
| F06 | 6782  | 8-6  | 1220 | Wed | Russian diplo/intel. 11166 70202 19346 07022 02439                                   | FSK 200/1000 | (AB)     |
| F06 | 17512 | 9-6  | 0600 | Thu | Russian diplo/intel. 11166 40122 64387 04004 02629 and 11166 40122 74512 04005 03269 | FSK 200/1000 | (AB-J)   |
| F06 | 15930 | 9-6  | 0610 | Thu | Russian diplo/intel. 11166 40122 64387 04004 02629 and 11166 40122 74512 04005 03269 | FSK 200/1000 | (AB-J)   |
| F06 | 13503 | 9-6  | 0620 | Thu | Russian diplo/intel. 11166 40122 64387 04004 02629 and 11166 40122 74512 04005 03269 | FSK 200/1000 | (AB-J)   |
| F06 | 11474 | 9-6  | 0700 | Thu | Russian diplo/intel. 11166 70202 43267 08023 01579 and 11166 70202 96823 08024 01739 | FSK 200/1000 | (AB)     |
| F06 | 9324  | 9-6  | 0710 | Thu | Russian diplo/intel. 11166 70202 43267 08023 01579 and 11166 70202 96823 08024 01739 | FSK 200/1000 | (AB)     |
| F06 | 7461  | 9-6  | 0720 | Thu | Russian diplo/intel. 11166 70202 43267 08023 01579 and 11166 70202 96823 08024 01739 | FSK 200/1000 | (AB)     |
| F06 | 10762 | 9-6  | 1200 | Thu | Russian diplo/intel. 11166 70202 43267 08023 01579 and 11166 70202 96823 08024 01739 | FSK 200/1000 | (AB)     |
| F06 | 8191  | 9-6  | 1210 | Thu | Russian diplo/intel. 11166 70202 43267 08023 01579 and 11166 70202 96823 08024 01739 | FSK 200/1000 | (AB)     |
| F06 | 6782  | 9-6  | 1220 | Thu | Russian diplo/intel. 11166 70202 43267 08023 01579 and 11166 70202 96823 08024 01739 | FSK 200/1000 | (AB)     |
| F06 | 11474 | 10-6 | 0700 | Fri | Russian diplo/intel. 11166 70202 25479 10041 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 9324  | 10-6 | 0710 | Fri | Russian diplo/intel. 11166 70202 25479 10041 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 7461  | 10-6 | 0720 | Fri | Russian diplo/intel. 11166 70202 25479 10041 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 19838 | 12-6 | 1530 | Sun | Russian diplo/intel. 11166 10053 54879 12075 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB/MPJ) |
| F06 | 16238 | 12-6 | 1540 | Sun | Russian diplo/intel. 11166 10053 54879 12075 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB/MPJ) |
| F06 | 13546 | 12-6 | 1550 | Sun | Russian diplo/intel. 11166 10053 54879 12075 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB/MPJ) |
| F06 | 11474 | 13-6 | 0700 | Mon | Russian diplo/intel. 11166 70202 94618 10025 02399                                   | FSK 200/1000 | (AB)     |
| F06 | 9324  | 13-6 | 0710 | Mon | Russian diplo/intel. 11166 70202 94618 10025 02399                                   | FSK 200/1000 | (AB)     |
| F06 | 7461  | 13-6 | 0720 | Mon | Russian diplo/intel. 11166 70202 94618 10025 02399                                   | FSK 200/1000 | (AB)     |
| F06 | 10762 | 13-6 | 1200 | Mon | Russian diplo/intel. 11166 70202 94618 10025 02399                                   | FSK 200/1000 | (AB)     |
| F06 | 8191  | 13-6 | 1210 | Mon | Russian diplo/intel. 11166 70202 94618 10025 02399                                   | FSK 200/1000 | (AB)     |
| F06 | 6782  | 13-6 | 1220 | Mon | Russian diplo/intel. 11166 70202 94618 10025 02399                                   | FSK 200/1000 | (AB)     |
| F06 | 12135 | 14-6 | 0030 | Tue | Russian diplo/intel. 11166 60070 75319 14001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 10274 | 14-6 | 0040 | Tue | Russian diplo/intel. 11166 60070 75319 14001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 9171  | 14-6 | 0050 | Tue | Russian diplo/intel. 11166 60070 75319 14001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 11474 | 14-6 | 0700 | Tue | Russian diplo/intel. 11166 70202 18954 10026 01759 and 11166 70202 89461 10027 01639 | FSK 200/1000 | (AB)     |
| F06 | 9324  | 14-6 | 0710 | Tue | Russian diplo/intel. 11166 70202 18954 10026 01759 and 11166 70202 89461 10027 01639 | FSK 200/1000 | (AB)     |
| F06 | 7461  | 14-6 | 0720 | Tue | Russian diplo/intel. 11166 70202 18954 10026 01759 and 11166 70202 89461 10027 01639 | FSK 200/1000 | (AB)     |
| F06 | 10762 | 14-6 | 1200 | Tue | Russian diplo/intel. 11166 70202 18954 10026 01759 and 11166 70202 89461 10027 01639 | FSK 200/1000 | (AB)     |
| F06 | 8191  | 14-6 | 1210 | Tue | Russian diplo/intel. 11166 70202 18954 10026 01759 and 11166 70202 89461 10027 01639 | FSK 200/1000 | (AB)     |
| F06 | 6782  | 14-6 | 1220 | Tue | Russian diplo/intel. 11166 70202 18954 10026 01759 and 11166 70202 89461 10027 01639 | FSK 200/1000 | (AB)     |
| F06 | 19936 | 14-6 | 1650 | Tue | Russian diplo/intel. 11166 10053 45128 14001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB/MPJ) |
| F06 | 16354 | 14-6 | 1700 | Tue | Russian diplo/intel. 11166 10053 45128 14001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB/MPJ) |
| F06 | 13955 | 14-6 | 1710 | Tue | Russian diplo/intel. 11166 10053 45128 14001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB/MPJ) |
| F06 | 17512 | 15-6 | 0600 | Wed | Russian diplo/intel. 11166 40122 25874 15069 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB-J)   |
| F06 | 15930 | 15-6 | 0610 | Wed | Russian diplo/intel. 11166 40122 25874 15069 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB-J)   |
| F06 | 13503 | 15-6 | 0620 | Wed | Russian diplo/intel. 11166 40122 25874 15069 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB-J)   |



|     |       |      |      |     |                                                                                      |              |          |
|-----|-------|------|------|-----|--------------------------------------------------------------------------------------|--------------|----------|
| F06 | 11474 | 15-6 | 0700 | Wed | Russian diplo/intel. 11166 70202 54761 14028 02879                                   | FSK 200/1000 | (AB)     |
| F06 | 9324  | 15-6 | 0710 | Wed | Russian diplo/intel. 11166 70202 54761 14028 02879                                   | FSK 200/1000 | (AB)     |
| F06 | 7461  | 15-6 | 0720 | Wed | Russian diplo/intel. 11166 70202 54761 14028 02879                                   | FSK 200/1000 | (AB)     |
| F06 | 10762 | 15-6 | 1200 | Wed | Russian diplo/intel. 11166 70202 54761 14028 02879                                   | FSK 200/1000 | (AB)     |
| F06 | 8191  | 15-6 | 1210 | Wed | Russian diplo/intel. 11166 70202 54761 14028 02879                                   | FSK 200/1000 | (AB)     |
| F06 | 6782  | 15-6 | 1220 | Wed | Russian diplo/intel. 11166 70202 54761 14028 02879                                   | FSK 200/1000 | (AB)     |
| F06 | 11474 | 16-6 | 0700 | Thu | Russian diplo/intel. 11166 70202 23574 15029 01779 and 11166 70202 12368 15030 01679 | FSK 200/1000 | (AB)     |
| F06 | 9324  | 16-6 | 0710 | Thu | Russian diplo/intel. 11166 70202 23574 15029 01779 and 11166 70202 12368 15030 01679 | FSK 200/1000 | (AB)     |
| F06 | 7461  | 16-6 | 0720 | Thu | Russian diplo/intel. 11166 70202 23574 15029 01779 and 11166 70202 12368 15030 01679 | FSK 200/1000 | (AB)     |
| F06 | 13396 | 16-6 | 1110 | Thu | Russian diplo/intel. 11100 00000 64872 15017 03639                                   | FSK 200/1000 | (AB)     |
| F06 | 10762 | 16-6 | 1200 | Thu | Russian diplo/intel. 11166 70202 23574 15029 01779 and 11166 70202 12368 15030 01679 | FSK 200/1000 | (AB/MPJ) |
| F06 | 8191  | 16-6 | 1210 | Thu | Russian diplo/intel. 11166 70202 23574 15029 01779 and 11166 70202 12368 15030 01679 | FSK 200/1000 | (AB/MPJ) |
| F06 | 6782  | 16-6 | 1220 | Thu | Russian diplo/intel. 11166 70202 23574 15029 01779 and 11166 70202 12368 15030 01679 | FSK 200/1000 | (AB/MPJ) |
| F06 | 11474 | 17-6 | 0700 | Fri | Russian diplo/intel. 11166 70202 18932 17047 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 9324  | 17-6 | 0710 | Fri | Russian diplo/intel. 11166 70202 18932 17047 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 7461  | 17-6 | 0720 | Fri | Russian diplo/intel. 11166 70202 18932 17047 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 19838 | 19-6 | 1530 | Sun | Russian diplo/intel. 11166 10053 75319 19001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 16238 | 19-6 | 1540 | Sun | Russian diplo/intel. 11166 10053 75319 19001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 13546 | 19-6 | 1550 | Sun | Russian diplo/intel. 11166 10053 75319 19001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 12194 | 20-6 | 0400 | Mon | Russian diplo/intel. 11166 70059 75319 20001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 10943 | 20-6 | 0410 | Mon | Russian diplo/intel. 11166 70059 75319 20001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 8116  | 20-6 | 0420 | Mon | Russian diplo/intel. 11166 70059 75319 20001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 11474 | 20-6 | 0700 | Mon | Russian diplo/intel. 11166 70202 94571 17031 02599                                   | FSK 200/1000 | (AB)     |
| F06 | 9324  | 20-6 | 0710 | Mon | Russian diplo/intel. 11166 70202 94571 17031 02599                                   | FSK 200/1000 | (AB)     |
| F06 | 7461  | 20-6 | 0720 | Mon | Russian diplo/intel. 11166 70202 94571 17031 02599                                   | FSK 200/1000 | (AB)     |
| F06 | 10762 | 20-6 | 1200 | Mon | Russian diplo/intel. 11166 70202 94571 17031 02599                                   | FSK 200/1000 | (AB)     |
| F06 | 8191  | 20-6 | 1210 | Mon | Russian diplo/intel. 11166 70202 94571 17031 02599                                   | FSK 200/1000 | (AB)     |
| F06 | 6782  | 20-6 | 1220 | Mon | Russian diplo/intel. 11166 70202 94571 17031 02599                                   | FSK 200/1000 | (AB)     |
| F06 | 12135 | 21-6 | 0030 | Tue | Russian diplo/intel. 11166 60070 45123 21001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 10274 | 21-6 | 0040 | Tue | Russian diplo/intel. 11166 60070 45123 21001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 9171  | 21-6 | 0050 | Tue | Russian diplo/intel. 11166 60070 45123 21001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 11474 | 21-6 | 0700 | Tue | Russian diplo/intel. 11166 70202 53241 20032 01859 and 11166 70202 45273 20033 01839 | FSK 200/1000 | (AB)     |
| F06 | 9324  | 21-6 | 0710 | Tue | Russian diplo/intel. 11166 70202 53241 20032 01859 and 11166 70202 45273 20033 01839 | FSK 200/1000 | (AB)     |
| F06 | 7461  | 21-6 | 0720 | Tue | Russian diplo/intel. 11166 70202 53241 20032 01859 and 11166 70202 45273 20033 01839 | FSK 200/1000 | (AB)     |
| F06 | 10762 | 21-6 | 1200 | Tue | Russian diplo/intel. 11166 70202 53241 20032 01859 and 11166 70202 45273 20033 01839 | FSK 200/1000 | (AB)     |
| F06 | 8191  | 21-6 | 1210 | Tue | Russian diplo/intel. 11166 70202 53241 20032 01859 and 11166 70202 45273 20033 01839 | FSK 200/1000 | (AB)     |
| F06 | 6782  | 21-6 | 1220 | Tue | Russian diplo/intel. 11166 70202 53241 20032 01859 and 11166 70202 45273 20033 01839 | FSK 200/1000 | (AB)     |
| F06 | 19936 | 21-6 | 1650 | Tue | Russian diplo/intel. 11166 10053 86254 21001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 16354 | 21-6 | 1700 | Tue | Russian diplo/intel. 11166 10053 86254 21001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 13955 | 21-6 | 1710 | Tue | Russian diplo/intel. 11166 10053 86254 21001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)     |
| F06 | 17512 | 22-6 | 0600 | Wed | Russian diplo/intel. 11166 40122 21975 18006 03159                                   | FSK 200/1000 | (AB-J)   |
| F06 | 15930 | 22-6 | 0610 | Wed | Russian diplo/intel. 11166 40122 21975 18006 03159                                   | FSK 200/1000 | (AB-J)   |

|     |       |      |      |     |                                                                                      |              |              |
|-----|-------|------|------|-----|--------------------------------------------------------------------------------------|--------------|--------------|
| F06 | 13503 | 22-6 | 0620 | Wed | Russian diplo/intel. 11166 40122 21975 18006 03159                                   | FSK 200/1000 | (AB-J)       |
| F06 | 11474 | 22-6 | 0700 | Wed | Russian diplo/intel. 11166 70202 14529 21034 02579                                   | FSK 200/1000 | (AB)         |
| F06 | 9324  | 22-6 | 0710 | Wed | Russian diplo/intel. 11166 70202 14529 21034 02579                                   | FSK 200/1000 | (AB)         |
| F06 | 7461  | 22-6 | 0720 | Wed | Russian diplo/intel. 11166 70202 14529 21034 02579                                   | FSK 200/1000 | (AB)         |
| F06 | 10762 | 22-6 | 1200 | Wed | Russian diplo/intel. 11166 70202 14529 21034 02579                                   | FSK 200/1000 | (AB)         |
| F06 | 8191  | 22-6 | 1210 | Wed | Russian diplo/intel. 11166 70202 14529 21034 02579                                   | FSK 200/1000 | (AB)         |
| F06 | 6782  | 22-6 | 1220 | Wed | Russian diplo/intel. 11166 70202 14529 21034 02579                                   | FSK 200/1000 | (AB)         |
| F06 | 17512 | 23-6 | 0600 | Thu | Russian diplo/intel. 11166 40122 21975 18006 03159                                   | FSK 200/1000 | (AB-J)       |
| F06 | 15930 | 23-6 | 0610 | Thu | Russian diplo/intel. 11166 40122 21975 18006 03159                                   | FSK 200/1000 | (AB-J)       |
| F06 | 13503 | 23-6 | 0620 | Thu | Russian diplo/intel. 11166 40122 21975 18006 03159                                   | FSK 200/1000 | (AB-J)       |
| F06 | 11474 | 23-6 | 0700 | Thu | Russian diplo/intel. 11166 70202 17943 22035 01819 and 11166 70202 93476 22036 02119 | FSK 200/1000 | (AB)         |
| F06 | 9324  | 23-6 | 0710 | Thu | Russian diplo/intel. 11166 70202 17943 22035 01819 and 11166 70202 93476 22036 02119 | FSK 200/1000 | (AB)         |
| F06 | 7461  | 23-6 | 0720 | Thu | Russian diplo/intel. 11166 70202 17943 22035 01819 and 11166 70202 93476 22036 02119 | FSK 200/1000 | (AB)         |
| F06 | 10762 | 23-6 | 1200 | Thu | Russian diplo/intel. 11166 70202 17943 22035 01819 and 11166 70202 93476 22036 02119 | FSK 200/1000 | (AB/MPJ-FIN) |
| F06 | 8191  | 23-6 | 1210 | Thu | Russian diplo/intel. 11166 70202 17943 22035 01819 and 11166 70202 93476 22036 02119 | FSK 200/1000 | (AB/MPJ-FIN) |
| F06 | 6782  | 23-6 | 1220 | Thu | Russian diplo/intel. 11166 70202 17943 22035 01819 and 11166 70202 93476 22036 02119 | FSK 200/1000 | (AB/MPJ-FIN) |
| F06 | 11474 | 24-6 | 0700 | Fri | Russian diplo/intel. 11166 70202 12345 24028 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 9324  | 24-6 | 0710 | Fri | Russian diplo/intel. 11166 70202 12345 24028 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 7461  | 24-6 | 0720 | Fri | Russian diplo/intel. 11166 70202 12345 24028 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 19838 | 26-6 | 1530 | Sun | Russian diplo/intel. 11166 10053 54123 26001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 16238 | 26-6 | 1540 | Sun | Russian diplo/intel. 11166 10053 54123 26001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 13546 | 26-6 | 1550 | Sun | Russian diplo/intel. 11166 10053 54123 26001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 11474 | 27-6 | 0700 | Mon | Russian diplo/intel. 11166 70202 96321 24037 02599                                   | FSK 200/1000 | (AB)         |
| F06 | 9324  | 27-6 | 0710 | Mon | Russian diplo/intel. 11166 70202 96321 24037 02599                                   | FSK 200/1000 | (AB)         |
| F06 | 7461  | 27-6 | 0720 | Mon | Russian diplo/intel. 11166 70202 96321 24037 02599                                   | FSK 200/1000 | (AB)         |
| F06 | 10762 | 27-6 | 1200 | Mon | Russian diplo/intel. 11166 70202 96321 24037 02599                                   | FSK 200/1000 | (AB)         |
| F06 | 8191  | 27-6 | 1210 | Mon | Russian diplo/intel. 11166 70202 96321 24037 02599                                   | FSK 200/1000 | (AB)         |
| F06 | 6782  | 27-6 | 1220 | Mon | Russian diplo/intel. 11166 70202 96321 24037 02599                                   | FSK 200/1000 | (AB)         |
| F06 | 12135 | 28-6 | 0030 | Tue | Russian diplo/intel. 11166 60070 13647 28001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 10274 | 28-6 | 0040 | Tue | Russian diplo/intel. 11166 60070 13647 28001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 9171  | 28-6 | 0050 | Tue | Russian diplo/intel. 11166 60070 13647 28001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB)         |
| F06 | 11474 | 28-6 | 0700 | Tue | Russian diplo/intel. 11166 70202 79461 27038 01679 and 11166 70202 16759 27039 02379 | FSK 200/1000 | (AB)         |
| F06 | 9324  | 28-6 | 0710 | Tue | Russian diplo/intel. 11166 70202 79461 27038 01679 and 11166 70202 16759 27039 02379 | FSK 200/1000 | (AB)         |
| F06 | 7461  | 28-6 | 0720 | Tue | Russian diplo/intel. 11166 70202 79461 27038 01679 and 11166 70202 16759 27039 02379 | FSK 200/1000 | (AB)         |
| F06 | 10762 | 28-6 | 1200 | Tue | Russian diplo/intel. 11166 70202 79461 27038 01679 and 11166 70202 16759 27039 02379 | FSK 200/1000 | (AB)         |
| F06 | 8191  | 28-6 | 1210 | Tue | Russian diplo/intel. 11166 70202 79461 27038 01679 and 11166 70202 16759 27039 02379 | FSK 200/1000 | (AB)         |
| F06 | 6782  | 28-6 | 1220 | Tue | Russian diplo/intel. 11166 70202 79461 27038 01679 and 11166 70202 16759 27039 02379 | FSK 200/1000 | (AB)         |
| F06 | 19936 | 28-6 | 1650 | Tue | Russian diplo/intel. 11166 10053 75319 28001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB/MPJ)     |
| F06 | 16354 | 28-6 | 1700 | Tue | Russian diplo/intel. 11166 10053 75319 28001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB/MPJ)     |
| F06 | 13955 | 28-6 | 1710 | Tue | Russian diplo/intel. 11166 10053 75319 28001 00049 00000 00000 00000 00000           | FSK 200/1000 | (AB/MPJ)     |
| F06 | 17512 | 29-6 | 0600 | Wed | Russian diplo/intel. 11166 40122 52784 25007 02529 and 11166 40122 15362 25008 02279 | FSK 200/1000 | (AB-J)       |
| F06 | 15930 | 29-6 | 0610 | Wed | Russian diplo/intel. 11166 40122 52784 25007 02529 and 11166 40122 15362 25008 02279 | FSK 200/1000 | (AB-J)       |

|             |       |      |      |     |                                                                                      |              |          |
|-------------|-------|------|------|-----|--------------------------------------------------------------------------------------|--------------|----------|
| <b>F06</b>  | 13503 | 29-6 | 0620 | Wed | Russian diplo/intel. 11166 40122 52784 25007 02529 and 11166 40122 15362 25008 02279 | FSK 200/1000 | (AB-J)   |
| <b>F06</b>  | 11474 | 29-6 | 0700 | Wed | Russian diplo/intel. 11166 70202 64825 28040 02079                                   | FSK 200/1000 | (AB)     |
| <b>F06</b>  | 9324  | 29-6 | 0710 | Wed | Russian diplo/intel. 11166 70202 64825 28040 02079                                   | FSK 200/1000 | (AB)     |
| <b>F06</b>  | 7461  | 29-6 | 0720 | Wed | Russian diplo/intel. 11166 70202 64825 28040 02079                                   | FSK 200/1000 | (AB)     |
| <b>F06</b>  | 10762 | 29-6 | 1200 | Wed | Russian diplo/intel. 11166 70202 64825 28040 02079                                   | FSK 200/1000 | (AB/MPJ) |
| <b>F06</b>  | 8191  | 29-6 | 1210 | Wed | Russian diplo/intel. 11166 70202 64825 28040 02079                                   | FSK 200/1000 | (AB/MPJ) |
| <b>F06</b>  | 6782  | 29-6 | 1220 | Wed | Russian diplo/intel. 11166 70202 64825 28040 02079                                   | FSK 200/1000 | (AB/MPJ) |
| <b>F06</b>  | 17512 | 30-6 | 0600 | Thu | Russian diplo/intel. 11166 40122 52784 25007 02529 and 11166 40122 15362 25008 02279 | FSK 200/1000 | (AB-J)   |
| <b>F06</b>  | 15930 | 30-6 | 0610 | Thu | Russian diplo/intel. 11166 40122 52784 25007 02529 and 11166 40122 15362 25008 02279 | FSK 200/1000 | (AB-J)   |
| <b>F06</b>  | 13503 | 30-6 | 0620 | Thu | Russian diplo/intel. 11166 40122 52784 25007 02529 and 11166 40122 15362 25008 02279 | FSK 200/1000 | (AB-J)   |
| <b>F06</b>  | 11474 | 30-6 | 0700 | Thu | Russian diplo/intel. 11166 70202 54291 29041 01999 and 11166 70202 89541 29042 02099 | FSK 200/1000 | (AB)     |
| <b>F06</b>  | 9324  | 30-6 | 0710 | Thu | Russian diplo/intel. 11166 70202 54291 29041 01999 and 11166 70202 89541 29042 02099 | FSK 200/1000 | (AB)     |
| <b>F06</b>  | 7461  | 30-6 | 0720 | Thu | Russian diplo/intel. 11166 70202 54291 29041 01999 and 11166 70202 89541 29042 02099 | FSK 200/1000 | (AB)     |
| <b>F06</b>  | 10762 | 30-6 | 1200 | Thu | Russian diplo/intel. 11166 70202 54291 29041 01999 and 11166 70202 89541 29042 02099 | FSK 200/1000 | (AB/MPJ) |
| <b>F06</b>  | 8191  | 30-6 | 1210 | Thu | Russian diplo/intel. 11166 70202 54291 29041 01999 and 11166 70202 89541 29042 02099 | FSK 200/1000 | (AB/MPJ) |
| <b>F06</b>  | 6782  | 30-6 | 1220 | Thu | Russian diplo/intel. 11166 70202 54291 29041 01999 and 11166 70202 89541 29042 02099 | FSK 200/1000 | (AB/MPJ) |
| <b>F06a</b> | 7476  | 2-6  | 0400 | Thu | Russian diplo/intel File 04430                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 6855  | 2-6  | 0415 | Thu | Russian diplo/intel File 04430                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 5249  | 2-6  | 0430 | Thu | Russian diplo/intel File 04430                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 7476  | 3-6  | 0400 | Fri | Russian diplo/intel File 04430                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 6855  | 3-6  | 0415 | Fri | Russian diplo/intel File 04430                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 5249  | 3-6  | 0430 | Fri | Russian diplo/intel File 04430                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 20983 | 4-6  | 2100 | Sat | Russian diplo/intel. File 04424                                                      | FSK 200/1000 | (AB-RUS) |
| <b>F06a</b> | 17473 | 4-6  | 2115 | Sat | Russian diplo/intel. File 04424                                                      | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 15667 | 4-6  | 2130 | Sat | Russian diplo/intel. File 04424                                                      | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 20983 | 5-6  | 2100 | Sun | Russian diplo/intel. File 04424                                                      | FSK 200/1000 | (AB-RUS) |
| <b>F06a</b> | 17473 | 5-6  | 2115 | Sun | Russian diplo/intel. File 04424                                                      | FSK 200/1000 | (AB/RL)  |
| <b>F06a</b> | 15667 | 5-6  | 2130 | Sun | Russian diplo/intel. File 04424                                                      | FSK 200/1000 | (AB/RL)  |
| <b>F06a</b> | 7476  | 9-6  | 0400 | Thu | Russian diplo/intel File 44431                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 6855  | 9-6  | 0415 | Thu | Russian diplo/intel File 44431                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 5249  | 9-6  | 0430 | Thu | Russian diplo/intel File 44431                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 7476  | 10-6 | 0400 | Fri | Russian diplo/intel File 44431                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 6855  | 10-6 | 0415 | Fri | Russian diplo/intel File 44431                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 5249  | 10-6 | 0430 | Fri | Russian diplo/intel File 44431                                                       | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 20983 | 11-6 | 2100 | Sat | Russian diplo/intel. File 04425                                                      | FSK 200/1000 | (AB-RUS) |
| <b>F06a</b> | 17473 | 11-6 | 2115 | Sat | Russian diplo/intel. File 04425                                                      | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 15667 | 11-6 | 2130 | Sat | Russian diplo/intel. File 04425                                                      | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 20983 | 12-6 | 2100 | Sun | Russian diplo/intel. File 04425                                                      | FSK 200/1000 | (AB/RL)  |
| <b>F06a</b> | 17473 | 12-6 | 2115 | Sun | Russian diplo/intel. File 04425                                                      | FSK 200/1000 | (AB/RL)  |
| <b>F06a</b> | 15667 | 12-6 | 2130 | Sun | Russian diplo/intel. File 04425                                                      | FSK 200/1000 | (AB/RL)  |
| <b>F06a</b> | 7476  | 16-6 | 0400 | Thu | Russian diplo/intel. File 04432                                                      | FSK 200/1000 | (AB)     |
| <b>F06a</b> | 6855  | 16-6 | 0415 | Thu | Russian diplo/intel. File 04432                                                      | FSK 200/1000 | (AB)     |



|             |       |      |      |     |                                                                                                           |              |              |
|-------------|-------|------|------|-----|-----------------------------------------------------------------------------------------------------------|--------------|--------------|
| <b>F06a</b> | 5249  | 16-6 | 0430 | Thu | Russian diplo/intel. File 04432                                                                           | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 7476  | 17-6 | 0400 | Fri | Russian diplo/intel File 04432                                                                            | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 6855  | 17-6 | 0415 | Fri | Russian diplo/intel File 04432                                                                            | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 5249  | 17-6 | 0430 | Fri | Russian diplo/intel File 04432                                                                            | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 20983 | 18-6 | 2100 | Sat | Russian diplo/intel. File 04426                                                                           | FSK 200/1000 | (AB-RUS/RL)  |
| <b>F06a</b> | 17473 | 18-6 | 2115 | Sat | Russian diplo/intel. File 04426                                                                           | FSK 200/1000 | (AB/RL)      |
| <b>F06a</b> | 15667 | 18-6 | 2130 | Sat | Russian diplo/intel. File 04426                                                                           | FSK 200/1000 | (AB/RL)      |
| <b>F06a</b> | 20983 | 19-6 | 2100 | Sun | Russian diplo/intel. File 04426                                                                           | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 17473 | 19-6 | 2115 | Sun | Russian diplo/intel. File 04426                                                                           | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 15667 | 19-6 | 2130 | Sun | Russian diplo/intel. File 04426                                                                           | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 7476  | 23-6 | 0400 | Thu | Russian diplo/intel. File 44433                                                                           | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 6855  | 23-6 | 0415 | Thu | Russian diplo/intel. File 44433                                                                           | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 5249  | 23-6 | 0430 | Thu | Russian diplo/intel. File 44433                                                                           | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 7476  | 24-6 | 0400 | Fri | Russian diplo/intel File 44433                                                                            | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 6855  | 24-6 | 0415 | Fri | Russian diplo/intel File 44433                                                                            | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 5249  | 24-6 | 0430 | Fri | Russian diplo/intel File 44443                                                                            | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 12214 | 25-6 | 0600 | Sat | Russian diplo/intel. File 04406                                                                           | FSK 200/1000 | (linkz)      |
| <b>F06a</b> | 11153 | 25-6 | 0615 | Sat | Russian diplo/intel. File 04406                                                                           | FSK 200/1000 | (linkz)      |
| <b>F06a</b> | 10332 | 25-6 | 0620 | Sat | Russian diplo/intel. File 04406                                                                           | FSK 200/1000 | (linkz)      |
| <b>F06a</b> | 20983 | 25-6 | 2100 | Sat | Russian diplo/intel. File 44427                                                                           | FSK 200/1000 | (AB-RUS)     |
| <b>F06a</b> | 17473 | 25-6 | 2115 | Sat | Russian diplo/intel. File 44427                                                                           | FSK 200/1000 | (AB/RL)      |
| <b>F06a</b> | 15667 | 25-6 | 2130 | Sat | Russian diplo/intel. File 44427                                                                           | FSK 200/1000 | (AB/RL)      |
| <b>F06a</b> | 20983 | 26-6 | 2100 | Sun | Russian diplo/intel. File 44427                                                                           | FSK 200/1000 | (AB/RL)      |
| <b>F06a</b> | 17473 | 26-6 | 2115 | Sun | Russian diplo/intel. File 44427                                                                           | FSK 200/1000 | (AB/RL)      |
| <b>F06a</b> | 15667 | 26-6 | 2130 | Sun | Russian diplo/intel. File 44427                                                                           | FSK 200/1000 | (AB/RL)      |
| <b>F06a</b> | 7476  | 30-6 | 0400 | Thu | Russian diplo/intel. File 04434                                                                           | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 6855  | 30-6 | 0415 | Thu | Russian diplo/intel. File 04434                                                                           | FSK 200/1000 | (AB)         |
| <b>F06a</b> | 5249  | 30-6 | 0430 | Thu | Russian diplo/intel. File 04434                                                                           | FSK 200/1000 | (AB)         |
| <b>HM01</b> | 11435 | 1-6  | 1630 | Wed | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                  | AM/WinDRM    | (AB-USA/RR2) |
| <b>HM01</b> | 11435 | 2-6  | 1615 | Thu | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                  | AM/WinDRM    | (RR2)        |
| <b>HM01</b> | 11435 | 3-6  | 1553 | Fri | Radio Habana Cuba. 1555z RHC off, carrier. 1600z 04026 52666 16881 84635 31863 86536 (repeat of 24 April) | AM/WinDRM    | (AB-USA)     |
| <b>HM01</b> | 11435 | 4-6  | 1636 | Sat | i.p. 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                             | AM/WinDRM    | (AB-USA)     |
| <b>HM01</b> | 16180 | 4-6  | 2105 | Sat | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                  | AM/WinDRM    | (RR2)        |
| <b>HM01</b> | 11435 | 5-6  | 1600 | Sun | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                  | AM/WinDRM    | (RR2)        |
| <b>HM01</b> | 11435 | 5-6  | 1639 | Sun | i.p. 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                             | AM/WinDRM    | (AB-USA)     |
| <b>HM01</b> | 10715 | 5-6  | 2200 | Sun | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                  | WInDRM       | (RL)         |
| <b>HM01</b> | 11435 | 6-6  | 1600 | Mon | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                  | AM/WinDRM    | (AB-USA)     |
| <b>HM01</b> | 11530 | 6-6  | 1730 | Mon | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                  | AM/WinDRM    | (RR2)        |
| <b>HM01</b> | 11635 | 7-6  | 1835 | Tue | i.p. 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                             | AM/WinDRM    | (AB-USA)     |
| <b>HM01</b> | 16180 | 7-6  | 2108 | Tue | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                  | FSK 200/1000 | (RR2)        |
| <b>HM01</b> | 17480 | 7-6  | 2200 | Tue | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                  | FSK 200/1000 | (RL)         |

|      |       |      |      |     |                                                                                                                                  |           |              |
|------|-------|------|------|-----|----------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|
| HM01 | 11435 | 8-6  | 1620 | Wed | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                                         | AM/WinDRM | (RR2)        |
| HM01 | 10715 | 8-6  | 2200 | Wed | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                                         | AM/WinDRM | (RL)         |
| HM01 | 11435 | 9-6  | 1603 | Thu | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                                         | AM/WinDRM | (AB-USA/RR2) |
| HM01 | 11435 | 10-6 | 1608 | Fri | i.p. 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                                    | AM/WinDRM | (AB-USA)     |
| HM01 | 11435 | 10-6 | 1635 | Fri | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                                         | AM/WinDRM | (RR2)        |
| HM01 | 11530 | 11-6 | 1702 | Sat | 04026 52666 16881 84635 31863 86536 (repeat of 24 April)                                                                         | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 12-6 | 1630 | Sun | 11055 53571 51544 46323 70622 57553 Files 64111105.TXT 70205357.TXT 20325154.TXT<br>47014632.TXT 50417062.F1C 41575755.TXT       | AM/WinDRM | (AB-USA)     |
| HM01 | 11530 | 12-6 | 1659 | Sun | 11055 53571 51544 46323 70622 57553                                                                                              | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 13-6 | 1610 | Mon | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA)     |
| HM01 | 11435 | 14-6 | 1600 | Tue | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA/RR2) |
| HM01 | 17480 | 14-6 | 2200 | Tue | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RL)         |
| HM01 | 11530 | 15-6 | 1700 | Wed | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA)     |
| HM01 | 11635 | 15-6 | 1833 | Wed | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 16-6 | 1617 | Thu | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA)     |
| HM01 | 11530 | 16-6 | 1730 | Thu | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 17-6 | 1559 | Fri | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA)     |
| HM01 | 10715 | 17-6 | 2202 | Fri | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 18-6 | 1600 | Sat | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA)     |
| HM01 | 11435 | 18-6 | 1633 | Sat | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 19-6 | 1633 | Sun | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 19-6 | 1651 | Sun | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA)     |
| HM01 | 11435 | 20-6 | 1633 | Mon | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 20-6 | 1654 | Mon | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA)     |
| HM01 | 10715 | 20-6 | 2200 | Mon | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RL)         |
| HM01 | 11435 | 21-6 | 1600 | Tue | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 22-6 | 1630 | Wed | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA/RR2) |
| HM01 | 10715 | 22-6 | 2200 | Wed | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RL)         |
| HM01 | 10715 | 22-6 | 2200 | Wed | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RL)         |
| HM01 | 11435 | 23-6 | 1606 | Thu | Already in progress when the txm started 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                 | AM/WinDRM | (AB-USA)     |
| HM01 | 16180 | 23-6 | 2119 | Thu | i.p. 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                     | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 24-6 | 1604 | Fri | Already in progress when the txm started. Briefly two transmissions mix. 11055 53571 51544 46323 70622 57553 (repeat of 12 June) | AM/WinDRM | (AB-USA)     |
| HM01 | 11635 | 24-6 | 1818 | Fri | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 25-6 | 1600 | Sat | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 26-6 | 1600 | Sun | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA)     |
| HM01 | 11435 | 26-6 | 1630 | Sun | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 27-6 | 1600 | Mon | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA)     |
| HM01 | 11635 | 27-6 | 2104 | Mon | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |
| HM01 | 11435 | 28-6 | 1600 | Tue | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (AB-USA)     |
| HM01 | 11530 | 28-6 | 1700 | Tue | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                          | AM/WinDRM | (RR2)        |

|      |       |      |      |     |                                                                                                                                 |           |                  |
|------|-------|------|------|-----|---------------------------------------------------------------------------------------------------------------------------------|-----------|------------------|
| HM01 | 11435 | 29-6 | 1605 | Wed | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                         | AM/WinDRM | (AB-USA)         |
| HM01 | 11530 | 29-6 | 1737 | Wed | 11055 53571 51544 46323 70622 57553 (repeat of 12 June)                                                                         | AM/WinDRM | (RR2)            |
| HM01 | 11435 | 30-6 | 1605 | Thu | 02644 71262 10774 07441 68501 41811 Files 50360264.F1C 22067126.TXT 42571077.TXT<br>80270744.TXT 52746850.TXT 23554181.TXT      | AM/WinDRM | (AB-USA)         |
| HM01 | 11530 | 30-6 | 1701 | Thu | 02644 71262 10774 07441 68501 41811                                                                                             | AM/WinDRM | (AB-USA/RR2)     |
| M01  | 5280  | 2-6  | 1800 | Thu | 025 493 493 30 30 == 83476 65734 67322 ... 63453 65433 36252 == 493 493 30 30 000                                               | CW        | (AB-FIN/MPJ)     |
| M01  | 4903  | 2-6  | 2000 | Thu | 025 996 996 30 30 == 89743 78346 74623 ... 26531 93473 78346 == 30 30 000                                                       | CW        | (AB)             |
| M01  | 6435  | 4-6  | 1500 | Sat | 025 247 247 30 30 == 74368 51264 59487 ... 67523 64533 64572 == 247 247 30 30 000 No key<br>group in the postample              | CW        | (AB-FIN/HFD)     |
| M01  | 5280  | 7-6  | 1800 | Tue | 025 836 836 30 30 == 82367 32786 45238 ... 73562 45978 32465 == 836 836 30 30 000                                               | CW        | (AB/MPJ)         |
| M01  | 4903  | 7-6  | 2000 | Tue | 025 313 313 30 30 == 74362 32786 45238 ... 65432 34216 95487 == 313 313 30 000 Sent only 29<br>groups                           | CW        | (AB)             |
| M01  | 5280  | 9-6  | 1800 | Thu | 025 743 743 30 30 == 45732 98438 12754 ... 75780 74312 95439 == 743 743 30 30 000                                               | CW        | (AB-FIN/MPJ-HOL) |
| M01  | 4903  | 9-6  | 2000 | Thu | 025 945 945 30 30 == 93482 04934 92304 ... 82174 06943 12321 (12331) = 945 945 30 30 000                                        | CW        | (AB)             |
| M01  | 6780  | 12-6 | 0700 | Sun | 025 374 374 30 30 == 89327 63523 98734 ... 88641 37465 73465 == 374 374 30 30 000                                               | CW        | (AB-FIN)         |
| M01  | 5280  | 14-6 | 1800 | Tue | 025 715 715 30 30 == 56348 01276 05749 ... 01768 02759 18693 == 715 715 30 30 000                                               | CW        | (AB-FIN/MPJ-POL) |
| M01  | 4903  | 14-6 | 2000 | Tue | 025 465 465 30 30 == 58679 14576 90765 ... 18045 01457 01765 == 465 465 30 30 000                                               | CW        | (AB)             |
| M01  | 5280  | 16-6 | 1800 | Thu | 025 808 808 30 30 == 74632 38972 65893 ... 32541 27831 93721 == 808 808 30 30 000 Many er-<br>rors.                             | CW        | (AB-FIN/MPJ-FIN) |
| M01  | 4903  | 16-6 | 2000 | Thu | 025 202 202 30 30 == 37891 03478 64910 ... 41227 52306 37466 == 202 202 30 30 000 Many er-<br>rors                              | CW        | (AB)             |
| M01  | 6435  | 18-6 | 1500 | Sat | 025 998 998 30 30 == 56578 38749 52001 ... 11322 67648 90987 == 998 998 30 30 000                                               | CW        | (AB-FIN)         |
| M01  | 6780  | 19-6 | 0700 | Sun | 025 445 445 30 30 == 56755 38744 01019 ... 46587 99809 34352 == 445 445 30 30 000                                               | CW        | (AB-FIN)         |
| M01  | 5280  | 21-6 | 1800 | Tue | 025 632 632 30 30 == 97463 01746 25678 ... 04628 52698 64218 == 632 632 30 30 000                                               | CW        | (AB-FIN/MPJ-HNG) |
| M01  | 4903  | 21-6 | 2000 | Tue | 025 (27 secs pause) 6 (26 secs pause) 94737 74936 57456 ... 14532 78345 16738 647 647 30 30 000                                 | CW        | (AB)             |
| M01  | 5280  | 23-6 | 1800 | Thu | 025 654 654 30 30 63521 15367 63715 ... 56371 53672 64784 654 654 30 30 0000 Missing sepera-<br>tors. Errors/different repeats. | CW        | (AB-FIN/MPJ)     |
| M01  | 4903  | 23-6 | 2000 | Thu | 025 231 231 30 30 == 43561 53467 65371 ... 63547 73862 27363 == 231 231 30 30 000 Many er-<br>rors and it sent only 28 groups   | CW        | (AB)             |
| M01  | 6435  | 25-6 | 1500 | Sat | i.p. 03731 91528 04719 ... (faded) 17491 47689 == 946 946 30 30 000                                                             | CW        | (MPJ)            |
| M01  | 6780  | 26-6 | 0700 | Sun | 025 285 285 30 30 == 83901 48390 18376 ... 51326 05837 39015 == 285 285 30 30 ==                                                | CW        | (AB-FIN)         |
| M01  | 4903  | 28-6 | 2000 | Tue | 025 379 379 30 30 == 83216 02865 01247 ... 02674 90814 40986 == 379 379 30 30 000                                               | CW        | (AB)             |
| M01  | 5280  | 30-6 | 1800 | Thu | 025 342 342 30 30 == 36547 99609 14325 ... 57612 71243523 19769 17 == 342 342 30 30 000                                         | CW        | (AB-FIN)         |
| M01a | 9129  | 15-6 | 0532 | Wed | 498 498 498 52566 52566 111 000                                                                                                 | CW        | (F5JBR)          |
| M12  | 14926 | 1-6  | 1600 | Wed | 944 944 944 1 812 68 812 68 42091 09931 12035 ... 14607 82195 82977 000 000                                                     | CW        | (AB/MPJ/HFD)     |
| M12  | 14426 | 1-6  | 1620 | Wed | 944 944 944 1 812 68 812 68 42091 09931 12035 ... 14607 82195 82977 000 000                                                     | CW        | (AB/MPJ/HFD)     |
| M12  | 13426 | 1-6  | 1640 | Wed | 944 944 944 1 812 68 812 68 42091 09931 12035 ... 14607 82195 82977 000 000                                                     | CW        | (AB/MPJ/HFD)     |
| M12  | 15823 | 1-6  | 1900 | Wed | 889 889 889 000                                                                                                                 | CW        | (AB)             |
| M12  | 14823 | 1-6  | 1920 | Wed | 889 889 889 000                                                                                                                 | CW        | (AB)             |
| M12  | 10223 | 1-6  | 2210 | Wed | 239 239 239 1 401 24 401 24 66299 58622 34884 ... 89548 81085 51509 000 000                                                     | CW        | (AB/HFD)         |
| M12  | 9323  | 1-6  | 2230 | Wed | 239 239 239 1 401 24 401 24 66299 58622 34884 ... 89548 81085 51509 000 000                                                     | CW        | (AB/HFD)         |
| M12  | 8023  | 1-6  | 2250 | Wed | 239 239 239 1 401 24 401 24 66299 58622 34884 ... 89548 81085 51509 000 000                                                     | CW        | (AB/HFD)         |

|     |       |     |      |     |                                                                               |    |              |
|-----|-------|-----|------|-----|-------------------------------------------------------------------------------|----|--------------|
| M12 | 14581 | 2-6 | 0700 | Thu | 541 541 541 1 115 182 115 182 36085 65747 93271 ... 89805 57595 62037 000 000 | CW | (AB-J)       |
| M12 | 13481 | 2-6 | 0720 | Thu | 541 541 541 1 115 182 115 182 36085 65747 93271 ... 89805 57595 62037 000 000 | CW | (AB-J)       |
| M12 | 12181 | 2-6 | 0740 | Thu | 541 541 541 1 115 182 115 182 36085 65747 93271 ... 89805 57595 62037 000 000 | CW | (AB-J)       |
| M12 | 13386 | 2-6 | 1110 | Thu | 725 725 725 1 5513 91 5513 91 89753 31112 66693 ... 58324 59190 81332 000 000 | CW | (AB)         |
| M12 | 12189 | 2-6 | 1130 | Thu | 725 725 725 1 5513 91 5513 91 89753 31112 66693 ... 58324 59190 81332 000 000 | CW | (AB)         |
| M12 | 11491 | 2-6 | 1150 | Thu | 725 725 725 1 5513 91 5513 91 89753 31112 66693 ... 58324 59190 81332 000 000 | CW | (AB)         |
| M12 | 13892 | 2-6 | 2000 | Thu | 119 119 119 000                                                               | CW | (AB/RL/HFD)  |
| M12 | 13392 | 2-6 | 2020 | Thu | 119 119 119 000                                                               | CW | (AB/RL/HFD)  |
| M12 | 13392 | 2-6 | 2020 | Thu | 119:0                                                                         | CW | (HFD)        |
| M12 | 14493 | 2-6 | 2110 | Thu | 431 431 431 1 ...                                                             | CW | (HFD)        |
| M12 | 14493 | 2-6 | 2110 | Thu | 431 431 431 1 423 47 423 47 91059 04445 04979 ... 36790 44825 54479 000 000   | CW | (AB/RL)      |
| M12 | 13393 | 2-6 | 2130 | Thu | 431 431 431 1 423 47 423 47 91059 04445 04979 ... 36790 44825 54479 000 000   | CW | (AB/RL)      |
| M12 | 13393 | 2-6 | 2130 | Thu | 431 431 431 1 ...                                                             | CW | (HFD)        |
| M12 | 12193 | 2-6 | 2150 | Thu | 431 431 431 1 423 47 423 47 91059 04445 04979 ... 36790 44825 54479 000 000   | CW | (AB/RL)      |
| M12 | 12193 | 2-6 | 2150 | Thu | 431 431 431 1 ...                                                             | CW | (HFD)        |
| M12 | 7857  | 3-6 | 0030 | Fri | 814 814 814 1 3236 61 3236 61 32586 52687 04393 ... 78813 04872 89654 000 000 | CW | (AB/HFD)     |
| M12 | 9157  | 3-6 | 0050 | Fri | 814 814 814 1 3236 61 3236 61 32586 52687 04393 ... 78813 04872 89654 000 000 | CW | (AB/HFD)     |
| M12 | 10457 | 3-6 | 0110 | Fri | 814 814 814 1 3236 61 3236 61 32586 52687 04393 ... 78813 04872 89654 000 000 | CW | (AB/HFD)     |
| M12 | 15823 | 3-6 | 1900 | Fri | 889 889 889 000                                                               | CW | (AB/HFD)     |
| M12 | 14823 | 3-6 | 1920 | Fri | 889 889 889 000                                                               | CW | (AB/HFD)     |
| M12 | 11144 | 3-6 | 2100 | Fri | 153 153 153 1 281 154 281 154 03780 23395 07646 ... 65316 44126 76574 000 000 | CW | (AB/RL/HFD)  |
| M12 | 10544 | 3-6 | 2120 | Fri | 153 153 153 1 281 154 281 154 03780 23395 07646 ... 65316 44126 76574 000 000 | CW | (AB/RL/HFD)  |
| M12 | 9344  | 3-6 | 2140 | Fri | 153 153 153 1 281 154 281 154 03780 23395 07646 ... 65316 44126 76574 000 000 | CW | (AB/HFD)     |
| M12 | 11435 | 4-6 | 1800 | Sat | 938 938 938 1 4094 71 4094 71 83023 76694 68291 ... 68348 37196 82479 000 000 | CW | (AB)         |
| M12 | 10598 | 4-6 | 1820 | Sat | 938 938 938 1 4094 71 4094 71 83023 76694 68291 ... 68348 37196 82479 000 000 | CW | (AB)         |
| M12 | 9327  | 4-6 | 1840 | Sat | 938 938 938 1 4094 71 4094 71 83023 76694 68291 ... 68348 37196 82479 000 000 | CW | (AB)         |
| M12 | 11144 | 4-6 | 2100 | Sat | 153 153 153 1 281 154 281 154 03780 23395 07646 ... 65316 44126 76574 000 000 | CW | (AB)         |
| M12 | 10544 | 4-6 | 2120 | Sat | 153 153 153 1 281 154 281 154 03780 23395 07646 ... 65316 44126 76574 000 000 | CW | (AB)         |
| M12 | 9344  | 4-6 | 2140 | Sat | 153 153 153 1 281 154 281 154 03780 23395 07646 ... 65316 44126 76574 000 000 | CW | (AB)         |
| M12 | 10223 | 4-6 | 2210 | Sat | 239 239 239 1 401 24 401 24 66299 58623 34884 ... 89548 81085 51509 000 000   | CW | (AB/RL)      |
| M12 | 9323  | 4-6 | 2230 | Sat | 239 239 239 1 401 24 401 24 66299 58623 34884 ... 89548 81085 51509 000 000   | CW | (AB/RL)      |
| M12 | 8023  | 4-6 | 2250 | Sat | 239 239 239 1 401 24 401 24 66299 58623 34884 ... 89548 81085 51509 000 000   | CW | (AB/RL)      |
| M12 | 14926 | 5-6 | 1600 | Sun | 944 944 944 1 812 68 812 68 42091 09931 12035 ... 14607 82195 82977 000 000   | CW | (AB/MPJ)     |
| M12 | 14426 | 5-6 | 1620 | Sun | 944 944 944 1 812 68 812 68 42091 09931 12035 ... 14607 82195 82977 000 000   | CW | (AB/MPJ)     |
| M12 | 13426 | 5-6 | 1640 | Sun | 944 944 944 1 812 68 812 68 42091 09931 12035 ... 14607 82195 82977 000 000   | CW | (AB/MPJ)     |
| M12 | 15918 | 6-6 | 0210 | Mon | 989 989 989 1 ...                                                             | CW | (HFD-J)      |
| M12 | 14818 | 6-6 | 0231 | Mon | 989 989 989 1 ...                                                             | CW | (HFD-J)      |
| M12 | 13918 | 6-6 | 0251 | Mon | 989 989 989 1 ...                                                             | CW | (HFD-J)      |
| M12 | 12205 | 6-6 | 1230 | Mon | 973 973 973 1 843 60 843 60 05105 11509 21416 ... 61128 32048 89263 000 000   | CW | (AB/MPJ)     |
| M12 | 13559 | 6-6 | 1250 | Mon | 973 973 973 1 843 60 843 60 05105 11509 21416 ... 61128 32048 89263 000 000   | CW | (AB/MPJ)     |
| M12 | 14728 | 6-6 | 1310 | Mon | 973 973 973 1 843 60 843 60 05105 11509 21416 ... 61128 32048 89263 000 000   | CW | (AB/MPJ)     |
| M12 | 17427 | 6-6 | 1600 | Mon | 436 436 436 000                                                               | CW | (AB/MPJ/HFD) |

|     |       |      |      |     |                                                                               |    |              |
|-----|-------|------|------|-----|-------------------------------------------------------------------------------|----|--------------|
| M12 | 16327 | 6-6  | 1620 | Mon | 436 436 436 000                                                               | CW | (AB/MPJ/HFD) |
| M12 | 13892 | 6-6  | 2000 | Mon | 119 119 119 809 94 809 94 47694 79907 86434 ... 53220 86604 94803 000 000     | CW | (AB)         |
| M12 | 13392 | 6-6  | 2020 | Mon | 119 119 119 809 94 809 94 47694 79907 86434 ... 53220 86604 94803 000 000     | CW | (AB/RL)      |
| M12 | 11592 | 6-6  | 2040 | Mon | 119 119 119 809 94 809 94 47694 79907 86434 ... 53220 86604 94803 000 000     | CW | (AB/RL)      |
| M12 | 14493 | 6-6  | 2110 | Mon | 431 431 431 000                                                               | CW | (AB/RL)      |
| M12 | 13393 | 6-6  | 2130 | Mon | 431 431 431 000                                                               | CW | (AB/RL)      |
| M12 | 7857  | 7-6  | 0030 | Tue | 814 814 814 000                                                               | CW | (AB)         |
| M12 | 9157  | 7-6  | 0050 | Tue | 814 814 814 000                                                               | CW | (AB)         |
| M12 | 14581 | 7-6  | 0700 | Tue | 541 541 541 1 471 84 471 84 47235 84000 90885 ... 53896 44545 24168 000 000   | CW | (AB-J/HFD-J) |
| M12 | 13481 | 7-6  | 0720 | Tue | 541 541 541 1 471 84 471 84 47235 84000 90885 ... 53896 44545 24168 000 000   | CW | (AB-J/HFD-J) |
| M12 | 12181 | 7-6  | 0740 | Tue | 541 541 541 1 471 84 471 84 47235 84000 90885 ... 53896 44545 24168 000 000   | CW | (AB-J/HFD-J) |
| M12 | 13531 | 7-6  | 0800 | Tue | 595 595 595 000                                                               | CW | (AB)         |
| M12 | 13931 | 7-6  | 0820 | Tue | 595 595 595 000                                                               | CW | (AB)         |
| M12 | 14926 | 8-6  | 1600 | Wed | 944 944 944 000                                                               | CW | (AB)         |
| M12 | 14426 | 8-6  | 1620 | Wed | 944 944 944 000                                                               | CW | (AB)         |
| M12 | 15823 | 8-6  | 1900 | Wed | 889 889 889 1 515 51 515 51 44040 32634 81984 ... 81075 00347 95193 000 000   | CW | (AB)         |
| M12 | 14823 | 8-6  | 1920 | Wed | 889 889 889 1 515 51 515 51 44040 32634 81984 ... 81075 00347 95193 000 000   | CW | (AB)         |
| M12 | 13923 | 8-6  | 1940 | Wed | 889 889 889 1 515 51 515 51 44040 32634 81984 ... 81075 00347 95193 000 000   | CW | (AB)         |
| M12 | 10223 | 8-6  | 2210 | Wed | 239 239 239 1 401 24 401 24 66299 58623 34884 ... 89548 81085 51509 000 000   | CW | (AB/RL)      |
| M12 | 9323  | 8-6  | 2230 | Wed | 239 239 239 1 401 24 401 24 66299 58623 34884 ... 89548 81085 51509 000 000   | CW | (AB/RL)      |
| M12 | 8023  | 8-6  | 2250 | Wed | 239 239 239 1 401 24 401 24 66299 58623 34884 ... 89548 81085 51509 000 000   | CW | (AB/RL)      |
| M12 | 14581 | 9-6  | 0700 | Thu | 541 541 541 1 471 84 471 84 47235 84000 90885 ... 53896 44545 24168 000 000   | CW | (AB-J)       |
| M12 | 13481 | 9-6  | 0720 | Thu | 541 541 541 1 471 84 471 84 47235 84000 90885 ... 53896 44545 24168 000 000   | CW | (AB-J)       |
| M12 | 12181 | 9-6  | 0740 | Thu | 541 541 541 1 471 84 471 84 47235 84000 90885 ... 53896 44545 24168 000 000   | CW | (AB-J)       |
| M12 | 13386 | 9-6  | 1110 | Thu | 725 725 725 1 1801 92 1801 92 07000 82624 47010 ... 52114 81430 52309 000 000 | CW | (AB/MPJ)     |
| M12 | 12189 | 9-6  | 1130 | Thu | 725 725 725 1 1801 92 1801 92 07000 82624 47010 ... 52114 81430 52309 000 000 | CW | (AB/MPJ)     |
| M12 | 11491 | 9-6  | 1150 | Thu | 725 725 725 1 1801 92 1801 92 07000 82624 47010 ... 52114 81430 52309 000 000 | CW | (AB/MPJ)     |
| M12 | 17427 | 9-6  | 1600 | Thu | 436 436 436 000                                                               | CW | (AB)         |
| M12 | 16327 | 9-6  | 1620 | Thu | 436 436 436 000                                                               | CW | (AB)         |
| M12 | 13892 | 9-6  | 2000 | Thu | 119 119 119 809 94 809 94 47694 79907 86434 ... 53220 86604 94803 000 000     | CW | (AB/RL)      |
| M12 | 13392 | 9-6  | 2020 | Thu | 119 119 119 809 94 809 94 47694 79907 86434 ... 53220 86604 94803 000 000     | CW | (AB/RL)      |
| M12 | 11592 | 9-6  | 2040 | Thu | 119 119 119 809 94 809 94 47694 79907 86434 ... 53220 86604 94803 000 000     | CW | (AB/RL)      |
| M12 | 14493 | 9-6  | 2110 | Thu | 431 431 431 000                                                               | CW | (AB/RL)      |
| M12 | 13393 | 9-6  | 2130 | Thu | 431 431 431 000                                                               | CW | (AB/RL)      |
| M12 | 7857  | 10-6 | 0030 | Fri | 814 814 814 000                                                               | CW | (AB)         |
| M12 | 9157  | 10-6 | 0050 | Fri | 814 814 814 000                                                               | CW | (AB)         |
| M12 | 13531 | 10-6 | 0800 | Fri | 595 595 595 000                                                               | CW | (AB)         |
| M12 | 13931 | 10-6 | 0820 | Fri | 595 595 595 000                                                               | CW | (AB)         |
| M12 | 15823 | 10-6 | 1900 | Fri | 889 889 889 1 515 51 515 51 44040 32634 81984 ... 81075 00347 95193 000 000   | CW | (AB)         |
| M12 | 14823 | 10-6 | 1920 | Fri | 889 889 889 1 515 51 515 51 44040 32634 81984 ... 81075 00347 95193 000 000   | CW | (AB)         |
| M12 | 13923 | 10-6 | 1940 | Fri | 889 889 889 1 515 51 515 51 44040 32634 81984 ... 81075 00347 95193 000 000   | CW | (AB)         |
| M12 | 11144 | 10-6 | 2100 | Fri | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB)         |



|     |       |      |      |     |                                                                               |    |          |
|-----|-------|------|------|-----|-------------------------------------------------------------------------------|----|----------|
| M12 | 10544 | 10-6 | 2120 | Fri | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB)     |
| M12 | 9344  | 10-6 | 2140 | Fri | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB)     |
| M12 | 11435 | 11-6 | 1800 | Sat | 938 938 938 1 9300 77 9300 77 76495 58921 15312 ... 85490 18130 46194 000 000 | CW | (AB)     |
| M12 | 10598 | 11-6 | 1820 | Sat | 938 938 938 1 9300 77 9300 77 76495 58921 15312 ... 85490 18130 46194 000 000 | CW | (AB)     |
| M12 | 9327  | 11-6 | 1840 | Sat | 938 938 938 1 9300 77 9300 77 76495 58921 15312 ... 85490 18130 46194 000 000 | CW | (AB)     |
| M12 | 11144 | 11-6 | 2100 | Sat | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB)     |
| M12 | 10544 | 11-6 | 2120 | Sat | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB)     |
| M12 | 9344  | 11-6 | 2140 | Sat | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB)     |
| M12 | 10223 | 11-6 | 2210 | Sat | 239 239 239 1 401 24 401 24 66299 58623 34884 ... 89548 81085 51509 000 000   | CW | (AB)     |
| M12 | 9323  | 11-6 | 2230 | Sat | 239 239 239 1 401 24 401 24 66299 58623 34884 ... 89548 81085 51509 000 000   | CW | (AB)     |
| M12 | 8023  | 11-6 | 2250 | Sat | 239 239 239 1 401 24 401 24 66299 58623 34884 ... 89548 81085 51509 000 000   | CW | (AB)     |
| M12 | 14926 | 12-6 | 1600 | Sun | 944 944 944 000                                                               | CW | (AB/MPJ) |
| M12 | 14426 | 12-6 | 1620 | Sun | 944 944 944 000                                                               | CW | (AB/MPJ) |
| M12 | 12205 | 13-6 | 1230 | Mon | 973 973 973 1 5164 57 5164 57 04719 92661 14836 ... 73784 38401 14937 000 000 | CW | (AB/MPJ) |
| M12 | 13559 | 13-6 | 1250 | Mon | 973 973 973 1 5164 57 5164 57 04719 92661 14836 ... 73784 38401 14937 000 000 | CW | (AB/MPJ) |
| M12 | 14728 | 13-6 | 1310 | Mon | 973 973 973 1 5164 57 5164 57 04719 92661 14836 ... 73784 38401 14937 000 000 | CW | (AB/MPJ) |
| M12 | 17427 | 13-6 | 1600 | Mon | 436 436 436 1 759 77 759 77 19800 82821 33848 ... 25493 70522 41615 000 000   | CW | (AB/MPJ) |
| M12 | 16327 | 13-6 | 1620 | Mon | 436 436 436 1 759 77 759 77 19800 82821 33848 ... 25493 70522 41615 000 000   | CW | (AB/MPJ) |
| M12 | 14627 | 13-6 | 1640 | Mon | 436 436 436 1 759 77 759 77 19800 82821 33848 ... 25493 70522 41615 000 000   | CW | (AB/MPJ) |
| M12 | 13892 | 13-6 | 2000 | Mon | 119 119 119 000                                                               | CW | (AB/RL)  |
| M12 | 13392 | 13-6 | 2020 | Mon | 119 119 119 000                                                               | CW | (AB/RL)  |
| M12 | 14493 | 13-6 | 2110 | Mon | 431 431 431 1 3024 89 3024 89 99967 95703 74263 ... 25381 48001 00114 000 000 | CW | (AB)     |
| M12 | 13393 | 13-6 | 2130 | Mon | 431 431 431 1 3024 89 3024 89 99967 95703 74263 ... 25381 48001 00114 000 000 | CW | (AB)     |
| M12 | 12193 | 13-6 | 2150 | Mon | 431 431 431 1 3024 89 3024 89 99967 95703 74263 ... 25381 48001 00114 000 000 | CW | (AB)     |
| M12 | 7857  | 14-6 | 0030 | Tue | 814 814 814 1 650 93 650 93 50072 88089 16369 ... 72656 59667 12083 000 000   | CW | (AB)     |
| M12 | 9157  | 14-6 | 0050 | Tue | 814 814 814 1 650 93 650 93 50072 88089 16369 ... 72656 59667 12083 000 000   | CW | (AB)     |
| M12 | 10457 | 14-6 | 0110 | Tue | 814 814 814 1 650 93 650 93 50072 88089 16369 ... 72656 59667 12083 000 000   | CW | (AB)     |
| M12 | 14581 | 14-6 | 0700 | Tue | 541 541 541 1 9450 24 9450 24 14893 30525 31267 ... 06744 74437 47044 000 000 | CW | (AB-J)   |
| M12 | 13481 | 14-6 | 0720 | Tue | 541 541 541 1 9450 24 9450 24 14893 30525 31267 ... 06744 74437 47044 000 000 | CW | (AB-J)   |
| M12 | 12181 | 14-6 | 0740 | Tue | 541 541 541 1 9450 24 9450 24 14893 30525 31267 ... 06744 74437 47044 000 000 | CW | (AB-J)   |
| M12 | 13531 | 14-6 | 0800 | Tue | 595 595 595 000                                                               | CW | (AB)     |
| M12 | 13931 | 14-6 | 0820 | Tue | 595 595 595 000                                                               | CW | (AB)     |
| M12 | 14926 | 15-6 | 1600 | Wed | 944 944 944 1 472 60 472 60 33247 50855 89738 ... 30505 81177 66708 000 000   | CW | (AB)     |
| M12 | 14426 | 15-6 | 1620 | Wed | 944 944 944 1 472 60 472 60 33247 50855 89738 ... 30505 81177 66708 000 000   | CW | (AB)     |
| M12 | 13426 | 15-6 | 1640 | Wed | 944 944 944 1 472 60 472 60 33247 50855 89738 ... 30505 81177 66708 000 000   | CW | (AB)     |
| M12 | 15823 | 15-6 | 1900 | Wed | 889 889 889 000                                                               | CW | (AB/RL)  |
| M12 | 14823 | 15-6 | 1920 | Wed | 889 889 889 000                                                               | CW | (AB/RL)  |
| M12 | 10223 | 15-6 | 2210 | Wed | 239 239 239 1 8822 76 8822 76 97732 86432 27952 ... 90437 78277 38398 000 000 | CW | (AB/RL)  |
| M12 | 9323  | 15-6 | 2230 | Wed | 239 239 239 1 8822 76 8822 76 97732 86432 27952 ... 90437 78277 38398 000 000 | CW | (AB/RL)  |
| M12 | 8023  | 15-6 | 2250 | Wed | 239 239 239 1 8822 76 8822 76 97732 86432 27952 ... 90437 78277 38398 000 000 | CW | (AB/RL)  |
| M12 | 14581 | 16-6 | 0700 | Thu | 541 541 541 1 9450 24 9450 24 14893 30525 31267 ... 06744 74437 47044 000 000 | CW | (AB-J)   |
| M12 | 13481 | 16-6 | 0720 | Thu | 541 541 541 1 9450 24 9450 24 14893 30525 31267 ... 06744 74437 47044 000 000 | CW | (AB-J)   |

|     |       |      |      |     |                                                                               |    |          |
|-----|-------|------|------|-----|-------------------------------------------------------------------------------|----|----------|
| M12 | 12181 | 16-6 | 0740 | Thu | 541 541 541 1 9450 24 9450 24 14893 30525 31267 ... 06744 74437 47044 000 000 | CW | (AB-J)   |
| M12 | 13386 | 16-6 | 1110 | Thu | 725 725 725 1 2345 99 2345 99 52700 48252 38010 ... 31872 63855 08347 000 000 | CW | (AB/MPJ) |
| M12 | 12189 | 16-6 | 1130 | Thu | 725 725 725 1 2345 99 2345 99 52700 48252 38010 ... 31872 63855 08347 000 000 | CW | (AB/MPJ) |
| M12 | 11491 | 16-6 | 1150 | Thu | 725 725 725 1 2345 99 2345 99 52700 48252 38010 ... 31872 63855 08347 000 000 | CW | (AB/MPJ) |
| M12 | 17427 | 16-6 | 1600 | Thu | 436 436 436 1 759 77 759 77 19800 82821 33848 ... 25493 70522 41615 000 000   | CW | (AB/MPJ) |
| M12 | 16327 | 16-6 | 1620 | Thu | 436 436 436 1 759 77 759 77 19800 82821 33848 ... 25493 70522 41615 000 000   | CW | (AB/MPJ) |
| M12 | 14627 | 16-6 | 1640 | Thu | 436 436 436 1 759 77 759 77 19800 82821 33848 ... 25493 70522 41615 000 000   | CW | (AB/MPJ) |
| M12 | 13892 | 16-6 | 2000 | Thu | 119 119 119 000                                                               | CW | (AB/RL)  |
| M12 | 13392 | 16-6 | 2020 | Thu | 119 119 119 000                                                               | CW | (AB/RL)  |
| M12 | 14493 | 16-6 | 2110 | Thu | 431 431 431 1 3024 89 3024 89 99967 95703 74263 ... 25381 48001 00114 000 000 | CW | (AB)     |
| M12 | 13393 | 16-6 | 2130 | Thu | 431 431 431 1 3024 89 3024 89 99967 95703 74263 ... 25381 48001 00114 000 000 | CW | (AB)     |
| M12 | 12193 | 16-6 | 2150 | Thu | 431 431 431 1 3024 89 3024 89 99967 95703 74263 ... 25381 48001 00114 000 000 | CW | (AB)     |
| M12 | 7857  | 17-6 | 0030 | Fri | 814 814 814 1 650 93 650 93 50072 88089 16369 ... 72656 59667 12083 000 000   | CW | (AB)     |
| M12 | 9157  | 17-6 | 0050 | Fri | 814 814 814 1 650 93 650 93 50072 88089 16369 ... 72656 59667 12083 000 000   | CW | (AB)     |
| M12 | 10457 | 17-6 | 0110 | Fri | 814 814 814 1 650 93 650 93 50072 88089 16369 ... 72656 59667 12083 000 000   | CW | (AB)     |
| M12 | 13531 | 17-6 | 0800 | Fri | 595 595 595 000                                                               | CW | (AB)     |
| M12 | 13931 | 17-6 | 0820 | Fri | 595 595 595 000                                                               | CW | (AB)     |
| M12 | 15823 | 17-6 | 1900 | Fri | 889 889 889 000                                                               | CW | (AB/RL)  |
| M12 | 14823 | 17-6 | 1920 | Fri | 889 889 889 000                                                               | CW | (AB/RL)  |
| M12 | 11144 | 17-6 | 2100 | Fri | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB)     |
| M12 | 10544 | 17-6 | 2120 | Fri | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB/RL)  |
| M12 | 9344  | 17-6 | 2140 | Fri | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB/RL)  |
| M12 | 11435 | 18-6 | 1800 | Sat | 938 938 938 1 9376 77 9376 77 80607 71142 13539 ... 14574 62982 34381 000 000 | CW | (AB)     |
| M12 | 10598 | 18-6 | 1820 | Sat | 938 938 938 1 9376 77 9376 77 80607 71142 13539 ... 14574 62982 34381 000 000 | CW | (AB)     |
| M12 | 9327  | 18-6 | 1840 | Sat | 938 938 938 1 9376 77 9376 77 80607 71142 13539 ... 14574 62982 34381 000 000 | CW | (AB)     |
| M12 | 11144 | 18-6 | 2100 | Sat | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB)     |
| M12 | 10544 | 18-6 | 2120 | Sat | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB)     |
| M12 | 9344  | 18-6 | 2140 | Sat | 153 153 153 1 695 102 695 102 89517 72075 71567 ... 40111 14762 60752 000 000 | CW | (AB)     |
| M12 | 10223 | 18-6 | 2210 | Sat | 239 239 239 1 8822 76 8822 76 97732 86432 27952 ... 90437 78277 38398 000 000 | CW | (AB/RL)  |
| M12 | 9323  | 18-6 | 2230 | Sat | 239 239 239 1 8822 76 8822 76 97732 86432 27952 ... 90437 78277 38398 000 000 | CW | (AB/RL)  |
| M12 | 8023  | 18-6 | 2250 | Sat | 239 239 239 1 8822 76 8822 76 97732 86432 27952 ... 90437 78277 38398 000 000 | CW | (AB/RL)  |
| M12 | 14926 | 19-6 | 1600 | Sun | 944 944 944 1 472 60 472 60 33247 50855 89738 ... 30505 81177 66708 000 000   | CW | (AB)     |
| M12 | 14426 | 19-6 | 1620 | Sun | 944 944 944 1 472 60 472 60 33247 50855 89738 ... 30505 81177 66708 000 000   | CW | (AB)     |
| M12 | 13426 | 19-6 | 1640 | Sun | 944 944 944 1 472 60 472 60 33247 50855 89738 ... 30505 81177 66708 000 000   | CW | (AB)     |
| M12 | 12205 | 20-6 | 1230 | Mon | 973 973 973 1 8342 59 8342 59 69235 31908 41926 ... 69361 11347 92257 000 000 | CW | (AB/MPJ) |
| M12 | 13559 | 20-6 | 1250 | Mon | 973 973 973 1 8342 59 8342 59 69235 31908 41926 ... 69361 11347 92257 000 000 | CW | (AB/MPJ) |
| M12 | 14728 | 20-6 | 1310 | Mon | 973 973 973 1 8342 59 8342 59 69235 31908 41926 ... 69361 11347 92257 000 000 | CW | (AB/MPJ) |
| M12 | 17427 | 20-6 | 1600 | Mon | 436 436 436 000                                                               | CW | (AB/MPJ) |
| M12 | 16327 | 20-6 | 1620 | Mon | 436 436 436 000                                                               | CW | (AB/MPJ) |
| M12 | 13892 | 20-6 | 2000 | Mon | 119 119 119 1 7142 68 7142 68 44634 33449 52501 ... 57110 36045 57622 000 000 | CW | (AB/RL)  |
| M12 | 13392 | 20-6 | 2020 | Mon | 119 119 119 1 7142 68 7142 68 44634 33449 52501 ... 57110 36045 57622 000 000 | CW | (AB/RL)  |
| M12 | 11592 | 20-6 | 2040 | Mon | 119 119 119 1 7142 68 7142 68 44634 33449 52501 ... 57110 36045 57622 000 000 | CW | (AB/RL)  |

|     |       |      |      |     |                                                                               |    |          |
|-----|-------|------|------|-----|-------------------------------------------------------------------------------|----|----------|
| M12 | 14493 | 20-6 | 2110 | Mon | 431 431 431 000                                                               | CW | (AB/RL)  |
| M12 | 13393 | 20-6 | 2130 | Mon | 431 431 431 000                                                               | CW | (AB/RL)  |
| M12 | 7857  | 21-6 | 0030 | Tue | 814 814 814 000                                                               | CW | (AB)     |
| M12 | 9157  | 21-6 | 0050 | Tue | 814 814 814 000                                                               | CW | (AB)     |
| M12 | 14581 | 21-6 | 0700 | Tue | 541 541 541 1 5737 60 5737 60 85040 47831 27920 ... 19447 96520 84852 000 000 | CW | (AB-J)   |
| M12 | 13481 | 21-6 | 0720 | Tue | 541 541 541 1 5737 60 5737 60 85040 47831 27920 ... 19447 96520 84852 000 000 | CW | (AB-J)   |
| M12 | 12181 | 21-6 | 0740 | Tue | 541 541 541 1 5737 60 5737 60 85040 47831 27920 ... 19447 96520 84852 000 000 | CW | (AB-J)   |
| M12 | 13531 | 21-6 | 0800 | Tue | 595 595 595 000                                                               | CW | (AB)     |
| M12 | 13931 | 21-6 | 0820 | Tue | 595 595 595 000                                                               | CW | (AB)     |
| M12 | 14926 | 22-6 | 1600 | Wed | 944 944 944 000                                                               | CW | (AB/MPJ) |
| M12 | 14426 | 22-6 | 1620 | Wed | 944 944 944 000                                                               | CW | (AB/MPJ) |
| M12 | 15823 | 22-6 | 1900 | Wed | 889 889 889 1 455 70 455 70 26849 91779 96473 ... 28153 66878 07167 000 000   | CW | (AB)     |
| M12 | 14823 | 22-6 | 1920 | Wed | 889 889 889 1 455 70 455 70 26849 91779 96473 ... 28153 66878 07167 000 000   | CW | (AB)     |
| M12 | 13923 | 22-6 | 1940 | Wed | 889 889 889 1 455 70 455 70 26849 91779 96473 ... 28153 66878 07167 000 000   | CW | (AB)     |
| M12 | 10223 | 22-6 | 2210 | Wed | 239 239 239 1 8822 76 8822 76 97732 86432 27952 ... 90437 78277 38398 000 000 | CW | (AB/RL)  |
| M12 | 9323  | 22-6 | 2230 | Wed | 239 239 239 1 8822 76 8822 76 97732 86432 27952 ... 90437 78277 38398 000 000 | CW | (AB/RL)  |
| M12 | 8023  | 22-6 | 2250 | Wed | 239 239 239 1 8822 76 8822 76 97732 86432 27952 ... 90437 78277 38398 000 000 | CW | (AB/RL)  |
| M12 | 13386 | 23-6 | 1110 | Thu | 725 725 725 1 6938 91 6938 91 31198 49203 19681 ... 89307 83683 34365 000 000 | CW | (AB/MPJ) |
| M12 | 12189 | 23-6 | 1130 | Thu | 725 725 725 1 6938 91 6938 91 31198 49203 19681 ... 89307 83683 34365 000 000 | CW | (AB/MPJ) |
| M12 | 11491 | 23-6 | 1150 | Thu | 725 725 725 1 6938 91 6938 91 31198 49203 19681 ... 89307 83683 34365 000 000 | CW | (AB/MPJ) |
| M12 | 17427 | 23-6 | 1600 | Thu | 436 436 436 000                                                               | CW | (AB/MPJ) |
| M12 | 16327 | 23-6 | 1620 | Thu | 436 436 436 000                                                               | CW | (AB/MPJ) |
| M12 | 13892 | 23-6 | 2000 | Thu | 119 119 119 1 7142 68 7142 68 44634 33449 52501 ... 57110 36045 57622 000 000 | CW | (AB/RL)  |
| M12 | 13392 | 23-6 | 2020 | Thu | 119 119 119 1 7142 68 7142 68 44634 33449 52501 ... 57110 36045 57622 000 000 | CW | (AB/RL)  |
| M12 | 11592 | 23-6 | 2040 | Thu | 119 119 119 1 7142 68 7142 68 44634 33449 52501 ... 57110 36045 57622 000 000 | CW | (AB/RL)  |
| M12 | 14493 | 23-6 | 2110 | Thu | 431 431 431 000                                                               | CW | (AB/RL)  |
| M12 | 13393 | 23-6 | 2130 | Thu | 431 431 431 000                                                               | CW | (AB/RL)  |
| M12 | 7857  | 24-6 | 0030 | Fri | 814 814 814 000                                                               | CW | (AB)     |
| M12 | 9157  | 24-6 | 0050 | Fri | 814 814 814 000                                                               | CW | (AB)     |
| M12 | 13531 | 24-6 | 0800 | Fri | 595 595 595 000                                                               | CW | (AB)     |
| M12 | 13931 | 24-6 | 0820 | Fri | 595 595 595 000                                                               | CW | (AB)     |
| M12 | 15823 | 24-6 | 1900 | Fri | 889 889 889 1 455 70 455 70 26849 91779 96473 ... 28153 66878 07167 000 000   | CW | (AB)     |
| M12 | 14823 | 24-6 | 1920 | Fri | 889 889 889 1 455 70 455 70 26849 91779 96473 ... 28153 66878 07167 000 000   | CW | (AB)     |
| M12 | 13923 | 24-6 | 1940 | Fri | 889 889 889 1 455 70 455 70 26849 91779 96473 ... 28153 66878 07167 000 000   | CW | (AB)     |
| M12 | 11144 | 24-6 | 2100 | Fri | 153 153 153 1 unreadable                                                      | CW | (AB)     |
| M12 | 10544 | 24-6 | 2120 | Fri | 153 153 153 1 unreadable                                                      | CW | (AB)     |
| M12 | 9344  | 24-6 | 2140 | Fri | 153 153 153 1 unreadable                                                      | CW | (AB)     |
| M12 | 11435 | 25-6 | 1800 | Sat | 938 938 938 1 1394 73 1394 73 41050 78637 33923 ... 02499 61711 91766 000 000 | CW | (AB)     |
| M12 | 10598 | 25-6 | 1820 | Sat | 938 938 938 1 1394 73 1394 73 41050 78637 33923 ... 02499 61711 91766 000 000 | CW | (AB)     |
| M12 | 9327  | 25-6 | 1840 | Sat | 938 938 938 1 1394 73 1394 73 41050 78637 33923 ... 02499 61711 91766 000 000 | CW | (AB)     |
| M12 | 11144 | 25-6 | 2100 | Sat | 153 153 153 1 unreadable                                                      | CW | (AB)     |
| M12 | 10544 | 25-6 | 2120 | Sat | 153 153 153 1 unreadable                                                      | CW | (AB)     |



|     |       |      |      |     |                                                                               |    |          |
|-----|-------|------|------|-----|-------------------------------------------------------------------------------|----|----------|
| M12 | 9344  | 25-6 | 2140 | Sat | 153 153 153 1 unreadable                                                      | CW | (AB)     |
| M12 | 10223 | 25-6 | 2210 | Sat | 239 239 239 1 584 84 584 84 80117 80797 10864 ... 74887 04562 65638 000 000   | CW | (AB/RL)  |
| M12 | 9323  | 25-6 | 2230 | Sat | 239 239 239 1 584 84 584 84 80117 80797 10864 ... 74887 04562 65638 000 000   | CW | (AB/RL)  |
| M12 | 8023  | 25-6 | 2250 | Sat | 239 239 239 1 584 84 584 84 80117 80797 10864 ... 74887 04562 65638 000 000   | CW | (AB/RL)  |
| M12 | 14926 | 26-6 | 1600 | Sun | 944 944 944 000                                                               | CW | (AB)     |
| M12 | 14426 | 26-6 | 1620 | Sun | 944 944 944 000                                                               | CW | (AB)     |
| M12 | 12205 | 27-6 | 1230 | Mon | 973 973 973 1 7239 60 7239 60 77933 25038 26550 ... 67155 60600 70276 000 000 | CW | (AB)     |
| M12 | 13559 | 27-6 | 1250 | Mon | 973 973 973 1 7239 60 7239 60 77933 25038 26550 ... 67155 60600 70276 000 000 | CW | (AB)     |
| M12 | 14728 | 27-6 | 1310 | Mon | 973 973 973 1 7239 60 7239 60 77933 25038 26550 ... 67155 60600 70276 000 000 | CW | (AB)     |
| M12 | 17427 | 27-6 | 1600 | Mon | 436 436 436 1 802 81 802 81 52968 79982 00797 ... 58914 22254 57512 000 000   | CW | (AB/MPJ) |
| M12 | 16327 | 27-6 | 1620 | Mon | 436 436 436 1 802 81 802 81 52968 79982 00797 ... 58914 22254 57512 000 000   | CW | (AB/MPJ) |
| M12 | 14627 | 27-6 | 1640 | Mon | 436 436 436 1 802 81 802 81 52968 79982 00797 ... 58914 22254 57512 000 000   | CW | (AB/MPJ) |
| M12 | 13892 | 27-6 | 2000 | Mon | 119 119 119 000                                                               | CW | (AB/RL)  |
| M12 | 13392 | 27-6 | 2020 | Mon | 119 119 119 000                                                               | CW | (AB/RL)  |
| M12 | 14493 | 27-6 | 2110 | Mon | 431 431 431 1 1746 95 1746 95 39374 89336 45623 ... 76977 90750 67974 000 000 | CW | (AB)     |
| M12 | 13393 | 27-6 | 2130 | Mon | 431 431 431 1 1746 95 1746 95 39374 89336 45623 ... 76977 90750 67974 000 000 | CW | (AB/RL)  |
| M12 | 12193 | 27-6 | 2150 | Mon | 431 431 431 1 1746 95 1746 95 39374 89336 45623 ... 76977 90750 67974 000 000 | CW | (AB/RL)  |
| M12 | 7857  | 28-6 | 0030 | Tue | 814 814 814 1 864 79 864 79 49911 04707 62140 ... 38742 18789 05299 000 000   | CW | (AB)     |
| M12 | 9157  | 28-6 | 0050 | Tue | 814 814 814 1 864 79 864 79 49911 04707 62140 ... 38742 18789 05299 000 000   | CW | (AB)     |
| M12 | 10457 | 28-6 | 0110 | Tue | 814 814 814 1 864 79 864 79 49911 04707 62140 ... 38742 18789 05299 000 000   | CW | (AB)     |
| M12 | 14581 | 28-6 | 0700 | Tue | 541 541 541 1 206 130 206 130 14371 90872 39760 ... 77104 05050 46928 000 000 | CW | (AB-J)   |
| M12 | 13481 | 28-6 | 0720 | Tue | 541 541 541 1 206 130 206 130 14371 90872 39760 ... 77104 05050 46928 000 000 | CW | (AB-J)   |
| M12 | 12181 | 28-6 | 0740 | Tue | 541 541 541 1 206 130 206 130 14371 90872 39760 ... 77104 05050 46928 000 000 | CW | (AB-J)   |
| M12 | 13531 | 28-6 | 0800 | Tue | 595 595 595 000                                                               | CW | (AB)     |
| M12 | 13931 | 28-6 | 0820 | Tue | 595 595 595 000                                                               | CW | (AB)     |
| M12 | 14926 | 29-6 | 1600 | Wed | 944 944 944 1 3460 83 3460 83 13869 06089 41153 ... 15162 72687 68746 000 000 | CW | (AB)     |
| M12 | 14426 | 29-6 | 1620 | Wed | 944 944 944 1 3460 83 3460 83 13869 06089 41153 ... 15162 72687 68746 000 000 | CW | (AB)     |
| M12 | 13426 | 29-6 | 1640 | Wed | 944 944 944 1 3460 83 3460 83 13869 06089 41153 ... 15162 72687 68746 000 000 | CW | (AB)     |
| M12 | 15823 | 29-6 | 1900 | Wed | 889 889 889 000                                                               | CW | (AB)     |
| M12 | 14823 | 29-6 | 1920 | Wed | 889 889 889 000                                                               | CW | (AB)     |
| M12 | 10223 | 29-6 | 2210 | Wed | 239 239 239 1 3546 90 3546 90 01663 13569 46856 ... 49543 78439 75094 000 000 | CW | (AB/RL)  |
| M12 | 9323  | 29-6 | 2230 | Wed | 239 239 239 1 3546 90 3546 90 01663 13569 46856 ... 49543 78439 75094 000 000 | CW | (AB/RL)  |
| M12 | 8023  | 29-6 | 2250 | Wed | 239 239 239 1 3546 90 3546 90 01663 13569 46856 ... 49543 78439 75094 000 000 | CW | (AB/RL)  |
| M12 | 14581 | 30-6 | 0700 | Thu | 541 541 541 1 206 130 206 130 14371 90872 39760 ... 77104 05050 46928 000 000 | CW | (AB-J)   |
| M12 | 13481 | 30-6 | 0720 | Thu | 541 541 541 1 206 130 206 130 14371 90872 39760 ... 77104 05050 46928 000 000 | CW | (AB-J)   |
| M12 | 12181 | 30-6 | 0740 | Thu | 541 541 541 1 206 130 206 130 14371 90872 39760 ... 77104 05050 46928 000 000 | CW | (AB-J)   |
| M12 | 13386 | 30-6 | 1110 | Thu | 725 725 725 1 8073 96 8073 96 95215 01341 36509 ... 34550 81323 33503 000 000 | CW | (AB/MPJ) |
| M12 | 12189 | 30-6 | 1130 | Thu | 725 725 725 1 8073 96 8073 96 95215 01341 36509 ... 34550 81323 33503 000 000 | CW | (AB/MPJ) |
| M12 | 11491 | 30-6 | 1150 | Thu | 725 725 725 1 8073 96 8073 96 95215 01341 36509 ... 34550 81323 33503 000 000 | CW | (AB/MPJ) |
| M12 | 17427 | 30-6 | 1600 | Thu | 436 436 436 1 802 81 802 81 52968 79982 00797 ... 58914 22254 57512 000 000   | CW | (AB/MPJ) |
| M12 | 16327 | 30-6 | 1620 | Thu | 436 436 436 1 802 81 802 81 52968 79982 00797 ... 58914 22254 57512 000 000   | CW | (AB/MPJ) |
| M12 | 14627 | 30-6 | 1640 | Thu | 436 436 436 1 802 81 802 81 52968 79982 00797 ... 58914 22254 57512 000 000   | CW | (AB/MPJ) |

|            |       |      |      |     |                                                                                                                            |            |                |
|------------|-------|------|------|-----|----------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| <b>M12</b> | 13892 | 30-6 | 2000 | Thu | 119 119 119 000                                                                                                            | CW         | (AB/RL)        |
| <b>M12</b> | 13392 | 30-6 | 2020 | Thu | 119 119 119 000                                                                                                            | CW         | (AB/RL)        |
| <b>M12</b> | 14493 | 30-6 | 2110 | Thu | 431 431 431 1 1746 95 1746 95 39374 89336 45623 ... 76977 90750 67974 000 000                                              | CW         | (AB/RL)        |
| <b>M12</b> | 13393 | 30-6 | 2130 | Thu | 431 431 431 1 1746 95 1746 95 39374 89336 45623 ... 76977 90750 67974 000 000                                              | CW         | (AB/RL)        |
| <b>M12</b> | 12193 | 30-6 | 2150 | Thu | 431 431 431 1 1746 95 1746 95 39374 89336 45623 ... 76977 90750 67974 000 000                                              | CW         | (AB/RL)        |
| <b>M14</b> | 12211 | 1-6  | 0502 | Wed | Late start. 952 952 952 00000 371 371 62 62 == 91524 21288 18519 ... 37667 51823 07986 == 371 371 62 62 (no closing nulls) | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 1-6  | 0520 | Wed | 952 371 371 62 62 == 91524 21288 18519 ... 37667 51823 07986 == 371 371 62 62 (no closing nulls)                           | CW         | (AB-J)         |
| <b>M14</b> | 12211 | 2-6  | 0500 | Thu | 952 846 846 51 51 == 53830 98473 65215 ... 34797 94488 85976 == 846 846 51 51 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 2-6  | 0520 | Thu | 952 846 846 51 51 == 53830 98473 65215 ... 34797 94488 85976 == 846 846 51 51 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 12211 | 3-6  | 0500 | Fri | 952 703 703 54 54 == 57869 05544 56707 ... 31373 48709 64592 == 703 703 54 54 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 3-6  | 0520 | Fri | 952 703 703 54 54 == 57869 05544 56707 ... 31373 48709 64592 == 703 703 54 54 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 12211 | 6-6  | 0500 | Mon | 952 418 418 52 52 == 82313 01207 38412 ... 14557 46364 66352 == 418 418 52 52 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 6-6  | 0520 | Mon | 952 418 418 52 52 == 82313 01207 38412 ... 14557 46364 66352 == 418 418 52 52 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 12211 | 7-6  | 0500 | Tue | 952 603 603 52 52 == 80333 43953 11852 ... 28968 07211 71954 == 603 603 52 52 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 7-6  | 0520 | Tue | 952 603 603 52 52 == 80333 43953 11852 ... 28968 07211 71954 == 603 603 52 52 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 12211 | 8-6  | 0500 | Wed | 952 718 718 55 55 == 86265 91082 88043 ... 05709 34203 24579 == 718 718 55 55 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 8-6  | 0524 | Wed | 952 718 718 55 55 == 86265 91082 88043 ... 05709 34203 24579 == 718 718 55 55 00000 Late start                             | CW         | (AB-J)         |
| <b>M14</b> | 12211 | 9-6  | 0500 | Thu | 952 436 436 51 51 == 58066 96830 16543 ... 00700 32048 45461 == 436 436 51 51 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 9-6  | 0520 | Thu | 952 436 436 51 51 == 58066 96830 16543 ... 00700 32048 45461 == 436 436 51 51 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 12211 | 10-6 | 0500 | Fri | 952 780 780 53 53 == 11742 24130 86392 ... 34208 25623 64617 == 780 780 53 53 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 10-6 | 0520 | Fri | 952 780 780 53 53 == 11742 24130 86392 ... 34208 25623 64617 == 780 780 53 53 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 16347 | 10-6 | 0930 | Fri | 617 617 617 00000                                                                                                          | CW         | (HFD)          |
| <b>M14</b> | 12211 | 14-6 | 0500 | Tue | 952 143 143 52 52 == 37045 00958 04889... 11945 87683 15503 == 143 143 52 52 00000                                         | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 14-6 | 0520 | Tue | 952 143 143 52 52 == 37045 00958 04889... 11945 87683 15503 == 143 143 52 52 00000                                         | CW         | (AB-J)         |
| <b>M14</b> | 12211 | 15-6 | 0500 | Wed | 952 607 607 58 58 == 96921 20028 63671 ... 52373 95181 41667 == 607 607 58 58 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 15-6 | 0524 | Wed | 952 607 607 58 58 == 96921 20028 63671 ... 52373 95181 41667 == 607 607 58 58 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 12211 | 16-6 | 0500 | Thu | 952 813 813 52 52 == 57423 12707 64687 ... 63608 98141 99773 == 813 813 52 52 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 16-6 | 0520 | Thu | 952 813 813 52 52 == 57423 12707 64687 ... 63608 98141 99773 == 813 813 52 52 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 12211 | 17-6 | 0500 | Fri | 952 467 467 51 51 == 93393 53543 72232 ... 64320 55746 91783 == 467 467 51 51 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 17-6 | 0520 | Fri | 952 467 467 51 51 == 93393 53543 72232 ... 64320 55746 91783 == 467 467 51 51 00000                                        | CW         | (AB-J/F5JBR-J) |
| <b>M14</b> | 12211 | 20-6 | 0500 | Mon | 952 801 801 54 54 == 13263 11689 17348 ... 95405 79785 00285 == 801 801 54 54 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 20-6 | 0520 | Mon | 952 801 801 54 54 == 13263 11689 17348 ... 95405 79785 00285 == 801 801 54 54 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 12211 | 21-6 | 0500 | Tue | 952 346 346 57 57 == 39264 34890 58562 ... 44397 46157 51554 == 346 346 57 57 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 10243 | 21-6 | 0520 | Tue | 952 346 346 57 57 == 39264 34890 58562 ... 44397 46157 51554 == 346 346 57 57 00000                                        | CW         | (AB-J)         |
| <b>M14</b> | 16347 | 25-6 | 0930 | Sat | 617 617 617 00000                                                                                                          | CW         | (AB/HFD)       |
| <b>M22</b> | 7616  | 2-6  | 1606 | Thu | VVV DE 4XZ 4XZ == TR AR NW QTC 1 NR 72 == NR 72 LM V DW4H 317120 MC4H GR 91 == etc.                                        | CW         | (AB)           |
| <b>M32</b> | 7314  | 6-6  | 1500 | Mon | FE4Q FE4Q FE4Q QTC AR 904 33 620 15904 = 976 = 11866 03174 53427 ... 53606 12095 06030 976 K                               | CW         | (MH2)          |
| <b>M42</b> | 16313 | 2-6  | 0849 | Thu | Russian intel.                                                                                                             | Serdolik-2 | (AB)           |

|             |       |      |      |     |                                                                                                                              |                      |           |
|-------------|-------|------|------|-----|------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------|
| <b>M42</b>  | 13446 | 8-6  | 2055 | Wed | Russian intel.                                                                                                               | Serdolik-2           | (AB)      |
| <b>M42</b>  | 16334 | 9-6  | 1056 | Thu | Russian intel.                                                                                                               | Serdolik-2           | (AB)      |
| <b>M42</b>  | 14462 | 14-6 | 1350 | Tue | Russian intel.                                                                                                               | Serdolik-2           | (AB)      |
| <b>M42</b>  | 13518 | 20-6 | 0748 | Mon | Russian diplo.                                                                                                               | MFSK-66              | (AB)      |
| <b>M42</b>  | 15604 | 20-6 | 0813 | Mon | Russian diplo/intel.                                                                                                         | Serdolik-2           | (AB)      |
| <b>M42</b>  | 13512 | 21-6 | 0753 | Tue | Russian diplo/intel.                                                                                                         | Serdolik-2           | (AB)      |
| <b>M42</b>  | 12151 | 21-6 | 0836 | Tue | Russian diplo.                                                                                                               | MFSK-66              | (AB)      |
| <b>M42</b>  | 16302 | 21-6 | 0849 | Tue | Russian diplo/intel.                                                                                                         | Serdolik-2           | (AB)      |
| <b>M42</b>  | 16190 | 21-6 | 0856 | Tue | Russian diplo.                                                                                                               | MFSK-66              | (AB)      |
| <b>M42</b>  | 18360 | 22-6 | 0809 | Wed | Russian intel.                                                                                                               | Serdolik-2           | (AB)      |
| <b>M42b</b> | 11561 | 1-6  | 1130 | Wed | RHO RHO RHO QSA4 QTC2 K. Headers 11100 30109 15749 01075 05003 and 11100 30109 31729 01076 05003 CFM QRQ 100 QBN K BK BK QRV | FSK CW + FSK 100/500 | (AB)      |
| <b>M42b</b> | 11561 | 8-6  | 1130 | Wed | RHO RHO RHO QSA4 QSA K QTC2 K. Headers 11100 30109 59621 08079 05003 and 11100 30109 59631 08080 05003 QRQ 100 K QSL 2 NIL K | FSK CW + FSK 100/500 | (AB)      |
| <b>M42b</b> | 5299  | 13-6 | 1440 | Mon | PSDG wkg FANH. QSA NO QSY 99278                                                                                              | CW                   | (F5JBR)   |
| <b>M42b</b> | 11561 | 15-6 | 1130 | Wed | RHO RHO RHO. Headers 11100 30109 83547 15081 05003 and 11100 30109 12953 15082 05003 CFM QRQ 100 K NIL K                     | FSK CW + FSK 100/500 | (AB)      |
| <b>M42b</b> | 11561 | 22-6 | 1130 | Wed | RHO RHO RHO QSA4 QTC2 QRV QRQ 100 Headers: 11100 30109 67853 22085 05003 and 11100 30109 34657 22086 05003                   | FSK CW + FSK 100/500 | (AB)      |
| <b>M51a</b> | 3881  | 25-6 | 0700 | Sat | VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA                                   | CW                   | (AB)      |
| <b>M51a</b> | 6825  | 25-6 | 0700 | Sat | VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA                                   | CW                   | (AB)      |
| <b>M51a</b> | 3881  | 25-6 | 0820 | Sat | VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA                                   | CW                   | (AB)      |
| <b>M51a</b> | 6825  | 25-6 | 0820 | Sat | VVV VVV VVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ followed by two messages CQ DE FAV22 VA                                   | CW                   | (AB)      |
| <b>M51b</b> | 6825  | 18-6 | 0925 | Sat | i.p. UJDKX VBDJZ WNSHQ ... 65382 BWJSU AKSLQ WP off                                                                          | CW                   | (AB)      |
| <b>M89</b>  | 12123 | 8-6  | 1005 | Wed | i.p. DT35 4A7T 4T6U 6N3U 3TD5 ...                                                                                            | CW                   | (JPL)     |
| <b>M89</b>  | 12127 | 8-6  | 1005 | Wed | V AP4R (x3) DE N5RV (x2) R SVC GA = 891U/XX635/1237/34/62/03/X535A/COMM/1386 AR                                              | CW                   | (JPL)     |
| <b>M89</b>  | 12120 | 8-6  | 1007 | Wed | i.p. = A645 55AN ND7U 3UTA NU34 4A3T U47A ...                                                                                | CW                   | (JPL)     |
| <b>M89</b>  | 12090 | 8-6  | 1014 | Wed | i.p. 7653 DA56 U765 ...                                                                                                      | CW                   | (JPL)     |
| <b>M89</b>  | 11643 | 8-6  | 1016 | Wed | i.p. 65ND U5UT U6TN ...                                                                                                      | CW                   | (JPL)     |
| <b>M89</b>  | 11482 | 8-6  | 1019 | Wed | i.p. 57U6 4U6A N636 ...                                                                                                      | CW                   | (JPL)     |
| <b>M89</b>  | 11451 | 8-6  | 1020 | Wed | i.p. R GA K                                                                                                                  | CW                   | (JPL)     |
| <b>M89</b>  | 11016 | 8-6  | 1026 | Wed | i.p. U75A 453U 453D 46N7 6UTA 35T4 ...                                                                                       | CW                   | (JPL)     |
| <b>M89</b>  | 9322  | 13-6 | 0542 | Mon | i.p. t7n3 73du nd5a ... 4756 td53 a567 AR K                                                                                  | CW                   | (Anon)    |
| <b>M89</b>  | 6824  | 17-6 | 0408 | Fri | QYE2 de 9WFFV V                                                                                                              | CW                   | (F5JBR-J) |
| <b>M89</b>  | 10581 | 17-6 | 0412 | Fri | i.p. NR1259/EX 1209 = O5K4D9M6 AR QSY 71                                                                                     | CW                   | (F5JBR-J) |
| <b>M89</b>  | 10653 | 17-6 | 0415 | Fri | i.p. 3AZS NR1260/EX 1212 = B7NN/UQ12 AR QSY SW                                                                               | CW                   | (F5JBR-J) |
| <b>M89</b>  | 10525 | 17-6 | 0418 | Fri | i.p. NR1261/EX 1225 = O6H5/L00R AR and QSY 72 QSY 72 VVV                                                                     | CW                   | (F5JBR-J) |
| <b>M89</b>  | 10711 | 17-6 | 0421 | Fri | i.p. 4RGN NR 1262/EX 1218 = A7Y5/E0C3 AR QSY 73 QSY 73 VVV                                                                   | CW                   | (F5JBR-J) |

|            |         |      |      |     |                                                                                                 |    |           |
|------------|---------|------|------|-----|-------------------------------------------------------------------------------------------------|----|-----------|
| <b>M89</b> | 10489   | 17-6 | 0426 | Fri | i.p. 1HXW NR 1264/EX 1224 = W2S1/XZB3 AR QSY 75 VVV                                             | CW | (F5JBR-J) |
| <b>M89</b> | 11169   | 17-6 | 0429 | Fri | i.p. 6ZLM QRU QRU SK SK                                                                         | CW | (F5JBR-J) |
| <b>M89</b> | 10587   | 17-6 | 0437 | Fri | i.p. LIX7 wkg IW9D NB3G IQLS MSG NR 1168 CK81 54 06 17 1230 RMKS CQ = 35TS D6AU ...             | CW | (F5JBR-J) |
| <b>M89</b> | 3596    | 17-6 | 1311 | Fri | QYE2 de 9WV V                                                                                   | CW | (F5JBR-J) |
| <b>M89</b> | 4860    | 17-6 | 1320 | Fri | Q2M de NYZ VVV                                                                                  | CW | (F5JBR-J) |
| <b>M89</b> | 6840    | 17-6 | 1324 | Fri | Q2M de NYZ VVV QSA ? K                                                                          | CW | (F5JBR-J) |
| <b>M89</b> | 4034    | 17-6 | 1537 | Fri | MJOH de LK9M V                                                                                  | CW | (F5JBR-J) |
| <b>M89</b> | 4860    | 21-6 | 1920 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ///6840                                         | CW | (JPL)     |
| <b>M89</b> | 6840    | 21-6 | 1920 | Tue | VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (R5) ///4860                                         | CW | (JPL)     |
| <b>M95</b> | 3794    | 5-6  | 1400 | Sun | 3D7N A753 3DA5 A5DA AR QSL ? K R QSL 1001 K R U GA K                                            | CW | (JPL)     |
| <b>M95</b> | 4178    | 5-6  | 1411 | Sun | V XP5B (x3) DE S2DJ (x2) //7517                                                                 | CW | (JPL)     |
| <b>M95</b> | 7517    | 5-6  | 1411 | Sun | V XP5B (x3) DE S2DJ (x2) //4178                                                                 | CW | (JPL)     |
| <b>M95</b> | 9054    | 7-6  | 2346 | Tue | VVV HR MSG TO YR PSE CY NR 092 CK 18 35 0608 0601 = UT5 TTD 3U4 3A4 TTA TTU TT3 773 353 U4T ... | CW | (JPL)     |
| <b>M95</b> | 4364    | 8-6  | 0003 | Wed | V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0423 CK 076 35 0603 8 0643 = //8073               | CW | (JPL)     |
| <b>M95</b> | 8073    | 8-6  | 0003 | Wed | V BNGC (x3) DE XSV85 (X2) HR MSG GA PSE CY NR 0423 CK 076 35 0603 8 0643 = //4364               | CW | (JPL)     |
| <b>M95</b> | 4178    | 17-6 | 1420 | Fri | XP5B de S2DJ V                                                                                  | CW | (F5JBR-J) |
| <b>M95</b> | 4178    | 21-6 | 1901 | Tue | V XP5B (x3) DE S2DJ (x2) //7517                                                                 | CW | (JPL)     |
| <b>M95</b> | 7517    | 21-6 | 1901 | Tue | V XP5B (x3) DE S2DJ (x2) //4178                                                                 | CW | (JPL)     |
| <b>MX</b>  | 16331.8 | 10-6 | 1330 | Fri | Beacon P, Kaliningrad                                                                           | CW | (MPJ)     |
| <b>MX</b>  | 8494.8  | 17-6 | 1219 | Fri | Beacon P, Kaliningrad sending WW P                                                              | CW | (AB)      |
| <b>MX</b>  | 10871.7 | 17-6 | 1221 | Fri | Beacon D, Sevastopol                                                                            | CW | (AB)      |
| <b>MX</b>  | 7039.3  | 17-6 | 1223 | Fri | Beacon K, Petropavlovsk Kamchatskiy                                                             | CW | (AB)      |
| <b>MX</b>  | 7039.4  | 17-6 | 1223 | Fri | Beacon M, Magadan                                                                               | CW | (AB)      |
| <b>MX</b>  | 7508.8  | 17-6 | 1223 | Fri | Beacon P, Kaliningrad                                                                           | CW | (AB)      |
| <b>MX</b>  | 10872.3 | 17-6 | 1225 | Fri | Beacon K, Petropavlovsk Kamchatskiy                                                             | CW | (AB)      |
| <b>MX</b>  | 10872.4 | 17-6 | 1225 | Fri | Beacon M, Magadan                                                                               | CW | (AB)      |
| <b>MX</b>  | 13528.2 | 17-6 | 1226 | Fri | Beacon F, Vladivostok                                                                           | CW | (AB)      |
| <b>MX</b>  | 13528.3 | 17-6 | 1226 | Fri | Beacon K, Petropavlovsk Kamchatskiy                                                             | CW | (AB)      |
| <b>MX</b>  | 13528.4 | 17-6 | 1226 | Fri | Beacon M, Magadan                                                                               | CW | (AB)      |
| <b>MX</b>  | 5154.2  | 17-6 | 1228 | Fri | Beacon F, Vladivostok                                                                           | CW | (AB)      |
| <b>MX</b>  | 16332.3 | 17-6 | 1228 | Fri | Beacon K, Petropavlovsk Kamchatskiy                                                             | CW | (AB)      |
| <b>MX</b>  | 20047.7 | 17-6 | 1417 | Fri | Beacon D, Sevastopol                                                                            | CW | (AB)      |
| <b>MX</b>  | 16331.8 | 17-6 | 1419 | Fri | Beacon P, Kaliningrad                                                                           | CW | (AB)      |
| <b>MX</b>  | 13527.9 | 17-6 | 1422 | Fri | Beacon S, Sevoromorsk                                                                           | CW | (AB)      |
| <b>MX</b>  | 13528.1 | 17-6 | 1422 | Fri | Beacon A, Astrakhan                                                                             | CW | (AB)      |
| <b>MX</b>  | 10872.1 | 17-6 | 1423 | Fri | Beacon A, Astrakhan                                                                             | CW | (AB)      |
| <b>MX</b>  | 7508.7  | 17-6 | 1529 | Fri | Beacon D, Sevastopol                                                                            | CW | (AB)      |
| <b>MX</b>  | 7508.9  | 17-6 | 1529 | Fri | Beacon S, Sevoromorsk                                                                           | CW | (AB)      |
| <b>MX</b>  | 16332.1 | 17-6 | 1530 | Fri | Beacon A, Astrakhan                                                                             | CW | (AB)      |
| <b>MX</b>  | 8497.8  | 20-6 | 1542 | Mon | Beacon L, St Petersburg                                                                         | CW | (AB)      |
| <b>MX</b>  | 8497.8  | 27-6 | 1614 | Mon | Beacon L, St Petersburg                                                                         | CW | (AB)      |

|     |       |      |      |     |               |     |          |
|-----|-------|------|------|-----|---------------|-----|----------|
| P03 | 7840  | 1-6  | 0135 | Wed | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 1-6  | 0140 | Wed | Polish intel. | PSK | (AB)     |
| P03 | 17535 | 1-6  | 0630 | Wed | Polish intel. | PSK | (AB-POL) |
| P03 | 17535 | 1-6  | 0635 | Wed | Polish intel. | PSK | (AB-POL) |
| P03 | 7840  | 2-6  | 0135 | Thu | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 2-6  | 0140 | Thu | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 3-6  | 0135 | Fri | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 3-6  | 0140 | Fri | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 4-6  | 0135 | Sat | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 4-6  | 0140 | Sat | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 5-6  | 0135 | Sun | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 5-6  | 0140 | Sun | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 6-6  | 0135 | Mon | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 6-6  | 0140 | Mon | Polish intel. | PSK | (AB)     |
| P03 | 17535 | 6-6  | 0630 | Mon | Polish intel. | PSK | (AB-POL) |
| P03 | 17535 | 6-6  | 0635 | Mon | Polish intel. | PSK | (AB-POL) |
| P03 | 7840  | 7-6  | 0135 | Tue | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 7-6  | 0140 | Tue | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 8-6  | 0135 | Wed | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 8-6  | 0140 | Wed | Polish intel. | PSK | (AB)     |
| P03 | 17535 | 8-6  | 0630 | Wed | Polish intel. | PSK | (AB)     |
| P03 | 17535 | 8-6  | 0635 | Wed | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 9-6  | 0135 | Thu | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 9-6  | 0140 | Thu | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 10-6 | 0135 | Fri | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 10-6 | 0140 | Fri | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 11-6 | 0135 | Sat | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 11-6 | 0140 | Sat | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 12-6 | 0135 | Sun | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 12-6 | 0140 | Sun | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 13-6 | 0135 | Mon | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 13-6 | 0140 | Mon | Polish intel. | PSK | (AB)     |
| P03 | 17535 | 13-6 | 0630 | Mon | Polish intel. | PSK | (AB)     |
| P03 | 17535 | 13-6 | 0635 | Mon | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 14-6 | 0135 | Tue | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 14-6 | 0140 | Tue | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 15-6 | 0135 | Wed | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 15-6 | 0140 | Wed | Polish intel. | PSK | (AB)     |
| P03 | 17535 | 15-6 | 0630 | Wed | Polish intel. | PSK | (AB)     |
| P03 | 17535 | 15-6 | 0635 | Wed | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 16-6 | 0135 | Thu | Polish intel. | PSK | (AB)     |
| P03 | 7840  | 16-6 | 0140 | Thu | Polish intel. | PSK | (AB)     |

|      |       |      |      |     |               |                  |          |
|------|-------|------|------|-----|---------------|------------------|----------|
| P03  | 7840  | 17-6 | 0135 | Fri | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 17-6 | 0140 | Fri | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 18-6 | 0135 | Sat | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 18-6 | 0140 | Sat | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 19-6 | 0135 | Sun | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 19-6 | 0140 | Sun | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 20-6 | 0135 | Mon | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 20-6 | 0140 | Mon | Polish intel. | PSK              | (AB)     |
| P03  | 17535 | 20-6 | 0630 | Mon | Polish intel. | PSK              | (AB)     |
| P03  | 17535 | 20-6 | 0635 | Mon | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 21-6 | 0135 | Tue | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 21-6 | 0140 | Tue | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 22-6 | 0135 | Wed | Polish intel. | PSK              | (AB-POL) |
| P03  | 7840  | 22-6 | 0140 | Wed | Polish intel. | PSK              | (AB-POL) |
| P03  | 17535 | 22-6 | 0630 | Wed | Polish intel. | PSK              | (AB)     |
| P03  | 17535 | 22-6 | 0635 | Wed | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 23-6 | 0135 | Thu | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 23-6 | 0140 | Thu | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 24-6 | 0135 | Fri | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 24-6 | 0140 | Fri | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 25-6 | 0135 | Sat | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 25-6 | 0140 | Sat | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 26-6 | 0135 | Sun | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 26-6 | 0140 | Sun | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 27-6 | 0135 | Mon | Polish intel. | PSK              | (AB-POL) |
| P03  | 7840  | 27-6 | 0140 | Mon | Polish intel. | PSK              | (AB-POL) |
| P03  | 17535 | 27-6 | 0630 | Mon | Polish intel. | PSK              | (AB)     |
| P03  | 17535 | 27-6 | 0635 | Mon | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 28-6 | 0135 | Tue | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 28-6 | 0140 | Tue | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 29-6 | 0135 | Wed | Polish intel. | PSK              | (AB-POL) |
| P03  | 7840  | 29-6 | 0140 | Wed | Polish intel. | PSK              | (AB-POL) |
| P03  | 17535 | 29-6 | 0630 | Wed | Polish intel. | PSK              | (AB)     |
| P03  | 17535 | 29-6 | 0635 | Wed | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 30-6 | 0135 | Thu | Polish intel. | PSK              | (AB)     |
| P03  | 7840  | 30-6 | 0140 | Thu | Polish intel. | PSK              | (AB)     |
| P03e | 14415 | 3-6  | 1515 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 14415 | 3-6  | 1520 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 14415 | 5-6  | 1515 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 14415 | 5-6  | 1520 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| P03e | 5231  | 5-6  | 1725 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| P03e | 5231  | 5-6  | 1730 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |



|             |       |      |      |     |               |                  |          |
|-------------|-------|------|------|-----|---------------|------------------|----------|
| <b>P03e</b> | 5231  | 7-6  | 1725 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 5231  | 7-6  | 1730 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 14415 | 10-6 | 1515 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| <b>P03e</b> | 14415 | 10-6 | 1520 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| <b>P03e</b> | 14415 | 12-6 | 1515 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| <b>P03e</b> | 14415 | 12-6 | 1520 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| <b>P03e</b> | 5231  | 12-6 | 1725 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 5231  | 12-6 | 1730 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 5231  | 14-6 | 1725 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| <b>P03e</b> | 5231  | 14-6 | 1730 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| <b>P03e</b> | 14415 | 17-6 | 1515 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 14415 | 17-6 | 1520 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 14415 | 19-6 | 1515 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 14415 | 19-6 | 1520 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 5231  | 19-6 | 1725 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 5231  | 19-6 | 1730 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 5231  | 21-6 | 1725 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 5231  | 21-6 | 1730 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 14415 | 24-6 | 1515 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| <b>P03e</b> | 14415 | 24-6 | 1520 | Fri | Polish intel. | QPSK 100Bd/488bp | (AB/MPJ) |
| <b>P03e</b> | 14415 | 26-6 | 1515 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 14415 | 26-6 | 1520 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 5231  | 26-6 | 1725 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 5231  | 26-6 | 1730 | Sun | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 5231  | 28-6 | 1725 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03e</b> | 5231  | 28-6 | 1730 | Tue | Polish intel. | QPSK 100Bd/488bp | (AB)     |
| <b>P03f</b> | 13537 | 1-6  | 0530 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB-POL) |
| <b>P03f</b> | 13537 | 1-6  | 0535 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB-POL) |
| <b>P03f</b> | 13537 | 6-6  | 0530 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 6-6  | 0535 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 8-6  | 0530 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 8-6  | 0535 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 13-6 | 0530 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 13-6 | 0535 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 15-6 | 0530 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 15-6 | 0535 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 20-6 | 0530 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 20-6 | 0535 | Mon | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 22-6 | 0530 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 22-6 | 0535 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 29-6 | 0530 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB)     |
| <b>P03f</b> | 13537 | 29-6 | 0535 | Wed | Polish intel. | QPSK 200Bd/496bp | (AB)     |

|             |       |      |      |     |               |                  |          |
|-------------|-------|------|------|-----|---------------|------------------|----------|
| <b>P03j</b> | 16335 | 1-6  | 1315 | Wed | Polish intel. | QPSK 100Bd/504bp | (AB/MPJ) |
| <b>P03j</b> | 16335 | 1-6  | 1320 | Wed | Polish intel. | QPSK 100Bd/504bp | (AB/MPJ) |
| <b>P03j</b> | 16335 | 3-6  | 1315 | Fri | Polish intel. | QPSK 100Bd/504bp | (AB/MPJ) |
| <b>P03j</b> | 16335 | 3-6  | 1320 | Fri | Polish intel. | QPSK 100Bd/504bp | (AB/MPJ) |
| <b>P03j</b> | 16335 | 10-6 | 1315 | Fri | Polish intel. | QPSK 100Bd/504bp | (AB)     |
| <b>P03j</b> | 16335 | 10-6 | 1320 | Fri | Polish intel. | QPSK 100Bd/504bp | (AB)     |
| <b>P03j</b> | 16335 | 15-6 | 1315 | Wed | Polish intel. | QPSK 100Bd/504bp | (AB)     |
| <b>P03j</b> | 16335 | 15-6 | 1320 | Wed | Polish intel. | QPSK 100Bd/504bp | (AB)     |
| <b>P03j</b> | 16335 | 17-6 | 1315 | Fri | Polish intel. | QPSK 100Bd/504bp | (AB)     |
| <b>P03j</b> | 16335 | 17-6 | 1320 | Fri | Polish intel. | QPSK 100Bd/504bp | (AB)     |
| <b>P03j</b> | 16335 | 22-6 | 1315 | Wed | Polish intel. | QPSK 100Bd/504bp | (AB/MPJ) |
| <b>P03j</b> | 16335 | 22-6 | 1320 | Wed | Polish intel. | QPSK 100Bd/504bp | (AB/MPJ) |
| <b>P03j</b> | 16335 | 24-6 | 1315 | Fri | Polish intel. | QPSK 100Bd/504bp | (AB/MPJ) |
| <b>P03j</b> | 16335 | 24-6 | 1320 | Fri | Polish intel. | QPSK 100Bd/504bp | (AB/MPJ) |
| <b>P03j</b> | 16335 | 29-6 | 1315 | Wed | Polish intel. | QPSK 100Bd/504bp | (MPJ)    |
| <b>P03j</b> | 16335 | 29-6 | 1320 | Wed | Polish intel. | QPSK 100Bd/504bp | (MPJ)    |
| <b>P03k</b> | 9558  | 1-6  | 1310 | Wed | Polish intel. | BPSK 100Bd/480bp | (MPJ)    |
| <b>P03k</b> | 9558  | 1-6  | 1315 | Wed | Polish intel. | BPSK 100Bd/480bp | (MPJ)    |
| <b>P03k</b> | 5344  | 1-6  | 1800 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| <b>P03k</b> | 5344  | 1-6  | 1805 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| <b>P03k</b> | 5779  | 2-6  | 1950 | Thu | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 5779  | 2-6  | 1955 | Thu | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 8530  | 3-6  | 1100 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 8530  | 3-6  | 1105 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 6814  | 4-6  | 0630 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 6814  | 4-6  | 0635 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 13873 | 4-6  | 1230 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 13873 | 4-6  | 1235 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 9558  | 4-6  | 1310 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 9558  | 4-6  | 1315 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 5344  | 4-6  | 1800 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 5344  | 4-6  | 1805 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 11420 | 5-6  | 0530 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 11420 | 5-6  | 0535 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 6814  | 5-6  | 0630 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 6814  | 5-6  | 0635 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 8530  | 5-6  | 1100 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| <b>P03k</b> | 8530  | 5-6  | 1105 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| <b>P03k</b> | 8803  | 5-6  | 1220 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| <b>P03k</b> | 8803  | 5-6  | 1225 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| <b>P03k</b> | 5779  | 5-6  | 1950 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| <b>P03k</b> | 5779  | 5-6  | 1955 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |



|      |       |      |      |     |               |                  |          |
|------|-------|------|------|-----|---------------|------------------|----------|
| P03k | 8803  | 6-6  | 1220 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 8803  | 6-6  | 1225 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 13873 | 7-6  | 1230 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 13873 | 7-6  | 1235 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 9558  | 8-6  | 1310 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 9558  | 8-6  | 1315 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5344  | 8-6  | 1800 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5344  | 8-6  | 1805 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5779  | 9-6  | 1950 | Thu | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5779  | 9-6  | 1955 | Thu | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 11420 | 10-6 | 0530 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 11420 | 10-6 | 0535 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 8530  | 10-6 | 1100 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 8530  | 10-6 | 1105 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 6814  | 11-6 | 0630 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 6814  | 11-6 | 0635 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 13873 | 11-6 | 1230 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 13873 | 11-6 | 1235 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 9558  | 11-6 | 1310 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 9558  | 11-6 | 1315 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5344  | 11-6 | 1800 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5344  | 11-6 | 1805 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 11420 | 12-6 | 0530 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 11420 | 12-6 | 0535 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 6814  | 12-6 | 0630 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 6814  | 12-6 | 0635 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 8530  | 12-6 | 1100 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 8530  | 12-6 | 1105 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 8803  | 12-6 | 1220 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 8803  | 12-6 | 1225 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 5779  | 12-6 | 1950 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5779  | 12-6 | 1955 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 8803  | 13-6 | 1220 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 8803  | 13-6 | 1225 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 13873 | 14-6 | 1230 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 13873 | 14-6 | 1235 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 9558  | 15-6 | 1310 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 9558  | 15-6 | 1315 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5344  | 15-6 | 1800 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5344  | 15-6 | 1805 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5779  | 16-6 | 1950 | Thu | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5779  | 16-6 | 1955 | Thu | Polish intel. | BPSK 100Bd/480bp | (AB)     |

|      |       |      |      |     |               |                  |          |
|------|-------|------|------|-----|---------------|------------------|----------|
| P03k | 11420 | 17-6 | 0530 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 11420 | 17-6 | 0535 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 8530  | 17-6 | 1100 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 8530  | 17-6 | 1105 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 6814  | 18-6 | 0630 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 6814  | 18-6 | 0635 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 13873 | 18-6 | 1230 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 13873 | 18-6 | 1235 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9558  | 18-6 | 1310 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9558  | 18-6 | 1315 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 5344  | 18-6 | 1800 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 5344  | 18-6 | 1805 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 11420 | 19-6 | 0530 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 11420 | 19-6 | 0535 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 6814  | 19-6 | 0630 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 6814  | 19-6 | 0635 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 8530  | 19-6 | 1100 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 8530  | 19-6 | 1105 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 8803  | 19-6 | 1220 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 8803  | 19-6 | 1225 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5779  | 19-6 | 1950 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5779  | 19-6 | 1955 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 11420 | 21-6 | 0530 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 11420 | 21-6 | 0535 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 13873 | 21-6 | 1230 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 13873 | 21-6 | 1235 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 9558  | 22-6 | 1310 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 9558  | 22-6 | 1315 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 5344  | 22-6 | 1800 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 5344  | 22-6 | 1805 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 5779  | 23-6 | 1950 | Thu | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 5779  | 23-6 | 1955 | Thu | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 11420 | 24-6 | 0530 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 11420 | 24-6 | 0535 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 8530  | 24-6 | 1100 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 8530  | 24-6 | 1105 | Fri | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ) |
| P03k | 6814  | 25-6 | 0630 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 6814  | 25-6 | 0635 | Sat | Polish intel. | BPSK 100Bd/480bp | (AB)     |
| P03k | 13873 | 25-6 | 1230 | Sat | Polish intel. | BPSK 100Bd/480bp | (MPJ)    |
| P03k | 13873 | 25-6 | 1235 | Sat | Polish intel. | BPSK 100Bd/480bp | (MPJ)    |
| P03k | 9558  | 25-6 | 1310 | Sat | Polish intel. | BPSK 100Bd/480bp | (MPJ)    |
| P03k | 9558  | 25-6 | 1315 | Sat | Polish intel. | BPSK 100Bd/480bp | (MPJ)    |

|      |       |      |      |     |               |                  |              |
|------|-------|------|------|-----|---------------|------------------|--------------|
| P03k | 5344  | 25-6 | 1800 | Sat | Polish intel. | BPSK 100Bd/480bp | (MPJ)        |
| P03k | 5344  | 25-6 | 1805 | Sat | Polish intel. | BPSK 100Bd/480bp | (MPJ)        |
| P03k | 11420 | 26-6 | 0530 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 11420 | 26-6 | 0535 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 6814  | 26-6 | 0630 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 6814  | 26-6 | 0635 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 8530  | 26-6 | 1100 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 8530  | 26-6 | 1105 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 8803  | 26-6 | 1220 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB-POL)     |
| P03k | 8803  | 26-6 | 1225 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB-POL)     |
| P03k | 5779  | 26-6 | 1950 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 5779  | 26-6 | 1955 | Sun | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 8803  | 27-6 | 1220 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 8803  | 27-6 | 1225 | Mon | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 11420 | 28-6 | 0530 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 11420 | 28-6 | 0535 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 13873 | 28-6 | 1230 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 13873 | 28-6 | 1235 | Tue | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 9558  | 29-6 | 1310 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ)     |
| P03k | 9558  | 29-6 | 1315 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ)     |
| P03k | 5344  | 29-6 | 1800 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ)     |
| P03k | 5344  | 29-6 | 1805 | Wed | Polish intel. | BPSK 100Bd/480bp | (AB/MPJ)     |
| P03k | 5779  | 30-6 | 1950 | Thu | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03k | 5779  | 30-6 | 1955 | Thu | Polish intel. | BPSK 100Bd/480bp | (AB)         |
| P03I | 8597  | 1-6  | 1345 | Wed | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)     |
| P03I | 8597  | 1-6  | 1350 | Wed | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)     |
| P03I | 5409  | 2-6  | 1200 | Thu | Polish intel. | QPSK 100Bd/464bp | (AB-POL)     |
| P03I | 5409  | 2-6  | 1205 | Thu | Polish intel. | QPSK 100Bd/464bp | (AB-POL)     |
| P03I | 8597  | 3-6  | 1345 | Fri | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)     |
| P03I | 8597  | 3-6  | 1350 | Fri | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)     |
| P03I | 5409  | 4-6  | 1200 | Sat | Polish intel. | QPSK 100Bd/464bp | (AB-POL)     |
| P03I | 5409  | 4-6  | 1205 | Sat | Polish intel. | QPSK 100Bd/464bp | (AB-POL)     |
| P03I | 5409  | 5-6  | 1200 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ) |
| P03I | 5409  | 5-6  | 1205 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ) |
| P03I | 5082  | 5-6  | 1245 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ-HOL) |
| P03I | 5082  | 5-6  | 1250 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ-HOL) |
| P03I | 8597  | 8-6  | 1345 | Wed | Polish intel. | QPSK 100Bd/464bp | (AB)         |
| P03I | 8597  | 8-6  | 1350 | Wed | Polish intel. | QPSK 100Bd/464bp | (AB)         |
| P03I | 5409  | 9-6  | 1200 | Thu | Polish intel. | QPSK 100Bd/464bp | (AB-POL)     |
| P03I | 5409  | 9-6  | 1205 | Thu | Polish intel. | QPSK 100Bd/464bp | (AB-POL)     |
| P03I | 8597  | 10-6 | 1345 | Fri | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)     |
| P03I | 8597  | 10-6 | 1350 | Fri | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)     |

|             |      |      |      |     |               |                  |                  |
|-------------|------|------|------|-----|---------------|------------------|------------------|
| <b>P03I</b> | 5409 | 11-6 | 1200 | Sat | Polish intel. | QPSK 100Bd/464bp | (AB-POL)         |
| <b>P03I</b> | 5409 | 11-6 | 1205 | Sat | Polish intel. | QPSK 100Bd/464bp | (AB-POL)         |
| <b>P03I</b> | 5082 | 11-6 | 1245 | Sat | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ-HOL)     |
| <b>P03I</b> | 5082 | 11-6 | 1250 | Sat | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ-HOL)     |
| <b>P03I</b> | 5409 | 12-6 | 1200 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ-HNG) |
| <b>P03I</b> | 5409 | 12-6 | 1205 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ-HNG) |
| <b>P03I</b> | 5082 | 12-6 | 1245 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ-FIN)     |
| <b>P03I</b> | 5082 | 12-6 | 1250 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ-FIN)     |
| <b>P03I</b> | 5409 | 13-6 | 1200 | Mon | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ-HOL) |
| <b>P03I</b> | 5409 | 13-6 | 1205 | Mon | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ-HOL) |
| <b>P03I</b> | 8597 | 15-6 | 1345 | Wed | Polish intel. | QPSK 100Bd/464bp | (AB)             |
| <b>P03I</b> | 8597 | 15-6 | 1350 | Wed | Polish intel. | QPSK 100Bd/464bp | (AB)             |
| <b>P03I</b> | 5409 | 16-6 | 1200 | Thu | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ-HOL) |
| <b>P03I</b> | 5409 | 16-6 | 1205 | Thu | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ-HOL) |
| <b>P03I</b> | 8597 | 17-6 | 1345 | Fri | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)         |
| <b>P03I</b> | 8597 | 17-6 | 1350 | Fri | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)         |
| <b>P03I</b> | 5409 | 18-6 | 1200 | Sat | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ-HOL) |
| <b>P03I</b> | 5409 | 18-6 | 1205 | Sat | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ-HOL) |
| <b>P03I</b> | 5082 | 18-6 | 1245 | Sat | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)         |
| <b>P03I</b> | 5082 | 18-6 | 1250 | Sat | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)         |
| <b>P03I</b> | 5409 | 19-6 | 1200 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL)         |
| <b>P03I</b> | 5409 | 19-6 | 1205 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL)         |
| <b>P03I</b> | 5082 | 19-6 | 1245 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL)         |
| <b>P03I</b> | 5082 | 19-6 | 1250 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL)         |
| <b>P03I</b> | 5409 | 20-6 | 1200 | Mon | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ)     |
| <b>P03I</b> | 5409 | 20-6 | 1205 | Mon | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ)     |
| <b>P03I</b> | 8597 | 22-6 | 1345 | Wed | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)         |
| <b>P03I</b> | 8597 | 22-6 | 1350 | Wed | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)         |
| <b>P03I</b> | 5409 | 23-6 | 1200 | Thu | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ)     |
| <b>P03I</b> | 5409 | 23-6 | 1205 | Thu | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ)     |
| <b>P03I</b> | 8597 | 24-6 | 1345 | Fri | Polish intel. | QPSK 100Bd/464bp | (AB/MPJ)         |
| <b>P03I</b> | 8597 | 24-6 | 1350 | Fri | Polish intel. | QPSK 100Bd/464bp | (AB)             |
| <b>P03I</b> | 5409 | 25-6 | 1200 | Sat | Polish intel. | QPSK 100Bd/464bp | (MPJ)            |
| <b>P03I</b> | 5409 | 25-6 | 1205 | Sat | Polish intel. | QPSK 100Bd/464bp | (MPJ)            |
| <b>P03I</b> | 5082 | 25-6 | 1245 | Sat | Polish intel. | QPSK 100Bd/464bp | (MPJ)            |
| <b>P03I</b> | 5082 | 25-6 | 1250 | Sat | Polish intel. | QPSK 100Bd/464bp | (MPJ)            |
| <b>P03I</b> | 5409 | 26-6 | 1200 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL)         |
| <b>P03I</b> | 5409 | 26-6 | 1205 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL)         |
| <b>P03I</b> | 5082 | 26-6 | 1245 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL)         |
| <b>P03I</b> | 5082 | 26-6 | 1250 | Sun | Polish intel. | QPSK 100Bd/464bp | (AB-POL)         |
| <b>P03I</b> | 5409 | 27-6 | 1200 | Mon | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ)     |
| <b>P03I</b> | 5409 | 27-6 | 1205 | Mon | Polish intel. | QPSK 100Bd/464bp | (AB-POL/MPJ)     |

|      |        |      |      |     |                                                                                                      |                      |              |
|------|--------|------|------|-----|------------------------------------------------------------------------------------------------------|----------------------|--------------|
| P03I | 8597   | 29-6 | 1345 | Wed | Polish intel.                                                                                        | QPSK 100Bd/464bp     | (AB/MPJ)     |
| P03I | 8597   | 29-6 | 1350 | Wed | Polish intel.                                                                                        | QPSK 100Bd/464bp     | (AB/MPJ)     |
| P03I | 5409   | 30-6 | 1200 | Thu | Polish intel.                                                                                        | QPSK 100Bd/464bp     | (AB-POL/MPJ) |
| P03I | 5409   | 30-6 | 1205 | Thu | Polish intel.                                                                                        | QPSK 100Bd/464bp     | (AB-POL/MPJ) |
| Q26  | 9054   | 7-6  | 2342 | Tue | Messages                                                                                             | 4+4 QPSK 75/3000 LSB | (JPL)        |
| Q26  | 4364   | 8-6  | 0002 | Wed | XSV85: messages //8073                                                                               | 4+4 QPSK 75/3000 LSB | (JPL)        |
| Q26  | 8073   | 8-6  | 0002 | Wed | XSV85: messages //4364                                                                               | 4+4 QPSK 75/3000 LSB | (JPL)        |
| Q26  | 8073   | 11-6 | 1155 | Sat | traffic                                                                                              | 4+4 QPSK 75/3000 LSB | (Anon)       |
| Q26  | 9064.5 | 13-6 | 0813 | Mon | RYRYRYRYRYRY NY XL JHD @6@? AWZ ICD HV 4 A@FX A@FX A@FX LP Z:OT Z:OT Z:OT + message (partly garbled) | 4+4 QPSK 75/3000 LSB | (Anon)       |
| Q26  | 8045   | 18-6 | 0601 | Sat | EHX OXI ++ ++ IG.76CM JCGW CYBG QYPW JQWY ... CGQY YJUQ MGJB ZII HV )                                | 4+4 QPSK 75/3000 LSB | (Anon)       |
| Q26  | 8084   | 18-6 | 1031 | Sat | Voice traffic in Chinese (V26), followed by 4+4 traffic (Q26) + OFDM-30 and finally CW (M89)         | Various modes        | (Anon)       |
| Q26  | 8075.5 | 21-6 | 0750 | Tue | traffic                                                                                              | 4+4 QPSK 75/3000 LSB | (Anon)       |
| Q26  | 6875   | 21-6 | 0802 | Tue | traffic                                                                                              | 4+4 QPSK 75/3000 LSB | (Anon)       |
| Q26  | 7533   | 22-6 | 0128 | Wed | traffic                                                                                              | 4+4 QPSK 75/3000 LSB | (Anon)       |
| RMv  | 5045   | 2-6  | 1411 | Thu | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 4124. 16 chasov 14 minut konec svyazi       | USB                  | (AB-POL)     |
| RMv  | 5045   | 6-6  | 1413 | Mon | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3465. 16 chasov 15 minut konec svyazi       | USB                  | (AB-POL)     |
| RMv  | 5045   | 7-6  | 1412 | Tue | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3454. 16 chasov 14 minut konec svyazi       | USB                  | (AB-POL)     |
| RMv  | 5045   | 8-6  | 1413 | Wed | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2879. 16 chasov 15 minut konec svyazi       | USB                  | (AB-POL)     |
| RMv  | 5045   | 9-6  | 1415 | Thu | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 2167. 16 chasov 16 minut konec svyazi       | USB                  | (AB-POL)     |
| RMv  | 5045   | 10-6 | 1410 | Fri | Tsaplya, Tsaplya, Ya Znamya, primite radiogrammu. Signal 3159. 16 chasov 13 minut konec svyazi       | USB                  | (AB-POL)     |
| S06  | 16022  | 2-6  | 0830 | Thu | 842 157 34 59422 79477 18264 ... 05063 32503 21050 157 34 00000                                      | USB                  | (PY/HFD-AUS) |
| S06  | 13940  | 2-6  | 0930 | Thu | 842 157 34 59422 79477 18264 ... 05063 32503 21050 157 34 00000                                      | USB                  | (PY/HFD-AUS) |
| S06  | 16022  | 3-6  | 0830 | Fri | 842 157 34 59422 79477 18264 ... 05063 32503 21050 157 34 00000                                      | USB                  | (PY)         |
| S06  | 13925  | 3-6  | 0930 | Fri | 842 157 34 59422 79477 18264 ... 05063 32503 21050 157 34 00000                                      | USB                  | (PY)         |
| S06  | 9912   | 3-6  | 2000 | Fri | 319 319 319 00000                                                                                    | USB                  | (AB/HFD)     |
| S06  | 7916   | 3-6  | 2100 | Fri | 319 319 319 00000                                                                                    | USB                  | (AB/HFD)     |
| S06  | 16022  | 9-6  | 0830 | Thu | 842 960 35 35218 76251 07363 ... 66507 39645 45772 960 35 00000                                      | USB                  | (PY)         |
| S06  | 13936  | 9-6  | 0930 | Thu | 842 960 35 35218 76251 07363 ... 66507 39645 45772 960 35 00000                                      | USB                  | (PY)         |
| S06  | 16022  | 10-6 | 0830 | Fri | 842 960 35 35218 76251 07363 ... 66507 39645 45772 960 35 00000                                      | USB                  | (PY)         |
| S06  | 13940  | 10-6 | 0930 | Fri | 842 960 35 35218 76251 07363 ... 66507 39645 45772 960 35 00000                                      | USB                  | (PY)         |
| S06  | 16022  | 16-6 | 0830 | Thu | 842 517 36 88903 89962 38019 ... 43052 32291 30463 517 36 00000                                      | USB                  | (PY)         |
| S06  | 13936  | 16-6 | 0930 | Thu | 842 517 36 88903 89962 38019 ... 43052 32291 30463 517 36 00000                                      | USB                  | (PY)         |
| S06  | 16022  | 17-6 | 0830 | Fri | 842 517 36 88903 89962 38019 ... 43052 32291 30463 517 36 00000                                      | USB                  | (PY)         |
| S06  | 13936  | 17-6 | 0930 | Fri | 842 517 36 88903 89962 38019 ... 43052 32291 30463 517 36 00000                                      | USB                  | (PY)         |
| S06  | 9912   | 17-6 | 2000 | Fri | 319 319 319 00000                                                                                    | USB                  | (AB)         |
| S06  | 7916   | 17-6 | 2100 | Fri | 319 319 319 00000                                                                                    | USB                  | (AB)         |
| S06  | 13925  | 23-6 | 0830 | Thu | 842 956 37 53072 29474 81975 ... 55664 95213 04591 956 37 00000                                      | USB                  | (PY)         |
| S06  | 16022  | 23-6 | 0830 | Thu | 842 956 37 53072 29474 81975 ... 55664 95213 04591 956 37 00000                                      | USB                  | (PY)         |
| S06  | 13933  | 24-6 | 0830 | Fri | 842 956 37 53072 29474 81975 ... 55664 95213 04591 956 37 00000                                      | USB                  | (PY)         |
| S06  | 16022  | 24-6 | 0830 | Fri | 842 956 37 53072 29474 81975 ... 55664 95213 04591 956 37 00000                                      | USB                  | (PY)         |
| S06  | 13935  | 30-6 | 0830 | Thu | 842 701 38 68706 89384 57162 ... 26899 72225 58360 701 38 00000                                      | USB                  | (PY)         |



|             |       |      |      |     |                                                                                                                    |     |                  |
|-------------|-------|------|------|-----|--------------------------------------------------------------------------------------------------------------------|-----|------------------|
| <b>S06</b>  | 16022 | 30-6 | 0830 | Thu | 842 701 38 68706 89384 57162 ... 26899 72225 58360 701 38 00000                                                    | USB | (PY)             |
| <b>S06g</b> | 11073 | 20-6 | 0740 | Mon | 352 352 352 34726 804 31 45630 70369 70717 ... 07154 00733 90763 804 31 00000                                      | USB | (Anon)           |
| <b>S11</b>  | 9339  | 13-6 | 0700 | Mon | 477/00                                                                                                             | USB | (AB)             |
| <b>S11</b>  | 9339  | 20-6 | 0700 | Mon | 477/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 13537 | 1-6  | 0510 | Wed | 655/00                                                                                                             | USB | (AB-POL)         |
| <b>S11a</b> | 12457 | 1-6  | 1850 | Wed | 281/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 9968  | 2-6  | 0445 | Thu | 798/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 15690 | 2-6  | 0500 | Thu | 380/00                                                                                                             | USB | (AB-POL)         |
| <b>S11a</b> | 9339  | 2-6  | 0700 | Thu | 475/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 6814  | 3-6  | 0915 | Fri | 481/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 7772  | 3-6  | 1400 | Fri | 422/00                                                                                                             | USB | (AB/MPJ)         |
| <b>S11a</b> | 5149  | 4-6  | 0830 | Sat | 373/35 Vnimanaye 21016 75002 73694 ... 89926 02982 46271 Vnimanaye (message repeated)<br>Konets                    | USB | (AB)             |
| <b>S11a</b> | 12457 | 4-6  | 1850 | Sat | 288/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 5149  | 5-6  | 0830 | Sun | 373/35 Vnimanaye 21016 75002 73694 ... 89926 02982 46271 Vnimanaye (message repeated)<br>Konets                    | USB | (AB)             |
| <b>S11a</b> | 9339  | 6-6  | 0700 | Mon | 478/35 Vnimanaye 20461 51923 85034 ... 92982 62366 99926 Vnimanaye (message repeated)<br>Konets                    | USB | (AB)             |
| <b>S11a</b> | 6814  | 6-6  | 0915 | Mon | 486/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 9968  | 7-6  | 0445 | Tue | 798/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 15690 | 7-6  | 0500 | Tue | 389/00                                                                                                             | USB | (AB-POL)         |
| <b>S11a</b> | 7772  | 7-6  | 1400 | Tue | 427/00                                                                                                             | USB | (MPJ)            |
| <b>S11a</b> | 13537 | 8-6  | 0510 | Wed | 651/35 Vnimanaye 78173 75593 58881 ... 60648 66333 25554 Vnimanaye (message repeated)<br>Konets                    | USB | (AB-POL)         |
| <b>S11a</b> | 12457 | 8-6  | 1850 | Wed | 286/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 9968  | 9-6  | 0445 | Thu | 794/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 15690 | 9-6  | 0500 | Thu | 384/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 6814  | 10-6 | 0915 | Fri | 482/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 7772  | 10-6 | 1400 | Fri | 427/00                                                                                                             | USB | (AB/MPJ)         |
| <b>S11a</b> | 5149  | 11-6 | 0830 | Sat | 378/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 12457 | 11-6 | 1850 | Sat | 281/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 5149  | 12-6 | 0830 | Sun | 378/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 13537 | 13-6 | 0510 | Mon | 656/00                                                                                                             | USB | (AB/HFD)         |
| <b>S11a</b> | 6814  | 13-6 | 0915 | Mon | 483/00                                                                                                             | USB | (AB)             |
| <b>S11a</b> | 9968  | 14-6 | 0445 | Tue | 791/31 Vnimanaye 84943 40864 27344 ... 23997 78453 74732 Vnimanaye (message repeated)<br>Konets                    | USB | (AB)             |
| <b>S11a</b> | 15690 | 14-6 | 0500 | Tue | 382/00                                                                                                             | USB | (AB-POL/HFD)     |
| <b>S11a</b> | 7772  | 14-6 | 1400 | Tue | 424/35 Vnimanaye 86800 01507 48110 ... 29095 10273 48508 Vnimanaye (message repeated)<br>Konets                    | USB | (AB-POL/MPJ-HOL) |
| <b>S11a</b> | 13537 | 15-6 | 0510 | Wed | 659/00                                                                                                             | USB | (AB-POL)         |
| <b>S11a</b> | 12457 | 15-6 | 1850 | Wed | 280/34 Vnimanaye 56416 81758 99741 ... 41905 72182 83973 extremely loud radar made further<br>listening impossible | USB | (AB)             |

|             |       |      |      |     |                                                                                                 |     |                       |
|-------------|-------|------|------|-----|-------------------------------------------------------------------------------------------------|-----|-----------------------|
| <b>S11a</b> | 9968  | 16-6 | 0445 | Thu | 791/31 Vnimanaye 84943 40864 27344 ... 23997 78453 74732 Vnimanaye (message repeated)<br>Konets | USB | (AB)                  |
| <b>S11a</b> | 9339  | 16-6 | 0700 | Thu | 478/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 6814  | 17-6 | 0915 | Fri | 480/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 7772  | 17-6 | 1400 | Fri | 424/35 Vnimanaye 86800 01507 48110 ... 29095 10273 48508 Vnimanaye (message repeated)<br>Konets | USB | (AB/MPJ-HNG)          |
| <b>S11a</b> | 5149  | 18-6 | 0830 | Sat | 370/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 12457 | 18-6 | 1850 | Sat | 280/34 Vnimanaye 56411 81758 99741 ... 76228 34862 97029 Vnimanaye (message repeated)<br>Konets | USB | (MPJ)                 |
| <b>S11a</b> | 5149  | 19-6 | 0830 | Sun | 371/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 13537 | 20-6 | 0510 | Mon | 652/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 6814  | 20-6 | 0915 | Mon | 487/34 Vnimanaye 41529 21494 55444 ... 26923 84964 54185 Vnimanaye (message repeated)<br>Konets | USB | (AB)                  |
| <b>S11a</b> | 9968  | 21-6 | 0445 | Tue | 793/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 15690 | 21-6 | 0500 | Tue | 385/00                                                                                          | USB | (AB-POL)              |
| <b>S11a</b> | 7772  | 21-6 | 1400 | Tue | 420/00                                                                                          | USB | (AB-POL/MPJ)          |
| <b>S11a</b> | 13537 | 22-6 | 0510 | Wed | 654/00                                                                                          | USB | (AB-POL)              |
| <b>S11a</b> | 12457 | 22-6 | 1850 | Wed | 282/00                                                                                          | USB | (AB/MPJ)              |
| <b>S11a</b> | 9968  | 23-6 | 0445 | Thu | 796/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 15690 | 23-6 | 0500 | Thu | 381/00                                                                                          | USB | (AB-POL)              |
| <b>S11a</b> | 9339  | 23-6 | 0700 | Thu | 472/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 6814  | 24-6 | 0915 | Fri | 487/34 Vnimanaye 41529 21494 55444 ... 26923 84964 54185 Vnimanaye (message repeated)<br>Konets | USB | (AB)                  |
| <b>S11a</b> | 7772  | 24-6 | 1400 | Fri | 429/00                                                                                          | USB | (AB/MPJ)              |
| <b>S11a</b> | 5149  | 25-6 | 0830 | Sat | 371/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 12457 | 25-6 | 1850 | Sat | 284/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 5149  | 26-6 | 0830 | Sun | 376/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 13537 | 27-6 | 0510 | Mon | 655/00                                                                                          | USB | (AB-POL)              |
| <b>S11a</b> | 9339  | 27-6 | 0700 | Mon | 478/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 6814  | 27-6 | 0915 | Mon | 485/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 9968  | 28-6 | 0445 | Tue | 799/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 15690 | 28-6 | 0500 | Tue | 387/31 Vnimanaye ... (too weak to copy)                                                         | USB | (AB-POL)              |
| <b>S11a</b> | 7772  | 28-6 | 1400 | Tue | 424/00                                                                                          | USB | (AB-POL/MPJ)          |
| <b>S11a</b> | 13537 | 29-6 | 0510 | Wed | 659/00                                                                                          | USB | (AB-POL)              |
| <b>S11a</b> | 12457 | 29-6 | 1850 | Wed | 287/00                                                                                          | USB | (AB/MPJ)              |
| <b>S11a</b> | 9968  | 30-6 | 0445 | Thu | 796/00                                                                                          | USB | (AB)                  |
| <b>S11a</b> | 15690 | 30-6 | 0500 | Thu | 385/31 Vnimanaye (unreadable)                                                                   | USB | (AB-POL)              |
| <b>S11a</b> | 9339  | 30-6 | 0700 | Thu | 476/00                                                                                          | USB | (AB)                  |
| <b>UM04</b> | 4735  | 29-6 | 0700 | Wed | VVV VVV PROMRÍ = 29 06 = 1000 0710 0740 0840 1210 ... 0800 0680 0710 0810 1120 = AR             | CW  | (AB-SVK)              |
| <b>UM10</b> | 3869  | 1-6  | 1857 | Wed | 10-minutes net: LH5N                                                                            | CW  | (JPL-RUS)             |
| <b>V07</b>  | 13479 | 5-6  | 0300 | Sun | 414 414 414 1 165 100 165 100 81068 11925 97647 ... 43385 58524 14558 000 000                   | USB | (Dan)                 |
| <b>V07</b>  | 13479 | 12-6 | 0300 | Sun | 414 414 414 1 8615 122 8615 122 88911 15128 29177 ... 02406 63854 14375 000 000                 | USB | (AVX-USA/Dan/HFD-USA) |



|            |       |      |      |     |                                                                                 |     |                   |
|------------|-------|------|------|-----|---------------------------------------------------------------------------------|-----|-------------------|
| <b>V07</b> | 12179 | 12-6 | 0320 | Sun | 414 414 414 1 8615 122 8615 122 88911 15128 29177 ... 02406 63854 14375 000 000 | USB | (AVX-USA/HFD-USA) |
| <b>V07</b> | 11479 | 12-6 | 0340 | Sun | 414 414 414 1 8615 122 8615 122 88911 15128 29177 ... 02406 63854 14375 000 000 | USB | (AVX-USA/HFD-USA) |
| <b>V13</b> | 7688  | 1-6  | 1330 | Wed | New Star Broadcasting station #1                                                | USB | (AB-TWN)          |
| <b>V13</b> | 11430 | 1-6  | 1330 | Wed | New Star Broadcasting station #1                                                | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 2-6  | 1200 | Thu | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 2-6  | 1200 | Thu | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 3-6  | 1158 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 3-6  | 1159 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 4-6  | 1200 | Sat | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 4-6  | 1200 | Sat | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 4-6  | 1230 | Sat | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 4-6  | 1230 | Sat | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 7688  | 4-6  | 1300 | Sat | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 11430 | 4-6  | 1300 | Sat | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 8-6  | 1200 | Wed | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 8-6  | 1200 | Wed | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 7688  | 8-6  | 1328 | Wed | New Star Broadcasting station #1                                                | USB | (AB-TWN)          |
| <b>V13</b> | 11430 | 8-6  | 1329 | Wed | New Star Broadcasting station #1                                                | USB | (AB-TWN)          |
| <b>V13</b> | 7688  | 10-6 | 1300 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 11430 | 10-6 | 1300 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 7688  | 10-6 | 1330 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 11430 | 10-6 | 1330 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 11-6 | 1330 | Sat | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 11-6 | 1330 | Sat | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 14-6 | 1200 | Tue | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 14-6 | 1200 | Tue | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 15-6 | 1200 | Wed | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 7688  | 15-6 | 1300 | Wed | New Star Broadcasting station 1                                                 | USB | (AB-TWN)          |
| <b>V13</b> | 11430 | 15-6 | 1300 | Wed | New Star Broadcasting station 1                                                 | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 17-6 | 1200 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 17-6 | 1200 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 17-6 | 1230 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 17-6 | 1230 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 7688  | 17-6 | 1330 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 11430 | 17-6 | 1330 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 21-6 | 1200 | Tue | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 21-6 | 1200 | Tue | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 7688  | 22-6 | 1330 | Wed | New Star Broadcasting station 1                                                 | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 23-6 | 1200 | Thu | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 23-6 | 1200 | Thu | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 9276  | 24-6 | 1200 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |
| <b>V13</b> | 13974 | 24-6 | 1200 | Fri | New Star Broadcasting                                                           | USB | (AB-TWN)          |

|      |       |      |      |     |                                                                                    |     |          |
|------|-------|------|------|-----|------------------------------------------------------------------------------------|-----|----------|
| V13  | 9276  | 24-6 | 1230 | Fri | New Star Broadcasting                                                              | USB | (AB-TWN) |
| V13  | 13974 | 24-6 | 1230 | Fri | New Star Broadcasting                                                              | USB | (AB-TWN) |
| V13  | 7688  | 24-6 | 1330 | Fri | New Star Broadcasting                                                              | USB | (AB-TWN) |
| V13  | 11430 | 24-6 | 1330 | Fri | New Star Broadcasting                                                              | USB | (AB-TWN) |
| V13  | 8169  | 25-6 | 0249 | Sat | New Star Broadcasting                                                              | AM  | (Anon)   |
| V13  | 13974 | 27-6 | 1200 | Mon | New Star Broadcasting                                                              | USB | (AB)     |
| V13  | 7688  | 27-6 | 1330 | Mon | New Star Broadcasting station 1                                                    | USB | (AB-TWN) |
| V13  | 11430 | 27-6 | 1330 | Mon | New Star Broadcasting station 1                                                    | USB | (AB-TWN) |
| V13  | 9276  | 28-6 | 1230 | Tue | New Star Broadcasting                                                              | USB | (AB-TWN) |
| V13  | 13974 | 28-6 | 1230 | Tue | New Star Broadcasting                                                              | USB | (AB-TWN) |
| V13  | 7688  | 28-6 | 1300 | Tue | New Star Broadcasting                                                              | AM  | (AB-TWN) |
| V13  | 11430 | 28-6 | 1300 | Tue | New Star Broadcasting                                                              | USB | (AB-TWN) |
| V13  | 13974 | 29-6 | 1200 | Wed | New Star Broadcasting. Carier only                                                 | USB | (AB-TWN) |
| V13  | 9276  | 30-6 | 1230 | Thu | New Star Broadcasting                                                              | USB | (AB-TWN) |
| V13  | 13974 | 30-6 | 1230 | Thu | New Star Broadcasting                                                              | USB | (AB-TWN) |
| V26  | 9054  | 7-6  | 2359 | Tue | Repeating Q26/M95 messages in Chinese voice                                        | USB | (JPL)    |
| VC01 | 4685  | 11-6 | 1335 | Sat | Chinese Air Defense a.k.a. Chinese Robot                                           | LSB | (AB)     |
| VC01 | 4685  | 14-6 | 1207 | Tue | Chinese Air Defense a.k.a. Chinese Robot                                           | LSB | (AB-TWN) |
| VC01 | 4832  | 15-6 | 1303 | Wed | Chinese Air Defense a.k.a. Chinese Robot                                           | LSB | (AB)     |
| VC01 | 9510  | 15-6 | 1303 | Wed | Chinese Air Defense a.k.a. Chinese Robot                                           | USB | (AB)     |
| VC01 | 9510  | 17-6 | 1207 | Fri | Chinese Air Defense a.k.a. Chinese Robot                                           | USB | (AB)     |
| VC01 | 4932  | 17-6 | 1232 | Fri | Chinese Air Defense a.k.a. Chinese Robot                                           | LSB | (AB)     |
| VC01 | 4685  | 21-6 | 1214 | Tue | Chinese Air Defense a.k.a. Chinese Robot                                           | LSB | (AB-TWN) |
| VC01 | 4685  | 24-6 | 1202 | Fri | Chinese Air Defense a.k.a. Chinese Robot                                           | LSB | (AB)     |
| VC01 | 4685  | 24-6 | 1329 | Fri | Chinese Air Defense a.k.a. Chinese Robot                                           | LSB | (AB)     |
| VC01 | 4685  | 28-6 | 1236 | Tue | Chinese Air Defense a.k.a. Chinese Robot                                           | LSB | (AB-TWN) |
| VC03 | 10144 | 8-6  | 0523 | Wed | i.p. 4103 5270 4101 ... 5273 4104 5474                                             | USB | (Anon)   |
| VC03 | 9877  | 8-6  | 0527 | Wed | i.p. 8160 1023 4078 ... 7048 4128 9253                                             | USB | (Anon)   |
| VC03 | 8572  | 10-6 | 0841 | Fri | i.p. 2154 3233 2153 ... 2154 0677 2154                                             | LSB | (Anon)   |
| VC03 | 8772  | 10-6 | 0845 | Fri | i.p. 2530 2161 6667 ... 2153 6748 2161                                             | LSB | (Anon)   |
| VC03 | 8779  | 11-6 | 1133 | Sat | i.p. 3127 5101 1816 ... 3737 5102 6101                                             | LSB | (Anon)   |
| VC03 | 7846  | 12-6 | 0715 | Sun | i.p. 1389 6169 0621 ... 9870 3824 3460                                             | LSB | (Anon)   |
| VC03 | 8708  | 13-6 | 0322 | Mon | i.p. 4876 5632 4321 ... 2580 7649 6487                                             | LSB | (Anon)   |
| VC03 | 9391  | 14-6 | 0556 | Tue | i.p. 1237 5738 5133 ... 1257 2564 8564                                             | USB | (Anon)   |
| VC03 | 9423  | 14-6 | 0559 | Tue | i.p. 0834 4693 5460 ... 1478 8174 9643                                             | USB | (Anon)   |
| VC03 | 9423  | 14-6 | 0603 | Tue | 0614 1350 9388 43 9536 1625 3268 9310 ... 9504 9348 2905                           | USB | (Anon)   |
| VC03 | 9452  | 14-6 | 0604 | Tue | 0614 1350 3352 3390 289 2325001 ... 5102 3320 5104                                 | USB | (Anon)   |
| VC03 | 7126  | 16-6 | 0114 | Thu | i.p. 7662 4949 3050 ... 9110 7443 8574 (+ unreadable conversation)                 | USB | (Anon)   |
| VC03 | 10187 | 21-6 | 0646 | Tue | 3637 38 2062 3999 27 6621 1440 9008 9112 44 4345 4816 3814 8325 ... 6783 3562 6203 | USB | (Anon)   |
| VC03 | 12008 | 21-6 | 0658 | Tue | i.p. 4563 8120 4579 ... 4503 0142 9517                                             | USB | (Anon)   |
| VC03 | 10187 | 21-6 | 0705 | Tue | i.p. 4962 4653 7834 ... 4069 3142 4821                                             | USB | (Anon)   |
| VC03 | 9513  | 22-6 | 0519 | Wed | i.p. 2618 0972 8150 ... 1598 1462 7831                                             | LSB | (Anon)   |

|      |       |      |      |     |                                                                                                        |        |         |
|------|-------|------|------|-----|--------------------------------------------------------------------------------------------------------|--------|---------|
| VC03 | 9412  | 22-6 | 0520 | Wed | i.p. 1919 5102 3620 ... 5103 3333 5103                                                                 | USB    | (Anon)  |
| VC03 | 9513  | 22-6 | 0525 | Wed | i.p. 76 1323 89 49 90 3637 38 2078 39 81 0622 1300 44 9098 9114 4245 1604 6973 ... 3752 3564 5329 6532 | USB    | (Anon)  |
| VC03 | 9426  | 22-6 | 0541 | Wed | 3180 3956 1613 ... 1478 8174 4928                                                                      | USB    | (Anon)  |
| VC03 | 11475 | 25-6 | 0306 | Sat | i.p. 2838 0591 1683 ... 1128 2154 7480                                                                 | LSB    | (Anon)  |
| VC03 | 9457  | 28-6 | 0312 | Tue | i.p. 1249 9763 1480 ... 1320 7139 0608 185, 185, 199, 199 (Different ending than usually)              | LSB    | (Anon)  |
| X06  | 12150 | 1-6  | 0642 | Wed | MFA Moscow clg 256341: Russian embassy Beirut                                                          | MFSK-6 | (RO)    |
| X06  | 12150 | 1-6  | 0642 | Wed | MFA Moscow clg 256341: Russian embassy Beirut                                                          | MFSK-6 | (RO)    |
| X06  | 14631 | 1-6  | 0834 | Wed | MFA Moscow clg 362154: Russian embassy Athens                                                          | MFSK-6 | (RO)    |
| X06  | 16115 | 1-6  | 1104 | Wed | MFA Moscow clg 215346: Russian Consulate General Mumbai                                                | MFSK-6 | (AB/RO) |
| X06  | 16115 | 1-6  | 1119 | Wed | MFA Moscow clg 215346: Russian Consulate General Mumbai                                                | MFSK-6 | (Moon)  |
| X06  | 17506 | 1-6  | 1236 | Wed | MFA Moscow clg 231654: Russian embassy Abuja                                                           | MFSK-6 | (Moon)  |
| X06  | 19511 | 2-6  | 0721 | Thu | MFA Moscow clg 314265: Russian embassy Antananarivo                                                    | MFSK-6 | (RO)    |
| X06  | 13448 | 2-6  | 0733 | Thu | MFA Moscow clg 162543: Russian embassy Nicosia                                                         | MFSK-6 | (RO)    |
| X06  | 14950 | 2-6  | 0838 | Thu | MFA Moscow clg 352416: Russian embassy Dar es Salaam                                                   | MFSK-6 | (RO)    |
| X06  | 14950 | 2-6  | 0842 | Thu | MFA Moscow clg 352416: Russian embassy Dar es Salaam                                                   | MFSK-6 | (AB)    |
| X06  | 19405 | 2-6  | 0857 | Thu | MFA Moscow clg 352416: Russian embassy Dar es Salaam                                                   | MFSK-6 | (RO)    |
| X06  | 18197 | 2-6  | 0927 | Thu | MFA Moscow clg 645321: Russian Consulate General Ho Chi Minh City                                      | MFSK-6 | (RO)    |
| X06  | 14570 | 3-6  | 0827 | Fri | MFA Moscow clg 324615: Russian embassy Madrid                                                          | MFSK-6 | (RO)    |
| X06  | 13547 | 3-6  | 1026 | Fri | MFA Moscow clg 625413: Russian embassy Tel Aviv                                                        | MFSK-6 | (RO)    |
| X06  | 13452 | 6-6  | 0653 | Mon | MFA Moscow clg 165324: Russian embassy Vienna                                                          | MFSK-6 | (Moon)  |
| X06  | 13452 | 6-6  | 0655 | Mon | MFA Moscow clg 165324: Russian embassy Vienna                                                          | MFSK-6 | (PP1)   |
| X06  | 12152 | 6-6  | 0745 | Mon | MFA Moscow clg 432516: Russian embassy Bern                                                            | MFSK-6 | (Moon)  |
| X06  | 14392 | 6-6  | 0840 | Mon | MFA Moscow clg 532614: Russian embassy Paris                                                           | MFSK-6 | (Moon)  |
| X06  | 14615 | 7-6  | 0855 | Tue | MFA Moscow clg 125643: Russian embassy Ulanbatar                                                       | MFSK-6 | (Moon)  |
| X06  | 18591 | 8-6  | 0737 | Wed | MFA Moscow clg 435621: Russian embassy Maputo                                                          | MFSK-6 | (RO)    |
| X06  | 10814 | 8-6  | 0752 | Wed | MFA Moscow clg 412356: Russian embassy Budapest                                                        | MFSK-6 | (RO)    |
| X06  | 18177 | 8-6  | 0801 | Wed | MFA Moscow clg 164253: Russian embassy Addis Ababa                                                     | MFSK-6 | (RO)    |
| X06  | 13419 | 8-6  | 0809 | Wed | MFA Moscow clg 465132: Russian embassy Sofia                                                           | MFSK-6 | (RO)    |
| X06  | 13441 | 8-6  | 0815 | Wed | MFA Moscow clg 263145: Russian embassy Prague                                                          | MFSK-6 | (RO)    |
| X06  | 7988  | 9-6  | 0746 | Thu | MFA Moscow clg 561243: Russian embassy Helsinki                                                        | MFSK-6 | (RO)    |
| X06  | 9065  | 9-6  | 0755 | Thu | MFA Moscow clg 561243: Russian embassy Helsinki                                                        | MFSK-6 | (RO)    |
| X06  | 16153 | 9-6  | 0808 | Thu | MFA Moscow clg 153624: Russian embassy Damascus                                                        | MFSK-6 | (RO)    |
| X06  | 13506 | 9-6  | 0951 | Thu | MFA Moscow clg 164532: Russian embassy Dublin                                                          | MFSK-6 | (RO)    |
| X06  | 10560 | 9-6  | 1051 | Thu | 666132                                                                                                 | MFSK-6 | (RO)    |
| X06  | 10550 | 9-6  | 1059 | Thu | 666132                                                                                                 | MFSK-6 | (RO)    |
| X06  | 23856 | 9-6  | 1117 | Thu | 666132                                                                                                 | MFSK-6 | (T101)  |
| X06  | 13510 | 10-6 | 0456 | Fri | MFA Moscow clg 216435: Russian embassy Dhaka                                                           | MFSK-6 | (PP1)   |
| X06  | 13420 | 14-6 | 0759 | Tue | MFA Moscow clg 534216: Russian embassy Baghdad                                                         | MFSK-6 | (RO)    |
| X06  | 17253 | 14-6 | 0759 | Tue | MFA Moscow clg 542136: Russian embassy Beijing                                                         | MFSK-6 | (RO)    |
| X06  | 14861 | 14-6 | 0828 | Tue | MFA Moscow clg 542136: Russian embassy Beijing                                                         | MFSK-6 | (RO)    |
| X06  | 17468 | 16-6 | 1332 | Thu | MFA Moscow clg 436512: Russian embassy Harare                                                          | MFSK-6 | (RO)    |

|      |       |      |      |     |                                                       |              |           |
|------|-------|------|------|-----|-------------------------------------------------------|--------------|-----------|
| X06  | 14824 | 17-6 | 1113 | Fri | MFA Moscow clg 625413: Russian embassy Tel Aviv       | MFSK-6       | (RO)      |
| X06  | 10175 | 20-6 | 0704 | Mon | MFA Moscow clg 263514: unid embassy                   | MFSK-6       | (RO/Moon) |
| X06  | 11638 | 20-6 | 0704 | Mon | MFA Moscow clg 165324: Russian embassy Vienna         | MFSK-6       | (RO)      |
| X06  | 13415 | 20-6 | 0724 | Mon | MFA Moscow clg 263514: unid embassy                   | MFSK-6       | (RO)      |
| X06  | 12152 | 20-6 | 0756 | Mon | MFA Moscow clg 432516: Russian embassy Bern           | MFSK-6       | (RO)      |
| X06  | 12152 | 20-6 | 0756 | Mon | MFA Moscow clg 432516: Russian embassy Bern           | MFSK-6       | (AB)      |
| X06  | 14615 | 21-6 | 0819 | Tue | MFA Moscow clg 125643: Russian embassy Ulaanbaatar    | MFSK-6       | (RO)      |
| X06  | 14615 | 21-6 | 0820 | Tue | MFA Moscow clg 125643: Russian embassy Ulanbatar      | MFSK-6       | (AB)      |
| X06  | 12157 | 21-6 | 0827 | Tue | MFA Moscow clg 165423: Russian embassy Brussels       | MFSK-6       | (RO)      |
| X06  | 12157 | 21-6 | 0832 | Tue | MFA Moscow clg 165423: Russian embassy Brussels       | MFSK-6       | (AB)      |
| X06  | 12100 | 21-6 | 0835 | Tue | 123456 test                                           | MFSK-6       | (AB/Anon) |
| X06  | 9061  | 22-6 | 0736 | Wed | MFA Moscow clg 412356: Russian embassy Budapest       | MFSK-6       | (RO)      |
| X06  | 9061  | 22-6 | 0738 | Wed | MFA Moscow clg 412356: Russian embassy Budapest       | MFSK-6       | (AB)      |
| X06  | 20950 | 22-6 | 0743 | Wed | MFA Moscow clg 435621: Russian embassy Maputo         | MFSK-6       | (RO)      |
| X06  | 18177 | 22-6 | 0802 | Wed | MFA Moscow clg 164253: Russian embassy Addis Ababa    | MFSK-6       | (RO)      |
| X06  | 18177 | 22-6 | 0804 | Wed | MFA Moscow clg 164253: Russian embassy Addis Ababa    | MFSK-6       | (AB)      |
| X06  | 13419 | 22-6 | 0808 | Wed | MFA Moscow clg 465132: Russian embassy Sofia          | MFSK-6       | (RO)      |
| X06  | 13985 | 22-6 | 0901 | Wed | MFA Moscow clg 134265: Russian embassy Tunis          | MFSK-6       | (RO)      |
| X06  | 13510 | 24-6 | 0522 | Fri | MFA Moscow clg 216435: Russian embassy Dhaka          | MFSK-6       | (RO)      |
| X06  | 10127 | 27-6 | 0810 | Mon | MFA Moscow clg 421635: Russian embassy Oslo           | MFSK-6       | (RO)      |
| X06  | 17475 | 27-6 | 0824 | Mon | MFA Moscow clg 156234: Russian embassy Kampala        | MFSK-6       | (RO)      |
| X06  | 20690 | 27-6 | 0847 | Mon | MFA Moscow clg 156234: Russian embassy Kampala        | MFSK-6       | (RO)      |
| X06  | 20690 | 27-6 | 0854 | Mon | MFA Moscow clg 156234: Russian embassy Kampala        | MFSK-6       | (AB)      |
| X06  | 16117 | 27-6 | 0935 | Mon | MFA Moscow clg 463125: Russian embassy Rabat          | MFSK-6       | (RO/Moon) |
| X06  | 20690 | 27-6 | 0940 | Mon | MFA Moscow clg 156234: Russian embassy Kampala        | MFSK-6       | (RO/Moon) |
| X06  | 15656 | 27-6 | 1252 | Mon | MFA Moscow clg 364152: Russian embassy New Delhi      | MFSK-6       | (RO/Moon) |
| X06  | 13467 | 27-6 | 1257 | Mon | MFA Moscow clg 364152: Russian embassy New Delhi      | MFSK-6       | (Moon)    |
| X06  | 14861 | 28-6 | 0822 | Tue | MFA Moscow clg 534216: Russian embassy Beijing        | MFSK-6       | (T101)    |
| X06d | 11250 | 8-6  | 0758 | Wed | 111111                                                | CW           | (RO)      |
| X06d | 14880 | 8-6  | 0813 | Wed | 111111                                                | CW           | (RO)      |
| X06d | 12176 | 8-6  | 1017 | Wed | 111111                                                | CW           | (RO)      |
| XPA1 | 13545 | 1-6  | 1210 | Wed | 511 511 511 1 00817 00098 61454 ... 08751 46097 15124 | MFSK-20/10bd | (AB/HFD)  |
| XPA1 | 12145 | 1-6  | 1230 | Wed | 511 511 511 1 00817 00098 61454 ... 08751 46097 15124 | MFSK-20/10bd | (AB/HFD)  |
| XPA1 | 11145 | 1-6  | 1250 | Wed | 511 511 511 1 00817 00098 61454 ... 08751 46097 15124 | MFSK-20/10bd | (AB/HFD)  |
| XPA1 | 11421 | 2-6  | 0710 | Thu | 976 976 976 1 00502 00104 85979 ... 31203 15542 52470 | MFSK-20/10bd | (AB)      |
| XPA1 | 12151 | 2-6  | 0730 | Thu | 976 976 976 1 00502 00104 85979 ... 31203 15542 52470 | MFSK-20/10bd | (AB)      |
| XPA1 | 13972 | 2-6  | 0750 | Thu | 976 976 976 1 00502 00104 85979 ... 31203 15542 52470 | MFSK-20/10bd | (AB)      |
| XPA1 | 13545 | 3-6  | 1210 | Fri | 511 511 511 1 00817 00098 61454 ...751 46097 15124    | MFSK-20/10Bd | (AB/MPJ)  |
| XPA1 | 12145 | 3-6  | 1230 | Fri | 511 511 511 1 00817 00098 61454 ...751 46097 15124    | MFSK-20/10Bd | (AB/MPJ)  |
| XPA1 | 11145 | 3-6  | 1250 | Fri | 511 511 511 1 00817 00098 61454 ...751 46097 15124    | MFSK-20/10Bd | (AB/MPJ)  |
| XPA1 | 11421 | 7-6  | 0710 | Tue | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB/HFD)  |
| XPA1 | 12151 | 7-6  | 0730 | Tue | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB/HFD)  |

|      |       |      |      |     |                                                       |              |          |
|------|-------|------|------|-----|-------------------------------------------------------|--------------|----------|
| XPA1 | 13972 | 7-6  | 0750 | Tue | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB/HFD) |
| XPA1 | 13545 | 8-6  | 1210 | Wed | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB)     |
| XPA1 | 12145 | 8-6  | 1230 | Wed | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB)     |
| XPA1 | 11145 | 8-6  | 1250 | Wed | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB)     |
| XPA1 | 11421 | 9-6  | 0710 | Thu | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB)     |
| XPA1 | 12151 | 9-6  | 0730 | Thu | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB)     |
| XPA1 | 13972 | 9-6  | 0750 | Thu | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB)     |
| XPA1 | 13545 | 10-6 | 1210 | Fri | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB)     |
| XPA1 | 12145 | 10-6 | 1230 | Fri | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB)     |
| XPA1 | 11145 | 10-6 | 1250 | Fri | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB)     |
| XPA1 | 11421 | 14-6 | 0710 | Tue | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB)     |
| XPA1 | 12151 | 14-6 | 0730 | Tue | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB)     |
| XPA1 | 13972 | 14-6 | 0750 | Tue | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB)     |
| XPA1 | 13545 | 15-6 | 1210 | Wed | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB)     |
| XPA1 | 12145 | 15-6 | 1230 | Wed | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB)     |
| XPA1 | 11145 | 15-6 | 1250 | Wed | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB)     |
| XPA1 | 11421 | 16-6 | 0710 | Thu | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB)     |
| XPA1 | 12151 | 16-6 | 0730 | Thu | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB)     |
| XPA1 | 13972 | 16-6 | 0750 | Thu | 976 976 976 1 00445 00138 85557 ... 80343 61506 04761 | MFSK-20/10bd | (AB)     |
| XPA1 | 13545 | 17-6 | 1210 | Fri | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB/MPJ) |
| XPA1 | 12145 | 17-6 | 1230 | Fri | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB/MPJ) |
| XPA1 | 11145 | 17-6 | 1250 | Fri | 511 511 511 1 00767 00102 64359 ... 85152 05717 77100 | MFSK-20/10bd | (AB/MPJ) |
| XPA1 | 11421 | 21-6 | 0710 | Tue | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd | (AB)     |
| XPA1 | 12151 | 21-6 | 0730 | Tue | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd | (AB)     |
| XPA1 | 13972 | 21-6 | 0750 | Tue | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd | (AB)     |
| XPA1 | 13545 | 22-6 | 1210 | Wed | 511 511 511 1 06028 00126 28587 ... 00162 30847 23034 | MFSK-20/10bd | (AB)     |
| XPA1 | 12145 | 22-6 | 1230 | Wed | 511 511 511 1 06028 00126 28587 ... 00162 30847 23034 | MFSK-20/10bd | (AB)     |
| XPA1 | 11145 | 22-6 | 1250 | Wed | 511 511 511 1 06028 00126 28587 ... 00162 30847 23034 | MFSK-20/10bd | (AB)     |
| XPA1 | 11421 | 23-6 | 0710 | Thu | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd | (AB)     |
| XPA1 | 12151 | 23-6 | 0730 | Thu | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd | (AB)     |
| XPA1 | 13972 | 23-6 | 0750 | Thu | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd | (AB)     |
| XPA1 | 13545 | 24-6 | 1210 | Fri | 511 511 511 1 06028 00126 28587 ... 00162 30847 23034 | MFSK-20/10bd | (AB)     |
| XPA1 | 12145 | 24-6 | 1230 | Fri | 511 511 511 1 06028 00126 28587 ... 00162 30847 23034 | MFSK-20/10bd | (AB)     |
| XPA1 | 11145 | 24-6 | 1250 | Fri | 511 511 511 1 06028 00126 28587 ... 00162 30847 23034 | MFSK-20/10bd | (AB)     |
| XPA1 | 11421 | 28-6 | 0710 | Tue | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd | (AB)     |
| XPA1 | 12151 | 28-6 | 0730 | Tue | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd | (AB)     |
| XPA1 | 13972 | 28-6 | 0750 | Tue | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd | (AB)     |
| XPA1 | 13545 | 29-6 | 1210 | Wed | 511 511 511 1 06028 00126 28587 ... 00162 30847 23034 | MFSK-20/10bd | (AB/MPJ) |
| XPA1 | 12145 | 29-6 | 1230 | Wed | 511 511 511 1 06028 00126 28587 ... 00162 30847 23034 | MFSK-20/10bd | (AB/MPJ) |
| XPA1 | 11145 | 29-6 | 1250 | Wed | 511 511 511 1 06028 00126 28587 ... 00162 30847 23034 | MFSK-20/10bd | (AB/MPJ) |
| XPA1 | 11421 | 30-6 | 0710 | Thu | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd | (AB)     |
| XPA1 | 12151 | 30-6 | 0730 | Thu | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd | (AB)     |



|             |       |      |      |     |                                                       |                 |              |
|-------------|-------|------|------|-----|-------------------------------------------------------|-----------------|--------------|
| <b>XPA1</b> | 13972 | 30-6 | 0750 | Thu | 976 976 976 1 01694 00126 81105 ... 53466 10167 51332 | MFSK-20/10bd    | (AB)         |
| <b>XPA2</b> | 12148 | 1-6  | 0700 | Wed | 00202 00108 79066 ... 18782 43002 41220               | MFSK-16/20Bd    | (AB)         |
| <b>XPA2</b> | 13448 | 1-6  | 0720 | Wed | 00202 00108 79066 ... 18782 43002 41220               | MFSK-16/20Bd    | (AB)         |
| <b>XPA2</b> | 13948 | 1-6  | 0740 | Wed | 00202 00108 79066 ... 18782 43002 41220               | MFSK-16/20Bd    | (AB)         |
| <b>XPA2</b> | 17417 | 1-6  | 0910 | Wed | 06944 00159 03278 ... 36075 63941 76256               | MFSK-16/20Bd    | (AB)         |
| <b>XPA2</b> | 15812 | 1-6  | 0930 | Wed | 06944 00159 03278 ... 36075 63941 76256               | MFSK-16/20Bd    | (AB)         |
| <b>XPA2</b> | 14504 | 1-6  | 0950 | Wed | 06944 00159 03278 ... 36075 63941 76256               | MFSK-16/20Bd    | (AB)         |
| <b>XPA2</b> | 15982 | 1-6  | 1100 | Wed | 08593 00001 00000 35271                               | MFSK-16/20Bd    | (AB/HFD)     |
| <b>XPA2</b> | 14982 | 1-6  | 1120 | Wed | 08593 00001 00000 35271                               | MFSK-16/20Bd    | (AB/HFD)     |
| <b>XPA2</b> | 13882 | 1-6  | 1140 | Wed | 08593 00001 00000 35271                               | MFSK-16/20Bd    | (AB/HFD)     |
| <b>XPA2</b> | 13462 | 1-6  | 2100 | Wed | 05887 00214 62865 ... 60103 37030 32371               | MFSK-16/20Bd    | (AB/HFD)     |
| <b>XPA2</b> | 12162 | 1-6  | 2120 | Wed | 05887 00214 62865 ... 60103 37030 32371               | MFSK-16/20Bd    | (AB/HFD)     |
| <b>XPA2</b> | 10223 | 1-6  | 2140 | Wed | 05887 00214 62865 ... 60103 37030 32371               | MFSK-16/20Bd    | (AB/HFD)     |
| <b>XPA2</b> | 10315 | 2-6  | 0500 | Thu | 05859 00001 00000 41662                               | MFSK-16/20bd    | (AB)         |
| <b>XPA2</b> | 11115 | 2-6  | 0520 | Thu | 05859 00001 00000 41662                               | MFSK-16/20bd    | (AB)         |
| <b>XPA2</b> | 12215 | 2-6  | 0540 | Thu | 05859 00001 00000 41662                               | MFSK-16/10bd    | (AB)         |
| <b>XPA2</b> | 13527 | 2-6  | 0910 | Thu | 08150 00087 68704 ... 09211 49902 53726               | MFSK-16/20bd    | (AB/HFD)     |
| <b>XPA2</b> | 12227 | 2-6  | 0930 | Thu | 08150 00087 68704 ... 09211 49902 53726               | MFSK-16/20bd    | (AB/HFD)     |
| <b>XPA2</b> | 11427 | 2-6  | 0950 | Thu | 08150 00087 68704 ... 09211 49902 53726               | MFSK-16/20bd    | (AB/HFD)     |
| <b>XPA2</b> | 15982 | 2-6  | 1100 | Thu | 03945 00001 00000 40257                               | MFSK-16/20bd    | (AB)         |
| <b>XPA2</b> | 14982 | 2-6  | 1120 | Thu | 03945 00001 00000 40257                               | MFSK-16/20bd    | (AB)         |
| <b>XPA2</b> | 13882 | 2-6  | 1140 | Thu | 03945 00001 00000 40257                               | MFSK-16/20bd    | (AB)         |
| <b>XPA2</b> | 13417 | 2-6  | 1600 | Thu | 07733 00001 00000 36262                               | MFSK-16/20bd    | (AB/MPJ/HFD) |
| <b>XPA2</b> | 14817 | 2-6  | 1620 | Thu | 07733 00001 00000 36262                               | MFSK-16/20bd    | (AB/MPJ/HFD) |
| <b>XPA2</b> | 15917 | 2-6  | 1640 | Thu | 07733 00001 00000 36262                               | MFSK-16/20bd    | (AB/MPJ/HFD) |
| <b>XPA2</b> | 15874 | 3-6  | 1100 | Fri | 00821 00094 15817 ... 72056 15971 07626               | MFSK-16/20Bd    | (AB/MPJ)     |
| <b>XPA2</b> | 14474 | 3-6  | 1120 | Fri | 00821 00094 15817 ... 72056 15971 07626               | MFSK-16/20Bd    | (AB/MPJ)     |
| <b>XPA2</b> | 13374 | 3-6  | 1140 | Fri | 00821 00094 15817 ... 72056 15971 07626               | MFSK-16/20Bd    | (AB/MPJ)     |
| <b>XPA2</b> | 13462 | 3-6  | 2100 | Fri | 05887 00214 62865 ... 60103 37030 32371               | MFSK-16/20Bd    | (AB/HFD)     |
| <b>XPA2</b> | 12162 | 3-6  | 2120 | Fri | 05887 00214 62865 ... 60103 37030 32371               | MFSK-16/20Bd    | (AB/HFD)     |
| <b>XPA2</b> | 11562 | 3-6  | 2140 | Fri | 05887 00214 62865 ... 60103 37030 32371               | MFSK-16/20Bd    | (AB/HFD)     |
| <b>XPA2</b> | 13527 | 4-6  | 0910 | Sat | 08150 00087 68704 ... 09211 49902 53726               | MFSK-16/20bd    | (AB)         |
| <b>XPA2</b> | 12227 | 4-6  | 0930 | Sat | 08150 00087 68704 ... 09211 49902 53726               | MFSK-16/20bd    | (AB)         |
| <b>XPA2</b> | 11427 | 4-6  | 0950 | Sat | 08150 00087 68704 ... 09211 49902 53726               | MFSK-16/20bd    | (AB)         |
| <b>XPA2</b> | 14892 | 4-6  | 1500 | Sat | 05664 00001 00000 36263                               | MFSK-16/20bd    | (AB/HFD)     |
| <b>XPA2</b> | 13492 | 4-6  | 1520 | Sat | 05664 00001 00000 36263                               | MFSK-16/20bd    | (AB/HFD)     |
| <b>XPA2</b> | 12192 | 4-6  | 1540 | Sat | 05664 00001 00000 36263                               | MFSK-16/20bd    | (AB/HFD)     |
| <b>XPA2</b> | 13373 | 5-6  | 0800 | Sun | Null message                                          | MFSK16/20Bd kHz | (Subilo)     |
| <b>XPA2</b> | 13973 | 5-6  | 0820 | Sun | Null message                                          | MFSK16/20Bd kHz | (Subilo)     |
| <b>XPA2</b> | 14973 | 5-6  | 0840 | Sun | Null message                                          | MFSK16/20Bd kHz | (Subilo)     |
| <b>XPA2</b> | 13427 | 5-6  | 2100 | Sun | 00532 00182 83761 ... 55394 39216 63501               | MFSK-16/20Bd    | (AB/HFD)     |
| <b>XPA2</b> | 12227 | 5-6  | 2120 | Sun | 00532 00182 83761 ... 55394 39216 63501               | MFSK-16/20Bd    | (AB/HFD)     |

|      |       |     |      |     |                                         |              |              |
|------|-------|-----|------|-----|-----------------------------------------|--------------|--------------|
| XPA2 | 10827 | 5-6 | 2140 | Sun | 00532 00182 83761 ... 55394 39216 63501 | MFSK-16/20Bd | (AB/HFD)     |
| XPA2 | 12148 | 6-6 | 0700 | Mon | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd | (AB/HFD)     |
| XPA2 | 13448 | 6-6 | 0720 | Mon | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd | (AB/HFD)     |
| XPA2 | 13948 | 6-6 | 0740 | Mon | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd | (AB/HFD)     |
| XPA2 | 17417 | 6-6 | 0910 | Mon | 01106 00001 00000 34651                 | MFSK-16/20Bd | (AB/HFD)     |
| XPA2 | 15812 | 6-6 | 0930 | Mon | 01106 00001 00000 34651                 | MFSK-16/20Bd | (AB/HFD)     |
| XPA2 | 14504 | 6-6 | 0950 | Mon | 01106 00001 00000 34651                 | MFSK-16/20Bd | (AB/HFD)     |
| XPA2 | 14892 | 6-6 | 1500 | Mon | 00681 00317 28547 ... 96212 55205 32031 | MFSK-16/20bd | (AB)         |
| XPA2 | 13492 | 6-6 | 1520 | Mon | 00681 00317 28547 ... 96212 55205 32031 | MFSK-16/20bd | (AB)         |
| XPA2 | 12192 | 6-6 | 1540 | Mon | 00681 00317 28547 ... 96212 55205 32031 | MFSK-16/20bd | (AB)         |
| XPA2 | 10315 | 7-6 | 0500 | Tue | 04980 00401 60423 ... 18039 58024 63026 | MFSK-16/20bd | (AB/HFD)     |
| XPA2 | 11115 | 7-6 | 0520 | Tue | 04980 00401 60423 ... 18039 58024 63026 | MFSK-16/20bd | (AB/HFD)     |
| XPA2 | 12215 | 7-6 | 0540 | Tue | 04980 00401 60423 ... 18039 58024 63026 | MFSK-16/10bd | (AB/HFD)     |
| XPA2 | 15874 | 7-6 | 1100 | Tue | 00821 00094 15817 ... 72056 15971 07626 | MFSK-16/20Bd | (AB/MPJ/HFD) |
| XPA2 | 14474 | 7-6 | 1120 | Tue | 00821 00094 15817 ... 72056 15971 07626 | MFSK-16/20Bd | (AB/MPJ/HFD) |
| XPA2 | 13374 | 7-6 | 1140 | Tue | 00821 00094 15817 ... 72056 15971 07626 | MFSK-16/20Bd | (AB/MPJ/HFD) |
| XPA2 | 13417 | 7-6 | 1600 | Tue | 05786 00243 56108 ... 48117 18532 30246 | MFSK-16/20bd | (AB)         |
| XPA2 | 14817 | 7-6 | 1620 | Tue | 05786 00243 56108 ... 48117 18532 30246 | MFSK-16/20bd | (AB)         |
| XPA2 | 15917 | 7-6 | 1640 | Tue | 05786 00243 56108 ... 48117 18532 30246 | MFSK-16/20bd | (AB)         |
| XPA2 | 13427 | 7-6 | 2100 | Tue | 00813 00204 27875 ... 81848 03542 10715 | MFSK-16/20Bd | (AB)         |
| XPA2 | 12227 | 7-6 | 2120 | Tue | 00813 00204 27875 ... 81848 03542 10715 | MFSK-16/20Bd | (AB/RL)      |
| XPA2 | 10827 | 7-6 | 2140 | Tue | 00813 00204 27875 ... 81848 03542 10715 | MFSK-16/20Bd | (AB/RL)      |
| XPA2 | 12148 | 8-6 | 0700 | Wed | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd | (AB)         |
| XPA2 | 13448 | 8-6 | 0720 | Wed | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd | (AB)         |
| XPA2 | 13948 | 8-6 | 0740 | Wed | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd | (AB)         |
| XPA2 | 17417 | 8-6 | 0910 | Wed | 08521 00001 00000 34262                 | MFSK-16/20Bd | (AB)         |
| XPA2 | 15812 | 8-6 | 0930 | Wed | 08521 00001 00000 34262                 | MFSK-16/20Bd | (AB)         |
| XPA2 | 14504 | 8-6 | 0950 | Wed | 08521 00001 00000 34262                 | MFSK-16/20Bd | (AB)         |
| XPA2 | 15982 | 8-6 | 1100 | Wed | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20Bd | (AB)         |
| XPA2 | 14982 | 8-6 | 1120 | Wed | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20Bd | (AB)         |
| XPA2 | 13882 | 8-6 | 1140 | Wed | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20Bd | (AB)         |
| XPA2 | 13462 | 8-6 | 2100 | Wed | 00553 00186 65665 ... 02055 59447 17613 | MFSK-16/20Bd | (AB)         |
| XPA2 | 12162 | 8-6 | 2120 | Wed | 00553 00186 65665 ... 02055 59447 17613 | MFSK-16/20Bd | (AB/RL)      |
| XPA2 | 10223 | 8-6 | 2140 | Wed | 00553 00186 65665 ... 02055 59447 17613 | MFSK-16/20Bd | (AB/RL)      |
| XPA2 | 10315 | 9-6 | 0500 | Thu | 04980 00401 60423 ... 18039 58024 63026 | MFSK-16/20bd | (AB)         |
| XPA2 | 11115 | 9-6 | 0520 | Thu | 04980 00401 60423 ... 18039 58024 63026 | MFSK-16/20bd | (AB)         |
| XPA2 | 12215 | 9-6 | 0540 | Thu | 04980 00401 60423 ... 18039 58024 63026 | MFSK-16/10bd | (AB)         |
| XPA2 | 13527 | 9-6 | 0910 | Thu | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd | (AB)         |
| XPA2 | 12227 | 9-6 | 0930 | Thu | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd | (AB)         |
| XPA2 | 11427 | 9-6 | 0950 | Thu | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd | (AB)         |
| XPA2 | 15982 | 9-6 | 1100 | Thu | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20bd | (AB/MPJ)     |
| XPA2 | 14982 | 9-6 | 1120 | Thu | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20bd | (AB/MPJ)     |



|      |       |      |      |     |                                         |                 |          |
|------|-------|------|------|-----|-----------------------------------------|-----------------|----------|
| XPA2 | 13882 | 9-6  | 1140 | Thu | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 13417 | 9-6  | 1600 | Thu | 05786 00243 56108 ... 48117 18532 30246 | MFSK-16/20bd    | (AB)     |
| XPA2 | 14817 | 9-6  | 1620 | Thu | 05786 00243 56108 ... 48117 18532 30246 | MFSK-16/20bd    | (AB)     |
| XPA2 | 15917 | 9-6  | 1640 | Thu | 05786 00243 56108 ... 48117 18532 30246 | MFSK-16/20bd    | (AB)     |
| XPA2 | 13373 | 10-6 | 0800 | Fri | 09179 00001 00000 36270                 | MFSK16/20Bd kHz | (AB/HFD) |
| XPA2 | 13973 | 10-6 | 0820 | Fri | 09179 00001 00000 36270                 | MFSK16/20Bd kHz | (AB/HFD) |
| XPA2 | 14973 | 10-6 | 0840 | Fri | 09179 00001 00000 36270                 | MFSK16/20Bd kHz | (AB/HFD) |
| XPA2 | 15874 | 10-6 | 1100 | Fri | 00821 00094 15817 ... 72056 15971 07626 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 14474 | 10-6 | 1120 | Fri | 00821 00094 15817 ... 72056 15971 07626 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 13374 | 10-6 | 1140 | Fri | 00821 00094 15817 ... 72056 15971 07626 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 13462 | 10-6 | 2100 | Fri | 00553 00186 65665 ... 02055 59447 17613 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 12162 | 10-6 | 2120 | Fri | 00553 00186 65665 ... 02055 59447 17613 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 10223 | 10-6 | 2140 | Fri | 00553 00186 65665 ... 02055 59447 17613 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13527 | 11-6 | 0910 | Sat | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12227 | 11-6 | 0930 | Sat | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd    | (AB)     |
| XPA2 | 11427 | 11-6 | 0950 | Sat | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd    | (AB)     |
| XPA2 | 14892 | 11-6 | 1500 | Sat | 00681 00317 28547 ... 96212 55205 32031 | MFSK-16/20bd    | (AB)     |
| XPA2 | 13492 | 11-6 | 1520 | Sat | 00681 00317 28547 ... 96212 55205 32031 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12192 | 11-6 | 1540 | Sat | 00681 00317 28547 ... 96212 55205 32031 | MFSK-16/20bd    | (AB)     |
| XPA2 | 13373 | 12-6 | 0800 | Sun | 05299 00001 00000 36666                 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 13973 | 12-6 | 0820 | Sun | 05299 00001 00000 36666                 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 14973 | 12-6 | 0840 | Sun | 05299 00001 00000 36666                 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 13427 | 12-6 | 2100 | Sun | 00813 00204 27875 ... 81848 03542 10715 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 12227 | 12-6 | 2120 | Sun | 00813 00204 27875 ... 81848 03542 10715 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 10827 | 12-6 | 2140 | Sun | 00813 00204 27875 ... 81848 03542 10715 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 12148 | 13-6 | 0700 | Mon | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13448 | 13-6 | 0720 | Mon | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13948 | 13-6 | 0740 | Mon | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 14892 | 13-6 | 1500 | Mon | 02135 00001 00000 34255                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 13492 | 13-6 | 1520 | Mon | 02135 00001 00000 34255                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12192 | 13-6 | 1540 | Mon | 02135 00001 00000 34255                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 10315 | 14-6 | 0500 | Tue | 06286 00001 00000 35266                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 11115 | 14-6 | 0520 | Tue | 06286 00001 00000 35266                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12215 | 14-6 | 0540 | Tue | 06286 00001 00000 35266                 | MFSK-16/10bd    | (AB)     |
| XPA2 | 15874 | 14-6 | 1100 | Tue | 02462 00001 00000 34260                 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 14474 | 14-6 | 1120 | Tue | 02462 00001 00000 34260                 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 13374 | 14-6 | 1140 | Tue | 02462 00001 00000 34260                 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 13417 | 14-6 | 1600 | Tue | 03179 00001 00000 36262                 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 14817 | 14-6 | 1620 | Tue | 03179 00001 00000 36262                 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 15917 | 14-6 | 1640 | Tue | 03179 00001 00000 36262                 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 13427 | 14-6 | 2100 | Tue | 00747 00176 10390 ... 38184 79052 31222 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 12227 | 14-6 | 2120 | Tue | 00747 00176 10390 ... 38184 79052 31222 | MFSK-16/20Bd    | (AB/RL)  |

|      |       |      |      |     |                                         |                 |          |
|------|-------|------|------|-----|-----------------------------------------|-----------------|----------|
| XPA2 | 10827 | 14-6 | 2140 | Tue | 00747 00176 10390 ... 38184 79052 31222 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 12148 | 15-6 | 0700 | Wed | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13448 | 15-6 | 0720 | Wed | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13948 | 15-6 | 0740 | Wed | 00785 00126 96188 ... 73174 80481 11347 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 17417 | 15-6 | 0910 | Wed | 00606 00100 78709 ... 44845 59182 35527 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 15812 | 15-6 | 0930 | Wed | 00606 00100 78709 ... 44845 59182 35527 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 14504 | 15-6 | 0950 | Wed | 00606 00100 78709 ... 44845 59182 35527 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 15982 | 15-6 | 1100 | Wed | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 14982 | 15-6 | 1120 | Wed | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13882 | 15-6 | 1140 | Wed | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13462 | 15-6 | 2100 | Wed | 06282 00096 96121 ... 01638 88771 51565 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 12162 | 15-6 | 2120 | Wed | 06282 00096 96121 ... 01638 88771 51565 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 10223 | 15-6 | 2140 | Wed | 06282 00096 96121 ... 01638 88771 51565 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 10315 | 16-6 | 0500 | Thu | 07343 00001 00000 34263                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 11115 | 16-6 | 0520 | Thu | 07343 00001 00000 34263                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12215 | 16-6 | 0540 | Thu | 07343 00001 00000 34263                 | MFSK-16/10bd    | (AB)     |
| XPA2 | 13527 | 16-6 | 0910 | Thu | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12227 | 16-6 | 0930 | Thu | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd    | (AB)     |
| XPA2 | 11427 | 16-6 | 0950 | Thu | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 15982 | 16-6 | 1100 | Thu | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20bd    | (AB)     |
| XPA2 | 14982 | 16-6 | 1120 | Thu | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20bd    | (AB)     |
| XPA2 | 13882 | 16-6 | 1140 | Thu | 03240 00109 10646 ... 01855 62362 31436 | MFSK-16/20bd    | (AB)     |
| XPA2 | 13417 | 16-6 | 1600 | Thu | 03807 00001 00000 40653                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 14817 | 16-6 | 1620 | Thu | 03807 00001 00000 40653                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 15917 | 16-6 | 1640 | Thu | 03807 00001 00000 40653                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 13373 | 17-6 | 0800 | Fri | 03303 00001 00000 34253                 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 13973 | 17-6 | 0820 | Fri | 03303 00001 00000 34253                 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 14973 | 17-6 | 0840 | Fri | 03303 00001 00000 34253                 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 15874 | 17-6 | 1100 | Fri | 02306 00001 00000 35652                 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 14474 | 17-6 | 1120 | Fri | 02306 00001 00000 35652                 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13374 | 17-6 | 1140 | Fri | 02306 00001 00000 35652                 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13462 | 17-6 | 2100 | Fri | 06282 00096 96121 ... 01638 88771 51565 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 12162 | 17-6 | 2120 | Fri | 06282 00096 96121 ... 01638 88771 51565 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 10223 | 17-6 | 2140 | Fri | 06282 00096 96121 ... 01638 88771 51565 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13527 | 18-6 | 0910 | Sat | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12227 | 18-6 | 0930 | Sat | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd    | (AB)     |
| XPA2 | 11427 | 18-6 | 0950 | Sat | 00654 00114 70655 ... 58248 53720 24147 | MFSK-16/20bd    | (AB)     |
| XPA2 | 14892 | 18-6 | 1500 | Sat | 08110 00001 00000 31661                 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 13492 | 18-6 | 1520 | Sat | 08110 00001 00000 31661                 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 12192 | 18-6 | 1540 | Sat | 08110 00001 00000 31661                 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 13373 | 19-6 | 0800 | Sun | 01290 00001 00000 32262                 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 13973 | 19-6 | 0820 | Sun | 01290 00001 00000 32262                 | MFSK16/20Bd kHz | (AB)     |

|      |       |      |      |     |                                         |                 |          |
|------|-------|------|------|-----|-----------------------------------------|-----------------|----------|
| XPA2 | 14973 | 19-6 | 0840 | Sun | 01290 00001 00000 32262                 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 13427 | 19-6 | 2100 | Sun | 00813 00204 27875 ... 81848 03542 10715 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 12227 | 19-6 | 2120 | Sun | 00813 00204 27875 ... 81848 03542 10715 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 10827 | 19-6 | 2140 | Sun | 00813 00204 27875 ... 81848 03542 10715 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 12148 | 20-6 | 0700 | Mon | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13448 | 20-6 | 0720 | Mon | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13948 | 20-6 | 0740 | Mon | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 17417 | 20-6 | 0910 | Mon | 00606 00100 78709 ... 44845 59182 35527 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 15812 | 20-6 | 0930 | Mon | 00606 00100 78709 ... 44845 59182 35527 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 14504 | 20-6 | 0950 | Mon | 00606 00100 78709 ... 44845 59182 35527 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 14892 | 20-6 | 1500 | Mon | 00624 00145 93205 ... 72890 13516 47474 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 13492 | 20-6 | 1520 | Mon | 00624 00145 93205 ... 72890 13516 47474 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 12192 | 20-6 | 1540 | Mon | 00624 00145 93205 ... 72890 13516 47474 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 10315 | 21-6 | 0500 | Tue | 00364 00080 23394 ... 51285 85521 46443 | MFSK-16/20bd    | (AB)     |
| XPA2 | 11115 | 21-6 | 0520 | Tue | 00364 00080 23394 ... 51285 85521 46443 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12215 | 21-6 | 0540 | Tue | 00364 00080 23394 ... 51285 85521 46443 | MFSK-16/10bd    | (AB)     |
| XPA2 | 15874 | 21-6 | 1100 | Tue | 00833 00195 25128 ... 23120 93241 67613 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 14474 | 21-6 | 1120 | Tue | 00833 00195 25128 ... 23120 93241 67613 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13374 | 21-6 | 1140 | Tue | 00833 00195 25128 ... 23120 93241 67613 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13417 | 21-6 | 1600 | Tue | 07482 00236 77508 ... 57454 35276 43543 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 14817 | 21-6 | 1620 | Tue | 07482 00236 77508 ... 57454 35276 43543 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 15917 | 21-6 | 1640 | Tue | 07482 00236 77508 ... 57454 35276 43543 | MFSK-16/20bd    | (AB/MPJ) |
| XPA2 | 13427 | 21-6 | 2100 | Tue | 04092 00122 22888 ... 58586 61585 35353 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 12227 | 21-6 | 2120 | Tue | 04092 00122 22888 ... 58586 61585 35353 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 10827 | 21-6 | 2140 | Tue | 04092 00122 22888 ... 58586 61585 35353 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 12148 | 22-6 | 0700 | Wed | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13448 | 22-6 | 0720 | Wed | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13948 | 22-6 | 0740 | Wed | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 17417 | 22-6 | 0910 | Wed | 00606 00100 78709 ... 44845 59182 35527 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 15812 | 22-6 | 0930 | Wed | 00606 00100 78709 ... 44845 59182 35527 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 14504 | 22-6 | 0950 | Wed | 00606 00100 78709 ... 44845 59182 35527 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 15982 | 22-6 | 1100 | Wed | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 14982 | 22-6 | 1120 | Wed | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13882 | 22-6 | 1140 | Wed | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13462 | 22-6 | 2100 | Wed | 09096 00001 00000 34272                 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 12162 | 22-6 | 2120 | Wed | 09096 00001 00000 34272                 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 10223 | 22-6 | 2140 | Wed | 09096 00001 00000 34272                 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 10315 | 23-6 | 0500 | Thu | 00364 00080 23394 ... 51285 85521 46443 | MFSK-16/20bd    | (AB)     |
| XPA2 | 11115 | 23-6 | 0520 | Thu | 00364 00080 23394 ... 51285 85521 46443 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12215 | 23-6 | 0540 | Thu | 00364 00080 23394 ... 51285 85521 46443 | MFSK-16/10bd    | (AB)     |
| XPA2 | 13527 | 23-6 | 0910 | Thu | 01500 00001 00000 33651                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12227 | 23-6 | 0930 | Thu | 01500 00001 00000 33651                 | MFSK-16/20bd    | (AB)     |

|      |       |      |      |     |                                         |                 |          |
|------|-------|------|------|-----|-----------------------------------------|-----------------|----------|
| XPA2 | 11427 | 23-6 | 0950 | Thu | 01500 00001 00000 33651                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 15982 | 23-6 | 1100 | Thu | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 14982 | 23-6 | 1120 | Thu | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 13882 | 23-6 | 1140 | Thu | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 13417 | 23-6 | 1600 | Thu | 07482 00236 77508 ... 57454 35276 43543 | MFSK-16/20bd    | (AB)     |
| XPA2 | 14817 | 23-6 | 1620 | Thu | 07482 00236 77508 ... 57454 35276 43543 | MFSK-16/20bd    | (AB)     |
| XPA2 | 15917 | 23-6 | 1640 | Thu | 07482 00236 77508 ... 57454 35276 43543 | MFSK-16/20bd    | (AB)     |
| XPA2 | 13373 | 24-6 | 0800 | Fri | 00806 00083 38766 ... 30571 70070 00570 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 13973 | 24-6 | 0820 | Fri | 00806 00083 38766 ... 30571 70070 00570 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 14973 | 24-6 | 0840 | Fri | 00806 00083 38766 ... 30571 70070 00570 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 15874 | 24-6 | 1100 | Fri | 00833 00195 25128 ... 23120 93241 67613 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 14474 | 24-6 | 1120 | Fri | 00833 00195 25128 ... 23120 93241 67613 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 13374 | 24-6 | 1140 | Fri | 00833 00195 25128 ... 23120 93241 67613 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 13462 | 24-6 | 2100 | Fri | 05959 00001 00000 32262                 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 12162 | 24-6 | 2120 | Fri | 05959 00001 00000 32262                 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 10223 | 24-6 | 2140 | Fri | 05959 00001 00000 32262                 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13527 | 25-6 | 0910 | Sat | 02116 00001 00000 34653                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12227 | 25-6 | 0930 | Sat | 02116 00001 00000 34653                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 11427 | 25-6 | 0950 | Sat | 02116 00001 00000 34653                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 14892 | 25-6 | 1500 | Sat | 00624 00145 93205 ... 72890 13516 47474 | MFSK-16/20bd    | (AB)     |
| XPA2 | 13492 | 25-6 | 1520 | Sat | 00624 00145 93205 ... 72890 13516 47474 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12192 | 25-6 | 1540 | Sat | 00624 00145 93205 ... 72890 13516 47474 | MFSK-16/20bd    | (AB)     |
| XPA2 | 13373 | 26-6 | 0800 | Sun | 00806 00094 39766 ... 31571 71170 10570 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 13973 | 26-6 | 0820 | Sun | 00806 00094 39766 ... 31571 71170 10570 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 14973 | 26-6 | 0840 | Sun | 00806 00094 39766 ... 31571 71170 10570 | MFSK16/20Bd kHz | (AB)     |
| XPA2 | 13427 | 26-6 | 2100 | Sun | 04092 00122 22888 ... 58586 61585 35353 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 12227 | 26-6 | 2120 | Sun | 04092 00122 22888 ... 58586 61585 35353 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 10827 | 26-6 | 2140 | Sun | 04092 00122 22888 ... 58586 61585 35353 | MFSK-16/20Bd    | (AB/RL)  |
| XPA2 | 12148 | 27-6 | 0700 | Mon | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13448 | 27-6 | 0720 | Mon | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 13948 | 27-6 | 0740 | Mon | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 17417 | 27-6 | 0910 | Mon | 01548 00130 01750 ... 08570 72861 61723 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 15812 | 27-6 | 0930 | Mon | 01548 00130 01750 ... 08570 72861 61723 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 14504 | 27-6 | 0950 | Mon | 01548 00130 01750 ... 08570 72861 61723 | MFSK-16/20Bd    | (AB/MPJ) |
| XPA2 | 14892 | 27-6 | 1500 | Mon | 03074 00001 00000 33262                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 13492 | 27-6 | 1520 | Mon | 03074 00001 00000 33262                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12192 | 27-6 | 1540 | Mon | 03074 00001 00000 33262                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 10315 | 28-6 | 0500 | Tue | 09221 00001 00000 32663                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 11115 | 28-6 | 0520 | Tue | 09221 00001 00000 32663                 | MFSK-16/20bd    | (AB)     |
| XPA2 | 12215 | 28-6 | 0540 | Tue | 09221 00001 00000 32663                 | MFSK-16/10bd    | (AB)     |
| XPA2 | 15874 | 28-6 | 1100 | Tue | 00833 00195 25128 ... 23120 93241 67613 | MFSK-16/20Bd    | (AB)     |
| XPA2 | 14474 | 28-6 | 1120 | Tue | 00833 00195 25128 ... 23120 93241 67613 | MFSK-16/20Bd    | (AB)     |

|             |       |      |      |     |                                         |              |          |
|-------------|-------|------|------|-----|-----------------------------------------|--------------|----------|
| <b>XPA2</b> | 13374 | 28-6 | 1140 | Tue | 00833 00195 25128 ... 23120 93241 67613 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 13417 | 28-6 | 1600 | Tue | 02410 00054 47106 ... 74223 74952 12644 | MFSK-16/20bd | (AB/MPJ) |
| <b>XPA2</b> | 14817 | 28-6 | 1620 | Tue | 02410 00054 47106 ... 74223 74952 12644 | MFSK-16/20bd | (AB/MPJ) |
| <b>XPA2</b> | 15917 | 28-6 | 1640 | Tue | 02410 00054 47106 ... 74223 74952 12644 | MFSK-16/20bd | (AB/MPJ) |
| <b>XPA2</b> | 13427 | 28-6 | 2100 | Tue | 00729 00124 95787 ... 12941 27521 12274 | MFSK-16/20Bd | (AB/RL)  |
| <b>XPA2</b> | 12227 | 28-6 | 2120 | Tue | 00729 00124 95787 ... 12941 27521 12274 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 10827 | 28-6 | 2140 | Tue | 00729 00124 95787 ... 12941 27521 12274 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 12148 | 29-6 | 0700 | Wed | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 13448 | 29-6 | 0720 | Wed | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 13948 | 29-6 | 0740 | Wed | 00818 00138 00493 ... 86048 75351 20761 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 17417 | 29-6 | 0910 | Wed | 01548 00130 01750 ... 08570 72861 61723 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 15812 | 29-6 | 0930 | Wed | 01548 00130 01750 ... 08570 72861 61723 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 14504 | 29-6 | 0950 | Wed | 01548 00130 01750 ... 08570 72861 61723 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 15982 | 29-6 | 1100 | Wed | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 14982 | 29-6 | 1120 | Wed | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 13882 | 29-6 | 1140 | Wed | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 13462 | 29-6 | 2100 | Wed | 02845 00148 27932 ... 18668 51651 12043 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 12162 | 29-6 | 2120 | Wed | 02845 00148 27932 ... 18668 51651 12043 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 10223 | 29-6 | 2140 | Wed | 02845 00148 27932 ... 18668 51651 12043 | MFSK-16/20Bd | (AB/RL)  |
| <b>XPA2</b> | 10315 | 30-6 | 0500 | Thu | 01772 00001 00000 35660                 | MFSK-16/20bd | (AB)     |
| <b>XPA2</b> | 11115 | 30-6 | 0520 | Thu | 01772 00001 00000 35660                 | MFSK-16/20bd | (AB)     |
| <b>XPA2</b> | 12215 | 30-6 | 0540 | Thu | 01772 00001 00000 35660                 | MFSK-16/10bd | (AB)     |
| <b>XPA2</b> | 13527 | 30-6 | 0910 | Thu | 00826 00128 85887 ... 99362 54054 24331 | MFSK-16/20bd | (AB)     |
| <b>XPA2</b> | 12227 | 30-6 | 0930 | Thu | 00826 00128 85887 ... 99362 54054 24331 | MFSK-16/20bd | (AB)     |
| <b>XPA2</b> | 11427 | 30-6 | 0950 | Thu | 00826 00128 85887 ... 99362 54054 24331 | MFSK-16/20bd | (AB)     |
| <b>XPA2</b> | 15982 | 30-6 | 1100 | Thu | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 14982 | 30-6 | 1120 | Thu | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 13882 | 30-6 | 1140 | Thu | 00418 00125 78707 ... 62664 63318 03415 | MFSK-16/20Bd | (AB)     |
| <b>XPA2</b> | 13417 | 30-6 | 1600 | Thu | 02410 00054 47106 ... 74223 74952 12644 | MFSK-16/20bd | (AB)     |
| <b>XPA2</b> | 14817 | 30-6 | 1620 | Thu | 02410 00054 47106 ... 74223 74952 12644 | MFSK-16/20bd | (AB)     |
| <b>XPA2</b> | 15917 | 30-6 | 1640 | Thu | 02410 00054 47106 ... 74223 74952 12644 | MFSK-16/20bd | (AB)     |
| <b>XPB1</b> | 13876 | 1-6  | 1100 | Wed | Russian intel.                          | MFSK-16      | (AB/HFD) |
| <b>XPB1</b> | 13376 | 1-6  | 1110 | Wed | Russian intel.                          | MFSK-16      | (AB/HFD) |
| <b>XPB1</b> | 12176 | 1-6  | 1120 | Wed | Russian intel.                          | MFSK-16      | (AB/HFD) |
| <b>XPB1</b> | 11576 | 1-6  | 1130 | Wed | Russian intel.                          | MFSK-16      | (AB/HFD) |
| <b>XPB1</b> | 10676 | 1-6  | 1140 | Wed | Russian intel.                          | MFSK-16      | (AB/HFD) |
| <b>XPB1</b> | 10276 | 1-6  | 1150 | Wed | Russian intel.                          | MFSK-16      | (AB/HFD) |
| <b>XPB1</b> | 13876 | 4-6  | 1100 | Sat | Russian intel.                          | MFSK-16      | (AB)     |
| <b>XPB1</b> | 13376 | 4-6  | 1110 | Sat | Russian intel.                          | MFSK-16      | (AB)     |
| <b>XPB1</b> | 12176 | 4-6  | 1120 | Sat | Russian intel.                          | MFSK-16      | (AB)     |
| <b>XPB1</b> | 11576 | 4-6  | 1130 | Sat | Russian intel.                          | MFSK-16      | (AB)     |
| <b>XPB1</b> | 10676 | 4-6  | 1140 | Sat | Russian intel.                          | MFSK-16      | (AB)     |



|             |       |     |      |     |                |         |             |
|-------------|-------|-----|------|-----|----------------|---------|-------------|
| <b>XPB1</b> | 10276 | 4-6 | 1150 | Sat | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 15876 | 4-6 | 1200 | Sat | Russian intel. | MFSK-16 | (AB/RL/HFD) |
| <b>XPB1</b> | 14876 | 4-6 | 1210 | Sat | Russian intel. | MFSK-16 | (AB/RL/HFD) |
| <b>XPB1</b> | 14376 | 4-6 | 1220 | Sat | Russian intel. | MFSK-16 | (AB/RL/HFD) |
| <b>XPB1</b> | 13873 | 4-6 | 1230 | Sat | Russian intel. | MFSK-16 | (AB/RL/HFD) |
| <b>XPB1</b> | 13376 | 4-6 | 1240 | Sat | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 12176 | 4-6 | 1250 | Sat | Russian intel. | MFSK-16 | (AB/RL/HFD) |
| <b>XPB1</b> | 15863 | 5-6 | 1900 | Sun | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 14963 | 5-6 | 1910 | Sun | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 13963 | 5-6 | 1920 | Sun | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 12163 | 5-6 | 1930 | Sun | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 11163 | 5-6 | 1940 | Sun | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 10463 | 5-6 | 1950 | Sun | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 11559 | 6-6 | 0500 | Mon | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 12159 | 6-6 | 0510 | Mon | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 13459 | 6-6 | 0520 | Mon | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 13959 | 6-6 | 0530 | Mon | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 14459 | 6-6 | 0540 | Mon | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 14959 | 6-6 | 0550 | Mon | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 15876 | 6-6 | 1200 | Mon | Russian intel. | MFSK-16 | (AB/RL)     |
| <b>XPB1</b> | 14876 | 6-6 | 1210 | Mon | Russian intel. | MFSK-16 | (AB/RL)     |
| <b>XPB1</b> | 14376 | 6-6 | 1220 | Mon | Russian intel. | MFSK-16 | (AB/RL)     |
| <b>XPB1</b> | 13976 | 6-6 | 1230 | Mon | Russian intel. | MFSK-16 | (AB/RL)     |
| <b>XPB1</b> | 13376 | 6-6 | 1240 | Mon | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 12176 | 6-6 | 1250 | Mon | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 11559 | 7-6 | 0500 | Tue | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 12159 | 7-6 | 0510 | Tue | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 13459 | 7-6 | 0520 | Tue | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 13959 | 7-6 | 0530 | Tue | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 14459 | 7-6 | 0540 | Tue | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 14959 | 7-6 | 0550 | Tue | Russian intel. | MFSK-16 | (AB/HFD)    |
| <b>XPB1</b> | 15863 | 7-6 | 1900 | Tue | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 14963 | 7-6 | 1910 | Tue | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 13963 | 7-6 | 1920 | Tue | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 12163 | 7-6 | 1930 | Tue | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 11163 | 7-6 | 1940 | Tue | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 10463 | 7-6 | 1950 | Tue | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 13876 | 8-6 | 1100 | Wed | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 13376 | 8-6 | 1110 | Wed | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 12176 | 8-6 | 1120 | Wed | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 11576 | 8-6 | 1130 | Wed | Russian intel. | MFSK-16 | (AB)        |
| <b>XPB1</b> | 10676 | 8-6 | 1140 | Wed | Russian intel. | MFSK-16 | (AB)        |

|             |       |      |      |     |                |         |         |
|-------------|-------|------|------|-----|----------------|---------|---------|
| <b>XPB1</b> | 10276 | 8-6  | 1150 | Wed | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 13876 | 11-6 | 1100 | Sat | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 13376 | 11-6 | 1110 | Sat | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 12176 | 11-6 | 1120 | Sat | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 11576 | 11-6 | 1130 | Sat | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 10676 | 11-6 | 1140 | Sat | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 10276 | 11-6 | 1150 | Sat | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 15876 | 11-6 | 1200 | Sat | Russian intel. | MFSK-16 | (AB/RL) |
| <b>XPB1</b> | 14876 | 11-6 | 1210 | Sat | Russian intel. | MFSK-16 | (AB/RL) |
| <b>XPB1</b> | 14376 | 11-6 | 1220 | Sat | Russian intel. | MFSK-16 | (AB/RL) |
| <b>XPB1</b> | 13873 | 11-6 | 1230 | Sat | Russian intel. | MFSK-16 | (AB/RL) |
| <b>XPB1</b> | 13376 | 11-6 | 1240 | Sat | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 12176 | 11-6 | 1250 | Sat | Russian intel. | MFSK-16 | (AB/RL) |
| <b>XPB1</b> | 15863 | 12-6 | 1900 | Sun | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 14963 | 12-6 | 1910 | Sun | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 13963 | 12-6 | 1920 | Sun | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 12163 | 12-6 | 1930 | Sun | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 11163 | 12-6 | 1940 | Sun | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 10463 | 12-6 | 1950 | Sun | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 11559 | 13-6 | 0500 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 12159 | 13-6 | 0510 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 13459 | 13-6 | 0520 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 13959 | 13-6 | 0530 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 14459 | 13-6 | 0540 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 14959 | 13-6 | 0550 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 15876 | 13-6 | 1200 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 14876 | 13-6 | 1210 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 14376 | 13-6 | 1220 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 13976 | 13-6 | 1230 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 13376 | 13-6 | 1240 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 12176 | 13-6 | 1250 | Mon | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 11559 | 14-6 | 0500 | Tue | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 12159 | 14-6 | 0510 | Tue | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 13459 | 14-6 | 0520 | Tue | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 13959 | 14-6 | 0530 | Tue | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 14459 | 14-6 | 0540 | Tue | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 14959 | 14-6 | 0550 | Tue | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 15863 | 14-6 | 1900 | Tue | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 14963 | 14-6 | 1910 | Tue | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 13963 | 14-6 | 1920 | Tue | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 12163 | 14-6 | 1930 | Tue | Russian intel. | MFSK-16 | (AB)    |
| <b>XPB1</b> | 11163 | 14-6 | 1940 | Tue | Russian intel. | MFSK-16 | (AB)    |



|             |       |      |      |     |                |         |          |
|-------------|-------|------|------|-----|----------------|---------|----------|
| <b>XPB1</b> | 10463 | 14-6 | 1950 | Tue | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13876 | 15-6 | 1100 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13376 | 15-6 | 1110 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 12176 | 15-6 | 1120 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 11576 | 15-6 | 1130 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 10676 | 15-6 | 1140 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 10276 | 15-6 | 1150 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13876 | 18-6 | 1100 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13376 | 18-6 | 1110 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 12176 | 18-6 | 1120 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 11576 | 18-6 | 1130 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 10676 | 18-6 | 1140 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 10276 | 18-6 | 1150 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 15876 | 18-6 | 1200 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 14876 | 18-6 | 1210 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 14376 | 18-6 | 1220 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 13873 | 18-6 | 1230 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 13376 | 18-6 | 1240 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 12176 | 18-6 | 1250 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 15863 | 19-6 | 1900 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 14963 | 19-6 | 1910 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13963 | 19-6 | 1920 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 12163 | 19-6 | 1930 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 11163 | 19-6 | 1940 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 10463 | 19-6 | 1950 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 11559 | 20-6 | 0500 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 12159 | 20-6 | 0510 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13459 | 20-6 | 0520 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13959 | 20-6 | 0530 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 14459 | 20-6 | 0540 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 14959 | 20-6 | 0550 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 15876 | 20-6 | 1200 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 14876 | 20-6 | 1210 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 14376 | 20-6 | 1220 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 13976 | 20-6 | 1230 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 13376 | 20-6 | 1240 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 12176 | 20-6 | 1250 | Mon | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 11559 | 21-6 | 0500 | Tue | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 12159 | 21-6 | 0510 | Tue | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13459 | 21-6 | 0520 | Tue | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13959 | 21-6 | 0530 | Tue | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 14459 | 21-6 | 0540 | Tue | Russian intel. | MFSK-16 | (AB)     |

|             |       |      |      |     |                |         |          |
|-------------|-------|------|------|-----|----------------|---------|----------|
| <b>XPB1</b> | 14959 | 21-6 | 0550 | Tue | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 15863 | 21-6 | 1900 | Tue | Russian intel. | MFSK-16 | (AB/RL)  |
| <b>XPB1</b> | 14963 | 21-6 | 1910 | Tue | Russian intel. | MFSK-16 | (AB/RL)  |
| <b>XPB1</b> | 13963 | 21-6 | 1920 | Tue | Russian intel. | MFSK-16 | (AB/RL)  |
| <b>XPB1</b> | 12163 | 21-6 | 1930 | Tue | Russian intel. | MFSK-16 | (AB/RL)  |
| <b>XPB1</b> | 11163 | 21-6 | 1940 | Tue | Russian intel. | MFSK-16 | (AB/RL)  |
| <b>XPB1</b> | 10463 | 21-6 | 1950 | Tue | Russian intel. | MFSK-16 | (AB/RL)  |
| <b>XPB1</b> | 13876 | 22-6 | 1100 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13376 | 22-6 | 1110 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 12176 | 22-6 | 1120 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 11576 | 22-6 | 1130 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 10676 | 22-6 | 1140 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 10276 | 22-6 | 1150 | Wed | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13876 | 25-6 | 1100 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13376 | 25-6 | 1110 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 12176 | 25-6 | 1120 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 11576 | 25-6 | 1130 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 10676 | 25-6 | 1140 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 10276 | 25-6 | 1150 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 15876 | 25-6 | 1200 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 14876 | 25-6 | 1210 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 14376 | 25-6 | 1220 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13873 | 25-6 | 1230 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13376 | 25-6 | 1240 | Sat | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 12176 | 25-6 | 1250 | Sat | Russian intel. | MFSK-16 | (AB/MPJ) |
| <b>XPB1</b> | 15863 | 26-6 | 1900 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 14963 | 26-6 | 1910 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13963 | 26-6 | 1920 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 12163 | 26-6 | 1930 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 11163 | 26-6 | 1940 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 10463 | 26-6 | 1950 | Sun | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 11559 | 27-6 | 0500 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 12159 | 27-6 | 0510 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13459 | 27-6 | 0520 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13959 | 27-6 | 0530 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 14459 | 27-6 | 0540 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 14959 | 27-6 | 0550 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 15876 | 27-6 | 1200 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 14876 | 27-6 | 1210 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 14376 | 27-6 | 1220 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13976 | 27-6 | 1230 | Mon | Russian intel. | MFSK-16 | (AB)     |
| <b>XPB1</b> | 13376 | 27-6 | 1240 | Mon | Russian intel. | MFSK-16 | (AB)     |

|             |        |      |      |     |                                   |             |         |
|-------------|--------|------|------|-----|-----------------------------------|-------------|---------|
| <b>XPB1</b> | 12176  | 27-6 | 1250 | Mon | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 11559  | 28-6 | 0500 | Tue | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 12159  | 28-6 | 0510 | Tue | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 13459  | 28-6 | 0520 | Tue | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 13959  | 28-6 | 0530 | Tue | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 14459  | 28-6 | 0540 | Tue | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 14959  | 28-6 | 0550 | Tue | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 15863  | 28-6 | 1900 | Tue | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 14963  | 28-6 | 1910 | Tue | Russian intel.                    | MFSK-16     | (AB/RL) |
| <b>XPB1</b> | 13963  | 28-6 | 1920 | Tue | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 12163  | 28-6 | 1930 | Tue | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 11163  | 28-6 | 1940 | Tue | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 10463  | 28-6 | 1950 | Tue | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 13876  | 29-6 | 1100 | Wed | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 13376  | 29-6 | 1110 | Wed | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 12176  | 29-6 | 1120 | Wed | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 11576  | 29-6 | 1130 | Wed | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 10676  | 29-6 | 1140 | Wed | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XPB1</b> | 10276  | 29-6 | 1150 | Wed | Russian intel.                    | MFSK-16     | (AB)    |
| <b>XSL</b>  | 8312.5 | 17-6 | 0909 | Fri | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (EW)    |
| <b>XSL</b>  | 6445   | 17-6 | 0918 | Fri | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (EW)    |
| <b>XSL</b>  | 8703.5 | 17-6 | 0922 | Fri | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (EW)    |
| <b>XSL</b>  | 4231.5 | 17-6 | 0938 | Fri | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (EW)    |
| <b>XSL</b>  | 8587.5 | 17-6 | 0938 | Fri | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (EW)    |
| <b>XSL</b>  | 6250   | 17-6 | 0943 | Fri | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (EW)    |
| <b>XSL</b>  | 6417   | 17-6 | 0948 | Fri | Japanese Navy a.k.a. Slot Machine | QPSK 1500Bd | (EW)    |

## CONTRIBUTORS

|         |                                                |
|---------|------------------------------------------------|
| AB      | Ary Boender, Netherlands                       |
| AB-FIN  | Ary Boender via remote rx Finland              |
| AB-J    | Ary Boender via remote rx Japan                |
| AB-POL  | Ary Boender via remote rx Poland               |
| AB-RUS  | Ary Boender via remote rx Russia               |
| AB-SVK  | Ary Boender via remote rx Slovakia             |
| AB-TWN  | Ary Boender via remote rx Taiwan               |
| AB-USA  | Ary Boender via remote rx USA                  |
| Anon    | Anonymous                                      |
| AVX-USA | AlphaVax via remote rx USA                     |
| Dan     | Daniel LU5EMM, Argentina                       |
| EW      | Eddy Waters, Australia                         |
| F5JBR   | F5JBR André, France                            |
| F5JBR-J | F5JBR André via remote rx Japan                |
| FD      | Full Day Waterfall, University Twente SDR      |
| HFD     | Hans-Friedrich Dumrese, Germany                |
| HFD-AUS | Hans-Friedrich Dumrese via remote rx Australia |
| HFD-CHN | Hans-Friedrich Dumrese via remote rx China     |
| HFD-J   | Hans-Friedrich Dumrese via remote rx Japan     |
| HFD-RUS | Hans-Friedrich Dumrese via remote rx Russia    |
| HFD-USA | Hans-Friedrich Dumrese via remote rx USA       |
| JPL     | JPL, NB, Canada (and various remote rx)        |
| JPL-RUS | JPL via remote rx Russia                       |
| Mario-J | Mario via remote rx Japan                      |
| Moon    | Moonlight (Dave AU)                            |
| MPJ     | Jim, SW England                                |
| MPJ-AUT | Jim via remote rx Austria                      |
| MPJ-FIN | Jim via remote rx Finland                      |
| MPJ-HNG | Jim via remote rx Hungary                      |
| MPJ-HOL | Jim via remote rx Netherlands                  |
| PP1     | Patrice Privat, France                         |
| PY      | Pierre Ynard, France and via remote rx         |
| RL      | Roberto Landolpho, Brazil                      |
| RO      | Rando One, Sweden                              |
| RR2     | Rich Ray, IL, USA                              |
| Sublio  | Sublio                                         |

## APPENDIX

### Designators of active stations

#### Prefixes

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

| Code | Language | Origin      | Related stations                                |
|------|----------|-------------|-------------------------------------------------|
| E06  | English  | Russia      | G06, G06b, S06, S06b, S06c, M14, F01, F06, F06a |
| E07  | English  | Russia      | E07a, V07, M12, XPA1, XPA2, XPB1                |
| 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, G06b, S06, S06b, S06c, M14, F01, F06, F06a |
| G06b | German   | Russia      | E06, G06, S06, S06b, S06c, M14, F01, F06, F06a  |
| S06  | Russian  | Russia      | E06, G06, G06b, S06b, S06c, M14, F01, F06, F06a |
| S06b | Russian  | Russia      | E06, G06, G06b, S06, S06c, M14, F01, F06, F06a  |
| S06c | Russian  | Russian     | E06, G06, G06b, S06, S06b, M14, F01, F06, F06a  |
| S06s | Russian  | Ukraine     | E17z                                            |
| S11a | Russian  | Poland      | E11, E11a, F03, P03                             |
| S25  | Russian  | Russia      |                                                 |
| V07  | Spanish  | Russia      | E07, M12, XPA1, XPA2, XPB1                      |
| V13  | Mandarin | Taiwan      |                                                 |
| V15  | Korean   | North Korea |                                                 |
| V24  | Korean   | South Korea |                                                 |
| V26  | Chinese  | China       | M95, Q26                                        |
| V28  | Korean   | North Korea |                                                 |
| VC01 | Chinese  | China       | VC03, MC03                                      |
| VC03 | Chinese  | China       | VC01, MC03                                      |

| 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, G06b, S06, S06b, S06c, F01, F06, F06a |
| M21  | Morse | Russia   | M41                                             |
| M22  | Morse | Israel   |                                                 |
| M23  | Morse | France   |                                                 |
| M41  | Morse | Russia   | M21                                             |
| M51a | Morse | France   | M51b                                            |
| M51b | Morse | France   | M51a                                            |
| M89  | Morse | China    |                                                 |
| M95  | Morse | China    | V26, Q26                                        |
| MC03 | Morse | China    | VC01, VC03                                      |
| UM03 | Morse | China    |                                                 |
| UM04 | Morse | Bulgaria | PROMRÖ daily schedule                           |
| UM10 | Morse | ?        |                                                 |

| 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                                  |
| SK01 | Various    | Cuba   |                                           |
| X06  | MFSK-6     | Russia | X06a, X06b, X06c, X06d                    |
| X06a | MFSK-6     | Russia | X06a, X06b, X06c, X06d                    |
| X06b | MFSK-6     | Russia | X06a, X06b, X06c, X06d                    |
| X06c | MFSK-6     | Russia | X06a, X06b, X06c, X06d                    |
| X06d | CW         | Russia | X06a, X06b, X06c, X06d                    |
| XPA  | MFSK-20    | Russia | E07, V07, M12, XPA2, XPB1                 |
| 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".

Chinese cut numbers      A U 3 4 5 6 7 D N T  
(M89, M95, MC03, etc)    1 2 3 4 5 6 7 8 9 0

M08a cut numbers        A N D U W R I G M T  
                                  1 2 3 4 5 6 7 8 9 0

Q26 conversion            F J B P G U Y M C W  
                                  0 1 2 3 4 5 6 7 8 9

| Figure | English | French | German | Mandarin | Spanish | Russian  | Arabic  |
|--------|---------|--------|--------|----------|---------|----------|---------|
| 0      | Zero    | Zero   | Null   | Ling     | Cero    | Null     | Sifr    |
| 1      | One     | Un     | Eins   | Yi       | Uno     | Odín     | Wahid   |
| 2      | Two     | Deux   | Zwei   | Er       | Dos     | Dva      | Itnien  |
| 3      | Three   | Trois  | Drei   | San      | Tres    | Tri      | Talata  |
| 4      | Four    | Quatre | Vier   | Si       | Cuatro  | Chety're | Arba`a  |
| 5      | Five    | Cinq   | Fünf   | Wu       | Cinco   | Pyat'    | Xamsa   |
| 6      | Six     | Six    | Sechs  | Liu      | Seis    | Shest'   | Sitta   |
| 7      | Seven   | Sept   | Sieben | Qi       | Siete   | Sem'     | Sab`a   |
| 8      | Eight   | Huit   | Acht   | Ba       | Ocho    | Vósem'   | Tamanya |
| 9      | Nine    | Neuf   | Neun   | Jiu      | Nueve   | Dévyat'  | Tiss`a  |

| Figure | Morse     | Vietnamese | E17z  | S11a       | G06    | E11   |
|--------|-----------|------------|-------|------------|--------|-------|
| 0      | — — — — — | Số không   | Zero  | Nul        | Null   | Zero  |
| 1      | . — — — — | Một        | Van   | Adinka     | Eins   | One   |
| 2      | .. — — —  | Hai        | To    | Dwojka     | Twso   | Two   |
| 3      | ... — —   | Ba         | Fwee  | Trojka     | Drei   | Three |
| 4      | .... —    | Bô'n       | Fo    | Cienciorka | Vier   | Four  |
| 5      | .....     | Năm        | Fav   | Pietiorka  | Funuf  | Fiver |
| 6      | — ....    | Sáu        | Six   | Szest      | Sechs  | Six   |
| 7      | — — ...   | Ba   y     | Seven | Siem       | Sieben | Seven |
| 8      | — — — .   | Tám        | Eight | Wosiem     | Acht   | Eight |
| 9      | — — — — . | Chín       | Nine  | Diewiet    | Neugen | Niner |
| =      | — . . . — |            |       |            |        |       |
| /      | — . . . . |            |       |            |        |       |

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

Note: M03 and M08a are defunct.

## Morse characters

|   |         |                  |           |                        |            |               |
|---|---------|------------------|-----------|------------------------|------------|---------------|
| A | . -     | 1                | . ----    | Full stop (period)     | [ . ]      | . - . - . -   |
| B | - ...   | 2                | .. ----   | Comma                  | [ , ]      | -- .. --      |
| C | - . - . | 3                | ... --    | Colon                  | [ : ]      | -- -- ...     |
| D | - ..    | 4                | .... -    | Question mark          | [ ? ]      | .. -- ..      |
| E | .       | 5                | .....     | Exclamation mark       | [ ! ]      | - . - . --    |
| F | .. - .  | 6                | - ....    | Apostrophe             | [ ' ]      | . - - - - .   |
| G | - - .   | 7                | - - ...   | Dash or Hyphen         | [ - ]      | - .... -      |
| H | ....    | 8                | - - - .   | Slash                  | [ / ]      | - . . - .     |
| I | ..      | 9                | - - - - . | Left-hand bracket      | [ ( ]      | - . -- .      |
| J | . - - - | 0                | - - - - - | Right-hand bracket     | [ ) ]      | - . - - . -   |
| K | - . -   |                  |           | Quotation marks        | [ " " ]    | . - . . - .   |
| L | . - . . |                  |           | Equals sign            | [ BT = ]   | - . . . -     |
| M | --      | Accented letters |           | Understood             |            | . . . - .     |
| N | - .     | Ä                | . - . -   | Plus sign              | [ + ]      | . - . - .     |
| O | ---     | Á                | . - - . - | Invitation to transmit |            | - . -         |
| P | . - - . | CH               | ----      | Wait                   | [ AS ]     | . - . . .     |
| Q | - - . - | É                | . . - . . | End of Transmission    | [ SK, VA ] | . . . - . -   |
| R | . - .   | Ö                | - - - .   | End of message         | [ AR ]     | . - . - .     |
| S | ...     | Ü                | . . - -   | Starting signal        |            | - . - . -     |
| T | -       |                  |           | Multiplication sign    | [ × ]      | - . . -       |
| U | .. -    |                  |           | At sign                | [ @ ]      | . - - . - .   |
| V | ... -   |                  |           | Break                  | [ BK ]     | - . . . - . - |
| W | . - -   |                  |           | Ampersand              | [ & ]      | . - . . .     |
| X | - . . - |                  |           |                        |            |               |
| Y | - . - - |                  |           |                        |            |               |
| Z | - - . . |                  |           |                        |            |               |

See also

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

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



## COLOPHON

"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.

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### Relevant mailing lists and websites:

|                             |                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------|
| NUMBERS & ODDITIES          | <a href="http://www.numbersoddities.nl">http://www.numbersoddities.nl</a>             |
| SPY NUMBERS ONLINE DATABASE | <a href="http://www.spynumbers.com/numbersDB">http://www.spynumbers.com/numbersDB</a> |
| UDXF - UTILITY DXERS FORUM  | <a href="http://www.udxf.nl">http://www.udxf.nl</a>                                   |
| HF UNDERGROUND              | <a href="http://www.hfunderground.com/board/">http://www.hfunderground.com/board/</a> |
| PRIYOM                      | <a href="http://priyom.org/">http://priyom.org/</a>                                   |
| ENIGMA                      | <a href="http://www.signalshed.com/">http://www.signalshed.com/</a>                   |

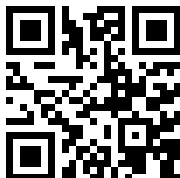
NUMBERS STATIONS SCHEDULES <http://priyom.org/number-stations/station-schedule>

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 36498 32764 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 5  
758 63298 75698 27465 87326 49876 28376 81273 98615 86  
67 87432 74328 78674 29867 32867 67867 86786 43276 486  
67 68768 68763 34234 34238 68768 62342 48273 48768 230  
936 98432 32432 86743 43286 43286 43286 43286 43286 432  
743 86743 86743 39867 32867 86743 43286 43286 43243 86  
751 86743 86743 86743 86743 86743 86743 86743 86743 86  
943 98798 98754 98754 98754 98754 29867 67543 67986 86  
976 87698 69876 87698 69876 87612 12341 34867 86798 652  
867 43298 65656 56756 56123 32143 14321 32143 14321 321  
98 82787 58765 76587 58765 76587 58765 76587 58756 765  
86743 86543 86543 86543 86543 86543 86543 86543 86543 86543

N&O



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